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U.S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

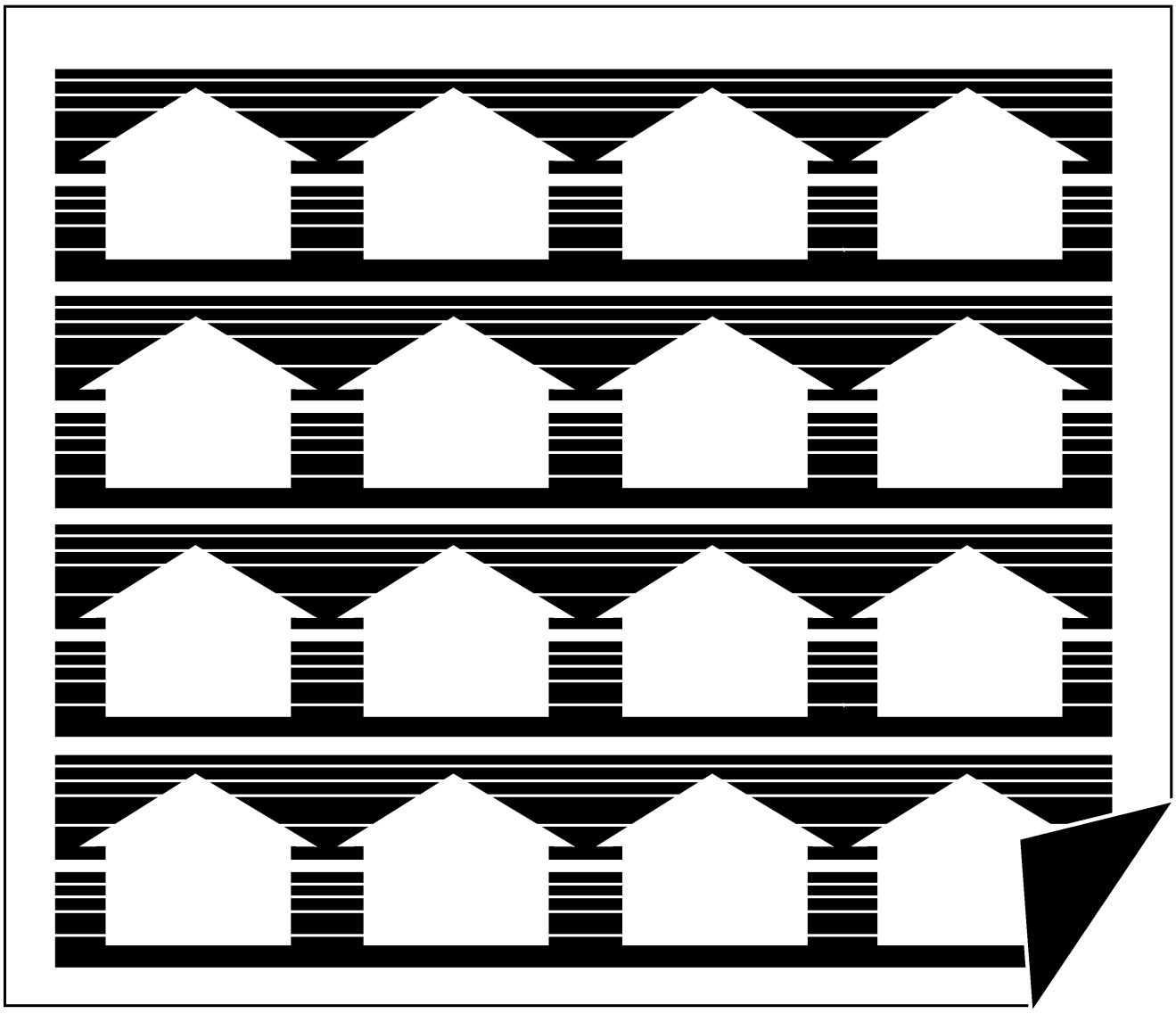
1990 CH-2-13

1990 Census of Housing

CENSUS '90

Detailed Housing Characteristics

Hawaii



ACKNOWLEDGMENTS

The Decennial Planning Division, **Susan M. Miskura,** Chief, coordinated and directed all census operations. **Patricia A. Berman,** Assistant Division Chief for Content and Data Products, directed the development and implementation of the 1990 Census Tabulation and Publication Program. Other assistant division chiefs were **Robert R. Bair, Rachel F. Brown, James L. Dinwiddie, Allan A. Stephenson,** and **Edwin B. Wagner, Jr.** The following branch chiefs made significant contributions: **Cheryl R. Landman, Adolfo L. Paez, A. Edward Pike,** and **William A. Starr.** Other important contributors were **Linda S. Brudvig, Cindy S. Easton, Avis L. Foote, Carolyn R. Hay, Douglas M. Lee, Gloria J. Porter,** and **A. Nishea Quash.**

The Decennial Operations Division, **Arnold A. Jackson,** Chief, was responsible for processing and tabulating census data. Assistant division chiefs were: **Donald R. Dalzell, Kenneth A. Riccini, Billy E. Stark,** and **James E. Steed.** Processing offices were managed by **Alfred Cruz, Jr., Earle B. Knapp, Jr., Judith N. Petty, Mark M. Taylor, Russell L. Valentine, Jr., Carol A. Van Horn,** and **C. Kemble Worley.** The following branch chiefs made significant contributions: **Jonathan G. Ankers, Sharron S. Baucom, Catharine W. Burt, Vickie L. Cotton, Robert J. Hemmig, George H. McLaughlin, Carol M. Miller, Lorraine D. Neece, Peggy S. Payne, William L. Peil, Cotty A. Smith, Dennis W. Stoudt,** and **Richard R. Warren.** Other important contributors were **Eleanor I. Banks, Miriam R. Barton, Danny L. Burkhead, J. Kenneth Butler, Jr., Albert A. Csellar, Donald H. Danbury, Judith A. Dawson, Donald R. Dwyer, Beverly B. Fransen, Katherine H. Gilbert, Lynn A. Hollabaugh, Ellen B. Katzoff, Randy M. Klear, Norman W. Larsen, Peter J. Long, Sue Love, Patricia O. Madson, Mark J. Matsko, John R. Murphy, Dan E. Philipp, Eugene M. Rashlich, Willie T. Robertson, Barbara A. Rosen, Sharon A. Schoch, Imelda B. Severdia, Diane J. Simmons, Emmett F. Spiers, Johanne M. Stovall, M. Lisa Sylla,** and **Jess D. Thompson.**

The Housing and Household Economic Statistics Division, **Daniel H. Weinberg,** Chief, developed the questionnaire content, designed the data tabulations, and reviewed the data for the economic and housing characteristics. **Gordon W. Green, Jr.,** Assistant Division Chief for Economic Characteristics, and **Leonard J. Norry,** Assistant Division Chief for Housing Characteristics, directed the development of this work. The following branch chiefs made significant contributions: **William A. Downs, Peter J. Fronczek, Patricia A. Johnson, Enrique J. Lamas, Charles T. Nelson,** and **Thomas S. Scopp.** Other important contributors were **Eleanor F. Baugher, Jeanne C. Benetti, Robert L. Bennefield, Robert W. Bonnette, William S. Chapin, Higinio Feliciano, Timothy S. Grall, Cynthia J. Harpine, Selwyn Jones, Mary C. Kirk, Richard G. Kreinsen, Gordon H. Lester, Mark S. Littman, Wilfred T. Masumura, John M. McNeil, Diane C. Murphy, George F. Patterson, Thomas J. Palumbo, Kirby G. Posey, John Priebe, Anne D. Smoler,** and **Carmina F. Young.**

The Population Division, **Paula J. Schneider,** Chief, developed the questionnaire content, designed the data tabulations, and reviewed the data for the demographic and social characteristics of the population. **Philip N. Fulton,** Assistant Division Chief for Census Programs, directed the development of this work. Other assistant division chiefs were **Nampeo R. McKenney** and **Arthur J. Norton.** The following branch and staff chiefs made significant contributions: **Jorge H. del Pinal, Campbell J. Gibson, Roderick J. Harrison, Donald J. Hernandez, Jane H. Ingold, Martin T. O'Connell, Marie Pees, J. Gregory Robinson, Phillip A. Salopek, Paul M. Siegel, Robert C. Speaker, Gregory K. Spencer,** and **Cynthia M. Taeuber.** Other important contributors were **Celia G. Boertlein, Rosalind R. Bruno, Janice A. Costanzo, Rosemarie C. Cowan, Arthur R. Cresce, Larry G. Curran, Carmen DeNavas, Robert O. Grymes, Kristin A. Hansen, Mary C. Hawkins, Rodger V. Johnson, Michael J. Levin, Edna L. Paisano, Sherry B. Pollock, Stanley J. Rolark, A. Dianne Schmidley, Denise I. Smith,** and **Nancy L. Sweet.**

The Data User Services Division, **Gerard C. Iannelli,** then Chief, directed the development of data product dissemination and information to increase awareness, understanding, and use of census data. **Marie G. Argana,** Assistant Chief for Data User Services, directed preparation of electronic data products and their dissemination. **Alfonso E. Mirabal,** Assistant Chief for Group Information and Advisory Services, directed activities related to the National Services Program, State Data Centers, and preparation of training materials. The following branch chiefs made significant contributions: **Deborah D. Barrett, Frederick G. Bohme, Larry W. Carbaugh, James P. Curry, Samuel H. Johnson, John C. Kavaliunas,** and **Forrest B. Williams.** Other important contributors were **Molly Abramowitz, Celestin J. Aguigui, Barbara J. Aldrich, Delores A. Baldwin, Albert R. Barros, Geneva A. Burns, Carmen D. Campbell, James R. Clark, Virginia L. Collins, George H. Dailey, Jr., Barbara L. Hatchl, Theresa C. Johnson, Paul T. Manka, John D. McCall, Jo Ann Norris, David M. Pemberton, Sarabeth Rodriguez, Charles J. Wade, Joyce J. Ware,** and **Gary M. Young.**

The Geography Division, **Robert W. Marx,** Chief, directed and coordinated the census mapping and geographic activities. **Jack R. George,** Assistant Division Chief for Geoprocessing, directed the planning and development of the TIGER System and related software. **Robert A. LaMacchia,** Assistant Division Chief for Planning, directed the planning and implementation of processes for defining 1990 census geographic areas. **Silla G. Tomasi,** Assistant Division Chief for Operations, managed the planning and implementation of 1990 census mapping applications using the TIGER System. The following branch chiefs made significant contributions: **Frederick R. Broome, Charles E. Dingman, Linda M. Franz, David E. Galdi, Dan N. Harding, Donald I. Hirschfeld, David B. Meixler, Peter Rosenson, Joel Sobel, Brian Swanhart,** and **Richard Trois.** Other important contributors were **Gerard Boudriault, Desmond J. Carron, Anthony W. Costanzo, Paul W. Daisey, Beverly A. Davis, Carl S. Hantman, Christine J. Kinnear, Terence D. McDowell, Linda M. Pike, Rose J. A. Quarato, Lourdes Ramirez, Gavin H. Shaw, Daniel L. Sweeney, Timothy F. Trainor, Phyllis S. Willette,** and **Walter E. Yergen.**

The Statistical Support Division, **John H. Thompson,** Chief, directed the application of mathematical statistical techniques in the design and conduct of the census. **John S. Linebarger,** Assistant Division Chief for Quality Assurance, directed the development and implementation of operational and software quality assurance. **Henry F. Woltman,** Assistant Division Chief for Census Design, directed the development and implementation of sample design, disclosure avoidance, weighting, and variance estimation. **Howard Hogan** and **David V. Bateman** were contributing assistant division chiefs. The following branch chiefs made significant contributions: **Florence H. Abramson, Deborah H. Griffin, Richard A. Griffin, Lawrence I. Iskow,** and **Michael L. Mersch.** Other important contributors were **Linda A. Flores-Baez, Larry M. Bates, Somonica L. Green, James E. Hartman, Steven D. Jarvis, Alfredo Navarro, Eric L. Schindler, Carolyn T. Swan,** and **Glenn D. White.**

The 1990 Census Redistricting Data Office, **Marshall L. Turner, Jr.,** Chief, assisted by **Cathy L. Talbert,** directed the development and implementation of the 1990 Census Redistricting Data Program.

The Administrative and Publications Services Division, **Walter C. Odom,** Chief, provided direction for the census administrative services, publications, printing, and graphics functions. **Michael G. Garland** was a contributing assistant division chief. The following branch and staff chiefs made significant contributions: **Bernard E. Baymler, Albert W. Cosner, Gary J. Lauffer, Gerald A. Mann, Clement B. Nettles, Russell Price,** and **Barbara J. Stanard.** Other important contributors were **Barbara M. Abbott, Robert J. Brown, David M. Coontz,** and **John T. Overby.**

The Data Preparation Division, **Joseph S. Harris,** Chief, provided management of a multi-operational facility including kit preparation, procurement, warehousing and supply, and census processing activities. **Plummer Alston, Jr.,** and **Patricia M. Clark** were assistant division chiefs.

The Field Division, **Stanley D. Matchett,** Chief, directed the census data collection and associated field operations. **Richard L. Bitzer, Richard F. Blass, Karl K. Kindel,** and **John W. Marshall** were assistant division chiefs. Regional office directors were **William F. Adams, John E. Bell, LaVerne Collins, Dwight P. Dean, Arthur G. Dukakis, Sheila H. Grimm, William F. Hill, James F. Holmes, Stanley D. Moore, Marvin L. Postma, John E. Reeder,** and **Leo C. Schilling.**

The Personnel Division, **David P. Warner,** Chief, provided management direction and guidance to the staffing, planning pay systems, and employee relations programs for the census. **Colleen A. Woodard** was the assistant chief.

The Technical Services Division, **C. Thomas DiNenna,** Chief, designed, developed, deployed, and produced automated technology for census data processing.

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1990 CH-2-13

1990 Census of Housing

Detailed Housing Characteristics

Hawaii

U.S. Department of Commerce
Ronald H. Brown, Secretary

Economics and Statistics Administration

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Washington, DC 20402.

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HOW TO USE THIS CENSUS REPORT

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INTRODUCTION

Data from the 1990 census are presented in several different report series. These series are published under the following three subject titles:

1. 1990 Census of Population (1990 CP)
2. 1990 Census of Housing (1990 CH)
3. 1990 Census of Population and Housing (1990 CPH)

The types of data and the geographic areas shown in reports differ from one series to another. In most series, there is one report for each State, the District of Columbia, Puerto Rico, and the Virgin Islands of the United States (Virgin Islands), plus a United States summary report. Some series include reports for American Indian and Alaska Native areas, metropolitan areas, and urbanized areas. See appendix F for detailed information about the various report series; additional 1990 census data products such as computer tapes, microfiche, and laser disks; other related materials; and sources of assistance.

The data from the 1990 census were derived from a limited number of basic questions asked of the entire population and about every housing unit (referred to as the 100-percent questions), and from additional questions asked of a sample of the population and housing units (referred to as the sample questions). Two primary versions of questionnaires were used: a short form containing only the 100-percent questions and a long form containing both the 100-percent questions and the additional sample questions. Appendix E presents facsimiles of the questionnaire pages and the respondent instructions used to collect the data included in this report. Appendix F lists the subjects that are covered by the 100-percent and sample components of the 1990 census.

Legal provision for this census, which was conducted as of April 1, 1990, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which is codified in Title 13, United States Code.

HOW TO FIND GEOGRAPHIC AREAS AND SUBJECT-MATTER DATA

This report includes a table finding guide to assist the user in locating those statistical tables that contain the data that are needed. The table finding guide lists alphabetically, by geographic area, the subjects shown in this report. To determine which tables in this report show data for a particular topic, find the subject in the left-hand column of the table finding guide and then look across the columns using the headings at the top for the desired type of geographic area. Below is an example of a table finding guide.

TABLE FINDING GUIDE

Subjects by Type of Geographic Area and Table Number

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For a description of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Table numbers without reference letters in parentheses indicate data for the total population only. Data by race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. Reference letters for population counts and subjects by race and Hispanic origin follow:

(A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin.
(B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai, All Pacific Islander, Hawaiian, Samoan, Guamanian.
(C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Colombian, Ecuadorian, Peruvian.
(D) Race by Hispanic origin.

Subject	The State		County		Place and (in selected States) county subdivision[2]		American Indian and Alaska Native area[3]
	Total	Urban, rural, size of place, and rural farm[1]	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
Age	20, 34, 65(B),	20, 56(A)	95, 106(A)	169, 171	135(A)	151	173(A)
Ancestry	17, 31	17	92	...	121	150	...
Disability	20, 34, 84(D)	20, 57(A)	95, 107(A)	...	136(A)	152	174(A)
Educational attainment	22, 36	22, 57(A)	97, 107(A)	169, 171	136(A)	160(A)	174(A)
Household type and relationship	21, 35	21, 56(A)	96, 106(A)	169, 171	135(A)	160(A)	173(A)
Industry	26, 40, 67(B)	26, 58(A)	101,108(A), 116(B),	170, 172	137(A) 148(C)	161(A) 167(C)	175(A)
Poverty status	29, 43, 72(B)	29, 63(A)	104, 113(A) 117(B)	170, 172	142(A) 149(C)	162(A) 168(C)	180(A)
Residence in 1985	23, 37, 67(B)	23, 60(A)	98, 110(A)	...	139(A)	155	177(A)
Veteran status	23, 37, 69(B)	23, 60(A)	98, 110(A)	...	139(A)	155	177(A)
Work status in 1989	27, 41, 69(B)	27, 60(A)	102, 110(A)	...	139(A)	155	177(A)

... Not applicable.

[1]Type of residence categories are less detailed in tables 56–64 (which show characteristics by race and Hispanic origin) than in other tables.

[2]The selected States are Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

[3]Characteristics are shown only for the American Indian, Eskimo, or Aleut population.

Tables identified in the table finding guide with a reference letter in parentheses after the table number present characteristics for racial groups or persons of Hispanic origin. The tables without reference letters contain data for the total population only. The table finding guide does not include cross-classifications of subject-matter items, nor does it distinguish among tables presenting data for all persons or housing units and tables presenting data for subgroups (for example, persons under 18 years or renter-occupied housing units) unless it is necessary to locate the subject.

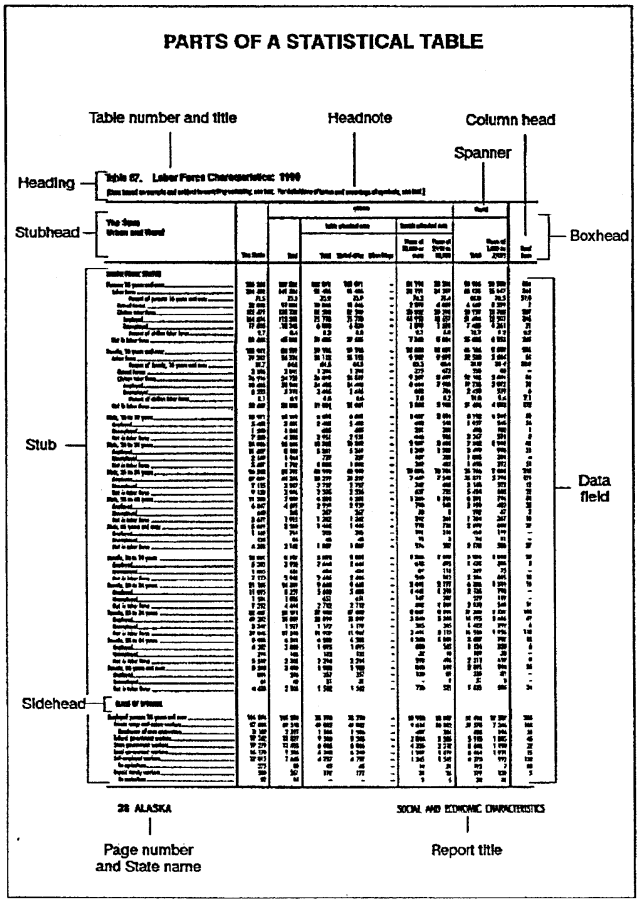
Additional information to locate data within specific reports often is provided in the headnote at the top of the table finding guide and in the footnotes at the bottom of the guide.

HOW TO USE THE STATISTICAL TABLES

Parts of a Statistical Table

The census data included in printed reports are arranged in tables. Each table includes four major parts: *(1) heading, (2) boxhead, (3) stub, and (4) data field.*

A typical census report table is illustrated below.



The *heading* consists of the table number, title, and headnote. The table number indicates the position of the table within the report, while the title is a brief statement indicating the classification, nature, and time reference of the data presented in the table. The headnote is enclosed in brackets and is located under the title. It contains statements that qualify, explain, or provide information pertaining to the entire table. In some tables showing racial and Hispanic origin groups, the headnote includes information that data are presented only when certain population-size criteria (thresholds) are met. (For more information on thresholds, see the ''User Notes'' section.)

The *boxhead* is under the heading. This portion of the table, which contains the individual column heads or captions, describes the data in each vertical column. In the boxhead of many tables, a spanner appears across and above two or more column heads or across two or more lower spanners. The purpose of a spanner is to classify or qualify items below it or separate the table into identifiable blocks in terms of major aspects of the data.

The *stub* is located at the left edge of the table. It includes a listing of line or row captions or descriptions. At the top of the stub is the stubhead. The stubhead is considered to be an extension of the table title and usually shows generic geographic area designations and restrictions.

In the stub, several features are used to help the user better understand the contents of the table. Usually, a block of data lines is preceded by a sidehead. The sidehead, similar to a spanner, describes and classifies the stub entries following it. The use of indentation in a stub indicates the relationship of one data line to another. Indented data lines represent subcategories that in most instances, sum to a total. Occasionally in tables, it is desirable to show one or more single-line subcategories that do not sum to the total. The unit of measure, such as dollars, is shown when it is not clear from the general wording of the data line.

The *data field* is that part of the table that contains the data. It extends from the bottom of the boxhead to the bottom of the table and from the right of the stub to the right-hand edge of the page.

Both geographic and subject-matter terms appear in tables. It is important to read the definitions of the terms used in the tables because census terms often are defined in special ways that reflect the manner in which the questions were asked and the data were tabulated. Definitions of geographic terms are provided in appendix A. Subject-matter terms are defined in appendix B.

Symbols and Geographic Abbreviations

The following symbols are used in the tables and explanations of subjects covered in this report:

- A dash ''-'' represents zero or a percent that rounds to less than 0.1.
- Three dots ''...'' mean not applicable.
- (NA) means not available.

- The prefix ''r'' indicates that the count has been revised since publication of 1980 reports or that the area was erroneously omitted or not shown in the correct geographic relationship in the 1980 census reports. This symbol appears only in the 1990 CPH-2, *Population and Housing Unit Counts* reports.
- A dagger ''†'' next to the name of a geographic area indicates that there has been a geographic change(s) (for example, an annexation or detachment, a new incorporation, or a name change) since the information published for the 1980 census for that area. This symbol appears only in the 1990 CPH-2, *Population and Housing Unit Counts* reports. The geographic change information for the entities in a State is shown in the ''User Notes'' section of 1990 CPH-2, *Population and Housing Unit Counts* report, for that State. The information for all States appears in the ''User Notes'' section of the technical documentation for Summary Tape Files 1 and 3.
- A plus sign ''+ '' or a minus sign ''–'' following a figure denotes that the median falls in the initial or terminal category of an open-ended distribution. (For more information on medians, see the discussion under ''Derived Measures'' in appendix B.)
- A minus sign ''–'' preceding a figure denotes decrease.

The following geographic abbreviations are used in the tables and explanations of subjects covered in this report:

- A ''(pt.)'' next to the name of a geographic area in a hierarchical presentation indicates that the geographic entity is only partially located in the superior geographic entity. For example, a ''(pt.)'' next to a place name in a county subdivision-place hierarchy indicates that the place is located in more than one county subdivision. (Places also may be ''split'' by county, congressional district, urban/ rural, metropolitan area, voting district, and other geographic boundaries, depending on the presentation.) Other geographic entities also can be''split'' by a higher-level entity. The exception is a tabulation block, which is unique within all geographic entities in census products.
- BG is block group.
- BNA is block numbering area.
- CDP is census designated place.
- CMSA is consolidated metropolitan statistical area.
- MA is metropolitan area.
- MSA is metropolitan statistical area.
- PMSA is primary metropolitan statistical area.
- TDSA is tribal designated statistical area.
- TJSA is tribal jurisdiction statistical area.
- unorg. is unorganized territory.
- VTD is voting district.

Census tables often include derived measures such as medians, means, percents, and ratios. More detailed information about derived measures is provided in appendix B.

GRAPHICS

Charts, statistical maps, and other graphic summaries are included in some 1990 census reports. If graphics are shown in a report, they are presented immediately after the ''User Notes'' section.

USER NOTES

User notes include corrections, errata, and related explanatory information. This section appears directly before the statistical tables in census reports unless graphics are shown. It presents information about unique characteristics of the report and changes or corrections made too late to be reflected in the text or tables themselves.

CONTENTS OF THE APPENDIXES

Appendix A—Provides definitions of the types of geographic areas and related information used in census reports.

Appendix B—Contains definitions for the subject-matter items used in census reports, including explanations of derived measures, limitations of the data, and comparability with previous censuses. The subjects are listed alphabetically. In reports that contain both population and housing characteristics, the population characteristics are described first, followed by the explanations of the housing subjects.

Appendix C—Provides information on confidentiality of the data, allocations and substitutions, and sources of errors in the data.

Appendix D—Explains the residence rules used in counting the population and housing units, presents a brief overview of data collection operations, and describes processing procedures used to convert data from unedited questionnaires to final 1990 publications and tapes. This appendix also clarifies the procedures used to collect data for persons abroad at the time of the census, where persons on military bases or away at school were counted, how data were collected for persons in institutions, and which citizens of foreign countries were included in the U.S. data.

Appendix E—Presents a facsimile of the 1990 census questionnaire pages and the respondent instructions used to collect the data in this report.

Appendix F—Summarizes the 1990 census data products program by describing the information available in printed reports and in other sources, such as microfiche or computer tape; and provides information on where to obtain assistance.

Appendix G—Contains maps depicting the geographic areas shown in this report.

TABLE FINDING GUIDE

Subjects by Type of Geographic Area and Table Number

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For definitions of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. When a range of table numbers is shown together with a reference letter, there is one table for each race and Hispanic origin group. Reference letters for housing characteristics by race and Hispanic origin of householder are:

(A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin
(B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai; all Pacific Islander, Hawaiian, Samoan, Guamanian
(C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Argentinean, Chilean, Colombian, Ecuadorian, Peruvian, Venezuelan, All other Hispanic origin
(D) Race by Hispanic origin

Subject	The State			County		Place and (in selected States) county subdivision[1]		American Indian and Alaska Native area[2]
	Total	Urban, rural, size of place, and rural farm	Inside and outside metropolitan area	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
SUMMARY CHARACTERISTICS	1, 6-11(A)	1, 6-11(A)	1, 6-11(A)	1, 6-11(A)	...	1, 6-11(A)	1, 6-11(A)	12
HOUSEHOLDER COUNTS BY RACE AND HISPANIC ORIGIN	2-3(A-D), 96(A)	2(A-D)	3(A-D)	4(A-D)	96(A)	5(A-D)	5(A-D)	...
Bedrooms	13, 17-22(A), 35, 39-44(A), 57(B),60(C), 63(D), 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	99	79, 83(A), 86(B), 89(C)	...	...
Condominium units	13, 35	13	35	66	...	79	...	...
Householder 65 years and over	14, 23-28(A) 36, 45-50(A), 58(B), 61(C), 64(D), 97	14, 23-28(A)	35, 45-50(A)	67, 71(A), 74(B), 77(C)	97	80, 84(A), 87(B), 90(C)	...	100
Heating fuel	14, 17-22(A), 36, 39-44(A), 57(B), 60(C), 63(D), 97, 99	14, 17-22(A)	36, 39-44(A)	67, 70(A), 73(B), 76(C)	97, 99	80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Income in 1989, household	15, 23-28(A), 37, 45-50(A), 58(B), 61(C), 64(D), 98, 99	15, 23-28(A)	37, 45-50(A)	68, 71(A), 74(B), 77(C)	98, 99	81, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Income in 1989 by gross rent as a percentage of household income in 1989	16, 29-34(A), 38, 51-56(A), 59(B), 62(C), 65(D)	16, 29-34(A)	38, 51-56(A)	69, 72(A), 75(B), 78(C)	...	82, 85(A), 88(B), 91(C)	...	...
Income in 1989 by selected monthly owner costs as a percentage of household income in 1989	16, 29-34(A), 38, 51-56(A), 59(B), 62(C), 65(D)	16, 29-34(A)	38, 51-56(A)	69, 72(A), 75(B), 78(C)	...	82, 85(A), 88(B), 91(C)	...	...
Gross rent	15, 23-28(A), 37, 45-50(A), 58(B), 61(C), 64(D), 98	15, 23-28(A)	37, 45-50(A)	68, 71(A), 74(B), 77(C)	98	81, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Gross rent as percentage of household income in 1989	98	...	...	...	98	...	92, 93(A), 94(B), 95(C)	100

See symbol and footnotes at end of table.

Subjects by Type of Geographic Area and Table Number—Con.

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For definitions of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. When a range of table numbers is shown together with a reference letter, there is one table or specific data within the table for each race and Hispanic origin group. Reference letters for housing characteristics by race and Hispanic origin of householder are:

(A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin
(B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai; all Pacific Islander, Hawaiian, Samoan, Guamanian
(C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Argentinean, Chilean, Colombian, Ecudoran, Peruvian, Venezuelan, All other Hispanic origin
(D) Race by Hispanic origin

Subject	The State			County		Place and (in selected States) county subdivision[1]		American Indian and Alaska Native area[2]
	Total	Urban, rural, size of place, and rural farm	Inside and outside metropolitan area	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
Kitchen facilities	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	...	...
Mobile homes	13, 35	13	35	66	...	79	...	...
Mortgage status and selected monthly owner costs	15, 23-28(A), 37, 45-50(A), 58(B), 61(C), 64(D), 98	15, 23-28(A)	37, 45-50(A)	68, 71(A), 74(B), 77(C)	98	81, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Mortgage status and selected monthly owner costs as a percentage of household income in 1989	15, 37, 98	15	37	68	98	81	92, 93(A), 94(B), 95(C)	100
Plumbing facilities	13, 14, 17-22(A), 35, 36, 39-44(A), 57(B), 60(C), 63(D), 96, 97, 99	13, 14, 17-22(A)	35, 36, 39-44(A)	66, 67, 70(A), 73(B), 76(C)	96, 97, 99	79, 80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Poverty level in 1989, households below	14, 23-28(A), 36, 45-50(A), 58(B), 61(C), 64(D), 97, 99	14, 23-28(A)	36, 45-50(A)	67, 71(A), 74(B), 77(C)	97, 99	80, 84(A), 87(B), 90(C)	92, 93(A), 94(B), 95(C)	100
Second mortgage or home equity loan	13, 35	13	35	66	...	79	...	...
Sewage disposal	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Source of water	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Telephone in unit	14, 36	14	36	67	...	80	...	...
Tenure	13, 17-22(A), 35, 39-44(A), 57(B), 60(C), 63(D), 96(A)	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96(A)	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Vacancy status	13, 35, 96	13	35	66	96	79	...	...
Vehicles available	14, 17-22(A), 36, 39-44(A), 57(B), 60(C), 63(D), 97, 99	14, 17-22(A)	36, 39-44(A)	67, 70(A), 73(B), 76(C)	97, 99	80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100

See symbol and footnotes at end of table.

Subjects by Type of Geographic Area and Table Number—Con.

Subjects covered in this report are shown on the left side, and types of geographic areas are shown at the top. For definitions of area classifications, see appendix A. For definitions and explanations of subject characteristics, see appendix B. Race and Hispanic origin are indicated with reference letters in parentheses after the table numbers. When a range of table numbers is shown together with a reference letter, there is one table or specific data within the table for each race and Hispanic origin group. Reference letters for housing characteristics by race and Hispanic origin of householder are:

(A) White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Hispanic origin; White, not of Hispanic origin
(B) American Indian, Eskimo, Aleut, All Asian, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Cambodian, Hmong, Laotian, Thai; all Pacific Islander, Hawaiian, Samoan, Guamanian
(C) Mexican, Puerto Rican, Cuban, Other Hispanic origin, Dominican, Central American, Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, South American, Argentinean, Chilean, Colombian, Ecudoran, Peruvian, Venezuelan, All other Hispanic origin
(D) Race by Hispanic origin

Subject	The State			County		Place and (in selected States) county subdivision[1]		American Indian and Alaska Native area[2]
	Total	Urban, rural, size of place, and rural farm	Inside and outside metropolitan area	Total	Rural or rural farm	10,000 or more	2,500 to 9,999	
Year householder moved into unit	14, 17-22(A), 36, 39-44(A), 57(B), 60(C), 63(D), 97, 99	14, 17-22(A)	36, 39-44(A)	67, 70(A), 73(B), 76(C)	97, 99	80, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100
Year structure built	13, 17-22(A), 35, 39-44(A), 57(B), 60C), 63(D), 96, 99	13, 17-22(A)	35, 39-44(A)	66, 70(A), 73(B), 76(C)	96, 99	79, 83(A), 86(B), 89(C)	92, 93(A), 94(B), 95(C)	100

... Not applicable for this report.

[1]The selected States are: Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

[2]Characteristics are shown only for the American Indian, Eskimo, or Aleut households.

USER NOTES

Additional information concerning this 1990 census product may be available at a later date. If you wish to receive these *User Notes*, contact:

Data User Services Division
Customer Services
Bureau of the Census
Washington, DC 20233
301-763-4100

Questions concerning the content of this report may be directed to:

William S. Chapin
Housing and Household Economic Statistics Division
Physical Characteristics Branch
Bureau of the Census
Washington, DC 20233

ADDITIONAL DEFINITIONS AND EXPLANATIONS OF DATA

GENERAL

User Note 1

Age Reporting—Review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age on April 1, 1990. In addition, there may have been a tendency for respondents to round up their age if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990, and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990, is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the discussion on comparability under ''Age'' in appendix B.)

User Note 2

The user should note that there are limitations to many of these data. Please refer to the text provided with this report for further explanations on the limitations of the data.

User Note 3

Estimated population and housing unit totals based on tabulations from only the sample questionnaires (sample tabulations) may differ from the official counts as tabulated from every census questionnaire (100-percent tabulations). Such differences result, in part, because the sample tabulations are based on information from a sample of households rather than from all households (sampling error). Differences also can occur because the interview situation (length of questionnaire, effect of the interviewer, etc.) and the processing rules differ between the 100-percent and sample tabulations. These types of differences are referred to as nonsampling errors. (For more information on nonsampling error, see appendix C.)

The 100-percent data are the official counts and should be used as the source of information on population and housing items collected on the 100-percent questionnaire, such as age, race, Hispanic origin, number of rooms, and tenure. This is especially appropriate when the primary focus is on counts of the population or housing units for small areas such as census tracts/ BNA's, block groups, and for American Indian and Alaska Native areas. For estimates of counts of persons and housing units by characteristics asked only on a sample basis (such as education, labor force status, income, and source of water), the sample estimates should be used within the context of the error associated with them.

Many users are interested in tabulations of items collected on the sample cross-classified by items collected on a 100-percent basis such as age, race, sex, Hispanic origin, and housing units by tenure. Given the way the weights were applied during sample tabulations, generally, there is exact agreement between sample estimates and 100-percent counts for total population and total housing units for most geographic areas. At the State level and higher geographic levels, sample estimates and 100-percent counts for population by age, sex, race, and Hispanic origin and for housing units by tenure, number of rooms and so on would be reasonably similar and, in some cases, the same.

At smaller geographic levels, including census tract/ BNA, there is still general agreement between 100-percent

counts and sample estimates of total population or housing units. At smaller geographic levels, however, there will be expected differences between sample estimates and 100-percent counts for population by age, sex, race, and Hispanic origin and for housing units by tenure, number of rooms and so on. In these cases, users may want to consider using derived measures (such as means and medians) or percent distributions. Whether using absolute numbers or derived measures for small population groups and for a small number of housing units in small geographic areas, users should be cautioned that the sampling error associated with these data may be large.

Even though the differences between sample estimates and 100-percent counts for these categories are generally small, the differences for the American Indian, as well as the Hispanic origin populations, are relatively larger than for other groups. The following provides some explanation for these differences.

State-level sample estimates of the number of American Indians are generally higher than the corresponding 100-percent counts. It appears the differences are primarily the result of proportionately higher reporting of ''Cherokee'' tribe on sample questionnaires. This phenomenon occurs primarily in off-reservation areas. The reasons for the greater reporting of Cherokee on sample forms are not fully known at this time. The Census Bureau will do research to provide more information on this phenomenon.

For the Hispanic origin population, sample estimates at the State level are generally lower than the corresponding 100-percent counts. The majority of difference is caused by the 100-percent and sample processing of the Hispanic question on the sample questionnaire when the respondent did not mark any response category. When processing the sample, we used written entries in race or Hispanic origin as well as responses to questions only asked on the sample, such as ancestry and place of birth. These procedures led to a lower proportion of persons being assigned as Hispanic in sample processing than were assigned during 100-percent processing. The Census Bureau will evaluate the effectiveness of the 100-percent and sample procedures.

As in previous censuses, the Census Bureau will evaluate the quality of the data and make this information available to data users. In the meanwhile, both 100-percent and sample data serve very important purposes and, therefore, should be used within the limitations of the sampling and nonsampling errors.

User Note 4

Thresholds and Complementary Thresholds—To show characteristics for a large number of racial and Hispanic groups and to avoid using a large number of pages to show characteristics for small population groups, population thresholds are used in some tables in this report. Also, complementary population thresholds are used in some tables to avoid showing largely repetitive data for the White population and for the White, not of Hispanic origin population. Specifically, complementary thresholds are used to limit the presentation of characteristics for the White population when the population of races other than White is small and for the White, not of Hispanic origin population when the Hispanic origin population is small.

For example, assume that the threshold and complementary threshold are 1,000 in a table showing data by race and Hispanic origin for counties. The threshold of 1,000 applies to each group, and in addition, the complementary threshold of 1,000 applies to White and to White, not of Hispanic origin. Figure 1 shows how the threshold and complementary threshold for race and Hispanic origin apply for a hypothetical county. (For simplicity, it is assumed that the ''Other race'' population of the county is zero because characteristics are not shown for the ''Other race'' population below the State level.) Thresholds are calculated for each race and Hispanic origin population

Figure 1. **Thresholds and Complementary Thresholds**

Race and Hispanic origin	Population	Characteristics shown	Reason
All persons	15,300	Yes	Threshold does not apply to total population.
White	13,800	Yes	Threshold and complementary threshold apply. There are 1,000 or more White persons, *and* there are 1,000 or more persons of races other than White.
Black	1,100	Yes	Threshold applies. There are 1,000 or more Black persons.
American Indian, Eskimo, or Aleut	100	No	Threshold applies. There are fewer than 1,000 American Indian, Eskimo, or Aleut persons.
Asian or Pacific Islander	300	No	Threshold applies. There are fewer than 1,000 Asian or Pacific Islander persons.
Hispanic origin (of any race)	300	No	Threshold applies. There are fewer than 1,000 Hispanic persons.
White, not of Hispanic origin	13,500	No	Threshold and complementary threshold apply. There are 1,000 or more White, not of Hispanic origin persons, *but* there are fewer than 1,000 Hispanic origin persons.

Figure 2. **Race and Hispanic Population Subgroups**

Race	Hispanic origin
White	Hispanic origin (of any race)
Black	Mexican
American Indian, Eskimo, or Aleut	Puerto Rican
American Indian	Cuban
Eskimo	Other Hispanic
Aleut	Dominican (Dominican Republic)
Asian or Pacific Islander	Central American
All Asian	Costa Rican
Chinese	Guatemalan
Filipino	Honduran
Japanese	Nicaraguan
Asian Indian	Panamanian
Korean	Salvadoran
Vietnamese	South American
Cambodian	Argentinean
Hmong	Chilean
Laotian	Colombian
Thai	Ecuadorian
All Pacific Islander	Peruvian
Hawaiian	Venezuelan
Samoan	All other Hispanic origin
Guamanian	

subgroup as shown in figure 2 above. (For more information on the race and Hispanic origin categories, see appendix B.)

The Census Bureau provides data in greater subject-matter and geographic detail on summary tape files (STF's) than in printed reports. Each printed report is derived from a specific summary tape file. For data not shown in a report because of the application of thresholds or complementary thresholds, see the corresponding summary tape file. For more information on computer tapes and other data products, see appendix F.

User Note 5

The Hispanic origin groups included in the category, ''All other Hispanic origin'' may vary among some data products. Persons of Hispanic origin are those who classified themselves in one of the specific Hispanic origin groups listed on the census questionnaire—''Mexican,'' ''Puerto Rican,'' ''Cuban,'' or ''other Spanish/ Hispanic'' origin.

In the tables of this report, the category, ''All other Hispanic origin'' includes only those persons who reported ''other Spanish/ Hispanic,'' *and* are not included in the specific groups listed under ''Other Hispanic.''

In other selected data products, ''All other Hispanic origin'' is a residual category that includes all persons who reported any Hispanic origin group but were not tabulated in any of the Hispanic origin groups listed in the table. (For more information on Hispanic origin, see appendix B.)

GEOGRAPHIC NAMES AND PRESENTATION

GENERAL

User Note 1

The latitude and longitude values shown by tick marks in the margins of the County Subdivision Outline Maps in appendix G are approximate. They are shown only for general reference. They are displayed accurately on the State and County Outline Maps.

Table 1. **Summary of Detailed Housing Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	All housing units							Occupied housing units					
			Percent							Percent			Specified owner, median selected monthly owner costs (dollars)	
						Year structure built								
		Total	Condominium	Lacking complete plumbing facilities	Lacking complete kitchen facilities	1980 to March 1990	1939 or earlier	Median year structure built	Total	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	With a mortgage	Not mortgaged	Specified renter, median gross rent (dollars)
The State	**1 108 229**	**389 810**	**20.8**	**1.1**	**1.6**	**20.8**	**6.7**	**1970**	**356 267**	**23.2**	**9.9**	**2.6**	**1 008**	**170**	**650**
URBAN AND RURAL AND SIZE OF PLACE															
Urban	985 819	341 703	22.1	.8	1.4	19.3	5.9	1970	316 945	23.0	10.3	2.3	1 049	177	659
Inside urbanized area	747 028	255 180	24.4	.6	1.3	15.6	5.8	1968	241 559	22.9	11.4	1.9	1 149	188	665
Central place	402 090	158 021	30.1	.7	1.7	11.0	7.2	1966	146 406	21.3	16.1	2.4	1 202	196	635
Urban fringe	344 938	97 159	15.1	.3	.6	23.1	3.5	1971	95 153	25.3	4.3	1.2	1 117	171	752
Outside urbanized area	238 791	86 523	15.4	1.3	1.6	30.3	6.1	1974	75 386	23.4	6.6	3.4	830	149	631
Place of 10,000 or more	76 115	29 503	16.4	.4	1.3	23.9	7.2	1972	26 014	20.7	8.2	3.1	774	146	525
Place of 2,500 to 9,999	162 676	57 020	14.9	1.8	1.8	33.6	5.5	1976	49 372	24.9	5.8	3.6	863	153	697
Rural	122 410	48 107	11.6	3.5	3.1	31.3	12.6	1973	39 322	24.5	6.4	5.5	695	133	534
Place of 1,000 to 2,499	58 052	22 664	10.0	2.1	1.6	31.6	13.5	1973	19 580	24.9	7.4	4.0	687	137	561
Place of less than 1,000	15 537	8 322	34.0	2.7	3.2	24.1	12.8	1973	5 374	23.2	6.3	4.6	673	124	488
Other rural	48 821	17 121	2.9	5.7	5.2	34.5	11.2	1975	14 368	24.4	5.0	7.8	714	128	526
Rural farm	6 277	1 958	–	4.3	2.8	28.1	15.3	1972	1 958	11.6	1.8	4.5	770	178	515
INSIDE AND OUTSIDE METROPOLITAN AREA															
Inside metropolitan area	836 231	281 683	23.5	.6	1.3	15.9	5.8	1968	265 304	23.1	11.1	2.1	1 121	185	663
In central city	365 272	145 796	31.6	.8	1.7	10.9	7.6	1966	134 563	21.2	17.2	2.6	1 190	196	623
Not in central city	470 959	135 887	14.9	.5	.8	21.3	3.9	1971	130 741	25.0	4.8	1.6	1 096	171	732
Urban	441 073	126 246	14.8	.4	.8	21.4	3.6	1971	122 397	24.8	4.6	1.5	1 105	171	745
Inside urbanized area	381 756	109 384	14.7	.3	.7	21.9	3.4	1970	106 996	24.9	4.2	1.2	1 132	175	764
Outside urbanized area	59 317	16 862	15.5	1.3	1.2	18.2	4.5	1972	15 401	23.6	7.8	3.9	912	143	650
Rural	29 886	9 641	15.1	1.1	1.8	19.3	7.8	1970	8 344	28.6	6.7	3.2	802	153	601
Outside metropolitan area	271 998	108 127	13.7	2.3	2.4	33.6	9.1	1975	90 963	23.4	6.3	4.2	771	142	590
Urban	179 474	69 661	15.4	1.3	1.7	33.2	6.5	1975	59 985	23.4	6.3	3.3	812	150	624
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	179 474	69 661	15.4	1.3	1.7	33.2	6.5	1975	59 985	23.4	6.3	3.3	812	150	624
Place of 10,000 or more	76 115	29 503	16.4	.4	1.3	23.9	7.2	1972	26 014	20.7	8.2	3.1	774	146	525
Place of 2,500 to 9,999	103 359	40 158	14.6	2.0	2.0	40.0	6.0	1977	33 971	25.4	4.9	3.4	843	157	718
Rural	92 524	38 466	10.8	4.1	3.5	34.4	13.8	1974	30 978	23.4	6.3	6.1	675	132	515
COUNTY															
Hawaii County	120 317	48 253	8.1	3.6	3.4	35.1	10.8	1975	41 461	23.2	7.5	5.5	667	130	491
Honolulu County	836 231	281 683	23.5	.6	1.3	15.9	5.8	1968	265 304	23.1	11.1	2.1	1 121	185	663
Kalawao County	130	101	–	–	5.9	–	76.2	1940–	62	29.0	41.9	9.7	–	–	125
Kauai County	51 177	17 613	5.1	1.3	1.8	32.3	10.2	1973	16 295	20.0	4.8	3.0	829	152	618
Maui County	100 374	42 160	23.8	1.2	1.4	32.5	6.5	1975	33 145	25.3	5.6	3.2	930	160	722
PLACE AND COUNTY SUBDIVISION															
Ahuimanu CDP	8 387	2 537	27.0	.4	1.0	27.7	.8	1975	2 487	19.3	2.7	.2	1 184	224	904
Aiea CDP	8 906	2 678	4.9	.3	.5	8.7	9.6	1960	2 628	11.5	5.3	1.0	989	180	882
Aliamanu CDP	8 835	2 353	7.3	–	–	15.0	–	1975	2 327	43.5	1.3	.5	2 000+	–	598
Captain Cook CDP	2 725	975	4.4	9.6	3.5	27.1	16.9	1967	892	23.3	.6	3.9	888	134	482
Ewa Beach CDP	14 255	3 412	5.3	.6	.9	7.4	2.9	1969	3 341	14.1	3.6	1.0	910	149	755
Ewa Villages CDP	3 780	939	–	–	1.6	47.9	18.6	1960	902	6.5	8.6	1.8	709	128	123
Fort Shafter CDP	2 952	917	–	–	–	–	15.7	1954	911	44.5	1.1	1.1	–	100–	693
Haiku-Pauwela CDP	4 573	1 654	–	4.7	1.9	40.8	10.8	1977	1 528	22.1	3.7	2.9	923	143	718
Halawa CDP	13 408	4 094	16.7	–	.8	24.3	.9	1966	4 020	18.9	6.6	1.2	1 076	188	756
Hanamaulu CDP	3 604	900	–	1.0	2.1	15.7	2.9	1970	885	7.9	5.9	3.2	589	142	580
Hauula CDP	3 381	973	–	3.0	.5	17.5	9.5	1969	860	25.3	11.3	2.3	986	128	717
Hawaiian Beaches CDP	2 774	988	–	3.0	2.3	30.3	–	1977	885	22.5	4.3	5.0	477	118	530
Hawaiian Paradise Park CDP	3 369	1 309	–	5.4	6.6	58.7	2.1	1982	1 115	31.9	1.3	5.0	600	105	553
Heeia CDP	5 010	1 557	7.5	–	–	7.3	.9	1969	1 530	8.8	.7	–	1 285	192	1 303
Hickam Housing CDP	6 553	1 841	1.4	.3	–	2.2	22.7	1952	1 825	39.4	1.3	.7	–	100–	722
Hilo CDP	37 728	14 135	7.9	.4	1.8	17.6	9.9	1970	13 327	18.3	10.2	4.0	691	136	420
Holualoa CDP	3 736	2 048	16.3	1.4	3.5	40.5	5.6	1977	1 535	31.3	5.7	1.8	949	236	729
Honolulu CDP	365 272	145 796	31.6	.8	1.7	10.9	7.6	1966	134 563	21.2	17.2	2.6	1 190	196	623
Iroquois Point CDP	4 188	1 180	1.2	–	.5	.3	1.8	1962	1 174	42.2	1.4	–	1 375	–	779
Kahaluu CDP	3 068	960	–	–	1.1	11.5	2.2	1963	924	16.3	4.0	1.7	994	190	716
Kahului CDP	16 889	5 136	7.1	.3	.9	21.5	1.3	1971	5 017	13.5	8.5	1.3	776	158	582
Kailua CDP, Hawaii County	9 224	3 617	29.8	.9	.9	42.7	1.8	1978	3 065	33.5	6.7	3.7	903	185	597
Kailua CDP, Honolulu County	36 818	12 225	11.7	.1	1.5	12.5	3.0	1963	11 843	21.7	3.2	.9	1 245	197	883
Kalaheo CDP	3 592	1 199	4.1	–	–	32.9	14.5	1973	1 152	19.5	1.6	3.6	813	152	682
Kalaoa CDP	4 490	1 685	–	1.5	1.8	58.1	.4	1982	1 548	25.8	1.5	.6	1 046	210	946
Kaneohe CDP	35 448	10 849	18.6	.2	1.2	19.6	1.8	1968	10 610	18.8	4.4	.5	1 032	180	845
Kaneohe Station CDP	11 662	2 030	–	.4	–	8.0	1.5	1963	2 014	47.6	.9	1.1	–	–	491
Kapaa CDP	8 149	2 736	2.8	1.2	2.3	37.5	10.4	1974	2 552	22.3	7.7	3.6	822	147	671
Kaunakakai CDP	2 623	990	10.8	–	–	37.0	.7	1976	837	18.3	11.9	10.9	452	163	357
Kekaha CDP	3 506	1 106	–	2.4	1.4	21.7	15.9	1971	1 037	8.9	8.2	2.5	577	153	352
Kihei CDP	10 878	6 395	46.9	–	.9	42.4	.5	1978	4 009	42.9	3.4	1.8	1 295	216	863
Lahaina CDP	9 073	2 982	15.8	3.1	2.9	18.7	9.8	1973	2 654	22.8	11.1	6.2	1 054	165	746
Laie CDP	5 577	1 122	1.5	1.9	.5	18.7	1.7	1974	1 018	33.5	6.3	8.6	938	223	513
Lihue CDP	5 536	2 227	17.6	.3	1.6	33.1	7.3	1974	2 065	23.0	7.0	3.5	837	170	726
Maili CDP	6 059	1 490	7.2	1.7	–	10.6	4.4	1967	1 414	23.3	5.8	3.1	890	141	568
Makaha CDP	7 947	3 127	39.6	.9	.7	15.8	2.6	1972	2 379	30.1	11.5	1.7	741	191	611
Makakilo City CDP	9 828	3 050	26.9	.2	.5	29.2	.4	1975	2 978	26.5	3.8	.1	1 268	183	971
Makawao CDP	5 344	1 780	–	.3	.2	50.8	10.5	1980	1 722	32.8	1.5	–	1 081	137	849
Maunawili CDP	4 847	1 443	–	1.2	1.2	2.9	.3	1964	1 422	10.5	1.2	.6	1 282	188	1 248
Mililani Town CDP	29 359	8 900	17.5	.1	.2	33.6	.1	1977	8 776	24.3	1.4	.6	1 293	180	1 074
Mountain View CDP	3 198	1 407	–	18.1	14.0	57.7	9.8	1981	1 143	20.5	4.9	15.3	563	100–	421
Nanakuli CDP	9 575	2 128	11.9	1.1	.8	14.5	7.6	1971	2 053	16.7	8.3	7.9	486	133	644
Napili-Honokowai CDP	4 357	3 097	56.7	–	.3	34.2	.5	1977	1 792	47.0	3.9	2.5	1 025	247	869
Pearl City CDP	30 993	8 999	4.9	.3	.9	12.6	.9	1966	8 876	16.1	3.5	.7	793	168	753
Pukalani CDP	5 879	1 898	–	–	–	39.6	1.4	1977	1 841	19.7	3.0	.9	926	173	797

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 1. **Summary of Detailed Housing Characteristics: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	All housing units							Occupied housing units						
			Percent			Year structure built				Percent			Specified owner, median selected monthly owner costs (dollars)		
		Total	Condo-minium	Lacking complete plumbing facilities	Lacking complete kitchen facilities	1980 to March 1990	1939 or earlier	Median year structure built	Total	House-holder moved into unit 1989 to March 1990	No vehicle available	No tele-phone in unit	With a mort-gage	Not mort-gaged	Specified renter, median gross rent (dollars)
PLACE AND COUNTY SUBDIVISION—Con.															
Pupukea CDP	4 140	1 450	–	.8	3.8	26.2	5.2	1974	1 297	26.4	2.9	3.0	1 411	176	816
Schofield Barracks CDP	19 597	3 556	3.7	.6	.6	5.9	13.9	1959	3 504	50.2	1.1	.7	–	–	402
Village Park CDP	7 407	2 176	5.0	–	.6	85.7	–	1986	2 038	29.6	–	–	1 584	169	1 221
Wahiawa CDP	17 386	5 765	6.0	.7	1.0	12.8	9.9	1958	5 619	22.6	13.8	3.5	942	146	560
Waialua CDP	4 052	1 258	–	3.5	4.2	11.1	12.8	1966	1 219	14.8	10.8	5.9	826	120	509
Waianae CDP	8 758	2 264	7.6	1.3	1.1	14.4	4.1	1972	2 183	17.4	10.5	5.7	547	151	519
Waihee-Waiehue CDP	4 004	1 076	1.5	–	1.3	50.3	8.2	1980	1 052	16.6	2.7	.5	983	136	803
Wailea-Makena CDP	3 799	3 070	49.1	.2	.2	51.7	–	1981	1 546	32.9	2.8	–	1 481	267	1 037
Wailua Homesteads CDP	3 870	1 299	–	–	1.2	48.2	1.5	1979	1 238	24.6	1.5	–	1 043	176	842
Wailuku CDP	10 620	3 837	9.6	1.0	1.1	19.4	16.3	1962	3 661	15.2	5.5	3.5	950	152	556
Waimalu CDP	29 967	10 613	45.9	.2	.3	31.4	.4	1977	10 372	29.0	3.8	.8	1 290	170	882
Waimanalo CDP	3 508	832	8.8	–	1.0	12.0	2.0	1973	817	6.7	6.0	1.7	716	189	446
Waimanalo Beach CDP	4 185	965	–	1.2	.9	3.6	8.4	1958	937	5.5	4.9	1.6	399	176	645
Waimea CDP, Hawaii County	5 934	2 115	2.4	.9	2.2	45.8	11.3	1978	1 887	24.1	2.6	3.8	747	185	757
Waipahu CDP	31 435	7 739	8.1	.5	.3	16.3	2.1	1968	7 567	21.3	10.5	3.9	907	163	617
Waipio CDP	11 812	4 087	29.5	.4	.2	77.1	–	1984	4 032	30.4	1.2	.3	1 348	217	897
Waipio Acres CDP	5 304	1 836	41.7	–	.3	19.6	–	1972	1 789	41.0	2.5	1.1	1 154	158	802
Wheeler AFB CDP	2 600	704	3.3	–	–	3.8	16.6	1959	702	44.3	3.6	2.8	–	–	673
Whitmore Village CDP	3 373	839	10.5	–	.8	35.6	9.2	1972	816	31.1	7.0	3.4	1 029	144	606

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 2. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
RACE OF HOUSEHOLDER											
Occupied housing units	**356 267**	**316 945**	**241 559**	**146 406**	**95 153**	**26 014**	**49 372**	**39 322**	**19 580**	**5 374**	**1 958**
White	138 755	119 834	87 250	52 011	35 239	8 719	23 865	18 921	8 174	2 911	805
Black	7 342	6 938	6 473	1 783	4 690	91	374	404	236	26	–
American Indian, Eskimo, or Aleut	1 624	1 367	950	549	401	97	320	257	80	7	16
American Indian	1 499	1 270	880	515	365	80	310	229	73	7	16
Eskimo	63	40	25	9	16	5	10	23	7	–	–
Aleut	62	57	45	25	20	12	–	5	–	–	–
Asian or Pacific Islander	202 865	183 779	143 340	90 564	52 776	16 657	23 782	19 086	10 704	2 385	1 137
Asian	164 047	150 408	122 425	78 731	43 694	13 039	14 944	13 639	8 220	1 731	931
Chinese	23 320	22 684	20 981	16 704	4 277	680	1 023	636	282	86	58
Filipino	39 484	33 442	23 950	11 082	12 868	3 117	6 375	6 042	3 608	906	172
Japanese	90 231	83 447	67 545	43 236	24 309	8 868	7 034	6 784	4 211	718	670
Asian Indian	258	253	204	170	34	31	18	5	5	–	–
Korean	7 501	7 438	6 881	5 270	1 611	264	293	63	48	15	7
Vietnamese	1 456	1 447	1 398	1 206	192	19	30	9	–	6	–
Cambodian	50	50	23	23	–	–	27	–	–	–	–
Hmong	–	–	–	–	–	–	–	–	–	–	–
Laotian	427	380	339	300	39	6	35	47	43	–	24
Thai	163	163	163	113	50	–	–	–	–	–	–
Other Asian	1 157	1 104	941	627	314	54	109	53	23	–	–
Pacific Islander	38 818	33 371	20 915	11 833	9 082	3 618	8 838	5 447	2 484	654	206
Hawaiian	34 025	28 872	17 573	9 836	7 737	3 375	7 924	5 153	2 282	633	206
Samoan	2 870	2 728	2 120	1 266	854	51	557	142	99	4	–
Guamanian	650	600	531	193	338	7	62	50	41	9	–
Other Pacific Islander	1 273	1 171	691	538	153	185	295	102	62	8	–
Other race	5 681	5 027	3 546	1 499	2 047	450	1 031	654	386	45	–
HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units	**356 267**	**316 945**	**241 559**	**146 406**	**95 153**	**26 014**	**49 372**	**39 322**	**19 580**	**5 374**	**1 958**
Hispanic origin (of any race)	19 344	16 605	11 402	5 318	6 084	1 485	3 718	2 739	1 401	331	74
Mexican	3 394	3 017	2 306	1 021	1 285	123	588	377	245	36	7
Puerto Rican	5 956	5 085	3 159	1 234	1 925	626	1 300	871	489	75	14
Cuban	166	141	120	35	85	–	21	25	–	10	–
Other Hispanic	9 828	8 362	5 817	3 028	2 789	736	1 809	1 466	667	210	53
Dominican (Dominican Republic)	33	33	29	4	25	–	4	–	–	–	–
Central American	237	201	157	65	92	16	28	36	31	–	–
Costa Rican	30	30	17	10	7	6	7	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–	–	–	–
Honduran	51	42	33	14	19	–	9	9	9	–	–
Nicaraguan	40	18	8	8	–	10	–	22	22	–	–
Panamanian	92	87	81	25	56	–	6	5	–	–	–
Salvadoran	24	24	18	8	10	–	6	–	–	–	–
Other Central American	–	–	–	–	–	–	–	–	–	–	–
South American	352	323	271	183	88	13	39	29	14	–	–
Argentinean	69	69	53	36	17	11	5	–	–	–	–
Chilean	33	23	23	20	3	–	–	10	–	–	–
Colombian	59	59	52	52	–	–	7	–	–	–	–
Ecuadorian	59	50	45	6	39	–	5	9	9	–	–
Peruvian	81	81	59	35	24	–	22	–	–	–	–
Venezuelan	35	30	28	28	–	2	–	5	5	–	–
Other South American	16	11	11	6	5	–	–	5	–	–	–
All other Hispanic	9 206	7 805	5 360	2 776	2 584	707	1 738	1 401	622	210	53
Not of Hispanic origin	336 923	300 340	230 157	141 088	89 069	24 529	45 654	36 583	18 179	5 043	1 884
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units	**356 267**	**316 945**	**241 559**	**146 406**	**95 153**	**26 014**	**49 372**	**39 322**	**19 580**	**5 374**	**1 958**
White	138 755	119 834	87 250	52 011	35 239	8 719	23 865	18 921	8 174	2 911	805
Hispanic origin	5 974	5 064	3 446	1 864	1 582	436	1 182	910	384	140	37
Not of Hispanic origin	132 781	114 770	83 804	50 147	33 657	8 283	22 683	18 011	7 790	2 771	768
Black	7 342	6 938	6 473	1 783	4 690	91	374	404	236	26	–
Hispanic origin	210	199	157	68	89	6	36	11	–	–	–
Not of Hispanic origin	7 132	6 739	6 316	1 715	4 601	85	338	393	236	26	–
American Indian, Eskimo, or Aleut	1 624	1 367	950	549	401	97	320	257	80	7	16
Hispanic origin	209	187	154	61	93	–	33	22	9	–	–
Not of Hispanic origin	1 415	1 180	796	488	308	97	287	235	71	7	16
Asian or Pacific Islander	202 865	183 779	143 340	90 564	52 776	16 657	23 782	19 086	10 704	2 385	1 137
Hispanic origin	7 888	6 688	4 459	2 057	2 402	668	1 561	1 200	645	154	37
Not of Hispanic origin	194 977	177 091	138 881	88 507	50 374	15 989	22 221	17 886	10 059	2 231	1 100
Other race	5 681	5 027	3 546	1 499	2 047	450	1 031	654	386	45	–
Hispanic origin	5 063	4 467	3 186	1 268	1 918	375	906	596	363	37	–
Not of Hispanic origin	618	560	360	231	129	75	125	58	23	8	–
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER											
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	38.9	37.8	36.1	35.5	37.0	33.5	48.3	48.1	41.7	54.2	41.1
Black	2.1	2.2	2.7	1.2	4.9	.3	.8	1.0	1.2	.5	–
American Indian, Eskimo, or Aleut	.5	.4	.4	.4	.4	.4	.6	.7	.4	.1	.8
American Indian	.4	.4	.4	.4	.4	.3	.6	.6	.4	.1	.8
Asian or Pacific Islander	56.9	58.0	59.3	61.9	55.5	64.0	48.2	48.5	54.7	44.4	58.1
Asian	46.0	47.5	50.7	53.8	45.9	50.1	30.3	34.7	42.0	32.2	47.5
Pacific Islander	10.9	10.5	8.7	8.1	9.5	13.9	17.9	13.9	12.7	12.2	10.5
Other race	1.6	1.6	1.5	1.0	2.2	1.7	2.1	1.7	2.0	.8	–
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	5.4	5.2	4.7	3.6	6.4	5.7	7.5	7.0	7.2	6.2	3.8
Mexican	1.0	1.0	1.0	.7	1.4	.5	1.2	1.0	1.3	.7	.4
Puerto Rican	1.7	1.6	1.3	.8	2.0	2.4	2.6	2.2	2.5	1.4	.7
Cuban	–	–	–	–	.1	–	–	.1	–	.2	–
Other Hispanic	2.8	2.6	2.4	2.1	2.9	2.8	3.7	3.7	3.4	3.9	2.7
Not of Hispanic origin	94.6	94.8	95.3	96.4	93.6	94.3	92.5	93.0	92.8	93.8	96.2
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN											
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	38.9	37.8	36.1	35.5	37.0	33.5	48.3	48.1	41.7	54.2	41.1
Not of Hispanic origin	37.3	36.2	34.7	34.3	35.4	31.8	45.9	45.8	39.8	51.6	39.2

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Table 3. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city					Urban, outside urbanized area		
				Total	Urban		Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
					Inside urbanized area	Outside urbanized area					
RACE OF HOUSEHOLDER											
Occupied housing units	**356 267**	**265 304**	**134 563**	**130 741**	**106 996**	**15 401**	**8 344**	**90 963**	**26 014**	**33 971**	**30 978**
White	138 755	97 451	44 573	52 878	42 677	6 130	4 071	41 304	8 719	17 735	14 850
Black	7 342	7 061	1 555	5 506	4 918	267	321	281	91	107	83
American Indian, Eskimo, or Aleut	1 624	1 118	472	646	478	105	63	506	97	215	194
American Indian	1 499	1 048	438	610	442	105	63	451	80	205	166
Eskimo	63	25	9	16	16	–	–	38	5	10	23
Aleut	62	45	25	20	20	–	–	17	12	–	5
Asian or Pacific Islander	202 865	155 572	86 596	68 976	56 744	8 519	3 713	47 293	16 657	15 263	15 373
Asian	164 047	128 756	76 030	52 726	46 395	4 082	2 249	35 291	13 039	10 862	11 390
Chinese	23 320	21 567	16 206	5 361	4 775	441	145	1 753	680	582	491
Filipino	39 484	27 228	10 718	16 510	13 232	2 143	1 135	12 256	3 117	4 232	4 907
Japanese	90 231	69 724	41 533	28 191	26 012	1 277	902	20 507	8 868	5 757	5 882
Asian Indian	258	211	152	59	52	7	–	47	31	11	5
Korean	7 501	7 003	5 172	1 831	1 709	112	10	498	264	181	53
Vietnamese	1 456	1 416	1 199	217	199	15	3	40	19	15	6
Cambodian	50	50	23	27	–	27	–	–	–	–	–
Hmong	–	–	–	–	–	–	–	–	–	–	–
Laotian	427	415	300	115	39	29	47	12	6	6	–
Thai	163	163	113	50	50	–	–	–	–	–	–
Other Asian	1 157	979	614	365	327	31	7	178	54	78	46
Pacific Islander	38 818	26 816	10 566	16 250	10 349	4 437	1 464	12 002	3 618	4 401	3 983
Hawaiian	34 025	22 567	8 628	13 939	8 945	3 715	1 279	11 458	3 375	4 209	3 874
Samoan	2 870	2 734	1 248	1 486	872	505	109	136	51	52	33
Guamanian	650	561	186	375	345	24	6	89	7	38	44
Other Pacific Islander	1 273	954	504	450	187	193	70	319	185	102	32
Other race	5 681	4 102	1 367	2 735	2 179	380	176	1 579	450	651	478
HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units	**356 267**	**265 304**	**134 563**	**130 741**	**106 996**	**15 401**	**8 344**	**90 963**	**26 014**	**33 971**	**30 978**
Hispanic origin (of any race)	19 344	13 228	4 716	8 512	6 686	1 185	641	6 116	1 485	2 533	2 098
Mexican	3 394	2 536	848	1 688	1 458	158	72	858	123	430	305
Puerto Rican	5 956	3 856	1 140	2 716	2 019	482	215	2 100	626	818	656
Cuban	166	136	35	101	85	8	8	30	–	13	17
Other Hispanic	9 828	6 700	2 693	4 007	3 124	537	346	3 128	736	1 272	1 120
Dominican (Dominican Republic)	33	29	4	25	25	–	–	4	–	4	–
Central American	237	177	59	118	98	15	5	60	16	13	31
Costa Rican	30	17	10	7	7	–	–	13	6	7	–
Guatemalan	–	–	–	–	–	–	–	–	–	–	–
Honduran	51	42	14	28	19	9	–	9	–	–	9
Nicaraguan	40	8	8	–	–	–	–	32	10	–	22
Panamanian	92	92	19	73	62	6	5	–	–	–	–
Salvadoran	24	18	8	10	10	–	–	6	–	6	–
Other Central American	–	–	–	–	–	–	–	–	–	–	–
South American	352	293	177	116	94	22	–	59	13	17	29
Argentinean	69	53	36	17	17	–	–	16	11	5	–
Chilean	33	23	14	9	9	–	–	10	–	–	10
Colombian	59	52	52	–	–	–	–	7	–	7	–
Ecuadorian	59	45	6	39	39	–	–	14	–	5	9
Peruvian	81	81	35	46	24	22	–	–	–	–	–
Venezuelan	35	28	28	–	–	–	–	7	2	–	5
Other South American	16	11	6	5	5	–	–	5	–	–	5
All other Hispanic	9 206	6 201	2 453	3 748	2 907	500	341	3 005	707	1 238	1 060
Not of Hispanic origin	336 923	252 076	129 847	122 229	100 310	14 216	7 703	84 847	24 529	31 438	28 880
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units	**356 267**	**265 304**	**134 563**	**130 741**	**106 996**	**15 401**	**8 344**	**90 963**	**26 014**	**33 971**	**30 978**
White	138 755	97 451	44 573	52 878	42 677	6 130	4 071	41 304	8 719	17 735	14 850
Hispanic origin	5 974	3 992	1 593	2 399	1 853	353	193	1 982	436	829	717
Not of Hispanic origin	132 781	93 459	42 980	50 479	40 824	5 777	3 878	39 322	8 283	16 906	14 133
Black	7 342	7 061	1 555	5 506	4 918	267	321	281	91	107	83
Hispanic origin	210	179	59	120	98	17	5	31	6	19	6
Not of Hispanic origin	7 132	6 882	1 496	5 386	4 820	250	316	250	85	88	77
American Indian, Eskimo, or Aleut	1 624	1 118	472	646	478	105	63	506	97	215	194
Hispanic origin	209	154	38	116	116	–	–	55	–	33	22
Not of Hispanic origin	1 415	964	434	530	362	105	63	451	97	182	172
Asian or Pacific Islander	202 865	155 572	86 596	68 976	56 744	8 519	3 713	47 293	16 657	15 263	15 373
Hispanic origin	7 888	5 246	1 864	3 382	2 595	491	296	2 642	668	1 070	904
Not of Hispanic origin	194 977	150 326	84 732	65 594	54 149	8 028	3 417	44 651	15 989	14 193	14 469
Other race	5 681	4 102	1 367	2 735	2 179	380	176	1 579	450	651	478
Hispanic origin	5 063	3 657	1 162	2 495	2 024	324	147	1 406	375	582	449
Not of Hispanic origin	618	445	205	240	155	56	29	173	75	69	29
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER											
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	38.9	36.7	33.1	40.4	39.9	39.8	48.8	45.4	33.5	52.2	47.9
Black	2.1	2.7	1.2	4.2	4.6	1.7	3.8	.3	.3	.3	.3
American Indian, Eskimo, or Aleut	.5	.4	.4	.5	.4	.7	.8	.6	.4	.6	.6
American Indian	.4	.4	.3	.5	.4	.7	.8	.5	.3	.6	.5
Asian or Pacific Islander	56.9	58.6	64.4	52.8	53.0	55.3	44.5	52.0	64.0	44.9	49.6
Asian	46.0	48.5	56.5	40.3	43.4	26.5	27.0	38.8	50.1	32.0	36.8
Pacific Islander	10.9	10.1	7.9	12.4	9.7	28.8	17.5	13.2	13.9	13.0	12.9
Other race	1.6	1.5	1.0	2.1	2.0	2.5	2.1	1.7	1.7	1.9	1.5
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER											
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	5.4	5.0	3.5	6.5	6.2	7.7	7.7	6.7	5.7	7.5	6.8
Mexican	1.0	1.0	.6	1.3	1.4	1.0	.9	.9	.5	1.3	1.0
Puerto Rican	1.7	1.5	.8	2.1	1.9	3.1	2.6	2.3	2.4	2.4	2.1
Cuban	–	.1	–	.1	.1	.1	.1	–	–	–	.1
Other Hispanic	2.8	2.5	2.0	3.1	2.9	3.5	4.1	3.4	2.8	3.7	3.6
Not of Hispanic origin	94.6	95.0	96.5	93.5	93.8	92.3	92.3	93.3	94.3	92.5	93.2
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN											
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	38.9	36.7	33.1	40.4	39.9	39.8	48.8	45.4	33.5	52.2	47.9
Not of Hispanic origin	37.3	35.2	31.9	38.6	38.2	37.5	46.5	43.2	31.8	49.8	45.6

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Table 4. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
RACE OF HOUSEHOLDER					
Occupied housing units	**41 461**	**265 304**	**62**	**16 295**	**33 145**
White	18 983	97 451	25	6 602	15 694
Black	99	7 061	–	49	133
American Indian, Eskimo, or Aleut	243	1 118	–	73	190
American Indian	216	1 048	–	57	178
Eskimo	10	25	–	16	12
Aleut	17	45	–	–	–
Asian or Pacific Islander	21 380	155 572	37	9 205	16 671
Asian	15 412	128 756	12	7 379	12 488
Chinese	832	21 567	–	251	670
Filipino	4 193	27 228	12	3 150	4 901
Japanese	10 090	69 724	–	3 862	6 555
Asian Indian	4	211	–	5	38
Korean	229	7 003	–	74	195
Vietnamese	–	1 416	–	6	34
Cambodian	–	50	–	–	–
Hmong	–	–	–	–	–
Laotian	–	415	–	–	12
Thai	–	163	–	–	–
Other Asian	64	979	–	31	83
Pacific Islander	5 968	26 816	25	1 826	4 183
Hawaiian	5 724	22 567	25	1 766	3 943
Samoan	58	2 734	–	8	70
Guamanian	44	561	–	28	17
Other Pacific Islander	142	954	–	24	153
Other race	756	4 102	–	366	457
HISPANIC ORIGIN OF HOUSEHOLDER					
Occupied housing units	**41 461**	**265 304**	**62**	**16 295**	**33 145**
Hispanic origin (of any race)	2 810	13 228	26	1 376	1 904
Mexican	313	2 536	–	255	290
Puerto Rican	1 130	3 856	–	382	588
Cuban	14	136	–	10	6
Other Hispanic	1 353	6 700	26	729	1 020
Dominican (Dominican Republic)	–	29	–	4	–
Central American	41	177	–	–	19
Costa Rican	6	17	–	–	7
Guatemalan	–	–	–	–	–
Honduran	9	42	–	–	–
Nicaraguan	26	8	–	–	6
Panamanian	–	92	–	–	–
Salvadoran	–	18	–	–	6
Other Central American	–	–	–	–	–
South American	26	293	–	–	33
Argentinean	5	53	–	–	11
Chilean	–	23	–	–	10
Colombian	7	52	–	–	–
Ecuadorian	9	45	–	–	5
Peruvian	–	81	–	–	–
Venezuelan	–	28	–	–	7
Other South American	5	11	–	–	–
All other Hispanic	1 286	6 201	26	725	968
Not of Hispanic origin	38 651	252 076	36	14 919	31 241
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER					
Occupied housing units	**41 461**	**265 304**	**62**	**16 295**	**33 145**
White	18 983	97 451	25	6 602	15 694
Hispanic origin	938	3 992	13	387	644
Not of Hispanic origin	18 045	93 459	12	6 215	15 050
Black	99	7 061	–	49	133
Hispanic origin	21	179	–	4	6
Not of Hispanic origin	78	6 882	–	45	127
American Indian, Eskimo, or Aleut	243	1 118	–	73	190
Hispanic origin	9	154	–	21	25
Not of Hispanic origin	234	964	–	52	165
Asian or Pacific Islander	21 380	155 572	37	9 205	16 671
Hispanic origin	1 172	5 246	13	630	827
Not of Hispanic origin	20 208	150 326	24	8 575	15 844
Other race	756	4 102	–	366	457
Hispanic origin	670	3 657	–	334	402
Not of Hispanic origin	86	445	–	32	55
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER					
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	45.8	36.7	40.3	40.5	47.3
Black	.2	2.7	–	.3	.4
American Indian, Eskimo, or Aleut	.6	.4	–	.4	.6
American Indian	.5	.4	–	.3	.5
Asian or Pacific Islander	51.6	58.6	59.7	56.5	50.3
Asian	37.2	48.5	19.4	45.3	37.7
Pacific Islander	14.4	10.1	40.3	11.2	12.6
Other race	1.8	1.5	–	2.2	1.4
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER					
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	6.8	5.0	41.9	8.4	5.7
Mexican	.8	1.0	–	1.6	.9
Puerto Rican	2.7	1.5	–	2.3	1.8
Cuban	–	.1	–	.1	–
Other Hispanic	3.3	2.5	41.9	4.5	3.1
Not of Hispanic origin	93.2	95.0	58.1	91.6	94.3
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN					
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	45.8	36.7	40.3	40.5	47.3
Not of Hispanic origin	43.5	35.2	19.4	38.1	45.4

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Table 5. Occupied Housing Units by Race and Hispanic Origin of Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Ahuimanu CDP	Aiea CDP	Aliamanu CDP	Captain Cook CDP	Ewa Beach CDP	Ewa Villages CDP	Fort Shafter CDP	Haiku-Pauwela CDP	Halawa CDP	Hanamaulu CDP
RACE OF HOUSEHOLDER										
Occupied housing units	**2 487**	**2 628**	**2 327**	**892**	**3 341**	**902**	**911**	**1 528**	**4 020**	**885**
White	1 016	702	1 337	395	1 028	90	614	1 002	1 232	174
Black	24	35	565	–	34	–	189	7	62	–
American Indian, Eskimo, or Aleut	38	–	–	–	10	–	28	31	20	3
American Indian	31	–	–	–	10	–	28	31	11	3
Eskimo	–	–	–	–	–	–	–	–	9	–
Aleut	7	–	–	–	–	–	–	–	–	–
Asian or Pacific Islander	1 368	1 865	307	493	2 153	792	53	471	2 666	680
Asian	1 056	1 648	221	408	1 711	756	36	326	2 205	634
Chinese	180	207	18	29	81	5	19	38	256	5
Filipino	181	305	188	85	1 196	508	11	85	529	458
Japanese	610	1 066	–	286	402	224	6	203	1 281	171
Asian Indian	7	–	–	–	–	–	–	–	–	–
Korean	63	70	–	8	18	19	–	–	83	–
Vietnamese	–	–	15	–	7	–	–	–	22	–
Cambodian	–	–	–	–	–	–	–	–	–	–
Hmong	–	–	–	–	–	–	–	–	–	–
Laotian	–	–	–	–	7	–	–	–	6	–
Thai	–	–	–	–	–	–	–	–	5	–
Other Asian	15	–	–	–	–	–	–	–	23	–
Pacific Islander	312	217	86	85	442	36	17	145	461	46
Hawaiian	271	202	12	85	378	36	17	145	307	46
Samoan	6	10	52	–	48	–	–	–	138	–
Guamanian	21	–	22	–	16	–	–	–	5	–
Other Pacific Islander	14	5	–	–	–	–	–	–	11	–
Other race	41	26	118	4	116	20	27	17	40	28
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**2 487**	**2 628**	**2 327**	**892**	**3 341**	**902**	**911**	**1 528**	**4 020**	**885**
Hispanic origin (of any race)	170	87	253	48	322	110	66	116	190	94
Mexican	31	9	95	–	36	–	37	7	21	15
Puerto Rican	64	34	75	44	120	26	29	52	44	21
Cuban	–	–	–	–	–	–	–	6	–	–
Other Hispanic	75	44	83	4	166	84	–	51	125	58
Dominican (Dominican Republic)	–	–	–	–	–	–	–	–	–	–
Central American	–	–	–	–	–	–	–	–	6	–
Costa Rican	–	–	–	–	–	–	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–	–	–
Honduran	–	–	–	–	–	–	–	–	–	–
Nicaraguan	–	–	–	–	–	–	–	–	–	–
Panamanian	–	–	–	–	–	–	–	–	6	–
Salvadoran	–	–	–	–	–	–	–	–	–	–
Other Central American	–	–	–	–	–	–	–	–	–	–
South American	–	–	17	–	–	–	–	–	–	–
Argentinean	–	–	–	–	–	–	–	–	–	–
Chilean	–	–	–	–	–	–	–	–	–	–
Colombian	–	–	–	–	–	–	–	–	–	–
Ecuadorian	–	–	8	–	–	–	–	–	–	–
Peruvian	–	–	9	–	–	–	–	–	–	–
Venezuelan	–	–	–	–	–	–	–	–	–	–
Other South American	–	–	–	–	–	–	–	–	–	–
All other Hispanic	75	44	66	4	166	84	–	51	119	58
Not of Hispanic origin	2 317	2 541	2 074	844	3 019	792	845	1 412	3 830	791
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**2 487**	**2 628**	**2 327**	**892**	**3 341**	**902**	**911**	**1 528**	**4 020**	**885**
White	1 016	702	1 337	395	1 028	90	614	1 002	1 232	174
Hispanic origin	41	35	88	15	51	12	39	29	40	5
Not of Hispanic origin	975	667	1 249	380	977	78	575	973	1 192	169
Black	24	35	565	–	34	–	189	7	62	–
Hispanic origin	–	–	–	–	10	–	–	–	–	–
Not of Hispanic origin	24	35	565	–	24	–	189	7	62	–
American Indian, Eskimo, or Aleut	38	–	–	–	10	–	28	31	20	3
Hispanic origin	8	–	–	–	–	–	–	11	20	3
Not of Hispanic origin	30	–	–	–	10	–	28	20	–	–
Asian or Pacific Islander	1 368	1 865	307	493	2 153	792	53	471	2 666	680
Hispanic origin	88	30	47	29	153	78	–	59	90	58
Not of Hispanic origin	1 280	1 835	260	464	2 000	714	53	412	2 576	622
Other race	41	26	118	4	116	20	27	17	40	28
Hispanic origin	33	22	118	4	108	20	27	17	40	28
Not of Hispanic origin	8	4	–	–	8	–	–	–	–	–
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	40.9	26.7	57.5	44.3	30.8	10.0	67.4	65.6	30.6	19.7
Black	1.0	1.3	24.3	–	1.0	–	20.7	.5	1.5	–
American Indian, Eskimo, or Aleut	1.5	–	–	–	.3	–	3.1	2.0	.5	.3
American Indian	1.2	–	–	–	.3	–	3.1	2.0	.3	.3
Asian or Pacific Islander	55.0	71.0	13.2	55.3	64.4	87.8	5.8	30.8	66.3	76.8
Asian	42.5	62.7	9.5	45.7	51.2	83.8	4.0	21.3	54.9	71.6
Pacific Islander	12.5	8.3	3.7	9.5	13.2	4.0	1.9	9.5	11.5	5.2
Other race	1.6	1.0	5.1	.4	3.5	2.2	3.0	1.1	1.0	3.2
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	6.8	3.3	10.9	5.4	9.6	12.2	7.2	7.6	4.7	10.6
Mexican	1.2	.3	4.1	–	1.1	–	4.1	.5	.5	1.7
Puerto Rican	2.6	1.3	3.2	4.9	3.6	2.9	3.2	3.4	1.1	2.4
Cuban	–	–	–	–	–	–	–	.4	–	–
Other Hispanic	3.0	1.7	3.6	.4	5.0	9.3	–	3.3	3.1	6.6
Not of Hispanic origin	93.2	96.7	89.1	94.6	90.4	87.8	92.8	92.4	95.3	89.4
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	40.9	26.7	57.5	44.3	30.8	10.0	67.4	65.6	30.6	19.7
Not of Hispanic origin	39.2	25.4	53.7	42.6	29.2	8.6	63.1	63.7	29.7	19.1

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Table 5. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Hauula CDP	Hawaiian Beaches CDP	Hawaiian Paradise Park CDP	Heeia CDP	Hickam Housing CDP	Hilo CDP	Holualoa CDP	Honolulu CDP	Iroquois Point CDP	Kahaluu CDP
RACE OF HOUSEHOLDER										
Occupied housing units	**860**	**885**	**1 115**	**1 530**	**1 825**	**13 327**	**1 535**	**134 563**	**1 174**	**924**
White	303	463	745	656	1 395	4 000	1 060	44 573	986	403
Black	11	–	9	7	265	51	10	1 555	91	5
American Indian, Eskimo, or Aleut	–	25	10	–	–	39	13	472	12	12
American Indian	–	25	5	–	–	27	13	438	12	12
Eskimo	–	–	5	–	–	–	–	9	–	–
Aleut	–	–	–	–	–	12	–	25	–	–
Asian or Pacific Islander	541	367	331	853	97	8 980	430	86 596	54	492
Asian	142	167	193	675	70	6 845	303	76 030	54	281
Chinese	36	21	15	84	–	371	17	16 206	–	54
Filipino	7	68	95	15	43	940	81	10 718	54	67
Japanese	85	49	83	516	8	5 364	205	41 533	–	146
Asian Indian	–	–	–	8	–	4	–	152	–	–
Korean	14	29	–	29	9	140	–	5 172	–	7
Vietnamese	–	–	–	6	–	–	–	1 199	–	–
Cambodian	–	–	–	–	–	–	–	23	–	–
Hmong	–	–	–	–	–	–	–	–	–	–
Laotian	–	–	–	–	–	–	–	300	–	7
Thai	–	–	–	–	–	–	–	113	–	–
Other Asian	–	–	–	17	10	26	–	614	–	–
Pacific Islander	399	200	138	178	27	2 135	127	10 566	–	211
Hawaiian	310	200	132	169	18	2 013	127	8 628	–	211
Samoan	62	–	–	3	–	27	–	1 248	–	–
Guamanian	–	–	–	6	9	7	–	186	–	–
Other Pacific Islander	27	–	6	–	–	88	–	504	–	–
Other race	5	30	20	14	68	257	22	1 367	31	12
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**860**	**885**	**1 115**	**1 530**	**1 825**	**13 327**	**1 535**	**134 563**	**1 174**	**924**
Hispanic origin (of any race)	35	114	88	26	110	763	96	4 716	66	82
Mexican	10	–	20	10	58	44	42	848	37	5
Puerto Rican	8	67	22	–	30	385	20	1 140	17	37
Cuban	8	–	–	–	–	–	–	35	–	–
Other Hispanic	9	47	46	16	22	334	34	2 693	12	40
Dominican (Dominican Republic)	–	–	–	–	–	–	–	4	–	–
Central American	–	–	–	–	6	10	–	59	5	–
Costa Rican	–	–	–	–	–	6	–	10	–	–
Guatemalan	–	–	–	–	–	–	–	–	–	–
Honduran	–	–	–	–	–	–	–	14	5	–
Nicaraguan	–	–	–	–	–	4	–	8	–	–
Panamanian	–	–	–	–	6	–	–	19	–	–
Salvadoran	–	–	–	–	–	–	–	8	–	–
Other Central American	–	–	–	–	–	–	–	–	–	–
South American	–	–	12	–	5	–	–	177	–	–
Argentinean	–	–	5	–	–	–	–	36	–	–
Chilean	–	–	–	–	–	–	–	14	–	–
Colombian	–	–	7	–	–	–	–	52	–	–
Ecuadorian	–	–	–	–	–	–	–	6	–	–
Peruvian	–	–	–	–	–	–	–	35	–	–
Venezuelan	–	–	–	–	–	–	–	28	–	–
Other South American	–	–	–	–	5	–	–	6	–	–
All other Hispanic	9	47	34	16	11	324	34	2 453	7	40
Not of Hispanic origin	825	771	1 027	1 504	1 715	12 564	1 439	129 847	1 108	842
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**860**	**885**	**1 115**	**1 530**	**1 825**	**13 327**	**1 535**	**134 563**	**1 174**	**924**
White	303	463	745	656	1 395	4 000	1 060	44 573	986	403
Hispanic origin	17	28	44	5	23	236	61	1 593	25	25
Not of Hispanic origin	286	435	701	651	1 372	3 764	999	42 980	961	378
Black	11	–	9	7	265	51	10	1 555	91	5
Hispanic origin	–	–	9	–	11	6	–	59	–	–
Not of Hispanic origin	11	–	–	7	254	45	10	1 496	91	5
American Indian, Eskimo, or Aleut	–	25	10	–	–	39	13	472	12	12
Hispanic origin	–	–	–	–	–	–	–	38	–	5
Not of Hispanic origin	–	25	10	–	–	39	13	434	12	7
Asian or Pacific Islander	541	367	331	853	97	8 980	430	86 596	54	492
Hispanic origin	13	56	15	11	8	321	13	1 864	10	40
Not of Hispanic origin	528	311	316	842	89	8 659	417	84 732	44	452
Other race	5	30	20	14	68	257	22	1 367	31	12
Hispanic origin	5	30	20	10	68	200	22	1 162	31	12
Not of Hispanic origin	–	–	–	4	–	57	–	205	–	–
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	35.2	52.3	66.8	42.9	76.4	30.0	69.1	33.1	84.0	43.6
Black	1.3	–	.8	.5	14.5	.4	.7	1.2	7.8	.5
American Indian, Eskimo, or Aleut	–	2.8	.9	–	–	.3	.8	.4	1.0	1.3
American Indian	–	2.8	.4	–	–	.2	.8	.3	1.0	1.3
Asian or Pacific Islander	62.9	41.5	29.7	55.8	5.3	67.4	28.0	64.4	4.6	53.2
Asian	16.5	18.9	17.3	44.1	3.8	51.4	19.7	56.5	4.6	30.4
Pacific Islander	46.4	22.6	12.4	11.6	1.5	16.0	8.3	7.9	–	22.8
Other race	.6	3.4	1.8	.9	3.7	1.9	1.4	1.0	2.6	1.3
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	4.1	12.9	7.9	1.7	6.0	5.7	6.3	3.5	5.6	8.9
Mexican	1.2	–	1.8	.7	3.2	.3	2.7	.6	3.2	.5
Puerto Rican	.9	7.6	2.0	–	1.6	2.9	1.3	.8	1.4	4.0
Cuban	.9	–	–	–	–	–	–	–	–	–
Other Hispanic	1.0	5.3	4.1	1.0	1.2	2.5	2.2	2.0	1.0	4.3
Not of Hispanic origin	95.9	87.1	92.1	98.3	94.0	94.3	93.7	96.5	94.4	91.1
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	35.2	52.3	66.8	42.9	76.4	30.0	69.1	33.1	84.0	43.6
Not of Hispanic origin	33.3	49.2	62.9	42.5	75.2	28.2	65.1	31.9	81.9	40.9

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Table 5. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Kahului CDP	Kailua CDP, Hawaii County	Kailua CDP, Honolulu County	Kalaheo CDP	Kalaoa CDP	Kaneohe CDP	Kaneohe Station CDP	Kapaa CDP	Kaunakakai CDP	Kekaha CDP
RACE OF HOUSEHOLDER										
Occupied housing units	**5 017**	**3 065**	**11 843**	**1 152**	**1 548**	**10 610**	**2 014**	**2 552**	**837**	**1 037**
White	869	1 928	7 438	607	1 105	3 939	1 438	1 057	155	251
Black	16	–	228	7	–	82	352	4	6	–
American Indian, Eskimo, or Aleut	–	24	77	–	6	51	17	8	5	–
American Indian	–	19	77	–	6	37	17	8	5	–
Eskimo	–	5	–	–	–	7	–	–	–	–
Aleut	–	–	–	–	–	7	–	–	–	–
Asian or Pacific Islander	4 053	1 067	3 968	518	421	6 394	68	1 442	671	737
Asian	3 487	566	2 701	389	293	5 013	43	1 102	400	582
Chinese	120	70	498	16	40	823	–	37	10	5
Filipino	1 343	196	364	86	29	527	24	511	216	394
Japanese	1 913	278	1 703	277	209	3 433	7	525	174	166
Asian Indian	16	–	18	–	–	6	–	–	–	–
Korean	78	9	98	5	8	163	12	29	–	17
Vietnamese	7	–	7	–	–	–	–	–	–	–
Cambodian	–	–	–	–	–	–	–	–	–	–
Hmong	–	–	–	–	–	–	–	–	–	–
Laotian	6	–	–	–	–	–	–	–	–	–
Thai	–	–	–	–	–	–	–	–	–	–
Other Asian	4	13	13	5	7	61	–	–	–	–
Pacific Islander	566	501	1 267	129	128	1 381	25	340	271	155
Hawaiian	489	470	1 208	129	128	1 294	–	318	265	149
Samoan	13	20	18	–	–	76	12	4	–	–
Guamanian	–	–	7	–	–	6	13	9	–	6
Other Pacific Islander	64	11	34	–	–	5	–	9	6	–
Other race	79	46	132	20	16	144	139	41	–	49
HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**5 017**	**3 065**	**11 843**	**1 152**	**1 548**	**10 610**	**2 014**	**2 552**	**837**	**1 037**
Hispanic origin (of any race)	289	164	602	59	68	523	204	299	30	137
Mexican	10	24	173	9	10	113	93	40	–	9
Puerto Rican	120	56	94	36	40	117	74	50	12	43
Cuban	–	–	–	–	–	17	8	–	–	–
Other Hispanic	159	84	335	14	18	276	29	209	18	85
Dominican (Dominican Republic)	–	–	–	–	–	4	–	4	–	–
Central American	–	–	6	–	–	–	19	–	–	–
Costa Rican	–	–	–	–	–	–	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–	–	–
Honduran	–	–	–	–	–	–	–	–	–	–
Nicaraguan	–	–	–	–	–	–	–	–	–	–
Panamanian	–	–	6	–	–	–	9	–	–	–
Salvadoran	–	–	–	–	–	–	10	–	–	–
Other Central American	–	–	–	–	–	–	–	–	–	–
South American	–	–	6	–	–	–	–	–	–	–
Argentinean	–	–	–	–	–	–	–	–	–	–
Chilean	–	–	6	–	–	–	–	–	–	–
Colombian	–	–	–	–	–	–	–	–	–	–
Ecuadorian	–	–	–	–	–	–	–	–	–	–
Peruvian	–	–	–	–	–	–	–	–	–	–
Venezuelan	–	–	–	–	–	–	–	–	–	–
Other South American	–	–	–	–	–	–	–	–	–	–
All other Hispanic	159	84	323	14	18	272	10	205	18	85
Not of Hispanic origin	4 728	2 901	11 241	1 093	1 480	10 087	1 810	2 253	807	900
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**5 017**	**3 065**	**11 843**	**1 152**	**1 548**	**10 610**	**2 014**	**2 552**	**837**	**1 037**
White	869	1 928	7 438	607	1 105	3 939	1 438	1 057	155	251
Hispanic origin	45	49	271	10	37	106	75	103	9	31
Not of Hispanic origin	824	1 879	7 167	597	1 068	3 833	1 363	954	146	220
Black	16	–	228	7	–	82	352	4	6	–
Hispanic origin	–	–	9	–	–	4	–	4	–	–
Not of Hispanic origin	16	–	219	7	–	78	352	–	6	–
American Indian, Eskimo, or Aleut	–	24	77	–	6	51	17	8	5	–
Hispanic origin	–	–	23	–	–	24	–	8	–	–
Not of Hispanic origin	–	24	54	–	6	27	17	–	5	–
Asian or Pacific Islander	4 053	1 067	3 968	518	421	6 394	68	1 442	671	737
Hispanic origin	170	69	193	29	15	250	–	153	21	63
Not of Hispanic origin	3 883	998	3 775	489	406	6 144	68	1 289	650	674
Other race	79	46	132	20	16	144	139	41	–	49
Hispanic origin	74	46	106	20	16	139	129	31	–	43
Not of Hispanic origin	5	–	26	–	–	5	10	10	–	6
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	17.3	62.9	62.8	52.7	71.4	37.1	71.4	41.4	18.5	24.2
Black	.3	–	1.9	.6	–	.8	17.5	.2	.7	–
American Indian, Eskimo, or Aleut	–	.8	.7	–	.4	.5	.8	.3	.6	–
American Indian	–	.6	.7	–	.4	.3	.8	.3	.6	–
Asian or Pacific Islander	80.8	34.8	33.5	45.0	27.2	60.3	3.4	56.5	80.2	71.1
Asian	69.5	18.5	22.8	33.8	18.9	47.2	2.1	43.2	47.8	56.1
Pacific Islander	11.3	16.3	10.7	11.2	8.3	13.0	1.2	13.3	32.4	14.9
Other race	1.6	1.5	1.1	1.7	1.0	1.4	6.9	1.6	–	4.7
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	5.8	5.4	5.1	5.1	4.4	4.9	10.1	11.7	3.6	13.2
Mexican	.2	.8	1.5	.8	.6	1.1	4.6	1.6	–	.9
Puerto Rican	2.4	1.8	.8	3.1	2.6	1.1	3.7	2.0	1.4	4.1
Cuban	–	–	–	–	–	.2	.4	–	–	–
Other Hispanic	3.2	2.7	2.8	1.2	1.2	2.6	1.4	8.2	2.2	8.2
Not of Hispanic origin	94.2	94.6	94.9	94.9	95.6	95.1	89.9	88.3	96.4	86.8
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN										
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	17.3	62.9	62.8	52.7	71.4	37.1	71.4	41.4	18.5	24.2
Not of Hispanic origin	16.4	61.3	60.5	51.8	69.0	36.1	67.7	37.4	17.4	21.2

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Table 5. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Kihei CDP	Lahaina CDP	Laie CDP	Lihue CDP	Maili CDP	Makaha CDP	Makakilo City CDP	Makawao CDP	Maunawili CDP
RACE OF HOUSEHOLDER									
Occupied housing units	**4 009**	**2 654**	**1 018**	**2 065**	**1 414**	**2 379**	**2 978**	**1 722**	**1 422**
White	2 872	1 100	390	726	373	1 046	1 701	1 043	752
Black	18	–	22	–	14	55	112	15	8
American Indian, Eskimo, or Aleut	27	19	–	–	27	21	10	17	–
American Indian	22	19	–	–	27	21	10	17	–
Eskimo	5	–	–	–	–	–	–	–	–
Aleut	–	–	–	–	–	–	–	–	–
Asian or Pacific Islander	1 044	1 504	606	1 304	940	1 165	1 086	603	662
Asian	727	1 199	109	1 062	440	503	834	363	485
Chinese	62	37	47	52	59	44	86	32	123
Filipino	441	591	17	305	287	343	415	142	53
Japanese	187	527	28	705	69	97	257	176	268
Asian Indian	11	–	–	–	7	–	–	–	–
Korean	9	15	11	–	12	11	35	–	20
Vietnamese	7	15	–	–	–	8	–	–	–
Cambodian	–	–	–	–	–	–	27	–	–
Hmong	–	–	–	–	–	–	–	–	–
Laotian	–	–	–	–	–	–	12	6	–
Thai	–	–	–	–	–	–	–	–	–
Other Asian	10	14	6	–	6	–	2	7	21
Pacific Islander	317	305	497	242	500	662	252	240	177
Hawaiian	289	287	192	242	433	609	240	231	152
Samoan	–	–	155	–	67	53	3	9	10
Guamanian	–	–	–	–	–	–	9	–	6
Other Pacific Islander	28	18	150	–	–	–	–	–	9
Other race	48	31	–	35	60	92	69	44	–
HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	**4 009**	**2 654**	**1 018**	**2 065**	**1 414**	**2 379**	**2 978**	**1 722**	**1 422**
Hispanic origin (of any race)	274	148	24	134	215	216	189	181	31
Mexican	33	66	6	31	7	17	27	36	–
Puerto Rican	84	21	–	44	136	72	76	33	9
Cuban	–	–	–	–	–	–	–	–	–
Other Hispanic	157	61	18	59	72	127	86	112	22
Dominican (Dominican Republic)	–	–	–	–	–	–	–	–	–
Central American	–	7	–	–	–	–	15	–	–
Costa Rican	–	7	–	–	–	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–	–
Honduran	–	–	–	–	–	–	9	–	–
Nicaraguan	–	–	–	–	–	–	–	–	–
Panamanian	–	–	–	–	–	–	6	–	–
Salvadoran	–	–	–	–	–	–	–	–	–
Other Central American	–	–	–	–	–	–	–	–	–
South American	13	–	–	–	–	–	–	5	–
Argentinean	11	–	–	–	–	–	–	–	–
Chilean	–	–	–	–	–	–	–	–	–
Colombian	–	–	–	–	–	–	–	–	–
Ecuadorian	–	–	–	–	–	–	–	5	–
Peruvian	–	–	–	–	–	–	–	–	–
Venezuelan	2	–	–	–	–	–	–	–	–
Other South American	–	–	–	–	–	–	–	–	–
All other Hispanic	144	54	18	59	72	127	71	107	22
Not of Hispanic origin	3 735	2 506	994	1 931	1 199	2 163	2 789	1 541	1 391
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	**4 009**	**2 654**	**1 018**	**2 065**	**1 414**	**2 379**	**2 978**	**1 722**	**1 422**
White	2 872	1 100	390	726	373	1 046	1 701	1 043	752
Hispanic origin	103	47	13	24	36	41	57	63	–
Not of Hispanic origin	2 769	1 053	377	702	337	1 005	1 644	980	752
Black	18	–	22	–	14	55	112	15	8
Hispanic origin	–	–	–	–	–	11	6	–	–
Not of Hispanic origin	18	–	22	–	14	44	106	15	8
American Indian, Eskimo, or Aleut	27	19	–	–	27	21	10	17	–
Hispanic origin	–	–	–	–	–	–	–	–	–
Not of Hispanic origin	27	19	–	–	27	21	10	17	–
Asian or Pacific Islander	1 044	1 504	606	1 304	940	1 165	1 086	603	662
Hispanic origin	123	70	11	75	125	96	57	74	31
Not of Hispanic origin	921	1 434	595	1 229	815	1 069	1 029	529	631
Other race	48	31	–	35	60	92	69	44	–
Hispanic origin	48	31	–	35	54	68	69	44	–
Not of Hispanic origin	–	–	–	–	6	24	–	–	–
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER									
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	71.6	41.4	38.3	35.2	26.4	44.0	57.1	60.6	52.9
Black	.4	–	2.2	–	1.0	2.3	3.8	.9	.6
American Indian, Eskimo, or Aleut	.7	.7	–	–	1.9	.9	.3	1.0	–
American Indian	.5	.7	–	–	1.9	.9	.3	1.0	–
Asian or Pacific Islander	26.0	56.7	59.5	63.1	66.5	49.0	36.5	35.0	46.6
Asian	18.1	45.2	10.7	51.4	31.1	21.1	28.0	21.1	34.1
Pacific Islander	7.9	11.5	48.8	11.7	35.4	27.8	8.5	13.9	12.4
Other race	1.2	1.2	–	1.7	4.2	3.9	2.3	2.6	–
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	6.8	5.6	2.4	6.5	15.2	9.1	6.3	10.5	2.2
Mexican	.8	2.5	.6	1.5	.5	.7	.9	2.1	–
Puerto Rican	2.1	.8	–	2.1	9.6	3.0	2.6	1.9	.6
Cuban	–	–	–	–	–	–	–	–	–
Other Hispanic	3.9	2.3	1.8	2.9	5.1	5.3	2.9	6.5	1.5
Not of Hispanic origin	93.2	94.4	97.6	93.5	84.8	90.9	93.7	89.5	97.8
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN									
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	71.6	41.4	38.3	35.2	26.4	44.0	57.1	60.6	52.9
Not of Hispanic origin	69.1	39.7	37.0	34.0	23.8	42.2	55.2	56.9	52.9

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Table 5. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Mililani Town CDP	Mountain View CDP	Nanakuli CDP	Napili-Honokowai CDP	Pearl City CDP	Pukalani CDP	Pupukea CDP	Schofield Barracks CDP	Village Park CDP
RACE OF HOUSEHOLDER									
Occupied housing units	**8 776**	**1 143**	**2 053**	**1 792**	**8 876**	**1 841**	**1 297**	**3 504**	**2 038**
White	3 405	633	395	1 305	2 182	861	959	2 209	569
Black	264	–	33	32	324	–	–	859	43
American Indian, Eskimo, or Aleut	32	–	14	8	39	15	–	18	–
American Indian	32	–	14	8	39	15	–	18	–
Eskimo	–	–	–	–	–	–	–	–	–
Aleut	–	–	–	–	–	–	–	–	–
Asian or Pacific Islander	4 987	470	1 553	393	6 207	952	338	149	1 394
Asian	4 358	248	420	255	5 556	761	247	53	1 176
Chinese	433	–	52	24	392	35	45	5	101
Filipino	918	58	277	93	1 080	188	129	33	460
Japanese	2 763	180	79	127	3 901	519	64	5	579
Asian Indian	–	–	–	11	6	–	–	–	–
Korean	200	10	12	–	105	8	–	4	29
Vietnamese	23	–	–	–	29	–	–	–	7
Cambodian	–	–	–	–	–	–	–	–	–
Hmong	–	–	–	–	–	–	–	–	–
Laotian	13	–	–	–	–	–	–	–	–
Thai	–	–	–	–	6	–	–	6	–
Other Asian	8	–	–	–	37	11	9	–	–
Pacific Islander	629	222	1 133	138	651	191	91	96	218
Hawaiian	564	209	1 021	104	544	191	81	26	184
Samoan	12	–	106	–	67	–	–	30	12
Guamanian	46	13	–	10	40	–	–	40	15
Other Pacific Islander	7	–	6	24	–	–	10	–	7
Other race	88	40	58	54	124	13	–	269	32
HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	**8 776**	**1 143**	**2 053**	**1 792**	**8 876**	**1 841**	**1 297**	**3 504**	**2 038**
Hispanic origin (of any race)	401	129	172	91	443	166	86	369	133
Mexican	79	10	19	49	89	11	28	122	15
Puerto Rican	118	63	57	6	123	60	15	145	44
Cuban	7	7	–	–	–	–	–	17	–
Other Hispanic	197	49	96	36	231	95	43	85	74
Dominican (Dominican Republic)	–	–	–	–	–	–	–	21	–
Central American	–	–	–	–	23	6	–	20	–
Costa Rican	–	–	–	–	7	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–	–
Honduran	–	–	–	–	–	–	–	8	–
Nicaraguan	–	–	–	–	–	–	–	–	–
Panamanian	–	–	–	–	16	–	–	12	–
Salvadoran	–	–	–	–	–	6	–	–	–
Other Central American	–	–	–	–	–	–	–	–	–
South American	14	–	–	–	27	–	22	–	–
Argentinean	4	–	–	–	–	–	–	–	–
Chilean	–	–	–	–	–	–	–	–	–
Colombian	–	–	–	–	–	–	–	–	–
Ecuadorian	4	–	–	–	27	–	–	–	–
Peruvian	6	–	–	–	–	–	22	–	–
Venezuelan	–	–	–	–	–	–	–	–	–
Other South American	–	–	–	–	–	–	–	–	–
All other Hispanic	183	49	96	36	181	89	21	44	74
Not of Hispanic origin	8 375	1 014	1 881	1 701	8 433	1 675	1 211	3 135	1 905
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	**8 776**	**1 143**	**2 053**	**1 792**	**8 876**	**1 841**	**1 297**	**3 504**	**2 038**
White	3 405	633	395	1 305	2 182	861	959	2 209	569
Hispanic origin	138	65	37	27	116	92	81	86	22
Not of Hispanic origin	3 267	568	358	1 278	2 066	769	878	2 123	547
Black	264	–	33	32	324	–	–	859	43
Hispanic origin	4	–	–	6	9	–	–	21	–
Not of Hispanic origin	260	–	33	26	315	–	–	838	43
American Indian, Eskimo, or Aleut	32	–	14	8	39	15	–	18	–
Hispanic origin	–	–	–	–	15	7	–	–	–
Not of Hispanic origin	32	–	14	8	24	8	–	18	–
Asian or Pacific Islander	4 987	470	1 553	393	6 207	952	338	149	1 394
Hispanic origin	186	45	86	22	179	61	5	–	84
Not of Hispanic origin	4 801	425	1 467	371	6 028	891	333	149	1 310
Other race	88	40	58	54	124	13	–	269	32
Hispanic origin	73	19	49	36	124	6	–	262	27
Not of Hispanic origin	15	21	9	18	–	7	–	7	5
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER									
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	38.8	55.4	19.2	72.8	24.6	46.8	73.9	63.0	27.9
Black	3.0	–	1.6	1.8	3.7	–	–	24.5	2.1
American Indian, Eskimo, or Aleut	.4	–	.7	.4	.4	.8	–	.5	–
American Indian	.4	–	.7	.4	.4	.8	–	.5	–
Asian or Pacific Islander	56.8	41.1	75.6	21.9	69.9	51.7	26.1	4.3	68.4
Asian	49.7	21.7	20.5	14.2	62.6	41.3	19.0	1.5	57.7
Pacific Islander	7.2	19.4	55.2	7.7	7.3	10.4	7.0	2.7	10.7
Other race	1.0	3.5	2.8	3.0	1.4	.7	–	7.7	1.6
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER									
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	4.6	11.3	8.4	5.1	5.0	9.0	6.6	10.5	6.5
Mexican	.9	.9	.9	2.7	1.0	.6	2.2	3.5	.7
Puerto Rican	1.3	5.5	2.8	.3	1.4	3.3	1.2	4.1	2.2
Cuban	.1	.6	–	–	–	–	–	.5	–
Other Hispanic	2.2	4.3	4.7	2.0	2.6	5.2	3.3	2.4	3.6
Not of Hispanic origin	95.4	88.7	91.6	94.9	95.0	91.0	93.4	89.5	93.5
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN									
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	38.8	55.4	19.2	72.8	24.6	46.8	73.9	63.0	27.9
Not of Hispanic origin	37.2	49.7	17.4	71.3	23.3	41.8	67.7	60.6	26.8

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Table 5. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Wahiawa CDP	Waialua CDP	Waianae CDP	Waihee-Waiehue CDP	Wailea-Makena CDP	Wailua Homesteads CDP	Wailuku CDP	Waimalu CDP
RACE OF HOUSEHOLDER								
Occupied housing units	**5 619**	**1 219**	**2 183**	**1 052**	**1 546**	**1 238**	**3 661**	**10 372**
White	1 483	371	592	254	1 337	672	978	3 769
Black	261	8	12	–	–	17	6	406
American Indian, Eskimo, or Aleut	12	8	25	–	5	10	31	40
American Indian	12	8	25	–	5	10	31	34
Eskimo	–	–	–	–	–	–	–	–
Aleut	–	–	–	–	–	–	–	6
Asian or Pacific Islander	3 697	809	1 481	773	181	491	2 580	6 042
Asian	3 122	752	635	592	145	390	1 980	5 393
Chinese	202	46	26	26	22	20	127	660
Filipino	941	347	321	303	28	86	393	980
Japanese	1 648	342	256	239	89	256	1 404	3 451
Asian Indian	–	–	–	–	–	–	–	–
Korean	311	–	17	24	–	19	37	220
Vietnamese	9	–	7	–	–	–	5	23
Cambodian	–	–	–	–	–	–	–	–
Hmong	–	–	–	–	–	–	–	–
Laotian	–	17	–	–	–	–	–	–
Thai	5	–	–	–	–	–	–	18
Other Asian	6	–	8	–	6	9	14	41
Pacific Islander	575	57	846	181	36	101	600	649
Hawaiian	475	42	787	162	36	93	584	560
Samoan	55	–	59	19	–	–	11	52
Guamanian	25	15	–	–	–	–	–	25
Other Pacific Islander	20	–	–	–	–	8	5	12
Other race	166	23	73	25	23	48	66	115
HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	**5 619**	**1 219**	**2 183**	**1 052**	**1 546**	**1 238**	**3 661**	**10 372**
Hispanic origin (of any race)	474	65	183	54	77	78	159	554
Mexican	46	6	38	5	14	14	36	141
Puerto Rican	187	35	83	39	15	34	37	114
Cuban	10	–	–	–	–	–	–	–
Other Hispanic	231	24	62	10	48	30	86	299
Dominican (Dominican Republic)	–	–	–	–	–	–	–	–
Central American	6	–	–	–	–	–	6	7
Costa Rican	–	–	–	–	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–
Honduran	6	–	–	–	–	–	–	–
Nicaraguan	–	–	–	–	–	–	6	–
Panamanian	–	–	–	–	–	–	–	7
Salvadoran	–	–	–	–	–	–	–	–
Other Central American	–	–	–	–	–	–	–	–
South American	13	–	–	–	–	–	–	9
Argentinean	13	–	–	–	–	–	–	–
Chilean	–	–	–	–	–	–	–	–
Colombian	–	–	–	–	–	–	–	–
Ecuadorian	–	–	–	–	–	–	–	–
Peruvian	–	–	–	–	–	–	–	9
Venezuelan	–	–	–	–	–	–	–	–
Other South American	–	–	–	–	–	–	–	–
All other Hispanic	212	24	62	10	48	30	80	283
Not of Hispanic origin	5 145	1 154	2 000	998	1 469	1 160	3 502	9 818
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	**5 619**	**1 219**	**2 183**	**1 052**	**1 546**	**1 238**	**3 661**	**10 372**
White	1 483	371	592	254	1 337	672	978	3 769
Hispanic origin	118	20	51	10	38	10	52	206
Not of Hispanic origin	1 365	351	541	244	1 299	662	926	3 563
Black	261	8	12	–	–	17	6	406
Hispanic origin	–	–	–	–	–	–	–	12
Not of Hispanic origin	261	8	12	–	–	17	6	394
American Indian, Eskimo, or Aleut	12	8	25	–	5	10	31	40
Hispanic origin	–	–	–	–	–	4	–	13
Not of Hispanic origin	12	8	25	–	5	6	31	27
Asian or Pacific Islander	3 697	809	1 481	773	181	491	2 580	6 042
Hispanic origin	206	22	76	19	16	23	54	213
Not of Hispanic origin	3 491	787	1 405	754	165	468	2 526	5 829
Other race	166	23	73	25	23	48	66	115
Hispanic origin	150	23	56	25	23	41	53	110
Not of Hispanic origin	16	–	17	–	–	7	13	5
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER								
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	26.4	30.4	27.1	24.1	86.5	54.3	26.7	36.3
Black	4.6	.7	.5	–	–	1.4	.2	3.9
American Indian, Eskimo, or Aleut	.2	.7	1.1	–	.3	.8	.8	.4
American Indian	.2	.7	1.1	–	.3	.8	.8	.3
Asian or Pacific Islander	65.8	66.4	67.8	73.5	11.7	39.7	70.5	58.3
Asian	55.6	61.7	29.1	56.3	9.4	31.5	54.1	52.0
Pacific Islander	10.2	4.7	38.8	17.2	2.3	8.2	16.4	6.3
Other race	3.0	1.9	3.3	2.4	1.5	3.9	1.8	1.1
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	8.4	5.3	8.4	5.1	5.0	6.3	4.3	5.3
Mexican	.8	.5	1.7	.5	.9	1.1	1.0	1.4
Puerto Rican	3.3	2.9	3.8	3.7	1.0	2.7	1.0	1.1
Cuban	.2	–	–	–	–	–	–	–
Other Hispanic	4.1	2.0	2.8	1.0	3.1	2.4	2.3	2.9
Not of Hispanic origin	91.6	94.7	91.6	94.9	95.0	93.7	95.7	94.7
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN								
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	26.4	30.4	27.1	24.1	86.5	54.3	26.7	36.3
Not of Hispanic origin	24.3	28.8	24.8	23.2	84.0	53.5	25.3	34.4

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Table 5. **Occupied Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 or More Persons]	Waimanalo CDP	Waimanalo Beach CDP	Waimea CDP, Hawaii County	Waipahu CDP	Waipio CDP	Waipio Acres CDP	Wheeler AFB CDP	Whitmore Village CDP
RACE OF HOUSEHOLDER								
Occupied housing units	**817**	**937**	**1 887**	**7 567**	**4 032**	**1 789**	**702**	**816**
White	187	225	862	1 098	1 423	775	556	91
Black	–	–	–	188	158	197	86	17
American Indian, Eskimo, or Aleut	8	6	16	19	10	8	–	–
American Indian	8	6	16	19	10	8	–	–
Eskimo	–	–	–	–	–	–	–	–
Aleut	–	–	–	–	–	–	–	–
Asian or Pacific Islander	605	699	964	6 090	2 383	732	36	689
Asian	249	84	484	4 961	2 160	611	20	651
Chinese	15	21	31	220	177	69	–	9
Filipino	140	13	134	2 965	554	195	15	497
Japanese	85	50	313	1 672	1 295	299	5	125
Asian Indian	–	–	–	7	–	–	–	–
Korean	4	–	–	71	112	15	–	7
Vietnamese	–	–	–	20	8	–	–	8
Cambodian	–	–	–	–	–	–	–	–
Hmong	–	–	–	–	–	–	–	–
Laotian	–	–	–	6	–	–	–	–
Thai	–	–	–	–	–	–	–	–
Other Asian	5	–	6	–	14	33	–	5
Pacific Islander	356	615	480	1 129	223	121	16	38
Hawaiian	346	615	460	853	200	121	11	18
Samoan	10	–	–	208	23	–	–	13
Guamanian	–	–	–	14	–	–	5	7
Other Pacific Islander	–	–	20	54	–	–	–	–
Other race	17	7	45	172	58	77	24	19
HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	**817**	**937**	**1 887**	**7 567**	**4 032**	**1 789**	**702**	**816**
Hispanic origin (of any race)	60	52	162	752	204	130	41	50
Mexican	–	7	18	53	80	37	11	7
Puerto Rican	27	18	40	317	65	31	–	14
Cuban	–	–	–	8	–	5	–	–
Other Hispanic	33	27	104	374	59	57	30	29
Dominican (Dominican Republic)	–	–	–	–	–	–	–	–
Central American	–	–	–	–	–	–	–	–
Costa Rican	–	–	–	–	–	–	–	–
Guatemalan	–	–	–	–	–	–	–	–
Honduran	–	–	–	–	–	–	–	–
Nicaraguan	–	–	–	–	–	–	–	–
Panamanian	–	–	–	–	–	–	–	–
Salvadoran	–	–	–	–	–	–	–	–
Other Central American	–	–	–	–	–	–	–	–
South American	–	3	–	–	–	–	–	–
Argentinean	–	–	–	–	–	–	–	–
Chilean	–	3	–	–	–	–	–	–
Colombian	–	–	–	–	–	–	–	–
Ecuadorian	–	–	–	–	–	–	–	–
Peruvian	–	–	–	–	–	–	–	–
Venezuelan	–	–	–	–	–	–	–	–
Other South American	–	–	–	–	–	–	–	–
All other Hispanic	33	24	104	374	59	57	30	29
Not of Hispanic origin	757	885	1 725	6 815	3 828	1 659	661	766
RACE AND HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	**817**	**937**	**1 887**	**7 567**	**4 032**	**1 789**	**702**	**816**
White	187	225	862	1 098	1 423	775	556	91
Hispanic origin	25	12	32	142	84	15	7	4
Not of Hispanic origin	162	213	830	956	1 339	760	549	87
Black	–	–	–	188	158	197	86	17
Hispanic origin	–	–	–	8	3	–	–	–
Not of Hispanic origin	–	–	–	180	155	197	86	17
American Indian, Eskimo, or Aleut	8	6	16	19	10	8	–	–
Hispanic origin	8	–	–	–	–	–	–	–
Not of Hispanic origin	–	6	16	19	10	8	–	–
Asian or Pacific Islander	605	699	964	6 090	2 383	732	36	689
Hispanic origin	15	33	85	436	59	44	10	31
Not of Hispanic origin	590	666	879	5 654	2 324	688	26	658
Other race	17	7	45	172	58	77	24	19
Hispanic origin	12	7	45	166	58	71	24	15
Not of Hispanic origin	5	–	–	6	–	6	–	4
PERCENT DISTRIBUTION BY RACE OF HOUSEHOLDER								
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	22.9	24.0	45.7	14.5	35.3	43.3	79.2	11.2
Black	–	–	–	2.5	3.9	11.0	12.3	2.1
American Indian, Eskimo, or Aleut	1.0	.6	.8	.3	.2	.4	–	–
American Indian	1.0	.6	.8	.3	.2	.4	–	–
Asian or Pacific Islander	74.1	74.6	51.1	80.5	59.1	40.9	5.1	84.4
Asian	30.5	9.0	25.6	65.6	53.6	34.2	2.8	79.8
Pacific Islander	43.6	65.6	25.4	14.9	5.5	6.8	2.3	4.7
Other race	2.1	.7	2.4	2.3	1.4	4.3	3.4	2.3
PERCENT DISTRIBUTION BY HISPANIC ORIGIN OF HOUSEHOLDER								
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Hispanic origin (of any race)	7.3	5.5	8.6	9.9	5.1	7.3	5.8	6.1
Mexican	–	.7	1.0	.7	2.0	2.1	1.6	.9
Puerto Rican	3.3	1.9	2.1	4.2	1.6	1.7	–	1.7
Cuban	–	–	–	.1	–	.3	–	–
Other Hispanic	4.0	2.9	5.5	4.9	1.5	3.2	4.3	3.6
Not of Hispanic origin	92.7	94.5	91.4	90.1	94.9	92.7	94.2	93.9
PERCENT OF HOUSEHOLDERS WHITE, NOT OF HISPANIC ORIGIN								
Occupied housing units	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	22.9	24.0	45.7	14.5	35.3	43.3	79.2	11.2
Not of Hispanic origin	19.8	22.7	44.0	12.6	33.2	42.5	78.2	10.7

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Table 6. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent					Year structure built		Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	1980 to March 1990	1939 or earlier		With a mortgage	Not mortgaged	
The State	**370 270**	**138 755**	**1.0**	**1.6**	**32.5**	**8.7**	**2.5**	**23.3**	**6.0**	**1972**	**1 181**	**176**	**764**
URBAN AND RURAL AND SIZE OF PLACE													
Urban	319 892	119 834	.6	1.4	32.2	9.4	2.0	21.1	5.4	1971	1 230	190	773
Inside urbanized area	234 657	87 250	.3	1.2	32.0	10.8	1.6	15.4	5.6	1968	1 354	215	788
Central place	118 867	52 011	.4	1.6	28.7	15.8	2.1	11.1	6.4	1967	1 488	231	749
Urban fringe	115 790	35 239	.2	.7	36.9	3.4	1.0	21.8	4.5	1971	1 273	183	845
Outside urbanized area	85 235	32 584	1.3	1.8	32.9	5.9	3.0	36.5	4.9	1976	989	158	731
Place of 10,000 or more	21 993	8 719	.4	2.0	33.5	8.9	2.9	29.7	6.0	1974	959	148	613
Place of 2,500 to 9,999	63 242	23 865	1.7	1.8	32.6	4.8	3.1	39.0	4.5	1977	996	163	769
Rural	50 378	18 921	3.8	2.7	34.4	4.2	5.2	37.2	9.2	1975	838	133	696
Place of 1,000 to 2,499	20 997	8 174	2.6	1.9	38.3	5.3	3.7	37.2	9.2	1975	909	148	745
Place of less than 1,000	6 800	2 911	3.3	2.9	32.1	4.8	4.5	30.5	11.4	1975	793	119	724
Other rural	22 581	7 836	5.2	3.3	31.3	2.7	7.1	39.7	8.4	1976	800	124	601
Rural farm	2 209	805	7.3	4.5	15.0	1.9	8.8	30.7	14.8	1975	875	182	495
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	264 767	97 451	.3	1.2	32.4	10.2	1.7	15.8	5.5	1969	1 324	210	781
In central city	97 639	44 573	.4	1.6	29.2	17.9	2.4	10.9	7.0	1967	1 551	235	736
Not in central city	167 128	52 878	.2	.9	35.1	3.7	1.1	20.0	4.2	1970	1 271	191	828
Urban	154 948	48 807	.2	.8	34.6	3.6	1.0	20.2	4.0	1971	1 273	191	840
Inside urbanized area	137 018	42 677	.2	.8	34.9	3.3	.8	20.1	4.2	1970	1 296	196	855
Outside urbanized area	17 930	6 130	.1	.9	32.3	6.2	2.2	21.1	2.6	1973	1 098	157	739
Rural	12 180	4 071	.1	1.6	41.3	3.8	2.0	17.1	6.8	1966	1 134	170	708
Outside metropolitan area	105 503	41 304	2.8	2.4	32.8	5.3	4.3	41.0	7.0	1977	923	144	718
Urban	67 305	26 454	1.6	2.1	33.0	5.9	3.2	40.1	5.4	1977	967	158	728
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	67 305	26 454	1.6	2.1	33.0	5.9	3.2	40.1	5.4	1977	967	158	728
Place of 10,000 or more	21 993	8 719	.4	2.0	33.5	8.9	2.9	29.7	6.0	1974	959	148	613
Place of 2,500 to 9,999	45 312	17 735	2.2	2.1	32.7	4.3	3.4	45.2	5.1	1979	970	165	782
Rural	38 198	14 850	4.8	3.0	32.6	4.3	6.1	42.7	9.9	1977	811	132	684
COUNTY													
Hawaii County	47 903	18 983	4.2	3.6	31.6	6.3	6.0	43.2	8.1	1978	750	129	559
Honolulu County	264 767	97 451	.3	1.2	32.4	10.2	1.7	15.8	5.5	1969	1 324	210	781
Kauai County	17 726	6 602	1.2	1.4	30.4	3.4	2.6	39.8	9.3	1976	1 024	167	777
Maui County	39 806	15 694	1.7	1.3	35.4	4.7	2.9	39.0	4.8	1977	1 155	185	813
PLACE AND COUNTY SUBDIVISION													
Ahuimanu CDP	3 014	1 016	–	2.0	26.1	1.6	.4	23.8	–	1975	1 223	241	967
Aiea CDP	2 187	702	–	.9	22.1	5.4	–	5.0	5.8	1961	956	187	964
Aliamanu CDP	4 624	1 337	–	–	42.3	1.3	–	16.5	–	1976	–	–	596
Captain Cook CDP	1 003	395	12.4	7.1	39.0	1.3	7.3	30.6	19.0	1970	1 199	138	507
Ewa Beach CDP	3 313	1 028	.9	1.8	16.8	4.6	1.2	8.5	7.9	1966	928	152	785
Fort Shafter CDP	1 887	614	–	–	35.0	1.6	1.6	–	15.8	1953	–	–	673
Haiku-Pauwela CDP	2 660	1 002	4.7	2.3	26.0	3.3	3.6	46.0	9.1	1978	1 008	152	740
Halawa CDP	3 248	1 232	–	.9	28.5	3.9	.8	22.7	1.8	1966	954	193	950
Hawaiian Beaches CDP	1 208	463	4.1	2.6	26.6	4.1	5.4	26.6	–	1977	471	119	550
Hawaiian Paradise Park CDP	1 765	745	5.5	5.8	36.6	1.9	4.6	61.6	1.2	1983	657	100–	524
Heeia CDP	1 731	656	–	–	10.8	1.1	–	9.1	1.1	1971	1 375	233	1 346
Hickam Housing CDP	4 560	1 395	–	–	36.0	.9	.4	.9	27.2	1951	–	–	790
Hilo CDP	10 100	4 000	.4	3.2	26.3	12.4	3.9	20.3	10.1	1971	794	133	447
Holualoa CDP	2 489	1 060	.6	4.7	32.8	4.8	2.1	50.4	6.0	1980	1 039	262	734
Honolulu CDP	97 639	44 573	.4	1.6	29.2	17.9	2.4	10.9	7.0	1967	1 551	235	736
Iroquois Point CDP	3 314	986	–	.6	40.7	1.2	–	.4	1.4	1961	1 375	–	777
Kahaluu CDP	1 167	403	–	1.0	27.8	3.2	4.0	13.6	2.0	1964	1 192	204	814
Kahului CDP	2 676	869	–	1.4	23.4	11.4	1.8	25.0	1.3	1973	779	162	583
Kailua CDP, Hawaii County	4 975	1 928	1.4	1.3	39.0	4.8	3.1	43.8	2.0	1979	1 033	188	688
Kailua CDP, Honolulu County	21 228	7 438	.2	1.3	25.6	2.8	.3	12.0	2.6	1963	1 394	221	944
Kalaheo CDP	1 618	607	–	–	26.5	–	2.8	32.8	14.0	1970	1 063	154	789
Kalaoa CDP	2 916	1 105	.5	–	28.5	.9	.9	60.1	–	1982	1 065	214	933
Kaneohe CDP	11 045	3 939	–	2.2	30.8	5.7	–	20.9	1.4	1971	1 205	195	941
Kaneohe Station CDP	7 940	1 438	.6	–	44.1	.6	1.1	9.7	1.5	1963	–	–	525
Kapaa CDP	2 836	1 057	2.0	3.5	33.3	7.9	2.6	42.8	11.0	1977	972	158	702
Kihei CDP	6 717	2 872	–	.8	50.2	3.6	1.8	46.7	.2	1979	1 418	221	881
Lahaina CDP	2 871	1 100	3.3	3.2	36.5	15.5	8.2	16.7	4.5	1974	1 218	297	827
Laie CDP	1 851	390	–	–	32.8	7.7	7.7	20.5	1.3	1974	1 023	454	598
Lihue CDP	1 674	726	–	–	32.0	8.0	3.6	42.0	6.9	1978	1 509	202	817
Maili CDP	1 312	373	–	–	25.7	8.6	2.9	4.0	.8	1967	964	113	640
Makaha CDP	2 556	1 046	–	–	45.9	8.1	1.4	15.5	1.3	1974	738	134	654
Makakilo City CDP	4 636	1 701	–	–	31.8	2.9	–	32.3	–	1976	1 283	184	1 000
Makawao CDP	2 881	1 043	–	.4	33.1	2.5	–	52.4	12.4	1981	1 100	137	843
Maunawili CDP	2 298	752	2.4	2.4	14.1	2.3	1.2	2.4	–	1964	1 445	186	1 282
Mililani Town CDP	10 033	3 405	.2	–	33.9	1.1	.6	29.7	.2	1977	1 397	204	1 203
Mountain View CDP	1 436	633	19.7	13.0	21.5	4.1	19.9	58.6	9.8	1982	548	100–	416
Nanakuli CDP	1 392	395	–	–	28.1	5.3	6.1	12.4	5.6	1973	882	139	713
Napili-Honokowai CDP	2 768	1 305	–	–	49.0	3.6	2.6	41.5	–	1978	1 359	494	869
Pearl City CDP	6 617	2 182	–	.9	36.2	4.4	.7	21.6	1.2	1967	895	171	788
Pukalani CDP	2 455	861	–	–	27.5	3.5	1.0	47.3	.7	1979	995	206	857
Pupukea CDP	2 631	959	–	4.2	31.7	1.8	.8	30.4	3.2	1974	1 598	188	842
Schofield Barracks CDP	11 964	2 209	.3	.3	49.3	.9	1.1	5.3	15.2	1957	–	–	416
Village Park CDP	1 630	569	–	–	40.9	–	–	89.8	–	1986	1 557	175	1 328
Wahiawa CDP	4 012	1 483	–	.5	41.5	15.1	6.3	18.0	5.6	1963	1 295	155	650
Waianae CDP	1 768	592	–	–	24.8	10.1	4.9	12.8	4.7	1971	891	142	561
Wailea-Makena CDP	3 055	1 337	.5	–	34.4	1.3	–	58.4	–	1982	1 507	271	1 024
Wailua Homesteads CDP	1 872	672	–	2.4	30.2	.9	–	51.6	.7	1981	1 111	151	886

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Table 6. **Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
PLACE AND COUNTY SUBDIVISION—Con.													
Wailuku CDP	2 500	978	1.5	1.5	22.8	8.5	2.8	22.6	10.5	1965	1 290	161	620
Waimalu CDP	8 434	3 769	.4	.4	44.0	2.8	.3	36.3	–	1978	1 436	216	921
Waimea CDP, Hawaii County	2 461	862	.8	.9	35.3	3.9	4.3	45.0	7.0	1978	794	228	777
Waipahu CDP	3 669	1 098	–	–	38.4	7.8	3.9	17.7	2.1	1969	742	132	655
Waipio CDP	3 405	1 423	–	–	45.0	3.2	–	76.2	–	1984	1 415	246	903
Waipio Acres CDP	2 006	775	–	.8	59.6	3.5	.6	13.0	–	1974	1 172	213	807
Wheeler AFB CDP	1 933	556	–	–	46.0	–	1.3	3.1	17.8	1956	–	–	680

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Table 7. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
The State	**26 669**	**7 342**	**.7**	**1.0**	**51.6**	**9.2**	**3.1**	**18.7**	**4.2**	**1972**	**1 344**	**170**	**715**
URBAN AND RURAL AND SIZE OF PLACE													
Urban	25 062	6 938	.7	1.1	52.4	9.6	3.0	18.5	3.9	1971	1 381	170	719
Inside urbanized area	23 543	6 473	.8	1.1	53.1	9.9	2.9	18.1	3.6	1971	1 420	164	715
Central place	5 050	1 783	.9	1.8	47.8	18.8	3.9	14.3	3.0	1969	1 125	159	741
Urban fringe	18 493	4 690	.7	.8	55.1	6.5	2.5	19.5	3.9	1972	1 431	168	698
Outside urbanized area	1 519	465	–	1.3	43.2	5.2	4.3	24.5	8.2	1974	1 283	225	766
Place of 10,000 or more	271	91	–	–	26.4	–	–	15.4	20.9	1966	1 563	225	639
Place of 2,500 to 9,999	1 248	374	–	1.6	47.3	6.4	5.3	26.7	5.1	1975	1 272	–	808
Rural	1 607	404	–	–	38.4	2.7	5.4	22.0	8.9	1972	725	–	694
Place of 1,000 to 2,499	657	236	–	–	26.3	4.7	3.8	12.7	12.7	1965	375	–	689
Place of less than 1,000	79	26	–	–	100.0	–	–	100.0	–	1983	–	–	725
Other rural	871	142	–	–	47.2	–	9.2	23.2	4.2	1975	963	–	633
Rural farm	–	–	–	–	–	–	–	–	–	–	–	–	–
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	25 711	7 061	.7	1.1	52.2	9.4	2.7	18.1	3.9	1971	1 358	164	717
In central city	4 464	1 555	1.0	2.1	44.8	18.8	3.7	10.4	3.4	1969	1 750	195	730
Not in central city	21 247	5 506	.6	.8	54.3	6.8	2.5	20.3	4.1	1972	1 350	158	711
Urban	19 948	5 185	.7	.8	55.6	7.0	2.5	20.9	3.8	1972	1 390	158	714
Inside urbanized area	19 079	4 918	.7	.8	55.7	7.1	2.6	20.5	3.7	1972	1 409	158	706
Outside urbanized area	869	267	–	2.2	54.7	4.9	–	27.0	4.5	1975	1 324	–	809
Rural	1 299	321	–	–	33.0	3.4	2.8	11.8	9.3	1971	725	–	692
Outside metropolitan area	958	281	–	–	37.0	3.9	11.7	33.1	11.4	1974	1 212	225	698
Urban	650	198	–	–	27.8	5.6	10.1	21.2	13.1	1972	1 212	225	695
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	650	198	–	–	27.8	5.6	10.1	21.2	13.1	1972	1 212	225	695
Place of 10,000 or more	271	91	–	–	26.4	–	–	15.4	20.9	1966	1 563	225	639
Place of 2,500 to 9,999	379	107	–	–	29.0	10.3	18.7	26.2	6.5	1975	1 143	–	800
Rural	308	83	–	–	59.0	–	15.7	61.4	7.2	1981	1 250	–	701
COUNTY													
Honolulu County	25 711	7 061	.7	1.1	52.2	9.4	2.7	18.1	3.9	1971	1 358	164	717
PLACE AND COUNTY SUBDIVISION													
Aliamanu CDP	1 970	565	–	–	52.9	2.1	1.9	8.1	–	1975	–	–	417
Honolulu CDP	4 464	1 555	1.0	2.1	44.8	18.8	3.7	10.4	3.4	1969	1 750	195	730
Kaneohe Station CDP	2 028	352	–	–	54.5	–	–	2.6	2.6	1964	–	–	459
Schofield Barracks CDP	4 974	859	1.5	1.5	53.6	2.4	–	6.5	11.3	1961	–	–	384

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Table 8. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
The State	**5 596**	**1 624**	**3.9**	**1.4**	**39.3**	**8.7**	**8.4**	**19.4**	**9.3**	**1969**	**1 038**	**116**	**682**
URBAN AND RURAL AND SIZE OF PLACE													
Urban	4 785	1 367	2.3	1.7	38.9	9.8	4.5	14.8	8.8	1968	1 173	170	691
Inside urbanized area	3 341	950	2.7	1.5	36.4	11.5	2.5	9.4	8.2	1966	1 333	170	714
Central place	1 441	549	4.7	2.6	35.9	17.1	4.4	6.0	11.8	1965	1 229	172	668
Urban fringe	1 900	401	–	–	37.2	3.7	–	14.0	3.2	1968	1 375	167	795
Outside urbanized area	1 444	417	1.2	2.2	44.6	6.0	8.9	27.1	10.1	1974	936	–	667
Place of 10,000 or more	406	97	–	–	41.2	–	5.2	23.7	8.2	1973	–	–	549
Place of 2,500 to 9,999	1 038	320	1.6	2.8	45.6	7.8	10.0	28.1	10.6	1974	936	–	668
Rural	811	257	12.5	–	41.6	2.7	29.2	44.0	12.1	1977	561	100–	547
Place of 1,000 to 2,499	242	80	–	–	33.8	–	–	25.0	12.5	1971	–	–	806
Place of less than 1,000	81	7	–	–	–	–	–	–	–	1975	–	–	875
Other rural	488	170	18.8	–	47.1	4.1	44.1	54.7	12.4	1981	561	100–	363
Rural farm	52	16	–	–	–	–	–	43.8	56.3	1940–	–	100–	–
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	3 954	1 118	2.3	1.3	39.2	10.7	4.4	9.8	7.5	1967	1 125	170	711
In central city	1 266	472	5.5	3.0	33.1	19.9	5.1	7.0	13.8	1965	1 354	146	598
Not in central city	2 688	646	–	–	43.7	4.0	3.9	11.9	2.9	1968	1 077	171	788
Urban	2 426	583	–	–	42.9	4.5	2.9	10.6	2.2	1968	1 077	171	799
Inside urbanized area	2 075	478	–	–	39.7	3.1	–	11.7	2.7	1967	1 325	171	809
Outside urbanized area	351	105	–	–	57.1	10.5	16.2	5.7	–	1973	927	–	759
Rural	262	63	–	–	50.8	–	12.7	23.8	9.5	1967	–	–	675
Outside metropolitan area	1 642	506	7.3	1.8	39.7	4.2	17.2	40.5	13.2	1977	613	100–	547
Urban	1 093	312	1.6	2.9	40.4	4.5	6.4	34.3	13.5	1975	1 339	–	605
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	1 093	312	1.6	2.9	40.4	4.5	6.4	34.3	13.5	1975	1 339	–	605
Place of 10,000 or more	406	97	–	–	41.2	–	5.2	23.7	8.2	1973	–	–	549
Place of 2,500 to 9,999	687	215	2.3	4.2	40.0	6.5	7.0	39.1	15.8	1976	1 339	–	610
Rural	549	194	16.5	–	38.7	3.6	34.5	50.5	12.9	1980	561	100–	462
COUNTY													
Honolulu County	3 954	1 118	2.3	1.3	39.2	10.7	4.4	9.8	7.5	1967	1 125	170	711
PLACE AND COUNTY SUBDIVISION													
Honolulu CDP	1 266	472	5.5	3.0	33.1	19.9	5.1	7.0	13.8	1965	1 354	146	598

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Table 9. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
The State	**686 391**	**202 865**	**.9**	**1.2**	**15.3**	**10.6**	**2.7**	**18.4**	**7.5**	**1968**	**940**	**168**	**545**
URBAN AND RURAL AND SIZE OF PLACE													
Urban	618 906	183 779	.7	1.1	15.4	10.8	2.4	17.8	6.4	1968	981	174	558
Inside urbanized area	472 981	143 340	.5	1.0	15.5	11.9	2.1	15.8	6.0	1967	1 079	184	566
Central place	272 429	90 564	.7	1.4	16.1	16.1	2.5	10.9	8.0	1965	1 089	191	552
Urban fringe	200 552	52 776	.3	.4	14.4	4.7	1.3	24.2	2.7	1971	1 073	169	623
Outside urbanized area	145 925	40 439	1.2	1.1	15.1	7.1	3.6	25.0	7.7	1972	752	147	524
Place of 10,000 or more	52 019	16 657	.4	.9	13.4	7.6	3.1	19.8	8.2	1970	740	144	464
Place of 2,500 to 9,999	93 906	23 782	1.8	1.3	16.3	6.7	3.9	28.6	7.3	1973	763	149	570
Rural	67 485	19 086	2.6	2.2	13.8	8.7	5.4	24.2	18.5	1968	628	134	374
Place of 1,000 to 2,499	35 108	10 704	1.8	1.1	14.4	9.2	4.4	25.9	18.5	1969	616	134	391
Place of less than 1,000	8 306	2 385	2.2	2.9	11.4	8.5	4.8	10.6	27.2	1956	578	130	276
Other rural	24 071	5 997	4.1	4.0	13.9	8.0	7.4	26.4	14.9	1971	659	134	393
Rural farm	3 994	1 137	2.2	1.6	9.3	1.8	1.6	26.0	15.1	1968	732	178	571
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	527 410	155 572	.7	1.1	15.4	11.7	2.3	16.0	6.1	1967	1 050	181	562
In central city	258 111	86 596	.7	1.4	16.4	16.7	2.6	10.8	8.2	1965	1 094	192	549
Not in central city	269 299	68 976	.7	.7	14.2	5.4	1.9	22.6	3.5	1970	1 033	165	600
Urban	253 726	65 263	.6	.6	14.3	5.1	1.8	22.5	3.1	1970	1 044	166	616
Inside urbanized area	214 870	56 744	.3	.5	14.1	4.6	1.3	23.4	2.7	1970	1 072	170	632
Outside urbanized area	38 856	8 519	2.4	1.5	15.7	8.9	4.9	16.8	6.3	1971	784	140	551
Rural	15 573	3 713	2.3	2.0	12.7	10.5	4.1	24.5	9.5	1969	709	148	391
Outside metropolitan area	158 981	47 293	1.5	1.4	14.7	7.2	4.0	26.2	12.1	1972	707	142	472
Urban	107 069	31 920	.9	1.0	15.0	6.6	3.2	27.2	8.0	1973	745	148	512
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	107 069	31 920	.9	1.0	15.0	6.6	3.2	27.2	8.0	1973	745	148	512
Place of 10,000 or more	52 019	16 657	.4	.9	13.4	7.6	3.1	19.8	8.2	1970	740	144	464
Place of 2,500 to 9,999	55 050	15 263	1.5	1.1	16.6	5.5	3.4	35.2	7.8	1975	751	154	581
Rural	51 912	15 373	2.6	2.3	14.1	8.3	5.7	24.1	20.6	1968	596	132	364
COUNTY													
Hawaii County	68 852	21 380	1.9	1.4	15.4	8.4	4.8	24.4	14.1	1971	624	132	424
Honolulu County	527 410	155 572	.7	1.1	15.4	11.7	2.3	16.0	6.1	1967	1 050	181	562
Kauai County	31 963	9 205	1.2	1.7	12.3	5.5	3.2	26.1	11.0	1971	743	148	439
Maui County	58 104	16 671	1.1	1.3	15.1	6.4	3.4	28.5	10.0	1972	823	152	571
PLACE AND COUNTY SUBDIVISION													
Ahuimanu CDP	5 013	1 368	.4	–	13.6	2.6	–	29.9	1.5	1975	1 166	222	824
Aiea CDP	6 548	1 865	.4	–	7.4	5.1	1.4	10.0	11.3	1960	1 001	179	782
Aliamanu CDP	1 799	307	–	–	35.8	–	–	11.4	–	1975	2 000+	–	750
Captain Cook CDP	1 707	493	5.9	–	11.0	–	1.2	20.7	16.6	1965	820	133	400
Ewa Beach CDP	10 405	2 153	.6	.6	12.4	3.3	1.0	6.3	.9	1971	915	146	748
Ewa Villages CDP	3 420	792	–	–	6.4	9.1	.8	45.6	19.8	1959	688	128	119
Haiku-Pauwela CDP	1 716	471	2.3	–	11.7	5.1	1.7	32.1	14.9	1974	639	137	705
Halawa CDP	9 689	2 666	–	.2	13.9	7.5	1.5	24.5	–	1967	1 114	186	426
Hanamaulu CDP	2 986	680	1.3	1.3	7.5	6.8	2.6	12.6	2.5	1969	479	148	530
Hauula CDP	2 457	541	5.4	.9	22.9	8.5	3.0	19.4	8.1	1970	978	123	680
Hawaiian Beaches CDP	1 414	367	–	–	16.6	3.5	5.2	28.3	–	1977	510	117	493
Hawaiian Paradise Park CDP	1 453	331	1.8	5.7	19.0	–	3.9	52.3	3.3	1981	591	140	573
Heeia CDP	3 160	853	–	–	6.8	.5	–	5.7	.8	1968	1 165	185	1 214
Hilo CDP	26 369	8 980	.3	.8	13.9	9.1	3.9	17.1	9.2	1970	667	136	394
Holualoa CDP	1 171	430	2.6	–	24.7	8.6	–	23.7	6.0	1972	665	179	755
Honolulu CDP	258 111	86 596	.7	1.4	16.4	16.7	2.6	10.8	8.2	1965	1 094	192	549
Kahaluu CDP	1 740	492	–	–	6.9	4.9	–	9.8	2.6	1964	832	188	625
Kahului CDP	13 878	4 053	.4	.9	11.3	7.6	1.3	20.8	1.1	1971	770	158	586
Kailua CDP, Hawaii County	3 938	1 067	–	–	25.8	10.1	5.1	44.0	–	1978	723	179	522
Kailua CDP, Honolulu County	14 318	3 968	–	1.6	10.5	3.1	1.8	12.9	2.4	1963	1 057	176	747
Kalaheo CDP	1 815	518	–	–	11.0	2.3	3.3	34.2	14.7	1975	686	150	424
Kalaoa CDP	1 505	421	3.3	5.7	20.2	3.1	–	55.8	–	1981	1 039	194	1 035
Kaneohe CDP	23 340	6 394	.3	.6	10.2	3.3	.8	18.7	1.9	1967	977	177	613
Kapaa CDP	5 064	1 442	.9	1.2	13.1	7.1	4.2	31.8	10.0	1972	770	145	617
Kaunakakai CDP	2 288	671	–	–	20.6	11.3	11.3	38.5	1.0	1976	454	163	315
Kekaha CDP	2 625	737	1.5	1.1	9.4	8.5	3.5	27.0	15.9	1973	538	160	286
Kihei CDP	3 885	1 044	–	2.5	21.1	3.3	2.0	45.7	1.7	1979	1 135	200	763
Lahaina CDP	6 016	1 504	3.8	3.4	11.8	8.2	4.3	22.7	14.1	1972	942	156	623
Laie CDP	3 572	606	3.5	1.0	33.2	5.6	9.6	16.3	2.3	1973	929	203	362
Lihue CDP	3 796	1 304	.5	1.4	17.5	5.5	3.5	26.0	7.0	1970	812	166	500
Maili CDP	4 468	940	2.8	–	22.9	4.4	2.4	13.9	6.3	1966	839	171	538
Makaha CDP	4 973	1 165	1.9	1.2	13.7	13.6	2.1	19.7	5.7	1969	754	201	555
Makakilo City CDP	4 639	1 086	.6	1.4	14.6	5.8	.4	24.5	–	1974	1 212	182	878
Makawao CDP	2 247	603	1.0	–	31.2	–	–	48.3	8.6	1979	1 064	139	850
Maunawili CDP	2 492	662	–	–	6.5	–	–	3.6	.6	1965	1 116	192	1 150
Mililani Town CDP	17 965	4 987	–	.3	15.7	1.2	.5	36.3	–	1978	1 249	171	792
Mountain View CDP	1 642	470	9.8	3.6	19.8	6.4	10.4	51.5	11.9	1980	572	100–	419
Nanakuli CDP	7 782	1 553	1.5	1.0	12.1	9.0	7.8	14.2	8.7	1970	446	134	619
Napili-Honokowai CDP	1 429	393	–	–	35.6	3.6	2.8	43.0	3.8	1979	672	181	850
Pearl City CDP	22 820	6 207	.2	.8	6.6	3.3	.6	7.6	.8	1966	769	167	724

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Table 9. **Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
PLACE AND COUNTY SUBDIVISION—Con.													
Pukalani CDP	3 303	952	–	–	12.4	2.6	.7	32.5	2.2	1975	905	165	668
Pupukea CDP	1 410	338	3.6	4.4	11.5	5.9	9.2	19.8	6.8	1974	884	164	525
Schofield Barracks CDP	1 145	149	–	–	45.6	–	–	6.0	3.4	1970	–	–	391
Village Park CDP	5 510	1 394	–	–	25.1	–	–	89.2	–	1986	1 596	166	991
Wahiawa CDP	11 976	3 697	.9	1.2	11.5	12.0	2.4	10.6	11.6	1957	916	144	485
Waialua CDP	2 996	809	4.6	4.8	8.8	12.5	5.9	10.1	16.6	1962	742	120	327
Waianae CDP	6 559	1 481	2.0	1.4	12.2	10.7	6.1	15.7	4.4	1972	489	150	459
Waihee-Waiehue CDP	3 103	773	–	–	14.2	3.6	.6	51.6	6.3	1980	986	129	799
Wailua Homesteads CDP	1 787	491	–	–	17.9	2.6	–	46.8	1.6	1979	978	208	780
Wailuku CDP	7 887	2 580	.9	1.1	12.0	4.4	3.7	17.0	18.3	1960	916	147	483
Waimalu CDP	20 382	6 042	.1	.2	17.6	3.9	1.2	28.2	.5	1976	1 261	163	809
Waimanalo CDP	2 717	605	–	1.3	6.1	6.9	2.3	9.9	2.8	1973	561	185	446
Waimanalo Beach CDP	3 386	699	1.7	–	5.3	5.4	2.1	4.0	3.6	1959	359	185	635
Waimea CDP, Hawaii County	3 376	964	.4	.4	15.1	1.7	3.5	42.2	14.7	1976	691	173	683
Waipahu CDP	26 435	6 090	.6	.4	16.7	10.3	3.3	15.5	2.0	1968	913	166	597
Waipio CDP	7 847	2 383	.7	.3	18.3	–	.5	75.4	–	1983	1 336	203	885
Waipio Acres CDP	2 526	732	–	–	14.6	2.3	.8	31.4	–	1970	1 158	154	721
Whitmore Village CDP	2 897	689	–	–	23.2	7.7	4.1	33.4	9.9	1972	981	142	548

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 10. **Summary of Detailed Housing Characteristics of Housing Units With an Hispanic Origin Householder: 1990**

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent					Year structure built		Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	1980 to March 1990	1939 or earlier		With a mortgage	Not mortgaged	
The State	**78 742**	**19 344**	**1.5**	**2.1**	**29.8**	**11.3**	**4.4**	**21.6**	**7.3**	**1970**	**973**	**162**	**613**
URBAN AND RURAL AND SIZE OF PLACE													
Urban	67 759	16 605	1.0	2.0	30.2	11.9	3.9	20.2	6.0	1970	1 029	171	621
Inside urbanized area	45 161	11 402	.9	2.0	31.7	13.8	3.8	17.3	5.7	1968	1 159	190	632
Central place	17 510	5 318	1.4	3.5	32.4	21.2	5.5	10.4	7.5	1965	1 276	204	599
Urban fringe	27 651	6 084	.4	.7	31.0	7.3	2.4	23.4	4.1	1970	1 126	176	676
Outside urbanized area	22 598	5 203	1.2	1.8	27.1	7.5	4.2	26.5	6.6	1974	826	147	600
Place of 10,000 or more	5 948	1 485	1.0	1.0	28.1	10.2	4.8	21.8	8.8	1972	832	152	496
Place of 2,500 to 9,999	16 650	3 718	1.2	2.2	26.7	6.4	3.9	28.4	5.7	1974	824	146	630
Rural	10 983	2 739	4.6	3.1	27.4	7.7	7.0	29.9	15.0	1973	679	126	535
Place of 1,000 to 2,499	4 901	1 401	5.3	3.2	31.9	9.6	6.4	31.3	14.2	1973	699	126	572
Place of less than 1,000	1 496	331	5.4	–	17.5	3.3	6.3	18.1	19.9	1960	708	100–	390
Other rural	4 586	1 007	3.4	4.1	24.3	6.5	8.1	31.7	14.5	1974	646	148	526
Rural farm	265	74	24.3	9.5	18.9	–	9.5	16.2	54.1	1940–	–	175	490
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	54 680	13 228	.9	1.8	31.1	12.9	3.9	17.3	5.5	1968	1 119	184	623
In central city	15 450	4 716	1.5	3.5	32.8	23.7	6.0	10.8	7.4	1966	1 236	193	589
Not in central city	39 230	8 512	.5	.9	30.2	7.0	2.7	20.9	4.5	1969	1 099	178	659
Urban	36 185	7 871	.4	.8	30.2	7.1	2.6	20.8	4.0	1969	1 112	181	667
Inside urbanized area	29 711	6 686	.4	.9	30.9	6.9	2.3	21.9	4.5	1969	1 143	187	685
Outside urbanized area	6 474	1 185	.5	–	26.3	8.1	4.6	14.3	.9	1970	970	163	578
Rural	3 045	641	1.7	2.0	30.3	5.6	4.1	21.5	11.4	1972	742	111	550
Outside metropolitan area	24 062	6 116	2.8	2.8	27.0	7.7	5.4	30.9	10.9	1974	731	137	587
Urban	16 124	4 018	1.4	2.4	27.3	7.3	4.1	30.1	8.2	1975	781	142	609
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	16 124	4 018	1.4	2.4	27.3	7.3	4.1	30.1	8.2	1975	781	142	609
Place of 10,000 or more	5 948	1 485	1.0	1.0	28.1	10.2	4.8	21.8	8.8	1972	832	152	496
Place of 2,500 to 9,999	10 176	2 533	1.6	3.2	26.9	5.6	3.6	35.0	7.9	1976	748	138	658
Rural	7 938	2 098	5.5	3.5	26.5	8.3	7.9	32.4	16.1	1973	648	128	524
COUNTY													
Hawaii County	10 861	2 810	4.8	3.8	30.5	9.6	7.9	34.0	13.7	1974	608	118	490
Honolulu County	54 680	13 228	.9	1.8	31.1	12.9	3.9	17.3	5.5	1968	1 119	184	623
Kauai County	5 525	1 376	.6	2.8	21.1	5.9	1.9	26.7	9.3	1973	820	146	647
Maui County	7 648	1 904	1.4	1.3	26.3	5.1	4.3	29.8	7.1	1975	885	158	717
PLACE AND COUNTY SUBDIVISION													
Ewa Beach CDP	1 602	322	–	–	21.1	3.4	–	10.9	–	1966	800	225	715
Hilo CDP	3 033	763	–	–	33.4	14.3	6.6	16.1	9.8	1968	646	125	413
Honolulu CDP	15 450	4 716	1.5	3.5	32.8	23.7	6.0	10.8	7.4	1966	1 236	193	589
Kahului CDP	1 460	289	–	–	20.8	9.7	3.8	31.1	7.6	1974	1 310	175	522
Kailua CDP, Honolulu County	2 060	602	–	3.5	29.1	2.3	1.3	7.5	8.3	1958	1 371	220	737
Kaneohe CDP	2 447	523	–	–	18.4	7.3	–	20.5	4.4	1967	1 029	211	763
Kaneohe Station CDP	1 380	204	–	–	53.9	8.8	4.4	4.4	–	1958	–	–	496
Kapaa CDP	1 143	299	–	3.7	21.4	4.7	3.0	29.1	6.4	1974	808	142	685
Maili CDP	1 074	215	–	–	41.4	8.8	4.7	3.7	–	1963	951	131	515
Makaha CDP	1 206	216	–	–	8.3	18.1	–	21.8	2.8	1966	472	225	523
Mililani Town CDP	1 596	401	–	–	33.4	2.0	3.2	36.2	–	1978	1 229	–	1 051
Nanakuli CDP	1 036	172	–	–	8.7	6.4	9.9	13.4	2.9	1964	857	109	589
Pearl City CDP	2 042	443	–	–	23.0	4.5	3.6	20.5	2.5	1966	1 095	146	738
Schofield Barracks CDP	2 117	369	3.5	3.5	45.8	–	–	9.5	16.0	1963	–	–	393
Wahiawa CDP	1 884	474	–	–	28.7	19.6	–	11.8	8.2	1956	1 335	148	554
Waianae CDP	1 213	183	–	–	31.7	8.2	6.6	13.1	–	1972	700	175	565
Waimalu CDP	1 771	554	1.4	1.4	44.2	9.0	4.2	32.9	–	1977	1 363	175	832
Waipahu CDP	3 552	752	–	–	26.2	14.0	5.3	19.4	1.7	1969	1 144	147	615

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 11. Summary of Detailed Housing Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
The State	**347 804**	**132 781**	**1.0**	**1.5**	**32.5**	**8.5**	**2.4**	**23.3**	**5.9**	**1972**	**1 195**	**177**	**769**
URBAN AND RURAL AND SIZE OF PLACE													
Urban	300 779	114 770	.6	1.3	32.2	9.3	1.9	21.1	5.4	1971	1 242	192	777
Inside urbanized area	221 952	83 804	.3	1.2	31.9	10.5	1.5	15.3	5.6	1969	1 364	218	792
Central place	113 557	50 147	.4	1.5	28.5	15.5	2.0	11.0	6.3	1967	1 503	234	752
Urban fringe	108 395	33 657	.2	.7	37.0	3.1	.8	21.6	4.5	1971	1 281	185	847
Outside urbanized area	78 827	30 966	1.3	1.8	33.0	5.8	2.9	37.0	4.8	1976	998	160	737
Place of 10,000 or more	20 248	8 283	.2	1.9	33.7	8.9	2.7	30.0	6.0	1974	979	148	620
Place of 2,500 to 9,999	58 579	22 683	1.7	1.7	32.8	4.7	3.0	39.5	4.3	1977	1 004	167	775
Rural	47 025	18 011	3.6	2.6	34.6	3.9	5.1	37.3	9.2	1975	839	133	704
Place of 1,000 to 2,499	19 683	7 790	2.2	1.6	38.5	4.6	3.3	36.8	9.0	1975	910	148	749
Place of less than 1,000	6 253	2 771	2.9	3.0	33.1	5.0	4.3	30.6	11.0	1975	785	120	724
Other rural	21 089	7 450	5.4	3.4	31.2	2.6	7.3	40.2	8.6	1977	809	123	612
Rural farm	2 086	768	6.8	3.8	13.9	2.0	8.3	32.2	11.6	1976	875	182	525
INSIDE AND OUTSIDE METROPOLITAN AREA													
Inside metropolitan area	249 686	93 459	.3	1.2	32.3	10.0	1.6	15.7	5.4	1969	1 334	213	784
In central city	93 097	42 980	.4	1.5	29.0	17.7	2.3	10.8	7.0	1967	1 572	239	739
Not in central city	156 589	50 479	.2	.9	35.2	3.4	1.0	19.9	4.1	1970	1 280	191	831
Urban	145 288	46 601	.2	.8	34.7	3.4	.9	20.2	4.0	1971	1 281	192	843
Inside urbanized area	128 855	40 824	.2	.8	35.0	3.0	.7	19.9	4.1	1970	1 304	196	859
Outside urbanized area	16 433	5 777	.1	.9	32.5	6.0	2.0	21.7	2.7	1974	1 117	157	735
Rural	11 301	3 878	.1	1.7	41.8	3.7	2.1	17.0	6.2	1966	1 198	170	715
Outside metropolitan area	98 118	39 322	2.7	2.3	33.0	5.1	4.2	41.3	6.9	1977	930	145	727
Urban	62 394	25 189	1.6	2.0	33.2	5.8	3.2	40.5	5.3	1977	977	160	737
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	62 394	25 189	1.6	2.0	33.2	5.8	3.2	40.5	5.3	1977	977	160	737
Place of 10,000 or more	20 248	8 283	.2	1.9	33.7	8.9	2.7	30.0	6.0	1974	979	148	620
Place of 2,500 to 9,999	42 146	16 906	2.2	2.0	32.9	4.3	3.4	45.6	4.9	1979	976	168	791
Rural	35 724	14 133	4.6	2.8	32.7	3.9	5.9	42.8	10.0	1977	812	132	693
COUNTY													
Hawaii County	44 510	18 045	4.0	3.5	31.6	6.1	5.9	43.5	7.9	1978	754	129	566
Honolulu County	249 686	93 459	.3	1.2	32.3	10.0	1.6	15.7	5.4	1969	1 334	213	784
Kauai County	16 212	6 215	1.3	1.4	31.1	3.3	2.6	40.0	9.1	1976	1 048	169	777
Maui County	37 342	15 050	1.6	1.1	35.5	4.7	2.7	39.3	4.9	1977	1 172	188	816
PLACE AND COUNTY SUBDIVISION													
Ahuimanu CDP	2 768	975	–	2.1	26.8	1.6	–	24.8	–	1976	1 215	241	965
Aiea CDP	2 019	667	–	.9	22.5	4.2	–	4.3	5.4	1961	925	191	962
Aliamanu CDP	4 288	1 249	–	–	41.4	.6	–	16.7	–	1976	–	–	596
Ewa Beach CDP	2 935	977	.9	1.8	15.7	4.8	1.2	8.3	8.3	1966	940	152	784
Fort Shafter CDP	1 776	575	–	–	35.7	1.7	–	–	16.9	1953	–	–	547
Haiku-Pauwela CDP	2 448	973	4.8	2.4	26.2	3.4	3.7	46.8	8.7	1979	1 019	160	751
Halawa CDP	3 073	1 192	–	.9	28.9	3.8	.8	23.5	1.5	1966	944	188	958
Hawaiian Beaches CDP	1 116	435	4.4	2.8	25.3	4.4	5.7	23.7	–	1976	471	121	545
Hawaiian Paradise Park CDP	1 624	701	4.3	6.1	35.7	2.0	4.9	59.8	1.3	1982	657	100–	536
Heeia CDP	1 696	651	–	–	10.9	1.1	–	9.2	1.1	1971	1 382	233	1 346
Hickam Housing CDP	4 397	1 372	–	–	35.7	.4	.4	.9	27.3	1951	–	–	790
Hilo CDP	9 155	3 764	.4	3.3	26.0	12.2	3.7	20.4	9.9	1971	804	134	457
Holualoa CDP	2 314	999	.6	3.0	34.8	5.1	2.2	51.4	4.4	1980	981	262	755
Honolulu CDP	93 097	42 980	.4	1.5	29.0	17.7	2.3	10.8	7.0	1967	1 572	239	739
Iroquois Point CDP	3 203	961	–	.6	41.0	.7	–	.4	1.5	1961	1 375	–	786
Kahaluu CDP	1 127	378	–	1.1	29.6	1.1	–	14.6	2.1	1964	1 192	204	836
Kahului CDP	2 353	824	–	1.5	24.6	12.0	1.9	22.5	1.3	1973	789	160	592
Kailua CDP, Hawaii County	4 783	1 879	1.4	1.3	38.6	4.9	3.2	44.9	2.0	1979	1 033	188	699
Kailua CDP, Honolulu County	20 460	7 167	.2	1.1	25.7	2.8	.3	12.1	2.4	1963	1 401	220	953
Kalaheo CDP	1 471	597	–	–	27.0	–	2.8	33.3	12.6	1971	1 063	154	813
Kalaoa CDP	2 805	1 068	.5	–	29.5	.9	.9	60.6	–	1982	1 092	214	940
Kaneohe CDP	10 399	3 833	–	2.3	30.7	5.8	–	20.3	1.5	1971	1 214	195	947
Kaneohe Station CDP	7 439	1 363	.6	–	44.5	–	.5	10.3	1.5	1964	–	–	525
Kapaa CDP	2 537	954	2.2	3.9	33.8	8.3	2.4	43.2	12.2	1977	1 009	163	703
Kihei CDP	6 404	2 769	–	.8	50.1	3.4	1.4	47.3	.3	1979	1 447	226	883
Lahaina CDP	2 717	1 053	3.4	3.3	35.5	14.3	7.8	17.5	4.7	1974	1 184	297	828
Laie CDP	1 801	377	–	–	30.5	6.4	6.4	21.2	1.3	1974	1 023	454	597
Lihue CDP	1 564	702	–	–	33.0	7.4	2.8	42.0	6.3	1978	1 509	217	818
Maili CDP	1 108	337	–	–	24.3	5.3	3.3	4.5	.9	1969	942	100–	642
Makaha CDP	2 301	1 005	–	–	47.4	8.1	1.5	16.1	.8	1974	742	125	658
Makakilo City CDP	4 322	1 644	–	–	31.6	2.7	–	33.5	–	1976	1 286	176	1 004
Makawao CDP	2 638	980	–	.4	33.1	2.7	–	54.2	12.6	1981	1 093	138	841
Maunawili CDP	2 219	752	2.4	2.4	14.1	2.3	1.2	2.4	–	1964	1 445	186	1 282
Mililani Town CDP	9 597	3 267	.2	–	34.3	.9	.6	28.9	.2	1977	1 401	204	1 198
Mountain View CDP	1 292	568	21.5	13.7	19.7	4.6	22.2	60.7	9.7	1982	525	100–	375
Nanakuli CDP	1 234	358	–	–	31.0	5.9	5.0	12.3	6.1	1973	868	225	719
Napili-Honokowai CDP	2 670	1 278	–	–	48.0	3.7	2.7	40.3	–	1978	1 359	494	866
Pearl City CDP	6 047	2 066	–	1.0	35.9	4.3	.7	21.6	1.3	1967	890	175	795
Pukalani CDP	2 239	769	–	–	29.4	2.5	–	47.2	.8	1979	1 087	213	882
Pupukea CDP	2 477	878	–	4.6	31.4	1.9	.9	29.3	3.5	1974	1 625	174	823

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 11. **Summary of Detailed Housing Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	All persons	Occupied housing units	Percent							Median year structure built	Specified owner, median selected monthly owner costs (dollars)		Specified renter, median gross rent (dollars)
			Lacking complete plumbing facilities	Lacking complete kitchen facilities	Householder moved into unit 1989 to March 1990	No vehicle available	No telephone in unit	Year structure built: 1980 to March 1990	Year structure built: 1939 or earlier		With a mortgage	Not mortgaged	
PLACE AND COUNTY SUBDIVISION—Con.													
Schofield Barracks CDP	11 434	2 123	.3	.3	49.8	.9	1.2	5.5	15.1	1957	–	–	415
Village Park CDP	1 460	547	–	–	41.5	–	–	89.4	–	1986	1 546	175	1 320
Wahiawa CDP	3 544	1 365	–	.5	42.6	14.1	6.9	18.2	4.2	1964	1 306	155	642
Waianae CDP	1 527	541	–	–	24.0	11.1	4.4	14.0	5.2	1971	990	142	545
Wailea-Makena CDP	2 947	1 299	.5	–	34.6	1.4	–	59.7	–	1983	1 507	271	1 035
Wailua Homesteads CDP	1 768	662	–	2.4	30.7	.9	–	52.4	.8	1981	1 122	147	886
Wailuku CDP	2 336	926	–	–	24.1	9.0	2.9	23.9	11.1	1966	1 240	159	601
Waimalu CDP	7 864	3 563	.2	.2	43.6	2.5	.1	36.1	–	1978	1 427	244	926
Waimea CDP, Hawaii County	2 216	830	.8	1.0	34.8	4.1	4.5	45.2	7.2	1979	790	228	748
Waipahu CDP	3 016	956	–	–	39.3	6.0	3.3	17.8	1.9	1969	742	139	655
Waipio CDP	3 233	1 339	–	–	45.6	3.4	–	76.0	–	1983	1 449	246	904
Waipio Acres CDP	1 844	760	–	.8	59.7	3.6	.7	13.3	–	1974	1 172	180	805
Wheeler AFB CDP	1 898	549	–	–	46.6	–	1.3	3.1	18.0	1956	–	–	671

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Table 12. **Summary of Detailed Housing Characteristics for American Indian, Eskimo, or Aleut Householders for American Indian and Alaska Native Areas: 1990**

[The above table was omitted because there were no qualifying areas]

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Table 13. **Structural Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
TENURE AND VACANCY STATUS											
All housing units	**389 810**	**341 703**	**255 180**	**158 021**	**97 159**	**29 503**	**57 020**	**48 107**	**22 664**	**8 322**	**1 958**
Owner occupied	191 894	170 099	126 153	71 529	54 624	14 978	28 968	21 795	10 926	2 881	1 488
Renter occupied	164 373	146 846	115 406	74 877	40 529	11 036	20 404	17 527	8 654	2 493	470
Vacant for sale only	1 417	1 150	678	450	228	209	263	267	97	76	–
Vacant for rent	9 598	7 460	5 112	4 300	812	697	1 651	2 138	1 143	324	–
Vacant for seasonal, recreational, or occasional use	12 876	8 934	3 167	3 041	126	1 954	3 813	3 942	891	2 076	–
All other vacants	9 652	7 214	4 664	3 824	840	629	1 921	2 438	953	472	–
Condominium housing units	**81 127**	**75 537**	**62 202**	**47 508**	**14 694**	**4 848**	**8 487**	**5 590**	**2 262**	**2 827**	**–**
Owner occupied	35 078	34 022	30 795	21 862	8 933	1 138	2 089	1 056	480	510	–
Renter occupied	30 450	29 066	24 835	19 479	5 356	1 562	2 669	1 384	846	487	–
Vacant	15 599	12 449	6 572	6 167	405	2 148	3 729	3 150	936	1 830	–
YEAR STRUCTURE BUILT											
All housing units	**389 810**	**341 703**	**255 180**	**158 021**	**97 159**	**29 503**	**57 020**	**48 107**	**22 664**	**8 322**	**1 958**
1989 to March 1990	10 218	7 689	3 899	1 601	2 298	921	2 869	2 529	1 226	440	39
1985 to 1988	31 692	25 681	15 325	5 274	10 051	2 432	7 924	6 011	2 948	701	247
1980 to 1984	39 178	32 639	20 589	10 510	10 079	3 691	8 359	6 539	2 985	864	264
1970 to 1979	118 872	105 324	74 327	45 176	29 151	10 094	20 903	13 548	5 674	2 976	556
1960 to 1969	83 455	78 424	65 770	42 682	23 088	4 875	7 779	5 031	2 265	1 093	223
1950 to 1959	54 048	49 624	42 255	28 396	13 859	3 458	3 911	4 424	2 250	580	251
1940 to 1949	26 229	22 259	18 233	12 994	5 239	1 906	2 120	3 970	2 249	603	78
1939 or earlier	26 118	20 063	14 782	11 388	3 394	2 126	3 155	6 055	3 067	1 065	300
Median	1970	1970	1968	1966	1971	1972	1976	1973	1973	1973	1972
Owner-occupied housing units	**191 894**	**170 099**	**126 153**	**71 529**	**54 624**	**14 978**	**28 968**	**21 795**	**10 926**	**2 881**	**1 488**
1989 to March 1990	4 444	3 344	1 905	378	1 527	289	1 150	1 100	536	122	39
1985 to 1988	18 487	15 575	9 755	2 551	7 204	1 390	4 430	2 912	1 481	290	205
1980 to 1984	19 259	16 056	10 084	4 863	5 221	1 651	4 321	3 203	1 431	329	227
1970 to 1979	56 444	50 119	35 276	18 951	16 325	4 409	10 434	6 325	2 764	1 020	406
1960 to 1969	41 913	39 567	32 726	18 456	14 270	2 778	4 063	2 346	1 195	341	170
1950 to 1959	28 574	26 390	22 061	14 245	7 816	2 240	2 089	2 184	1 257	219	213
1940 to 1949	11 341	9 986	7 893	6 458	1 435	1 119	974	1 355	866	168	39
1939 or earlier	11 432	9 062	6 453	5 627	826	1 102	1 507	2 370	1 396	392	189
Median	1970	1970	1968	1965	1972	1971	1976	1974	1973	1973	1973
Renter-occupied housing units	**164 373**	**146 846**	**115 406**	**74 877**	**40 529**	**11 036**	**20 404**	**17 527**	**8 654**	**2 493**	**470**
1989 to March 1990	3 584	2 976	1 603	1 004	599	406	967	608	339	57	–
1985 to 1988	10 734	8 645	5 069	2 377	2 692	883	2 693	2 089	1 101	186	42
1980 to 1984	15 985	13 912	9 493	4 853	4 640	1 408	3 011	2 073	1 040	188	37
1970 to 1979	48 240	44 353	33 711	21 456	12 255	3 850	6 792	3 887	1 881	591	150
1960 to 1969	36 241	34 517	29 773	21 401	8 372	1 821	2 923	1 724	839	240	53
1950 to 1959	22 963	21 192	18 476	12 715	5 761	1 082	1 634	1 771	813	265	38
1940 to 1949	13 657	11 368	9 672	5 952	3 720	708	988	2 289	1 207	374	39
1939 or earlier	12 969	9 883	7 609	5 119	2 490	878	1 396	3 086	1 434	592	111
Median	1969	1969	1967	1966	1970	1973	1975	1969	1970	1961	1969
BEDROOMS											
All housing units	**389 810**	**341 703**	**255 180**	**158 021**	**97 159**	**29 503**	**57 020**	**48 107**	**22 664**	**8 322**	**1 958**
None	27 589	24 993	20 007	17 814	2 193	1 551	3 435	2 596	731	729	49
1	74 135	66 298	51 181	41 607	9 574	5 947	9 170	7 837	3 020	1 990	223
2	105 195	90 427	67 859	42 323	25 536	7 392	15 176	14 768	7 448	2 454	585
3	130 658	112 487	78 053	36 549	41 504	11 429	23 005	18 171	9 393	2 458	840
4	38 635	35 124	28 022	13 472	14 550	2 258	4 844	3 511	1 608	534	177
5 or more	13 598	12 374	10 058	6 256	3 802	926	1 390	1 224	464	157	84
Occupied housing units	**356 267**	**316 945**	**241 559**	**146 406**	**95 153**	**26 014**	**49 372**	**39 322**	**19 580**	**5 374**	**1 958**
None	23 342	21 689	17 926	15 842	2 084	1 324	2 439	1 653	607	276	49
1	62 745	57 171	46 011	36 672	9 339	4 421	6 739	5 574	2 440	1 064	223
2	95 193	83 726	64 368	39 612	24 756	6 337	13 021	11 467	6 021	1 422	585
3	124 402	108 110	76 060	35 287	40 773	10 854	21 196	16 292	8 611	1 997	840
4	37 395	34 178	27 353	12 927	14 426	2 187	4 638	3 217	1 467	474	177
5 or more	13 190	12 071	9 841	6 066	3 775	891	1 339	1 119	434	141	84
All housing units	**389 810**	**341 703**	**255 180**	**158 021**	**97 159**	**29 503**	**57 020**	**48 107**	**22 664**	**8 322**	**1 958**
PLUMBING FACILITIES											
Complete plumbing facilities	385 498	339 079	253 699	156 839	96 860	29 396	55 984	46 419	22 183	8 097	1 874
Lacking complete plumbing facilities	4 312	2 624	1 481	1 182	299	107	1 036	1 688	481	225	84
SOURCE OF WATER											
Public system or private company	380 375	338 237	254 731	157 733	96 998	29 377	54 129	42 138	21 512	7 559	1 629
Individual drilled well	755	283	156	45	111	8	119	472	41	45	6
Individual dug well	113	63	26	18	8	–	37	50	14	8	7
Some other source	8 567	3 120	267	225	42	118	2 735	5 447	1 097	710	316
SEWAGE DISPOSAL											
Public sewer	312 812	295 240	247 462	155 489	91 973	20 151	27 627	17 572	9 995	4 431	117
Septic tank or cesspool	72 940	44 230	6 609	1 723	4 886	9 225	28 396	28 710	12 193	3 608	1 713
Other means	4 058	2 233	1 109	809	300	127	997	1 825	476	283	128
SELECTED CHARACTERISTICS											
Lacking complete kitchen facilities	6 218	4 704	3 291	2 710	581	396	1 017	1 514	354	264	54
Median rooms	4.4	4.4	4.3	3.8	5.0	4.5	4.5	4.5	4.6	4.1	4.8
SECOND MORTGAGE OR HOME EQUITY LOAN											
Specified owner-occupied housing units	**147 510**	**129 054**	**90 876**	**46 193**	**44 683**	**12 993**	**25 185**	**18 456**	**9 548**	**2 178**	**995**
With second mortgage or home equity loan	31 882	30 091	23 956	10 903	13 053	2 048	4 087	1 791	809	171	109
No second mortgage or home equity loan	115 628	98 963	66 920	35 290	31 630	10 945	21 098	16 665	8 739	2 007	886
CONDOMINIUM HOUSING UNITS											
Owner-occupied condominium housing units	**35 078**	**34 022**	**30 795**	**21 862**	**8 933**	**1 138**	**2 089**	**1 056**	**480**	**510**	**–**
Median selected monthly owner costs:											
With a mortgage (dollars)	996	996	1 000+	947	1 000+	859	947	1 000+	982	1 000+	–
Not mortgaged (dollars)	291	287	287	293	256	263	302	358	324	500+	–
Median value (dollars)	191 600	192 100	197 700	204 200	189 800	120 900	156 400	170 300	160 900	194 600	–
MOBILE HOMES											
Owner-occupied mobile homes	**154**	**102**	**56**	**38**	**18**	**17**	**29**	**52**	**35**	**–**	**6**
Median selected monthly owner costs:											
With a mortgage (dollars)	637	719	750+	656	750+	750+	510	346	325	–	–
Not mortgaged (dollars)	203	222	220	242	196	–	225	173	193	–	125

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Table 14. **Fuel, Occupancy, and Social Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			
			Inside urbanized area			Outside urbanized area				
		Total	Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999	Total	Place of 1,000 to 2,499	Place of less than 1,000	Rural farm
Occupied housing units	**356 267**	**316 945**	**241 559**	**146 406**	**95 153**	**26 014**	**49 372**	**39 322**	**19 580**	**5 374**	**1 958**
HOUSE HEATING FUEL											
Utility gas	11 723	11 496	10 294	7 660	2 634	619	583	227	143	40	7
Bottled, tank, or LP gas	7 257	4 716	1 739	1 044	695	900	2 077	2 541	1 299	260	153
Electricity	135 102	124 776	99 800	59 373	40 427	9 795	15 181	10 326	5 332	1 251	522
Fuel oil, kerosene, etc.	607	335	136	119	17	65	134	272	78	20	48
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 728	785	151	63	88	65	569	943	241	100	123
Solar energy	5 578	4 858	3 029	1 594	1 435	640	1 189	720	398	115	51
Other fuel	125	100	59	55	4	23	18	25	4	–	–
No fuel used	194 147	169 879	126 351	76 498	49 853	13 907	29 621	24 268	12 085	3 588	1 054
VEHICLES AVAILABLE											
None	35 159	32 642	27 645	23 536	4 109	2 133	2 864	2 517	1 452	341	36
1	128 513	114 989	90 185	60 316	29 869	9 043	15 761	13 524	6 821	2 021	423
2	127 011	111 476	81 996	42 018	39 978	9 584	19 896	15 535	7 615	1 851	830
3	43 580	38 483	27 584	13 876	13 708	3 527	7 372	5 097	2 521	790	437
4	15 187	13 364	9 844	4 523	5 321	1 193	2 327	1 823	804	282	105
5 or more	6 817	5 991	4 305	2 137	2 168	534	1 152	826	367	89	127
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**191 894**	**170 099**	**126 153**	**71 529**	**54 624**	**14 978**	**28 968**	**21 795**	**10 926**	**2 881**	**1 488**
1989 to March 1990	18 553	15 875	11 438	5 685	5 753	1 045	3 392	2 678	1 306	386	115
1985 to 1988	44 975	39 925	28 870	15 109	13 761	3 005	8 050	5 050	2 383	733	272
1980 to 1984	25 199	21 670	15 240	8 486	6 754	1 932	4 498	3 529	1 606	302	301
1970 to 1979	47 273	42 033	30 643	16 699	13 944	3 680	7 710	5 240	2 498	751	418
1960 to 1969	28 681	26 449	21 314	11 878	9 436	2 487	2 648	2 232	1 314	290	141
1959 or earlier	27 213	24 147	18 648	13 672	4 976	2 829	2 670	3 066	1 819	419	241
Renter-occupied housing units	**164 373**	**146 846**	**115 406**	**74 877**	**40 529**	**11 036**	**20 404**	**17 527**	**8 654**	**2 493**	**470**
1989 to March 1990	63 987	57 035	43 804	25 437	18 367	4 342	8 889	6 952	3 574	862	112
1985 to 1988	60 700	54 801	43 496	26 656	16 840	3 948	7 357	5 899	3 043	717	175
1980 to 1984	19 622	17 652	13 762	10 973	2 789	1 548	2 342	1 970	896	282	74
1970 to 1979	13 276	11 832	9 885	8 006	1 879	716	1 231	1 444	706	265	61
1960 to 1969	4 016	3 546	2 927	2 508	419	342	277	470	161	129	13
1959 or earlier	2 772	1 980	1 532	1 297	235	140	308	792	274	238	35
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**191 894**	**170 099**	**126 153**	**71 529**	**54 624**	**14 978**	**28 968**	**21 795**	**10 926**	**2 881**	**1 488**
Lacking complete plumbing facilities	1 156	631	259	161	98	41	331	525	106	100	24
1.00 or less	860	486	215	135	80	41	230	374	72	79	11
1.01 or more	296	145	44	26	18	–	101	151	34	21	13
Renter-occupied housing units	**164 373**	**146 846**	**115 406**	**74 877**	**40 529**	**11 036**	**20 404**	**17 527**	**8 654**	**2 493**	**470**
Lacking complete plumbing facilities	2 209	1 481	900	716	184	59	522	728	299	49	60
1.00 or less	1 367	851	500	415	85	44	307	516	228	31	51
1.01 or more	842	630	400	301	99	15	215	212	71	18	9
TELEPHONE IN UNIT											
Telephone in unit	346 873	309 700	236 862	142 837	94 025	25 219	47 619	37 173	18 791	5 128	1 869
No telephone in unit	9 394	7 245	4 697	3 569	1 128	795	1 753	2 149	789	246	89
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**74 144**	**65 099**	**49 728**	**37 614**	**12 114**	**6 811**	**8 560**	**9 045**	**5 025**	**1 405**	**428**
Owner occupied	53 290	46 443	34 737	24 875	9 862	5 177	6 529	6 847	3 940	972	387
1-person households	22 290	19 683	14 768	12 514	2 254	2 352	2 563	2 607	1 463	398	53
Built 1939 or earlier	9 118	7 208	5 228	4 519	709	922	1 058	1 910	1 173	348	59
Mean household income in 1989 (dollars)	40 449	41 695	43 731	43 718	43 774	32 185	37 430	31 484	30 854	30 890	46 555
Female householder, no husband present	23 222	20 819	15 923	13 121	2 802	2 388	2 508	2 403	1 369	317	28
Lacking complete plumbing facilities	512	394	236	192	44	14	144	118	46	18	5
No vehicle available	15 656	14 337	12 048	10 483	1 565	1 186	1 103	1 319	858	199	6
No telephone in unit	1 562	1 282	920	790	130	108	254	280	159	30	9
1-person households	1 188	1 008	724	647	77	97	187	180	101	17	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**6 573**	**5 133**	**3 095**	**2 151**	**944**	**633**	**1 405**	**1 440**	**488**	**178**	**61**
Married-couple families	2 185	1 638	894	546	348	220	524	547	174	43	34
With own children under 18 years	928	611	245	112	133	71	295	317	102	23	14
Families with female householder	873	711	387	225	162	110	214	162	55	11	11
With own children under 18 years	514	406	190	101	89	64	152	108	42	4	6
Householder 65 years and over	2 357	1 874	1 225	930	295	274	375	483	214	83	8
Householder worked in 1989	2 259	1 656	982	610	372	201	473	603	123	97	29
With public assistance income	809	578	229	138	91	96	253	231	95	29	7
With Social Security income	2 344	1 804	1 026	729	297	319	459	540	221	72	21
Mean household income deficit in 1989 (dollars)	4 209	4 358	4 466	4 480	4 432	3 590	4 469	3 678	4 150	2 750	3 878
Built 1939 or earlier	618	389	214	208	6	44	131	229	156	23	5
Lacking complete plumbing facilities	264	109	18	11	7	–	91	155	31	35	5
No vehicle available	1 328	1 090	802	645	157	138	150	238	115	39	–
No telephone in unit	460	290	88	72	16	23	179	170	36	26	–
1.01 or more persons per room	862	614	353	194	159	82	179	248	54	31	13
Renter-occupied housing units	**22 820**	**19 845**	**13 820**	**10 087**	**3 733**	**2 285**	**3 740**	**2 975**	**1 449**	**321**	**85**
Married-couple families	5 629	4 924	3 505	2 088	1 417	359	1 060	705	304	98	29
With own children under 18 years	4 101	3 555	2 459	1 206	1 253	255	841	546	243	72	29
Families with female householder	6 116	5 347	3 179	1 848	1 331	820	1 348	769	361	41	7
With own children under 18 years	5 438	4 756	2 723	1 504	1 219	799	1 234	682	308	35	7
Householder 65 years and over	4 724	4 165	3 229	2 819	410	470	466	559	329	75	4
Householder worked in 1989	9 680	8 361	5 860	3 946	1 914	840	1 661	1 319	633	150	68
With public assistance income	8 059	6 887	4 293	2 850	1 443	1 012	1 582	1 172	564	86	28
With Social Security income	4 617	3 965	2 863	2 346	517	559	543	652	382	68	4
Mean household income deficit in 1989 (dollars)	4 132	4 166	4 048	4 017	4 132	3 829	4 805	3 903	3 696	3 856	4 179
Built 1939 or earlier	1 788	1 264	775	668	107	165	324	524	219	85	43
Lacking complete plumbing facilities	870	517	319	261	58	21	177	353	126	15	42
No vehicle available	9 051	8 288	6 680	5 540	1 140	763	845	763	496	53	3
No telephone in unit	2 889	2 230	1 488	1 110	378	276	466	659	302	23	26
1.01 or more persons per room	6 045	5 376	3 767	2 618	1 149	453	1 156	669	241	87	21

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Table 15. **Financial Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
HOUSEHOLD INCOME IN 1989											
Occupied housing units	**356 267**	**316 945**	**241 559**	**146 406**	**95 153**	**26 014**	**49 372**	**39 322**	**19 580**	**5 374**	**1 958**
Median income (dollars)	38 570	39 758	40 881	38 292	44 521	34 064	37 104	31 245	31 703	31 803	37 421
Owner occupied	191 894	170 099	126 153	71 529	54 624	14 978	28 968	21 795	10 926	2 881	1 488
Median income (dollars)	50 455	52 036	55 337	53 866	56 654	42 604	44 057	37 245	37 713	34 913	39 621
Renter occupied	164 373	146 846	115 406	74 877	40 529	11 036	20 404	17 527	8 654	2 493	470
Median income (dollars)	27 594	27 920	28 379	27 416	30 003	24 018	27 507	25 553	25 559	28 595	26 838
Specified owner-occupied housing units	**147 510**	**129 054**	**90 876**	**46 193**	**44 683**	**12 993**	**25 185**	**18 456**	**9 548**	**2 178**	**995**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	102 601	92 350	66 200	29 306	36 894	7 963	18 187	10 251	5 234	1 166	508
Less than $200	855	621	329	174	155	116	176	234	105	66	33
$200 to $299	3 402	2 788	1 737	573	1 164	402	649	614	312	85	19
$300 to $399	6 626	5 495	3 280	1 295	1 985	731	1 484	1 131	600	120	32
$400 to $499	7 214	6 086	3 617	1 529	2 088	581	1 888	1 128	597	123	61
$500 to $599	6 836	5 777	3 744	1 814	1 930	797	1 236	1 059	511	119	21
$600 to $699	6 632	5 613	3 516	1 619	1 897	691	1 406	1 019	570	93	37
$700 to $799	6 900	6 098	3 814	1 669	2 145	886	1 398	802	427	96	64
$800 to $899	6 318	5 642	3 626	1 491	2 135	738	1 278	676	389	91	32
$900 to $999	6 040	5 453	3 755	1 597	2 158	511	1 187	587	364	32	20
$1,000 to $1,249	14 224	13 192	9 519	3 575	5 944	1 009	2 664	1 032	553	85	91
$1,250 to $1,499	13 085	12 391	9 624	3 533	6 091	662	2 105	694	315	43	50
$1,500 to $1,999	14 316	13 604	11 284	4 895	6 389	547	1 773	712	326	91	7
$2,000 or more	10 153	9 590	8 355	5 542	2 813	292	943	563	165	122	41
Median (dollars)	1 008	1 049	1 149	1 202	1 117	774	863	695	687	673	770
Mean (dollars)	1 144	1 174	1 264	1 398	1 157	887	973	877	809	960	982
Not mortgaged	44 909	36 704	24 676	16 887	7 789	5 030	6 998	8 205	4 314	1 012	487
Less than $100	5 407	3 099	935	555	380	894	1 270	2 308	947	351	66
$100 to $199	24 665	20 336	13 359	8 257	5 102	3 180	3 797	4 329	2 646	478	240
$200 to $299	10 804	9 699	7 516	5 667	1 849	790	1 393	1 105	550	139	115
$300 to $399	2 474	2 230	1 785	1 444	341	114	331	244	94	20	30
$400 to $499	753	615	510	440	70	28	77	138	48	24	27
$500 or more	806	725	571	524	47	24	130	81	29	–	9
Median (dollars)	170	177	188	196	171	146	153	133	137	124	178
Mean (dollars)	187	195	209	222	181	156	174	152	152	139	202
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
With a mortgage	102 601	92 350	66 200	29 306	36 894	7 963	18 187	10 251	5 234	1 166	508
Less than 10 percent	14 006	12 775	9 521	4 501	5 020	1 230	2 024	1 231	680	172	53
10 to 14 percent	15 860	14 267	10 311	4 693	5 618	1 444	2 512	1 593	872	101	54
15 to 19 percent	17 032	15 091	10 433	4 891	5 542	1 557	3 101	1 941	977	256	76
20 to 24 percent	14 910	13 316	9 442	3 876	5 566	1 114	2 760	1 594	908	117	64
25 to 29 percent	12 174	10 941	7 989	3 213	4 776	837	2 115	1 233	604	143	73
30 to 34 percent	8 800	8 024	5 980	2 495	3 485	477	1 567	776	445	87	33
35 percent or more	19 538	17 697	12 380	5 526	6 854	1 280	4 037	1 841	739	290	155
Not computed	281	239	144	111	33	24	71	42	9	–	–
Median	21.4	21.5	21.5	20.7	22.0	19.2	22.6	21.1	20.5	22.3	25.5
Not mortgaged	44 909	36 704	24 676	16 887	7 789	5 030	6 998	8 205	4 314	1 012	487
Less than 10 percent	33 210	27 585	18 976	12 757	6 219	3 636	4 973	5 625	2 954	720	318
10 to 14 percent	5 611	4 336	2 677	1 963	714	713	946	1 275	696	178	104
15 to 19 percent	2 331	1 870	1 255	853	402	254	361	461	253	43	20
20 to 24 percent	1 205	975	548	417	131	196	231	230	109	22	23
25 to 29 percent	723	543	308	236	72	81	154	180	94	5	6
30 to 34 percent	354	261	209	121	88	12	40	93	58	–	7
35 percent or more	1 088	909	560	446	114	124	225	179	78	13	9
Not computed	387	225	143	94	49	14	68	162	72	31	–
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
Specified renter-occupied housing units	**162 820**	**145 964**	**114 949**	**74 693**	**40 256**	**10 936**	**20 079**	**16 856**	**8 467**	**2 469**	**314**
GROSS RENT											
Less than $100	2 053	1 503	1 051	807	244	140	312	550	268	94	6
$100 to $149	3 554	2 818	1 951	1 498	453	434	433	736	309	216	–
$150 to $199	3 455	2 700	1 901	1 501	400	431	368	755	410	149	23
$200 to $249	3 103	2 497	1 744	1 441	303	329	424	606	287	118	–
$250 to $299	4 399	3 812	2 899	2 390	509	410	503	587	350	88	11
$300 to $349	5 742	5 104	3 719	2 790	929	703	682	638	344	74	15
$350 to $399	6 862	5 967	4 468	3 041	1 427	822	677	895	484	161	7
$400 to $449	7 531	6 882	5 386	3 729	1 657	718	778	649	321	77	6
$450 to $499	8 062	7 319	5 642	4 285	1 357	821	856	743	321	140	17
$500 to $549	8 993	8 204	6 383	5 245	1 138	652	1 169	789	279	83	12
$550 to $599	8 515	7 786	5 964	4 652	1 312	668	1 154	729	374	93	12
$600 to $649	8 075	7 550	5 945	4 589	1 356	665	940	525	229	64	–
$650 to $699	9 294	8 703	7 051	5 260	1 791	517	1 135	591	354	36	7
$700 to $749	8 828	8 130	6 513	4 881	1 632	442	1 175	698	375	128	25
$750 to $999	31 353	28 762	22 179	13 568	8 611	1 533	5 050	2 591	1 462	415	21
$1,000 or more	20 923	19 612	15 588	9 557	6 031	975	3 049	1 311	738	219	15
No cash rent	22 078	18 615	16 565	5 459	11 106	676	1 374	3 463	1 562	314	137
Median (dollars)	650	659	665	635	752	525	697	534	561	488	515
Mean (dollars)	687	698	706	676	777	578	721	581	600	554	543

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Table 16. **Household Income Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units	**147 510**	**129 054**	**90 876**	**46 193**	**44 683**	**12 993**	**25 185**	**18 456**	**9 548**	**2 178**	**995**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	147 510	129 054	90 876	46 193	44 683	12 993	25 185	18 456	9 548	2 178	995
Less than 10 percent	47 216	40 360	28 497	17 258	11 239	4 866	6 997	6 856	3 634	892	371
10 to 14 percent	21 471	18 603	12 988	6 656	6 332	2 157	3 458	2 868	1 568	279	158
15 to 19 percent	19 363	16 961	11 688	5 744	5 944	1 811	3 462	2 402	1 230	299	96
20 to 24 percent	16 115	14 291	9 990	4 293	5 697	1 310	2 991	1 824	1 017	139	87
25 to 29 percent	12 897	11 484	8 297	3 449	4 848	918	2 269	1 413	698	148	79
30 to 34 percent	9 154	8 285	6 189	2 616	3 573	489	1 607	869	503	87	40
35 to 49 percent	12 207	11 239	8 147	3 533	4 614	704	2 388	968	403	149	67
50 percent or more	8 419	7 367	4 793	2 439	2 354	700	1 874	1 052	414	154	97
Not computed	668	464	287	205	82	38	139	204	81	31	–
Median	16.2	16.6	16.6	14.3	19.0	13.7	18.0	14.0	13.5	13.3	14.0
Less than $20,000	17 963	13 488	7 144	4 299	2 845	2 305	4 039	4 475	2 177	636	221
Less than 20 percent	8 457	5 981	3 095	1 958	1 137	1 224	1 662	2 476	1 264	382	101
20 to 24 percent	1 551	1 194	652	408	244	239	303	357	191	22	23
25 to 29 percent	1 169	806	392	246	146	144	270	363	171	41	27
30 to 34 percent	826	609	363	203	160	53	193	217	144	9	12
35 percent or more	5 393	4 464	2 385	1 300	1 085	607	1 472	929	353	167	58
Not computed	567	434	257	184	73	38	139	133	54	15	–
Median	20.8	22.3	22.7	21.2	25.2	18.5	24.8	16.9	16.1	14.6	22.1
$20,000 to $34,999	22 595	18 381	10 807	5 714	5 093	2 665	4 909	4 214	2 185	560	202
Less than 20 percent	13 259	10 533	6 257	3 722	2 535	1 807	2 469	2 726	1 466	377	132
20 to 24 percent	1 774	1 422	629	317	312	181	612	352	159	40	–
25 to 29 percent	1 533	1 165	613	273	340	159	393	368	193	37	15
30 to 34 percent	1 184	954	520	210	310	124	310	230	144	32	5
35 percent or more	4 788	4 289	2 770	1 183	1 587	394	1 125	499	201	74	50
Not computed	57	18	18	9	9	–	–	39	22	–	–
Median	14.9	15.8	15.0	12.3	20.1	10.8	19.9	12.6	11.7	12.2	12.7
$35,000 to $49,999	27 679	23 798	15 477	7 357	8 120	2 686	5 635	3 881	2 263	278	204
Less than 20 percent	15 004	12 377	8 066	4 843	3 223	1 644	2 667	2 627	1 517	190	118
20 to 24 percent	2 778	2 299	1 269	490	779	355	675	479	307	36	36
25 to 29 percent	2 234	1 946	1 176	388	788	233	537	288	158	28	6
30 to 34 percent	2 456	2 268	1 539	490	1 049	181	548	188	116	6	23
35 percent or more	5 203	4 908	3 427	1 146	2 281	273	1 208	295	165	18	21
Not computed	4	–	–	–	–	–	–	4	–	–	–
Median	18.0	19.0	18.7	12.4	25.4	15.9	21.1	14.4	14.1	15.4	14.0
$50,000 or more	79 273	73 387	57 448	28 823	28 625	5 337	10 602	5 886	2 923	704	368
Less than 20 percent	51 330	47 033	35 755	19 135	16 620	4 159	7 119	4 297	2 185	521	274
20 to 24 percent	10 012	9 376	7 440	3 078	4 362	535	1 401	636	360	41	28
25 to 29 percent	7 961	7 567	6 116	2 542	3 574	382	1 069	394	176	42	31
30 to 34 percent	4 688	4 454	3 767	1 713	2 054	131	556	234	99	40	–
35 percent or more	5 242	4 945	4 358	2 343	2 015	130	457	297	98	44	35
Not computed	40	12	12	12	–	–	–	28	5	16	–
Median	15.2	15.4	15.8	14.0	17.4	12.3	15.1	12.6	12.2	10.0–	11.1
Specified renter-occupied housing units	**162 820**	**145 964**	**114 949**	**74 693**	**40 256**	**10 936**	**20 079**	**16 856**	**8 467**	**2 469**	**314**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	162 820	145 964	114 949	74 693	40 256	10 936	20 079	16 856	8 467	2 469	314
Less than 10 percent	7 994	6 204	4 465	3 238	1 227	526	1 213	1 790	628	489	21
10 to 14 percent	14 257	12 721	9 893	7 184	2 709	1 137	1 691	1 536	840	266	28
15 to 19 percent	19 384	17 660	13 992	10 008	3 984	1 384	2 284	1 724	971	289	13
20 to 24 percent	19 386	17 702	13 555	9 731	3 824	1 573	2 574	1 684	941	252	17
25 to 29 percent	17 633	16 219	12 777	8 944	3 833	1 284	2 158	1 414	875	204	10
30 to 34 percent	12 774	11 824	9 450	6 556	2 894	862	1 512	950	556	68	15
35 to 49 percent	21 197	19 303	15 085	9 760	5 325	1 484	2 734	1 894	926	311	29
50 percent or more	26 027	23 756	17 608	12 459	5 149	1 869	4 279	2 271	1 105	251	44
Not computed	24 168	20 575	18 124	6 813	11 311	817	1 634	3 593	1 625	339	137
Median	27.4	27.6	27.5	27.1	28.6	26.7	28.4	24.7	25.2	20.4	29.7
Less than $10,000	22 587	19 854	14 114	11 395	2 719	2 446	3 294	2 733	1 454	316	35
Less than 20 percent	952	741	558	446	112	78	105	211	137	26	–
20 to 24 percent	1 012	901	655	509	146	137	109	111	85	7	–
25 to 29 percent	1 799	1 604	1 147	919	228	247	210	195	168	27	–
30 to 34 percent	1 005	835	597	522	75	131	107	170	170	–	–
35 percent or more	14 070	12 624	8 895	7 174	1 721	1 570	2 159	1 446	649	189	21
Not computed	3 749	3 149	2 262	1 825	437	283	604	600	245	67	14
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	38.8	50.0+	50.0+
$10,000 to $19,999	31 814	28 360	22 666	14 415	8 251	2 046	3 648	3 454	1 666	480	77
Less than 20 percent	2 014	1 526	1 121	883	238	215	190	488	200	124	7
20 to 24 percent	1 683	1 458	1 106	924	182	147	205	225	135	40	4
25 to 29 percent	2 684	2 445	1 910	1 342	568	273	262	239	140	30	–
30 to 34 percent	2 692	2 407	1 911	1 394	517	186	310	285	122	26	–
35 percent or more	17 248	15 911	12 402	8 564	3 838	1 084	2 425	1 337	637	153	29
Not computed	5 493	4 613	4 216	1 308	2 908	141	256	880	432	107	37
Median	43.3	43.8	43.9	42.4	47.6	38.1	47.2	36.4	37.0	28.8	50.0+
$20,000 to $34,999	47 712	42 386	34 087	20 945	13 142	2 893	5 406	5 326	2 714	697	101
Less than 20 percent	8 217	6 814	5 178	3 669	1 509	692	944	1 403	679	289	23
20 to 24 percent	6 085	5 486	4 081	3 133	948	675	730	599	277	77	6
25 to 29 percent	6 397	5 913	4 695	3 701	994	436	782	484	297	53	10
30 to 34 percent	5 683	5 356	4 422	3 235	1 187	360	574	327	181	18	15
35 percent or more	13 057	11 834	9 235	5 347	3 888	539	2 060	1 223	649	180	15
Not computed	8 273	6 983	6 476	1 860	4 616	191	316	1 290	631	80	32
Median	29.2	29.6	29.8	28.7	33.4	24.9	30.8	25.2	26.4	21.3	27.7
$35,000 or more	60 707	55 364	44 082	27 938	16 144	3 551	7 731	5 343	2 633	976	101
Less than 20 percent	30 452	27 504	21 493	15 432	6 061	2 062	3 949	2 948	1 423	605	32
20 to 24 percent	10 606	9 857	7 713	5 165	2 548	614	1 530	749	444	128	7
25 to 29 percent	6 753	6 257	5 025	2 982	2 043	328	904	496	270	94	–
30 to 34 percent	3 394	3 226	2 520	1 405	1 115	185	521	168	83	24	–
35 percent or more	2 849	2 690	2 161	1 134	1 027	160	369	159	96	40	8
Not computed	6 653	5 830	5 170	1 820	3 350	202	458	823	317	85	54
Median	18.7	18.9	18.9	18.3	20.7	17.6	19.1	16.5	17.4	16.0	12.5

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Table 17. Occupancy, Fuel, and Structural Characteristics of Housing Units With a White Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
			Inside urbanized area			Outside urbanized area					
		Total	Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999	Total	Place of 1,000 to 2,499	Place of less than 1,000	
Occupied housing units	**138 755**	**119 834**	**87 250**	**52 011**	**35 239**	**8 719**	**23 865**	**18 921**	**8 174**	**2 911**	**805**
TENURE											
Owner-occupied housing units	60 863	51 617	34 997	22 022	12 975	4 080	12 540	9 246	3 618	1 535	569
Renter-occupied housing units	77 892	68 217	52 253	29 989	22 264	4 639	11 325	9 675	4 556	1 376	236
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**60 863**	**51 617**	**34 997**	**22 022**	**12 975**	**4 080**	**12 540**	**9 246**	**3 618**	**1 535**	**569**
1989 to March 1990	1 997	1 327	485	116	369	125	717	670	231	106	5
1985 to 1988	6 643	5 100	2 274	683	1 591	445	2 381	1 543	619	214	76
1980 to 1984	6 928	5 267	2 840	1 553	1 287	507	1 920	1 661	602	226	126
1970 to 1979	20 616	17 546	11 348	6 722	4 626	1 387	4 811	3 070	1 103	623	218
1960 to 1969	11 494	10 805	8 970	5 958	3 012	520	1 315	689	272	141	35
1950 to 1959	7 260	6 673	5 553	3 920	1 633	524	596	587	296	76	46
1940 to 1949	2 902	2 483	1 854	1 503	351	297	332	419	202	60	–
1939 or earlier	3 023	2 416	1 673	1 567	106	275	468	607	293	89	63
Renter-occupied housing units	**77 892**	**68 217**	**52 253**	**29 989**	**22 264**	**4 639**	**11 325**	**9 675**	**4 556**	**1 376**	**236**
1989 to March 1990	2 049	1 599	666	305	361	317	616	450	258	53	–
1985 to 1988	6 197	4 827	2 436	1 021	1 415	530	1 861	1 370	675	151	23
1980 to 1984	8 554	7 211	4 737	2 071	2 666	666	1 808	1 343	652	138	17
1970 to 1979	23 308	21 059	15 533	8 813	6 720	1 628	3 898	2 249	918	434	108
1960 to 1969	15 752	14 806	12 804	8 530	4 274	626	1 376	946	411	130	13
1950 to 1959	10 287	9 316	8 216	5 153	3 063	351	749	971	500	120	6
1940 to 1949	6 506	5 296	4 614	2 333	2 281	271	411	1 210	682	107	13
1939 or earlier	5 239	4 103	3 247	1 763	1 484	250	606	1 136	460	243	56
BEDROOMS											
Owner-occupied housing units	**60 863**	**51 617**	**34 997**	**22 022**	**12 975**	**4 080**	**12 540**	**9 246**	**3 618**	**1 535**	**569**
None	1 461	1 204	807	732	75	65	332	257	53	60	13
1	6 649	5 500	3 999	3 367	632	480	1 021	1 149	238	358	45
2	15 028	12 127	8 308	5 657	2 651	965	2 854	2 901	1 245	553	176
3	25 606	22 098	13 909	7 269	6 640	1 865	6 324	3 508	1 563	430	238
4	8 996	8 016	6 024	3 671	2 353	486	1 506	980	420	101	58
5 or more	3 123	2 672	1 950	1 326	624	219	503	451	99	33	39
Renter-occupied housing units	**77 892**	**68 217**	**52 253**	**29 989**	**22 264**	**4 639**	**11 325**	**9 675**	**4 556**	**1 376**	**236**
None	7 497	6 841	5 243	4 520	723	398	1 200	656	229	84	16
1	18 328	16 372	12 458	10 128	2 330	1 477	2 437	1 956	819	472	55
2	25 221	21 713	16 383	9 117	7 266	1 514	3 816	3 508	1 995	358	44
3	20 235	17 318	13 088	4 753	8 335	1 048	3 182	2 917	1 220	364	104
4	5 788	5 260	4 553	1 229	3 324	136	571	528	260	68	6
5 or more	823	713	528	242	286	66	119	110	33	30	11
SOURCE OF WATER											
Public system or private company	133 687	117 925	87 056	51 845	35 211	8 637	22 232	15 762	7 554	2 487	598
Individual drilled well	271	87	20	–	20	8	59	184	25	24	6
Individual dug well	45	23	6	6	–	–	17	22	9	–	7
Some other source	4 752	1 799	168	160	8	74	1 557	2 953	586	400	194
SEWAGE DISPOSAL											
Public sewer	108 180	101 829	84 610	51 109	33 501	6 387	10 832	6 351	3 679	1 309	30
Septic tank or cesspool	29 211	17 382	2 424	774	1 650	2 325	12 633	11 829	4 292	1 480	708
Other means	1 364	623	216	128	88	7	400	741	203	122	67
KITCHEN FACILITIES											
Complete kitchen facilities	136 594	118 176	86 190	51 198	34 992	8 544	23 442	18 418	8 017	2 827	769
Lacking complete kitchen facilities	2 161	1 658	1 060	813	247	175	423	503	157	84	36
HOUSE HEATING FUEL											
Utility gas	2 682	2 610	2 289	1 474	815	154	167	72	28	25	–
Bottled, tank, or LP gas	2 169	1 176	284	157	127	149	743	993	355	70	87
Electricity	38 070	33 838	25 369	14 809	10 560	2 573	5 896	4 232	1 953	609	116
Fuel oil, kerosene, etc.	329	164	103	103	–	18	43	165	47	20	15
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 317	597	117	56	61	35	445	720	164	79	88
Solar energy	1 413	1 186	728	403	325	63	395	227	116	35	22
Other fuel	46	35	12	12	–	23	–	11	–	–	–
No fuel used	92 729	80 228	58 348	34 997	23 351	5 704	16 176	12 501	5 511	2 073	477
VEHICLES AVAILABLE											
None	12 110	11 321	9 396	8 203	1 193	780	1 145	789	435	139	15
1	56 006	48 632	36 640	23 050	13 590	3 515	8 477	7 374	3 312	1 236	211
2	51 349	43 669	30 702	15 199	15 503	3 186	9 781	7 680	3 294	1 076	309
3	13 825	11 688	7 520	4 023	3 497	893	3 275	2 137	853	332	189
4	3 836	3 194	2 052	1 051	1 001	261	881	642	190	103	24
5 or more	1 629	1 330	940	485	455	84	306	299	90	25	57
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**60 863**	**51 617**	**34 997**	**22 022**	**12 975**	**4 080**	**12 540**	**9 246**	**3 618**	**1 535**	**569**
1989 to March 1990	8 674	6 913	4 183	2 324	1 859	566	2 164	1 761	743	331	38
1985 to 1988	18 884	16 031	10 215	5 996	4 219	1 240	4 576	2 853	1 126	536	89
1980 to 1984	8 973	7 307	4 903	3 126	1 777	563	1 841	1 666	598	204	153
1970 to 1979	13 932	11 967	8 444	5 485	2 959	763	2 760	1 965	732	292	220
1960 to 1969	5 722	5 302	4 296	2 778	1 518	336	670	420	168	64	35
1959 or earlier	4 678	4 097	2 956	2 313	643	612	529	581	251	108	34
Renter-occupied housing units	**77 892**	**68 217**	**52 253**	**29 989**	**22 264**	**4 639**	**11 325**	**9 675**	**4 556**	**1 376**	**236**
1989 to March 1990	36 458	31 702	23 727	12 590	11 137	2 353	5 622	4 756	2 389	603	83
1985 to 1988	29 979	26 635	20 946	11 256	9 690	1 528	4 161	3 344	1 594	449	81
1980 to 1984	6 600	5 722	4 276	3 401	875	485	961	878	318	147	42
1970 to 1979	3 794	3 290	2 585	2 147	438	213	492	504	214	104	17
1960 to 1969	724	644	548	462	86	44	52	80	19	9	7
1959 or earlier	337	224	171	133	38	16	37	113	22	64	6
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**60 863**	**51 617**	**34 997**	**22 022**	**12 975**	**4 080**	**12 540**	**9 246**	**3 618**	**1 535**	**569**
Lacking complete plumbing facilities	602	282	71	63	8	9	202	320	52	66	13
1.01 or more	152	52	9	9	–	–	43	100	15	21	13
Renter-occupied housing units	**77 892**	**68 217**	**52 253**	**29 989**	**22 264**	**4 639**	**11 325**	**9 675**	**4 556**	**1 376**	**236**
Lacking complete plumbing facilities	816	418	194	124	70	22	202	398	164	31	46
1.01 or more	183	127	36	27	9	15	76	56	23	9	–

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Table 18. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**7 342**	**6 938**	**6 473**	**1 783**	**4 690**	**91**	**374**	**404**	**236**	**26**	**–**
TENURE											
Owner-occupied housing units	831	777	607	150	457	29	141	54	11	–	–
Renter-occupied housing units	6 511	6 161	5 866	1 633	4 233	62	233	350	225	26	–
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**831**	**777**	**607**	**150**	**457**	**29**	**141**	**54**	**11**	**–**	**–**
1989 to March 1990	29	29	21	–	21	–	8	–	–	–	–
1985 to 1988	80	80	38	16	22	6	36	–	–	–	–
1980 to 1984	167	142	123	22	101	8	11	25	11	–	–
1970 to 1979	296	285	208	40	168	6	71	11	–	–	–
1960 to 1969	157	149	134	24	110	–	15	8	–	–	–
1950 to 1959	57	47	47	30	17	–	–	10	–	–	–
1940 to 1949	36	36	36	18	18	–	–	–	–	–	–
1939 or earlier	9	9	–	–	–	9	–	–	–	–	–
Renter-occupied housing units	**6 511**	**6 161**	**5 866**	**1 633**	**4 233**	**62**	**233**	**350**	**225**	**26**	**–**
1989 to March 1990	65	65	65	11	54	–	–	–	–	–	–
1985 to 1988	358	341	327	90	237	–	14	17	6	–	–
1980 to 1984	675	628	597	116	481	–	31	47	13	26	–
1970 to 1979	2 418	2 282	2 155	553	1 602	16	111	136	74	–	–
1960 to 1969	1 103	1 076	1 008	400	608	23	45	27	27	–	–
1950 to 1959	1 033	1 006	1 006	323	683	–	–	27	15	–	–
1940 to 1949	558	498	472	87	385	13	13	60	60	–	–
1939 or earlier	301	265	236	53	183	10	19	36	30	–	–
BEDROOMS											
Owner-occupied housing units	**831**	**777**	**607**	**150**	**457**	**29**	**141**	**54**	**11**	**–**	**–**
None	13	6	6	–	6	–	–	7	–	–	–
1	66	66	62	19	43	–	4	–	–	–	–
2	250	250	200	43	157	23	27	–	–	–	–
3	340	309	213	68	145	6	90	31	11	–	–
4	134	129	109	16	93	–	20	5	–	–	–
5 or more	28	17	17	4	13	–	–	11	–	–	–
Renter-occupied housing units	**6 511**	**6 161**	**5 866**	**1 633**	**4 233**	**62**	**233**	**350**	**225**	**26**	**–**
None	428	417	391	251	140	–	26	11	11	–	–
1	1 156	1 100	1 028	505	523	35	37	56	30	26	–
2	2 359	2 189	2 120	508	1 612	–	69	170	143	–	–
3	1 724	1 634	1 535	286	1 249	27	72	90	24	–	–
4	758	735	721	83	638	–	14	23	17	–	–
5 or more	86	86	71	–	71	–	15	–	–	–	–
SOURCE OF WATER											
Public system or private company	7 275	6 905	6 449	1 779	4 670	91	365	370	226	26	–
Individual drilled well	7	7	7	–	7	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–	–
Some other source	60	26	17	4	13	–	9	34	10	–	–
SEWAGE DISPOSAL											
Public sewer	6 989	6 675	6 334	1 761	4 573	77	264	314	212	26	–
Septic tank or cesspool	295	205	90	9	81	14	101	90	24	–	–
Other means	58	58	49	13	36	–	9	–	–	–	–
KITCHEN FACILITIES											
Complete kitchen facilities	7 267	6 863	6 404	1 751	4 653	91	368	404	236	26	–
Lacking complete kitchen facilities	75	75	69	32	37	–	6	–	–	–	–
HOUSE HEATING FUEL											
Utility gas	256	249	242	92	150	7	–	7	–	–	–
Bottled, tank, or LP gas	73	64	47	11	36	6	11	9	–	–	–
Electricity	2 562	2 448	2 269	586	1 683	20	159	114	84	–	–
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–
Solar energy	43	36	19	–	19	11	6	7	7	–	–
Other fuel	8	8	8	8	–	–	–	–	–	–	–
No fuel used	4 400	4 133	3 888	1 086	2 802	47	198	267	145	26	–
VEHICLES AVAILABLE											
None	676	665	641	336	305	–	24	11	11	–	–
1	3 747	3 483	3 310	958	2 352	35	138	264	146	26	–
2	2 480	2 368	2 171	420	1 751	45	152	112	72	–	–
3	369	352	290	56	234	11	51	17	7	–	–
4	70	70	61	13	48	–	9	–	–	–	–
5 or more	–	–	–	–	–	–	–	–	–	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**831**	**777**	**607**	**150**	**457**	**29**	**141**	**54**	**11**	**–**	**–**
1989 to March 1990	141	136	113	34	79	–	23	5	–	–	–
1985 to 1988	297	283	200	38	162	6	77	14	–	–	–
1980 to 1984	134	123	104	20	84	14	5	11	11	–	–
1970 to 1979	192	168	123	24	99	9	36	24	–	–	–
1960 to 1969	50	50	50	17	33	–	–	–	–	–	–
1959 or earlier	17	17	17	17	–	–	–	–	–	–	–
Renter-occupied housing units	**6 511**	**6 161**	**5 866**	**1 633**	**4 233**	**62**	**233**	**350**	**225**	**26**	**–**
1989 to March 1990	3 651	3 501	3 323	819	2 504	24	154	150	62	26	–
1985 to 1988	2 489	2 320	2 228	604	1 624	31	61	169	140	–	–
1980 to 1984	250	219	206	131	75	–	13	31	23	–	–
1970 to 1979	101	101	89	59	30	7	5	–	–	–	–
1960 to 1969	15	15	15	15	–	–	–	–	–	–	–
1959 or earlier	5	5	5	5	–	–	–	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**831**	**777**	**607**	**150**	**457**	**29**	**141**	**54**	**11**	**–**	**–**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**6 511**	**6 161**	**5 866**	**1 633**	**4 233**	**62**	**233**	**350**	**225**	**26**	**–**
Lacking complete plumbing facilities	50	50	50	16	34	–	–	–	–	–	–
1.01 or more	36	36	36	16	20	–	–	–	–	–	–

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Table 19. **Occupancy, Fuel, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**1 624**	**1 367**	**950**	**549**	**401**	**97**	**320**	**257**	**80**	**7**	**16**
TENURE											
Owner-occupied housing units	412	329	241	156	85	10	78	83	11	–	9
Renter-occupied housing units	1 212	1 038	709	393	316	87	242	174	69	7	7
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**412**	**329**	**241**	**156**	**85**	**10**	**78**	**83**	**11**	**–**	**9**
1989 to March 1990	7	–	–	–	–	–	–	7	–	–	–
1985 to 1988	35	7	7	–	7	–	–	28	–	–	–
1980 to 1984	41	21	15	15	–	–	6	20	4	–	–
1970 to 1979	168	156	105	67	38	10	41	12	–	–	–
1960 to 1969	73	73	55	39	16	–	18	–	–	–	–
1950 to 1959	45	38	38	20	18	–	–	7	7	–	–
1940 to 1949	21	21	21	15	6	–	–	–	–	–	–
1939 or earlier	22	13	–	–	–	–	13	9	–	–	9
Renter-occupied housing units	**1 212**	**1 038**	**709**	**393**	**316**	**87**	**242**	**174**	**69**	**7**	**7**
1989 to March 1990	42	34	11	–	11	–	23	8	–	–	–
1985 to 1988	81	64	21	4	17	18	25	17	9	–	–
1980 to 1984	109	76	35	14	21	5	36	33	7	–	7
1970 to 1979	303	260	150	70	80	29	81	43	23	7	–
1960 to 1969	318	307	259	151	108	14	34	11	–	–	–
1950 to 1959	141	129	94	46	48	13	22	12	7	–	–
1940 to 1949	89	61	61	43	18	–	–	28	13	–	–
1939 or earlier	129	107	78	65	13	8	21	22	10	–	–
BEDROOMS											
Owner-occupied housing units	**412**	**329**	**241**	**156**	**85**	**10**	**78**	**83**	**11**	**–**	**9**
None	14	–	–	–	–	–	–	14	–	–	–
1	22	8	8	8	–	–	–	14	–	–	–
2	155	121	93	72	21	10	18	34	11	–	–
3	153	132	87	45	42	–	45	21	–	–	9
4	50	50	35	26	9	–	15	–	–	–	–
5 or more	18	18	18	5	13	–	–	–	–	–	–
Renter-occupied housing units	**1 212**	**1 038**	**709**	**393**	**316**	**87**	**242**	**174**	**69**	**7**	**7**
None	105	88	67	67	–	–	21	17	–	–	–
1	313	264	178	105	73	37	49	49	18	–	7
2	411	341	262	148	114	27	52	70	34	7	–
3	339	305	166	50	116	23	116	34	13	–	–
4	34	34	30	17	13	–	4	–	–	–	–
5 or more	10	6	6	6	–	–	–	4	4	–	–
SOURCE OF WATER											
Public system or private company	1 528	1 357	950	549	401	97	310	171	80	7	–
Individual drilled well	5	5	–	–	–	–	5	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–	–
Some other source	91	5	–	–	–	–	5	86	–	–	16
SEWAGE DISPOSAL											
Public sewer	1 241	1 176	916	544	372	97	163	65	37	–	–
Septic tank or cesspool	337	186	34	5	29	–	152	151	36	7	–
Other means	46	5	–	–	–	–	5	41	7	–	16
KITCHEN FACILITIES											
Complete kitchen facilities	1 601	1 344	936	535	401	97	311	257	80	7	16
Lacking complete kitchen facilities	23	23	14	14	–	–	9	–	–	–	–
HOUSE HEATING FUEL											
Utility gas	62	62	46	32	14	–	16	–	–	–	–
Bottled, tank, or LP gas	48	34	16	–	16	13	5	14	7	–	–
Electricity	507	448	328	194	134	38	82	59	26	7	–
Fuel oil, kerosene, etc.	9	–	–	–	–	–	–	9	–	–	9
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	16	9	–	–	–	–	9	7	–	–	–
Solar energy	29	22	22	10	12	–	–	7	–	–	–
Other fuel	–	–	–	–	–	–	–	–	–	–	–
No fuel used	953	792	538	313	225	46	208	161	47	–	7
VEHICLES AVAILABLE											
None	141	134	109	94	15	–	25	7	–	–	–
1	734	577	401	237	164	77	99	157	47	7	–
2	578	485	344	179	165	15	126	93	33	–	16
3	116	116	55	20	35	5	56	–	–	–	–
4	41	41	41	19	22	–	–	–	–	–	–
5 or more	14	14	–	–	–	–	14	–	–	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**412**	**329**	**241**	**156**	**85**	**10**	**78**	**83**	**11**	**–**	**9**
1989 to March 1990	20	13	8	–	8	–	5	7	–	–	–
1985 to 1988	141	102	74	49	25	–	28	39	4	–	–
1980 to 1984	77	52	46	25	21	–	6	25	7	–	9
1970 to 1979	153	141	92	66	26	10	39	12	–	–	–
1960 to 1969	9	9	9	9	–	–	–	–	–	–	–
1959 or earlier	12	12	12	7	5	–	–	–	–	–	–
Renter-occupied housing units	**1 212**	**1 038**	**709**	**393**	**316**	**87**	**242**	**174**	**69**	**7**	**7**
1989 to March 1990	619	519	338	197	141	40	141	100	27	–	–
1985 to 1988	388	334	226	92	134	33	75	54	29	7	–
1980 to 1984	119	105	69	53	16	14	22	14	7	–	7
1970 to 1979	80	80	76	51	25	–	4	–	–	–	–
1960 to 1969	–	–	–	–	–	–	–	–	–	–	–
1959 or earlier	6	–	–	–	–	–	–	6	6	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**412**	**329**	**241**	**156**	**85**	**10**	**78**	**83**	**11**	**–**	**9**
Lacking complete plumbing facilities	26	–	–	–	–	–	–	26	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**1 212**	**1 038**	**709**	**393**	**316**	**87**	**242**	**174**	**69**	**7**	**7**
Lacking complete plumbing facilities	37	31	26	26	–	–	5	6	–	–	–
1.01 or more	18	18	18	18	–	–	–	–	–	–	–

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Table 20. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm
			Inside urbanized area			Outside urbanized area				
		Total	Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999	Total	Place of 1,000 to 2,499	Place of less than 1,000	
Occupied housing units	**202 865**	**183 779**	**143 340**	**90 564**	**52 776**	**16 657**	**23 782**	**19 086**	**10 704**	**2 385**	**1 137**
TENURE											
Owner-occupied housing units	128 069	115 951	89 482	48 898	40 584	10 787	15 682	12 118	7 124	1 329	910
Renter-occupied housing units	74 796	67 828	53 858	41 666	12 192	5 870	8 100	6 968	3 580	1 056	227
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**128 069**	**115 951**	**89 482**	**48 898**	**40 584**	**10 787**	**15 682**	**12 118**	**7 124**	**1 329**	**910**
1989 to March 1990	2 338	1 918	1 381	262	1 119	164	373	420	305	16	34
1985 to 1988	11 562	10 233	7 357	1 839	5 518	939	1 937	1 329	857	76	129
1980 to 1984	11 966	10 500	7 047	3 261	3 786	1 117	2 336	1 466	801	103	101
1970 to 1979	34 860	31 741	23 416	12 069	11 347	2 994	5 331	3 119	1 593	392	188
1960 to 1969	29 840	28 247	23 381	12 338	11 043	2 223	2 643	1 593	886	192	135
1950 to 1959	20 927	19 368	16 228	10 191	6 037	1 716	1 424	1 559	933	143	167
1940 to 1949	8 305	7 379	5 928	4 902	1 026	822	629	926	658	104	39
1939 or earlier	8 271	6 565	4 744	4 036	708	812	1 009	1 706	1 091	303	117
Renter-occupied housing units	**74 796**	**67 828**	**53 858**	**41 666**	**12 192**	**5 870**	**8 100**	**6 968**	**3 580**	**1 056**	**227**
1989 to March 1990	1 305	1 170	802	658	144	78	290	135	81	–	–
1985 to 1988	3 841	3 218	2 162	1 228	934	281	775	623	375	35	19
1980 to 1984	6 308	5 668	3 857	2 592	1 265	712	1 099	640	358	24	13
1970 to 1979	21 024	19 657	15 131	11 664	3 467	2 047	2 479	1 367	810	139	42
1960 to 1969	18 333	17 636	15 139	12 059	3 080	1 104	1 393	697	381	108	40
1950 to 1959	10 950	10 217	8 699	6 966	1 733	690	828	733	270	138	32
1940 to 1949	6 051	5 100	4 188	3 325	863	403	509	951	412	267	26
1939 or earlier	6 984	5 162	3 880	3 174	706	555	727	1 822	893	345	55
BEDROOMS											
Owner-occupied housing units	**128 069**	**115 951**	**89 482**	**48 898**	**40 584**	**10 787**	**15 682**	**12 118**	**7 124**	**1 329**	**910**
None	2 379	2 248	2 035	1 600	435	86	127	131	40	28	–
1	12 347	11 439	9 626	6 684	2 942	595	1 218	908	462	98	88
2	26 741	24 312	19 089	11 251	7 838	1 967	3 256	2 429	1 248	248	293
3	60 046	53 143	38 310	18 316	19 994	6 349	8 484	6 903	4 464	689	416
4	18 360	17 077	13 771	6 965	6 806	1 279	2 027	1 283	642	201	85
5 or more	8 196	7 732	6 651	4 082	2 569	511	570	464	268	65	28
Renter-occupied housing units	**74 796**	**67 828**	**53 858**	**41 666**	**12 192**	**5 870**	**8 100**	**6 968**	**3 580**	**1 056**	**227**
None	10 983	10 447	9 038	8 402	636	721	688	536	257	104	20
1	22 667	21 337	17 860	15 379	2 481	1 668	1 809	1 330	818	110	28
2	23 295	21 039	16 697	12 361	4 336	1 715	2 627	2 256	1 262	249	72
3	14 130	11 715	7 846	4 250	3 596	1 402	2 467	2 415	1 102	480	73
4	2 878	2 521	1 850	880	970	269	402	357	116	100	28
5 or more	843	769	567	394	173	95	107	74	25	13	6
SOURCE OF WATER											
Public system or private company	200 721	182 841	143 148	90 480	52 668	16 613	23 080	17 880	10 470	2 267	1 031
Individual drilled well	224	134	102	23	79	–	32	90	9	11	–
Individual dug well	60	40	20	12	8	–	20	20	5	8	–
Some other source	1 860	764	70	49	21	44	650	1 096	220	99	106
SEWAGE DISPOSAL											
Public sewer	165 851	159 818	139 089	89 347	49 742	10 114	10 615	6 033	4 109	819	87
Septic tank or cesspool	35 334	22 802	3 597	720	2 877	6 444	12 761	12 532	6 396	1 519	1 005
Other means	1 680	1 159	654	497	157	99	406	521	199	47	45
KITCHEN FACILITIES											
Complete kitchen facilities	200 484	181 820	141 841	89 283	52 558	16 499	23 480	18 664	10 590	2 316	1 119
Lacking complete kitchen facilities	2 381	1 959	1 499	1 281	218	158	302	422	114	69	18
HOUSE HEATING FUEL											
Utility gas	8 470	8 335	7 530	5 967	1 563	432	373	135	102	15	7
Bottled, tank, or LP gas	4 793	3 309	1 371	876	495	671	1 267	1 484	910	190	66
Electricity	91 615	85 844	70 182	43 119	27 063	7 006	8 656	5 771	3 168	631	406
Fuel oil, kerosene, etc.	265	167	29	16	13	47	91	98	31	–	24
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	373	171	26	7	19	30	115	202	72	21	35
Solar energy	4 015	3 557	2 245	1 181	1 064	559	753	458	259	75	29
Other fuel	71	57	39	35	4	–	18	14	4	–	–
No fuel used	93 263	82 339	61 918	39 363	22 555	7 912	12 509	10 924	6 158	1 453	570
VEHICLES AVAILABLE											
None	21 578	19 908	17 032	14 564	2 468	1 274	1 602	1 670	987	202	21
1	65 698	60 164	48 249	35 383	12 866	5 258	6 657	5 534	3 186	732	212
2	70 505	63 210	47 643	25 913	21 730	6 163	9 404	7 295	4 017	755	505
3	28 851	25 946	19 461	9 657	9 804	2 596	3 889	2 905	1 639	458	248
4	11 104	9 936	7 604	3 395	4 209	916	1 416	1 168	606	174	81
5 or more	5 129	4 615	3 351	1 652	1 699	450	814	514	269	64	70
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**128 069**	**115 951**	**89 482**	**48 898**	**40 584**	**10 787**	**15 682**	**12 118**	**7 124**	**1 329**	**910**
1989 to March 1990	9 531	8 636	7 029	3 267	3 762	473	1 134	895	563	55	77
1985 to 1988	25 275	23 175	18 178	8 961	9 217	1 759	3 238	2 100	1 232	197	183
1980 to 1984	15 734	13 969	10 088	5 298	4 790	1 331	2 550	1 765	971	98	139
1970 to 1979	32 570	29 428	21 782	11 049	10 733	2 886	4 760	3 142	1 715	446	198
1960 to 1969	22 652	20 890	16 847	9 038	7 809	2 127	1 916	1 762	1 096	226	106
1959 or earlier	22 307	19 853	15 558	11 285	4 273	2 211	2 084	2 454	1 547	307	207
Renter-occupied housing units	**74 796**	**67 828**	**53 858**	**41 666**	**12 192**	**5 870**	**8 100**	**6 968**	**3 580**	**1 056**	**227**
1989 to March 1990	21 419	19 671	15 164	11 326	3 838	1 763	2 744	1 748	974	216	29
1985 to 1988	26 287	24 077	18 970	14 259	4 711	2 234	2 873	2 210	1 198	250	94
1980 to 1984	12 368	11 338	9 070	7 295	1 775	981	1 287	1 030	539	135	25
1970 to 1979	9 101	8 178	6 982	5 631	1 351	482	714	923	487	161	44
1960 to 1969	3 223	2 833	2 336	2 010	326	286	211	390	142	120	6
1959 or earlier	2 398	1 731	1 336	1 145	191	124	271	667	240	174	29
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**128 069**	**115 951**	**89 482**	**48 898**	**40 584**	**10 787**	**15 682**	**12 118**	**7 124**	**1 329**	**910**
Lacking complete plumbing facilities	528	349	188	98	90	32	129	179	54	34	11
1.01 or more	144	93	35	17	18	–	58	51	19	–	–
Renter-occupied housing units	**74 796**	**67 828**	**53 858**	**41 666**	**12 192**	**5 870**	**8 100**	**6 968**	**3 580**	**1 056**	**227**
Lacking complete plumbing facilities	1 237	929	589	515	74	37	303	308	135	18	14
1.01 or more	599	443	304	240	64	–	139	156	48	9	9

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Table 21. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**19 344**	**16 605**	**11 402**	**5 318**	**6 084**	**1 485**	**3 718**	**2 739**	**1 401**	**331**	**74**
TENURE											
Owner-occupied housing units	7 074	5 969	3 618	1 386	2 232	514	1 837	1 105	554	144	25
Renter-occupied housing units	12 270	10 636	7 784	3 932	3 852	971	1 881	1 634	847	187	49
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**7 074**	**5 969**	**3 618**	**1 386**	**2 232**	**514**	**1 837**	**1 105**	**554**	**144**	**25**
1989 to March 1990	230	191	76	–	76	9	106	39	19	–	–
1985 to 1988	815	645	367	22	345	38	240	170	79	46	–
1980 to 1984	841	632	347	85	262	52	233	209	107	10	6
1970 to 1979	2 170	1 815	879	313	566	209	727	355	167	40	8
1960 to 1969	1 321	1 201	880	334	546	73	248	120	70	13	–
1950 to 1959	935	885	679	346	333	63	143	50	33	17	–
1940 to 1949	349	296	219	136	83	27	50	53	35	4	–
1939 or earlier	413	304	171	150	21	43	90	109	44	14	11
Renter-occupied housing units	**12 270**	**10 636**	**7 784**	**3 932**	**3 852**	**971**	**1 881**	**1 634**	**847**	**187**	**49**
1989 to March 1990	335	272	130	81	49	33	109	63	32	4	–
1985 to 1988	846	631	343	130	213	104	184	215	117	–	–
1980 to 1984	1 106	984	712	235	477	87	185	122	85	–	6
1970 to 1979	3 584	3 172	2 176	1 118	1 058	300	696	412	228	39	14
1960 to 1969	2 574	2 460	2 021	1 091	930	178	261	114	59	14	–
1950 to 1959	1 706	1 518	1 198	648	550	104	216	188	78	36	–
1940 to 1949	1 129	911	725	380	345	77	109	218	93	42	–
1939 or earlier	990	688	479	249	230	88	121	302	155	52	29
BEDROOMS											
Owner-occupied housing units	**7 074**	**5 969**	**3 618**	**1 386**	**2 232**	**514**	**1 837**	**1 105**	**554**	**144**	**25**
None	172	156	107	61	46	28	21	16	8	–	–
1	756	665	425	197	228	61	179	91	34	9	6
2	1 711	1 484	931	317	614	125	428	227	111	38	–
3	3 212	2 568	1 402	536	866	233	933	644	349	79	14
4	772	660	451	162	289	43	166	112	41	18	5
5 or more	451	436	302	113	189	24	110	15	11	–	–
Renter-occupied housing units	**12 270**	**10 636**	**7 784**	**3 932**	**3 852**	**971**	**1 881**	**1 634**	**847**	**187**	**49**
None	1 251	1 157	916	777	139	101	140	94	59	7	–
1	2 981	2 748	2 029	1 360	669	264	455	233	132	–	–
2	4 256	3 699	2 728	1 209	1 519	311	660	557	301	36	18
3	3 012	2 375	1 634	469	1 165	210	531	637	341	99	31
4	680	579	435	94	341	72	72	101	14	33	–
5 or more	90	78	42	23	19	13	23	12	–	12	–
SOURCE OF WATER											
Public system or private company	18 838	16 378	11 384	5 313	6 071	1 477	3 517	2 460	1 349	305	56
Individual drilled well	37	19	13	–	13	–	6	18	9	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–	–
Some other source	469	208	5	5	–	8	195	261	43	26	18
SEWAGE DISPOSAL											
Public sewer	14 644	13 701	10 955	5 249	5 706	1 102	1 644	943	601	81	–
Septic tank or cesspool	4 473	2 803	420	61	359	383	2 000	1 670	747	214	67
Other means	227	101	27	8	19	–	74	126	53	36	7
KITCHEN FACILITIES											
Complete kitchen facilities	18 934	16 281	11 174	5 130	6 044	1 470	3 637	2 653	1 356	331	67
Lacking complete kitchen facilities	410	324	228	188	40	15	81	86	45	–	7
HOUSE HEATING FUEL											
Utility gas	665	646	536	339	197	51	59	19	19	–	–
Bottled, tank, or LP gas	574	356	112	25	87	63	181	218	105	12	17
Electricity	7 196	6 469	4 866	2 098	2 768	448	1 155	727	362	107	5
Fuel oil, kerosene, etc.	10	10	4	–	4	–	6	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	71	27	18	6	12	–	9	44	14	–	5
Solar energy	270	231	100	38	62	45	86	39	31	8	–
Other fuel	5	–	–	–	–	–	–	5	–	–	–
No fuel used	10 553	8 866	5 766	2 812	2 954	878	2 222	1 687	870	204	47
VEHICLES AVAILABLE											
None	2 178	1 968	1 577	1 130	447	152	239	210	134	11	–
1	7 334	6 437	4 592	2 269	2 323	504	1 341	897	537	66	19
2	6 680	5 574	3 641	1 318	2 323	546	1 387	1 106	487	161	30
3	2 024	1 662	998	395	603	167	497	362	168	70	8
4	782	662	427	163	264	84	151	120	46	23	–
5 or more	346	302	167	43	124	32	103	44	29	–	17
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**7 074**	**5 969**	**3 618**	**1 386**	**2 232**	**514**	**1 837**	**1 105**	**554**	**144**	**25**
1989 to March 1990	683	599	373	134	239	38	188	84	46	–	–
1985 to 1988	1 819	1 509	894	255	639	149	466	310	122	64	–
1980 to 1984	1 213	960	508	149	359	107	345	253	125	10	6
1970 to 1979	1 761	1 517	871	365	506	104	542	244	102	43	8
1960 to 1969	865	748	553	216	337	57	138	117	95	–	–
1959 or earlier	733	636	419	267	152	59	158	97	64	27	11
Renter-occupied housing units	**12 270**	**10 636**	**7 784**	**3 932**	**3 852**	**971**	**1 881**	**1 634**	**847**	**187**	**49**
1989 to March 1990	5 089	4 423	3 239	1 589	1 650	379	805	666	401	58	14
1985 to 1988	4 837	4 272	3 151	1 437	1 714	411	710	565	306	46	30
1980 to 1984	1 307	1 122	798	483	315	129	195	185	68	36	5
1970 to 1979	796	666	487	327	160	28	151	130	40	12	–
1960 to 1969	165	119	75	68	7	24	20	46	12	13	–
1959 or earlier	76	34	34	28	6	–	–	42	20	22	–
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**7 074**	**5 969**	**3 618**	**1 386**	**2 232**	**514**	**1 837**	**1 105**	**554**	**144**	**25**
Lacking complete plumbing facilities	34	–	–	–	–	–	–	34	14	12	6
1.01 or more	8	–	–	–	–	–	–	8	8	–	–
Renter-occupied housing units	**12 270**	**10 636**	**7 784**	**3 932**	**3 852**	**971**	**1 881**	**1 634**	**847**	**187**	**49**
Lacking complete plumbing facilities	253	161	100	73	27	15	46	92	60	6	12
1.01 or more	81	64	35	20	15	15	14	17	12	–	–

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Table 22. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area				
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999	Total	Place of 1,000 to 2,499	Place of less than 1,000	
Occupied housing units	**132 781**	**114 770**	**83 804**	**50 147**	**33 657**	**8 283**	**22 683**	**18 011**	**7 790**	**2 771**	**768**
TENURE											
Owner-occupied housing units	58 774	49 808	33 930	21 463	12 467	3 902	11 976	8 966	3 517	1 468	563
Renter-occupied housing units	74 007	64 962	49 874	28 684	21 190	4 381	10 707	9 045	4 273	1 303	205
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**58 774**	**49 808**	**33 930**	**21 463**	**12 467**	**3 902**	**11 976**	**8 966**	**3 517**	**1 468**	**563**
1989 to March 1990	1 946	1 289	485	116	369	116	688	657	231	106	5
1985 to 1988	6 340	4 871	2 140	674	1 466	432	2 299	1 469	606	175	76
1980 to 1984	6 678	5 069	2 701	1 496	1 205	485	1 883	1 609	556	226	126
1970 to 1979	20 050	17 066	11 156	6 626	4 530	1 335	4 575	2 984	1 086	601	218
1960 to 1969	11 132	10 465	8 717	5 829	2 888	509	1 239	667	255	141	35
1950 to 1959	6 959	6 372	5 341	3 760	1 581	489	542	587	296	76	46
1940 to 1949	2 788	2 383	1 789	1 463	326	282	312	405	202	60	–
1939 or earlier	2 881	2 293	1 601	1 499	102	254	438	588	285	83	57
Renter-occupied housing units	**74 007**	**64 962**	**49 874**	**28 684**	**21 190**	**4 381**	**10 707**	**9 045**	**4 273**	**1 303**	**205**
1989 to March 1990	1 898	1 484	623	274	349	304	557	414	231	53	–
1985 to 1988	5 848	4 580	2 311	960	1 351	500	1 769	1 268	625	151	23
1980 to 1984	8 250	6 954	4 535	2 003	2 532	647	1 772	1 296	621	138	17
1970 to 1979	22 188	20 086	14 869	8 460	6 409	1 559	3 658	2 102	836	434	101
1960 to 1969	14 965	14 052	12 154	8 121	4 033	591	1 307	913	406	125	13
1950 to 1959	9 762	8 887	7 867	4 950	2 917	312	708	875	478	97	6
1940 to 1949	6 156	5 040	4 423	2 245	2 178	229	388	1 116	657	82	13
1939 or earlier	4 940	3 879	3 092	1 671	1 421	239	548	1 061	419	223	32
BEDROOMS											
Owner-occupied housing units	**58 774**	**49 808**	**33 930**	**21 463**	**12 467**	**3 902**	**11 976**	**8 966**	**3 517**	**1 468**	**563**
None	1 404	1 155	777	710	67	56	322	249	45	60	13
1	6 415	5 286	3 864	3 291	573	452	970	1 129	238	358	45
2	14 490	11 657	7 999	5 542	2 457	929	2 729	2 833	1 234	523	176
3	24 653	21 309	13 503	7 034	6 469	1 760	6 046	3 344	1 488	397	232
4	8 799	7 835	5 912	3 608	2 304	486	1 437	964	413	97	58
5 or more	3 013	2 566	1 875	1 278	597	219	472	447	99	33	39
Renter-occupied housing units	**74 007**	**64 962**	**49 874**	**28 684**	**21 190**	**4 381**	**10 707**	**9 045**	**4 273**	**1 303**	**205**
None	7 121	6 508	4 971	4 301	670	385	1 152	613	204	84	16
1	17 277	15 412	11 754	9 597	2 157	1 365	2 293	1 865	777	472	55
2	24 020	20 737	15 683	8 794	6 889	1 436	3 618	3 283	1 897	343	44
3	19 256	16 534	12 544	4 557	7 987	1 011	2 979	2 722	1 111	338	73
4	5 549	5 085	4 414	1 199	3 215	118	553	464	251	48	6
5 or more	784	686	508	236	272	66	112	98	33	18	11
SOURCE OF WATER											
Public system or private company	127 963	112 992	83 610	49 981	33 629	8 209	21 173	14 971	7 196	2 359	568
Individual drilled well	265	81	20	–	20	8	53	184	25	24	6
Individual dug well	45	23	6	6	–	–	17	22	9	–	7
Some other source	4 508	1 674	168	160	8	66	1 440	2 834	560	388	187
SEWAGE DISPOSAL											
Public sewer	103 771	97 762	81 249	49 265	31 984	6 053	10 460	6 009	3 466	1 286	30
Septic tank or cesspool	27 763	16 431	2 339	754	1 585	2 223	11 869	11 332	4 136	1 399	678
Other means	1 247	577	216	128	88	7	354	670	188	86	60
KITCHEN FACILITIES											
Complete kitchen facilities	130 782	113 232	82 820	49 402	33 418	8 123	22 289	17 550	7 665	2 687	739
Lacking complete kitchen facilities	1 999	1 538	984	745	239	160	394	461	125	84	29
HOUSE HEATING FUEL											
Utility gas	2 511	2 439	2 138	1 360	778	134	167	72	28	25	–
Bottled, tank, or LP gas	2 015	1 092	276	157	119	140	676	923	320	70	70
Electricity	36 015	32 052	24 068	14 149	9 919	2 454	5 530	3 963	1 819	577	116
Fuel oil, kerosene, etc.	329	164	103	103	–	18	43	165	47	20	15
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 287	578	107	50	57	35	436	709	160	79	88
Solar energy	1 358	1 131	702	384	318	51	378	227	116	35	22
Other fuel	41	35	12	12	–	23	–	6	–	–	–
No fuel used	89 225	77 279	56 398	33 932	22 466	5 428	15 453	11 946	5 300	1 965	457
VEHICLES AVAILABLE											
None	11 340	10 642	8 836	7 793	1 043	738	1 068	698	362	139	15
1	53 630	46 551	35 173	22 271	12 902	3 352	8 026	7 079	3 161	1 208	204
2	49 336	41 999	29 646	14 697	14 949	2 995	9 358	7 337	3 184	1 004	296
3	13 291	11 277	7 278	3 896	3 382	874	3 125	2 014	828	305	189
4	3 642	3 041	1 966	1 027	939	254	821	601	182	90	24
5 or more	1 542	1 260	905	463	442	70	285	282	73	25	40
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**58 774**	**49 808**	**33 930**	**21 463**	**12 467**	**3 902**	**11 976**	**8 966**	**3 517**	**1 468**	**563**
1989 to March 1990	8 487	6 759	4 093	2 279	1 814	557	2 109	1 728	729	331	38
1985 to 1988	18 289	15 537	9 953	5 907	4 046	1 175	4 409	2 752	1 111	482	89
1980 to 1984	8 707	7 085	4 789	3 075	1 714	537	1 759	1 622	560	204	153
1970 to 1979	13 427	11 536	8 222	5 357	2 865	726	2 588	1 891	715	285	220
1960 to 1969	5 421	5 023	4 084	2 663	1 421	318	621	398	151	64	35
1959 or earlier	4 443	3 868	2 789	2 182	607	589	490	575	251	102	28
Renter-occupied housing units	**74 007**	**64 962**	**49 874**	**28 684**	**21 190**	**4 381**	**10 707**	**9 045**	**4 273**	**1 303**	**205**
1989 to March 1990	34 720	30 208	22 643	12 007	10 636	2 233	5 332	4 512	2 267	585	69
1985 to 1988	28 490	25 393	20 036	10 799	9 237	1 421	3 936	3 097	1 454	439	64
1980 to 1984	6 260	5 432	4 049	3 261	788	460	923	828	309	127	42
1970 to 1979	3 548	3 099	2 459	2 054	405	207	433	449	205	104	17
1960 to 1969	678	613	523	437	86	44	46	65	19	–	7
1959 or earlier	311	217	164	126	38	16	37	94	19	48	6
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**58 774**	**49 808**	**33 930**	**21 463**	**12 467**	**3 902**	**11 976**	**8 966**	**3 517**	**1 468**	**563**
Lacking complete plumbing facilities	582	282	71	63	8	9	202	300	44	54	13
1.01 or more	144	52	9	9	–	–	43	92	7	21	13
Renter-occupied housing units	**74 007**	**64 962**	**49 874**	**28 684**	**21 190**	**4 381**	**10 707**	**9 045**	**4 273**	**1 303**	**205**
Lacking complete plumbing facilities	719	366	176	114	62	7	183	353	130	25	39
1.01 or more	160	104	36	27	9	–	68	56	23	9	–

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Table 23. Social and Financial Characteristics of Housing Units With a White Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**138 755**	**119 834**	**87 250**	**52 011**	**35 239**	**8 719**	**23 865**	**18 921**	**8 174**	**2 911**	**805**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**22 904**	**19 776**	**14 414**	**11 578**	**2 836**	**1 981**	**3 381**	**3 128**	**1 374**	**667**	**90**
Owner occupied	15 702	13 378	9 439	7 294	2 145	1 383	2 556	2 324	1 041	485	84
1-person households	9 369	8 161	5 950	5 123	827	986	1 225	1 208	539	259	7
Built 1939 or earlier	1 939	1 591	1 128	1 061	67	193	270	348	218	66	5
Mean household income in 1989 (dollars)	42 818	43 880	46 445	47 007	44 148	29 324	41 475	36 105	38 818	35 792	41 937
Female householder, no husband present	8 304	7 402	5 410	4 576	834	934	1 058	902	433	135	7
Lacking complete plumbing facilities	47	28	13	13	–	–	15	19	–	–	–
No vehicle available	4 951	4 625	3 794	3 403	391	464	367	326	200	72	–
No telephone in unit	415	312	214	185	29	20	78	103	35	26	–
1-person households	349	271	211	185	26	20	40	78	30	13	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**2 472**	**1 737**	**912**	**762**	**150**	**205**	**620**	**735**	**174**	**95**	**25**
Married-couple families	808	556	235	177	58	93	228	252	53	25	14
With own children under 18 years	353	206	71	54	17	29	106	147	28	14	14
Families with female householder	203	137	50	44	6	19	68	66	21	–	–
With own children under 18 years	142	103	36	36	–	16	51	39	13	–	–
Householder worked in 1989	961	602	285	236	49	60	257	359	42	55	18
With public assistance income	264	148	37	31	6	24	87	116	14	25	7
With Social Security income	823	604	329	274	55	84	191	219	63	36	7
Built 1939 or earlier	273	172	114	108	6	23	35	101	63	16	–
Lacking complete plumbing facilities	177	74	3	3	–	–	71	103	15	19	–
No vehicle available	352	303	225	197	28	49	29	49	19	7	–
No telephone in unit	156	92	13	13	–	8	71	64	–	14	–
1.01 or more persons per room	224	124	62	49	13	17	45	100	7	14	13
Renter-occupied housing units	**7 667**	**6 296**	**3 853**	**2 558**	**1 295**	**883**	**1 560**	**1 371**	**648**	**189**	**52**
Married-couple families	1 508	1 300	788	228	560	127	385	208	120	6	7
With own children under 18 years	1 124	982	628	126	502	116	238	142	98	6	7
Families with female householder	1 765	1 445	707	358	349	281	457	320	136	35	7
With own children under 18 years	1 652	1 358	652	311	341	277	429	294	114	31	7
Householder worked in 1989	3 743	3 052	1 904	1 149	755	352	796	691	321	96	39
With public assistance income	2 306	1 871	937	613	324	448	486	435	207	54	24
With Social Security income	1 415	1 200	746	586	160	220	234	215	108	17	–
Built 1939 or earlier	602	428	264	236	28	45	119	174	73	43	30
Lacking complete plumbing facilities	300	110	48	32	16	7	55	190	64	15	39
No vehicle available	2 261	2 024	1 503	1 270	233	252	269	237	168	20	–
No telephone in unit	821	531	299	221	78	97	135	290	123	6	23
1.01 or more persons per room	1 115	918	468	231	237	194	256	197	70	30	–
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**37 313**	**38 501**	**39 862**	**40 235**	**39 323**	**31 708**	**37 158**	**31 659**	**31 995**	**33 801**	**33 975**
Owner occupied (dollars)	50 304	52 158	57 440	57 733	57 122	37 917	43 551	38 147	40 171	38 505	37 188
Renter occupied (dollars)	30 359	30 783	31 047	31 105	30 987	26 536	30 816	27 077	27 093	30 278	26 731
Specified owner-occupied housing units	**42 661**	**35 422**	**22 071**	**12 344**	**9 727**	**3 068**	**10 283**	**7 239**	**2 880**	**985**	**387**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	31 011	26 915	17 450	9 042	8 408	1 897	7 568	4 096	1 688	575	232
Less than $200	235	159	80	66	14	30	49	76	42	19	8
$200 to $299	644	473	270	87	183	46	157	171	64	30	5
$300 to $399	1 535	1 203	601	272	329	138	464	332	133	31	17
$400 to $499	1 725	1 369	730	315	415	103	536	356	100	70	24
$500 to $599	1 578	1 259	664	377	287	159	436	319	70	50	9
$600 to $699	1 734	1 386	741	339	402	123	522	348	169	46	14
$700 to $799	1 757	1 433	778	410	368	147	508	324	140	46	31
$800 to $899	1 704	1 433	766	336	430	122	545	271	114	49	12
$900 to $999	1 701	1 500	768	352	416	139	593	201	112	–	14
$1,000 to $1,249	4 000	3 531	2 258	1 044	1 214	231	1 042	469	215	59	39
$1,250 to $1,499	4 353	3 966	2 562	971	1 591	286	1 118	387	194	25	30
$1,500 to $1,999	5 237	4 788	3 598	1 776	1 822	224	966	449	230	60	7
$2,000 or more	4 808	4 415	3 634	2 697	937	149	632	393	105	90	22
Median (dollars)	1 181	1 230	1 354	1 488	1 273	959	996	838	909	793	875
Mean (dollars)	1 322	1 363	1 503	1 703	1 287	1 087	1 109	1 059	1 025	1 160	1 099
Not mortgaged	11 650	8 507	4 621	3 302	1 319	1 171	2 715	3 143	1 192	410	155
Less than $100	1 791	826	86	45	41	233	507	965	221	142	18
$100 to $199	5 255	3 837	1 943	1 186	757	664	1 230	1 418	672	186	75
$200 to $299	2 852	2 375	1 533	1 179	354	220	622	477	217	51	33
$300 to $399	943	801	557	440	117	34	210	142	42	18	7
$400 to $499	350	264	200	163	37	8	56	86	26	13	16
$500 or more	459	404	302	289	13	12	90	55	14	–	6
Median (dollars)	176	190	215	231	183	148	163	133	148	119	182
Mean (dollars)	205	222	252	272	201	163	195	160	168	139	223
Specified renter-occupied housing units	**77 176**	**67 890**	**52 091**	**29 932**	**22 159**	**4 621**	**11 178**	**9 286**	**4 460**	**1 352**	**151**
GROSS RENT											
Less than $100	442	270	180	139	41	36	54	172	86	13	6
$100 to $149	829	675	448	292	156	131	96	154	93	45	–
$150 to $199	759	551	276	230	46	113	162	208	103	44	6
$200 to $249	652	550	340	300	40	79	131	102	37	32	–
$250 to $299	1 067	839	506	354	152	160	173	228	121	38	5
$300 to $349	1 607	1 332	803	547	256	269	260	275	148	24	4
$350 to $399	2 325	1 850	1 288	706	582	262	300	475	232	79	7
$400 to $449	2 594	2 299	1 669	1 037	632	240	390	295	95	46	6
$450 to $499	2 943	2 564	1 851	1 288	563	325	388	379	121	79	17
$500 to $549	3 005	2 599	1 754	1 424	330	289	556	406	98	55	10
$550 to $599	3 341	2 974	2 074	1 567	507	247	653	367	174	46	–
$600 to $649	3 283	3 002	2 278	1 776	502	264	460	281	109	27	–
$650 to $699	3 782	3 480	2 642	1 824	818	189	649	302	188	23	–
$700 to $749	4 349	3 932	2 919	2 099	820	253	760	417	182	97	12
$750 to $999	18 206	16 185	12 059	7 023	5 036	926	3 200	2 021	1 122	351	7
$1,000 or more	14 817	13 660	10 681	6 464	4 217	656	2 323	1 157	626	196	15
No cash rent	13 175	11 128	10 323	2 862	7 461	182	623	2 047	925	157	56
Median (dollars)	764	773	788	749	845	613	769	696	745	724	495
Mean (dollars)	801	813	831	807	875	668	803	708	737	710	582

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Table 24. Social and Financial Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**7 342**	**6 938**	**6 473**	**1 783**	**4 690**	**91**	**374**	**404**	**236**	**26**	**–**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**253**	**248**	**193**	**140**	**53**	**16**	**39**	**5**	**5**	**–**	**–**
Owner occupied	57	57	51	23	28	6	–	–	–	–	–
1-person households	129	124	85	76	9	10	29	5	5	–	–
Built 1939 or earlier	19	19	9	9	–	10	–	–	–	–	–
Mean household income in 1989 (dollars)	28 817	29 228	31 696	26 011	46 713	34 219	14 964	8 460	8 460	–	–
Female householder, no husband present	60	60	36	27	9	–	24	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	90	90	90	81	9	–	–	–	–	–	–
No telephone in unit	5	5	5	5	–	–	–	–	–	–	–
1-person households	5	5	5	5	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**25**	**18**	**18**	**–**	**18**	**–**	**–**	**7**	**–**	**–**	**–**
Married-couple families	7	–	–	–	–	–	–	7	–	–	–
With own children under 18 years	7	–	–	–	–	–	–	7	–	–	–
Families with female householder	–	–	–	–	–	–	–	–	–	–	–
With own children under 18 years	–	–	–	–	–	–	–	–	–	–	–
Householder worked in 1989	–	–	–	–	–	–	–	–	–	–	–
With public assistance income	9	9	9	–	9	–	–	–	–	–	–
With Social Security income	–	–	–	–	–	–	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	9	9	9	–	9	–	–	–	–	–	–
No telephone in unit	7	–	–	–	–	–	–	7	–	–	–
1.01 or more persons per room	7	–	–	–	–	–	–	7	–	–	–
Renter-occupied housing units	**427**	**409**	**367**	**131**	**236**	**7**	**35**	**18**	**12**	**–**	**–**
Married-couple families	259	241	229	51	178	–	12	18	12	–	–
With own children under 18 years	221	203	191	20	171	–	12	18	12	–	–
Families with female householder	57	57	53	21	32	–	4	–	–	–	–
With own children under 18 years	51	51	47	21	26	–	4	–	–	–	–
Householder worked in 1989	267	255	236	80	156	–	19	12	12	–	–
With public assistance income	138	127	104	26	78	7	16	11	5	–	–
With Social Security income	35	35	35	23	12	–	–	–	–	–	–
Built 1939 or earlier	15	15	8	8	–	–	7	–	–	–	–
Lacking complete plumbing facilities	9	9	9	–	9	–	–	–	–	–	–
No vehicle available	152	152	132	74	58	–	20	–	–	–	–
No telephone in unit	60	54	47	18	29	–	7	6	–	–	–
1.01 or more persons per room	94	88	84	26	58	–	4	6	–	–	–
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**27 085**	**27 409**	**27 268**	**27 391**	**27 224**	**47 708**	**30 875**	**24 345**	**25 424**	**18 750**	**–**
Owner occupied (dollars)	46 414	46 780	46 012	44 833	46 131	85 044	45 104	41 500	26 250	–	–
Renter occupied (dollars)	25 835	26 086	26 298	26 669	26 151	23 250	20 362	23 155	25 234	18 750	–
Specified owner-occupied housing units	**491**	**437**	**315**	**85**	**230**	**20**	**102**	**54**	**11**	**–**	**–**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	415	361	245	51	194	14	102	54	11	–	–
Less than $200	–	–	–	–	–	–	–	–	–	–	–
$200 to $299	–	–	–	–	–	–	–	–	–	–	–
$300 to $399	11	–	–	–	–	–	–	11	11	–	–
$400 to $499	12	–	–	–	–	–	–	12	–	–	–
$500 to $599	–	–	–	–	–	–	–	–	–	–	–
$600 to $699	17	17	–	–	–	–	17	–	–	–	–
$700 to $799	13	5	–	–	–	–	5	8	–	–	–
$800 to $899	34	34	20	15	5	–	14	–	–	–	–
$900 to $999	34	28	22	8	14	–	6	6	–	–	–
$1,000 to $1,249	54	54	41	5	36	6	7	–	–	–	–
$1,250 to $1,499	86	81	58	–	58	–	23	5	–	–	–
$1,500 to $1,999	110	105	76	18	58	8	21	5	–	–	–
$2,000 or more	44	37	28	5	23	–	9	7	–	–	–
Median (dollars)	1 344	1 381	1 420	1 125	1 431	1 563	1 272	725	375	–	–
Mean (dollars)	1 390	1 460	1 519	1 364	1 560	1 374	1 332	922	355	–	–
Not mortgaged	76	76	70	34	36	6	–	–	–	–	–
Less than $100	12	12	12	–	12	–	–	–	–	–	–
$100 to $199	43	43	43	26	17	–	–	–	–	–	–
$200 to $299	13	13	7	–	7	6	–	–	–	–	–
$300 to $399	4	4	4	4	–	–	–	–	–	–	–
$400 to $499	4	4	4	4	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–	–	–
Median (dollars)	170	170	164	159	168	225	–	–	–	–	–
Mean (dollars)	176	176	173	211	136	213	–	–	–	–	–
Specified renter-occupied housing units	**6 461**	**6 125**	**5 830**	**1 633**	**4 197**	**62**	**233**	**336**	**225**	**26**	**–**
GROSS RENT											
Less than $100	–	–	–	–	–	–	–	–	–	–	–
$100 to $149	–	–	–	–	–	–	–	–	–	–	–
$150 to $199	45	33	33	33	–	–	–	12	12	–	–
$200 to $249	25	20	13	8	5	7	–	5	5	–	–
$250 to $299	35	35	35	35	–	–	–	–	–	–	–
$300 to $349	189	189	182	23	159	–	7	–	–	–	–
$350 to $399	264	264	264	27	237	–	–	–	–	–	–
$400 to $449	255	238	224	49	175	–	14	17	6	–	–
$450 to $499	181	171	166	53	113	5	–	10	10	–	–
$500 to $549	123	117	101	27	74	5	11	6	6	–	–
$550 to $599	123	123	113	55	58	–	10	–	–	–	–
$600 to $649	278	262	226	108	118	18	18	16	7	–	–
$650 to $699	415	377	352	106	246	–	25	38	30	–	–
$700 to $749	323	270	249	104	145	10	11	53	27	26	–
$750 to $999	1 385	1 343	1 243	458	785	11	89	42	36	–	–
$1,000 or more	424	424	370	132	238	6	48	–	–	–	–
No cash rent	2 396	2 259	2 259	415	1 844	–	–	137	86	–	–
Median (dollars)	715	719	715	741	698	639	808	694	689	725	–
Mean (dollars)	733	737	731	752	721	668	843	642	636	725	–

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Table 25. Social and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**1 624**	**1 367**	**950**	**549**	**401**	**97**	**320**	**257**	**80**	**7**	**16**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**60**	**49**	**35**	**29**	**6**	**9**	**5**	**11**	**6**	**–**	**–**
Owner occupied	24	19	19	13	6	–	–	5	–	–	–
1-person households	30	30	21	21	–	9	–	–	–	–	–
Built 1939 or earlier	10	4	4	4	–	–	–	6	6	–	–
Mean household income in 1989 (dollars)	20 703	20 237	21 227	16 433	44 400	15 000	22 738	22 779	19 012	–	–
Female householder, no husband present	21	21	21	21	–	–	–	–	–	–	–
Lacking complete plumbing facilities	4	4	4	4	–	–	–	–	–	–	–
No vehicle available	8	8	8	8	–	–	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–	–	–
1-person households	–	–	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**28**	**12**	**6**	**6**	**–**	**–**	**6**	**16**	**–**	**–**	**–**
Married-couple families	13	6	6	6	–	–	–	7	–	–	–
With own children under 18 years	7	–	–	–	–	–	–	7	–	–	–
Families with female householder	9	–	–	–	–	–	–	9	–	–	–
With own children under 18 years	9	–	–	–	–	–	–	9	–	–	–
Householder worked in 1989	16	–	–	–	–	–	–	16	–	–	–
With public assistance income	–	–	–	–	–	–	–	–	–	–	–
With Social Security income	6	6	–	–	–	–	6	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	–	–	–	–	–	–	–
No telephone in unit	16	–	–	–	–	–	–	16	–	–	–
1.01 or more persons per room	7	–	–	–	–	–	–	7	–	–	–
Renter-occupied housing units	**234**	**166**	**64**	**36**	**28**	**30**	**72**	**68**	**14**	**7**	**7**
Married-couple families	47	27	13	9	4	5	9	20	–	7	7
With own children under 18 years	38	18	9	5	4	–	9	20	–	7	7
Families with female householder	81	61	13	6	7	12	36	20	7	–	–
With own children under 18 years	81	61	13	6	7	12	36	20	7	–	–
Householder worked in 1989	126	84	38	18	20	20	26	42	14	7	7
With public assistance income	117	83	34	19	15	18	31	34	7	7	–
With Social Security income	22	15	12	12	–	–	3	7	7	–	–
Built 1939 or earlier	30	30	14	14	–	8	8	–	–	–	–
Lacking complete plumbing facilities	15	9	4	4	–	–	5	6	–	–	–
No vehicle available	48	48	23	15	8	–	25	–	–	–	–
No telephone in unit	37	18	5	5	–	–	13	19	–	–	–
1.01 or more persons per room	73	45	20	9	11	5	20	28	–	7	7
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**30 529**	**32 844**	**35 183**	**34 196**	**38 125**	**19 750**	**26 053**	**15 298**	**24 773**	**5 000–**	**20 278**
Owner occupied (dollars)	42 402	50 339	48 958	48 333	50 831	50 480	50 000	12 462	24 464	–	21 250
Renter occupied (dollars)	25 727	28 015	31 942	31 994	31 786	17 361	21 346	15 357	25 179	5 000–	16 250
Specified owner-occupied housing units	**263**	**205**	**127**	**68**	**59**	**–**	**78**	**58**	**–**	**–**	**9**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	180	166	88	47	41	–	78	14	–	–	–
Less than $200	–	–	–	–	–	–	–	–	–	–	–
$200 to $299	–	–	–	–	–	–	–	–	–	–	–
$300 to $399	11	6	–	–	–	–	6	5	–	–	–
$400 to $499	17	17	9	9	–	–	8	–	–	–	–
$500 to $599	18	9	–	–	–	–	9	9	–	–	–
$600 to $699	6	6	–	–	–	–	6	–	–	–	–
$700 to $799	–	–	–	–	–	–	–	–	–	–	–
$800 to $899	6	6	6	–	6	–	–	–	–	–	–
$900 to $999	30	30	9	9	–	–	21	–	–	–	–
$1,000 to $1,249	13	13	13	6	7	–	–	–	–	–	–
$1,250 to $1,499	28	28	21	6	15	–	7	–	–	–	–
$1,500 to $1,999	36	36	30	17	13	–	6	–	–	–	–
$2,000 or more	15	15	–	–	–	–	15	–	–	–	–
Median (dollars)	1 038	1 173	1 333	1 229	1 375	–	936	561	–	–	–
Mean (dollars)	1 145	1 198	1 288	1 243	1 340	–	1 097	507	–	–	–
Not mortgaged	83	39	39	21	18	–	–	44	–	–	9
Less than $100	37	–	–	–	–	–	–	37	–	–	9
$100 to $199	35	28	28	15	13	–	–	7	–	–	–
$200 to $299	11	11	11	6	5	–	–	–	–	–	–
$300 to $399	–	–	–	–	–	–	–	–	–	–	–
$400 to $499	–	–	–	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–	–	–
Median (dollars)	116	170	170	172	167	–	–	100–	–	–	100–
Mean (dollars)	130	177	177	192	159	–	–	89	–	–	94
Specified renter-occupied housing units	**1 197**	**1 030**	**709**	**393**	**316**	**87**	**234**	**167**	**69**	**7**	**–**
GROSS RENT											
Less than $100	13	13	13	5	8	–	–	–	–	–	–
$100 to $149	22	16	–	–	–	5	11	6	–	–	–
$150 to $199	16	3	–	–	–	–	3	13	6	–	–
$200 to $249	13	13	13	13	–	–	–	–	–	–	–
$250 to $299	9	–	–	–	–	–	–	9	–	–	–
$300 to $349	27	18	10	10	–	–	8	9	–	–	–
$350 to $399	43	28	14	3	11	–	14	15	7	–	–
$400 to $449	78	74	46	25	21	8	20	4	4	–	–
$450 to $499	27	27	18	–	18	9	–	–	–	–	–
$500 to $549	108	99	47	43	4	22	30	9	–	–	–
$550 to $599	79	79	66	55	11	–	13	–	–	–	–
$600 to $649	45	40	35	15	20	–	5	5	–	–	–
$650 to $699	63	56	25	25	–	–	31	7	7	–	–
$700 to $749	41	35	35	29	6	–	–	6	–	–	–
$750 to $999	292	265	168	56	112	33	64	27	9	7	–
$1,000 or more	164	145	104	77	27	10	31	19	19	–	–
No cash rent	157	119	115	37	78	–	4	38	17	–	–
Median (dollars)	682	691	714	668	795	549	668	547	806	875	–
Mean (dollars)	731	744	764	761	768	690	714	639	835	903	–

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Table 26. Social and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**202 865**	**183 779**	**143 340**	**90 564**	**52 776**	**16 657**	**23 782**	**19 086**	**10 704**	**2 385**	**1 137**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**50 306**	**44 517**	**34 750**	**25 640**	**9 110**	**4 777**	**4 990**	**5 789**	**3 553**	**734**	**338**
Owner occupied	37 119	32 685	25 032	17 434	7 598	3 782	3 871	4 434	2 840	483	303
1-person households	12 573	11 193	8 579	7 186	1 393	1 334	1 280	1 380	909	135	46
Built 1939 or earlier	7 045	5 515	4 031	3 407	624	706	778	1 530	932	282	54
Mean household income in 1989 (dollars)	39 638	41 005	42 852	42 508	43 819	33 518	35 313	29 125	27 922	26 559	47 785
Female householder, no husband present	14 637	13 166	10 351	8 414	1 937	1 442	1 373	1 471	906	182	21
Lacking complete plumbing facilities	450	351	208	164	44	14	129	99	46	18	5
No vehicle available	10 398	9 415	7 992	6 871	1 121	704	719	983	648	127	6
No telephone in unit	1 139	962	701	600	101	88	173	177	124	4	9
1-person households	834	732	508	457	51	77	147	102	71	4	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**3 960**	**3 287**	**2 115**	**1 367**	**748**	**415**	**757**	**673**	**314**	**83**	**36**
Married-couple families	1 319	1 047	647	363	284	114	286	272	121	18	20
With own children under 18 years	561	405	174	58	116	42	189	156	74	9	–
Families with female householder	636	549	324	181	143	91	134	87	34	11	11
With own children under 18 years	347	287	150	65	85	48	89	60	29	4	6
Householder worked in 1989	1 257	1 032	675	358	317	141	216	225	81	42	11
With public assistance income	515	400	174	107	67	72	154	115	81	4	–
With Social Security income	1 493	1 178	694	455	239	222	262	315	158	36	14
Built 1939 or earlier	345	217	100	100	–	21	96	128	93	7	5
Lacking complete plumbing facilities	87	35	15	8	7	–	20	52	16	16	5
No vehicle available	946	757	553	448	105	89	115	189	96	32	–
No telephone in unit	275	192	75	59	16	15	102	83	36	12	–
1.01 or more persons per room	609	475	276	145	131	65	134	134	47	17	–
Renter-occupied housing units	**13 842**	**12 378**	**9 199**	**7 179**	**2 020**	**1 243**	**1 936**	**1 464**	**757**	**125**	**26**
Married-couple families	3 668	3 220	2 381	1 779	602	196	643	448	168	85	15
With own children under 18 years	2 588	2 233	1 545	1 042	503	117	571	355	129	59	15
Families with female householder	3 951	3 522	2 274	1 408	866	481	767	429	218	6	–
With own children under 18 years	3 416	3 048	1 884	1 116	768	464	700	368	187	4	–
Householder worked in 1989	5 277	4 729	3 542	2 661	881	396	791	548	286	47	22
With public assistance income	5 222	4 544	3 042	2 090	952	518	984	678	341	25	4
With Social Security income	3 074	2 658	2 050	1 705	345	319	289	416	253	51	4
Built 1939 or earlier	1 103	761	475	401	74	96	190	342	138	42	13
Lacking complete plumbing facilities	508	361	238	211	27	14	109	147	62	–	3
No vehicle available	6 335	5 840	4 890	4 096	794	459	491	495	318	33	3
No telephone in unit	1 900	1 567	1 103	832	271	167	297	333	179	17	3
1.01 or more persons per room	4 616	4 185	3 129	2 310	819	221	835	431	171	50	14
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**40 579**	**41 546**	**42 877**	**37 938**	**51 135**	**35 845**	**37 689**	**31 380**	**32 127**	**29 449**	**39 003**
Owner occupied (dollars)	50 718	52 182	54 846	52 376	56 867	44 510	44 381	36 794	36 704	32 646	41 442
Renter occupied (dollars)	25 681	25 879	26 289	25 198	30 904	22 658	25 226	23 644	23 350	25 114	27 321
Specified owner-occupied housing units	**102 668**	**91 852**	**67 751**	**33 539**	**34 212**	**9 846**	**14 255**	**10 816**	**6 500**	**1 176**	**599**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	69 883	63 997	47 917	20 058	27 859	6 012	10 068	5 886	3 442	578	276
Less than $200	615	457	249	108	141	86	122	158	63	47	25
$200 to $299	2 701	2 276	1 459	486	973	356	461	425	230	55	14
$300 to $399	4 975	4 229	2 656	1 016	1 640	593	980	746	442	89	15
$400 to $499	5 357	4 600	2 830	1 194	1 636	472	1 298	757	497	53	37
$500 to $599	5 191	4 484	3 074	1 437	1 637	638	772	707	441	64	12
$600 to $699	4 769	4 113	2 728	1 273	1 455	563	822	656	391	47	23
$700 to $799	5 062	4 598	2 985	1 256	1 729	734	879	464	281	50	33
$800 to $899	4 517	4 117	2 822	1 134	1 688	616	679	400	275	42	20
$900 to $999	4 204	3 853	2 926	1 228	1 698	372	555	351	231	24	6
$1,000 to $1,249	9 988	9 456	7 096	2 509	4 587	767	1 593	532	334	26	52
$1,250 to $1,499	8 459	8 170	6 918	2 526	4 392	357	895	289	121	18	20
$1,500 to $1,999	8 811	8 573	7 526	3 068	4 458	315	732	238	76	31	–
$2,000 or more	5 234	5 071	4 648	2 823	1 825	143	280	163	60	32	19
Median (dollars)	940	981	1 079	1 089	1 073	740	763	628	616	578	732
Mean (dollars)	1 066	1 095	1 177	1 260	1 117	822	869	753	703	765	883
Not mortgaged	32 785	27 855	19 834	13 481	6 353	3 834	4 187	4 930	3 058	598	323
Less than $100	3 477	2 210	828	506	322	661	721	1 267	694	205	39
$100 to $199	19 178	16 312	11 270	7 002	4 268	2 510	2 532	2 866	1 942	292	165
$200 to $299	7 880	7 259	5 937	4 465	1 472	564	758	621	333	88	82
$300 to $399	1 517	1 419	1 224	1 000	224	80	115	98	52	2	23
$400 to $499	386	334	306	273	33	7	21	52	22	11	11
$500 or more	347	321	269	235	34	12	40	26	15	–	3
Median (dollars)	168	174	184	191	169	144	149	134	134	130	178
Mean (dollars)	182	188	200	210	177	153	162	147	146	139	195
Specified renter-occupied housing units	**74 079**	**67 372**	**53 639**	**41 554**	**12 085**	**5 794**	**7 939**	**6 707**	**3 489**	**1 056**	**163**
GROSS RENT											
Less than $100	1 518	1 156	831	641	190	97	228	362	177	81	–
$100 to $149	2 599	2 038	1 460	1 174	286	266	312	561	206	171	–
$150 to $199	2 505	1 998	1 540	1 203	337	284	174	507	281	105	17
$200 to $249	2 352	1 863	1 342	1 084	258	243	278	489	235	86	–
$250 to $299	3 166	2 816	2 287	1 947	340	210	319	350	229	50	6
$300 to $349	3 824	3 482	2 654	2 175	479	425	403	342	184	50	11
$350 to $399	4 049	3 652	2 771	2 275	496	530	351	397	241	78	–
$400 to $449	4 434	4 105	3 291	2 572	719	465	349	329	212	31	–
$450 to $499	4 743	4 389	3 494	2 862	632	450	445	354	190	61	–
$500 to $549	5 607	5 268	4 373	3 684	689	327	568	339	163	26	2
$550 to $599	4 746	4 400	3 572	2 871	701	405	423	346	192	47	12
$600 to $649	4 319	4 111	3 311	2 645	666	354	446	208	113	37	–
$650 to $699	4 805	4 561	3 857	3 193	664	300	404	244	129	13	7
$700 to $749	3 870	3 685	3 130	2 527	603	179	376	185	129	5	13
$750 to $999	10 629	10 225	8 168	5 836	2 332	489	1 568	404	239	35	14
$1,000 or more	5 255	5 120	4 275	2 799	1 476	289	556	135	93	23	–
No cash rent	5 658	4 503	3 283	2 066	1 217	481	739	1 155	476	157	81
Median (dollars)	545	558	566	552	623	464	570	374	391	276	571
Mean (dollars)	579	593	602	585	666	504	598	411	433	333	497

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Table 27. Social and Financial Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**19 344**	**16 605**	**11 402**	**5 318**	**6 084**	**1 485**	**3 718**	**2 739**	**1 401**	**331**	**74**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**2 163**	**1 819**	**1 324**	**856**	**468**	**159**	**336**	**344**	**210**	**60**	**–**
Owner occupied	1 213	1 028	702	368	334	92	234	185	124	15	–
1-person households	635	559	411	322	89	57	91	76	42	13	–
Built 1939 or earlier	309	243	160	112	48	48	35	66	29	13	–
Mean household income in 1989 (dollars)	29 659	30 122	32 014	30 212	35 309	25 058	25 066	27 208	31 467	16 209	–
Female householder, no husband present	597	517	370	270	100	50	97	80	70	4	–
Lacking complete plumbing facilities	26	11	11	11	–	–	–	15	7	–	–
No vehicle available	615	575	492	394	98	35	48	40	24	8	–
No telephone in unit	65	45	42	31	11	–	3	20	12	–	–
1-person households	50	42	42	31	11	–	–	8	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**383**	**324**	**155**	**79**	**76**	**51**	**118**	**59**	**21**	**15**	**–**
Married-couple families	128	116	32	13	19	22	62	12	6	–	–
With own children under 18 years	29	29	–	–	–	–	29	–	–	–	–
Families with female householder	104	97	42	17	25	24	31	7	7	–	–
With own children under 18 years	88	81	33	17	16	24	24	7	7	–	–
Householder worked in 1989	162	137	73	38	35	33	31	25	–	15	–
With public assistance income	65	52	27	–	27	4	21	13	13	–	–
With Social Security income	119	98	52	18	34	18	28	21	8	–	–
Built 1939 or earlier	17	10	–	–	–	5	5	7	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	54	47	28	5	23	14	5	7	7	–	–
No telephone in unit	11	11	–	–	–	–	11	–	–	–	–
1.01 or more persons per room	82	82	49	17	32	9	24	–	–	–	–
Renter-occupied housing units	**2 373**	**2 014**	**1 299**	**723**	**576**	**269**	**446**	**359**	**184**	**26**	**14**
Married-couple families	462	381	266	141	125	49	66	81	27	15	7
With own children under 18 years	312	254	189	64	125	23	42	58	27	–	7
Families with female householder	1 061	922	523	203	320	94	305	139	79	6	–
With own children under 18 years	977	857	492	176	316	94	271	120	60	6	–
Householder worked in 1989	951	809	526	225	301	142	141	142	83	–	14
With public assistance income	1 066	879	584	312	272	107	188	187	99	11	7
With Social Security income	426	340	228	183	45	40	72	86	42	20	–
Built 1939 or earlier	184	123	78	58	20	16	29	61	32	11	7
Lacking complete plumbing facilities	89	57	49	34	15	–	8	32	16	6	7
No vehicle available	927	807	596	391	205	90	121	120	87	–	–
No telephone in unit	357	288	204	136	68	28	56	69	30	–	7
1.01 or more persons per room	675	595	341	181	160	69	185	80	8	–	7
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**31 176**	**31 677**	**32 128**	**31 636**	**32 441**	**26 401**	**32 593**	**27 622**	**26 580**	**38 828**	**16 154**
Owner occupied (dollars)	45 307	46 758	51 813	52 756	51 569	37 283	40 656	40 924	40 236	42 500	29 375
Renter occupied (dollars)	23 542	24 042	24 201	25 105	23 604	20 957	25 156	21 235	21 031	30 104	11 976
Specified owner-occupied housing units	**5 854**	**4 856**	**2 762**	**966**	**1 796**	**452**	**1 642**	**998**	**507**	**120**	**6**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	4 469	3 739	2 160	625	1 535	318	1 261	730	367	71	–
Less than $200	24	24	19	19	–	–	5	–	–	–	–
$200 to $299	137	98	36	5	31	5	57	39	27	5	–
$300 to $399	293	217	82	14	68	23	112	76	18	–	–
$400 to $499	399	303	122	31	91	19	162	96	57	–	–
$500 to $599	273	197	80	19	61	58	59	76	32	15	–
$600 to $699	372	279	119	45	74	26	134	93	50	15	–
$700 to $799	238	202	118	28	90	14	70	36	28	3	–
$800 to $899	303	256	102	18	84	24	130	47	35	–	–
$900 to $999	265	218	111	23	88	35	72	47	41	–	–
$1,000 to $1,249	770	653	457	99	358	35	161	117	37	26	–
$1,250 to $1,499	575	529	333	111	222	54	142	46	18	–	–
$1,500 to $1,999	552	514	372	124	248	20	122	38	20	–	–
$2,000 or more	268	249	209	89	120	5	35	19	4	7	–
Median (dollars)	973	1 029	1 159	1 276	1 126	832	824	679	699	708	–
Mean (dollars)	1 050	1 092	1 217	1 367	1 156	925	920	835	775	1 209	–
Not mortgaged	1 385	1 117	602	341	261	134	381	268	140	49	6
Less than $100	246	151	16	11	5	36	99	95	42	28	–
$100 to $199	735	584	321	151	170	71	192	151	98	14	6
$200 to $299	306	288	221	152	69	–	67	18	–	7	–
$300 to $399	69	65	35	18	17	14	16	4	–	–	–
$400 to $499	13	13	–	–	–	13	–	–	–	–	–
$500 or more	16	16	9	9	–	–	7	–	–	–	–
Median (dollars)	162	171	190	204	176	152	146	126	126	100–	175
Mean (dollars)	173	183	196	210	179	173	166	131	127	105	160
Specified renter-occupied housing units	**12 149**	**10 560**	**7 741**	**3 925**	**3 816**	**965**	**1 854**	**1 589**	**847**	**181**	**49**
GROSS RENT											
Less than $100	197	152	84	62	22	7	61	45	14	–	–
$100 to $149	408	325	189	136	53	62	74	83	45	20	–
$150 to $199	349	282	168	113	55	57	57	67	32	12	7
$200 to $249	304	246	175	126	49	35	36	58	25	21	–
$250 to $299	371	325	217	179	38	51	57	46	33	–	–
$300 to $349	372	315	246	134	112	33	36	57	44	13	–
$350 to $399	517	453	318	125	193	78	57	64	22	22	–
$400 to $449	455	411	321	147	174	41	49	44	27	–	–
$450 to $499	694	588	390	234	156	113	85	106	50	6	17
$500 to $549	685	554	399	231	168	45	110	131	51	9	–
$550 to $599	786	738	509	346	163	38	191	48	34	–	–
$600 to $649	698	623	420	248	172	50	153	75	45	–	–
$650 to $699	741	670	474	282	192	81	115	71	27	–	–
$700 to $749	667	576	460	299	161	34	82	91	68	–	6
$750 to $999	2 396	2 107	1 561	691	870	141	405	289	163	57	5
$1,000 or more	993	944	634	303	331	70	240	49	36	5	–
No cash rent	1 516	1 251	1 176	269	907	29	46	265	131	16	14
Median (dollars)	613	621	632	599	676	496	630	535	572	390	490
Mean (dollars)	635	647	655	620	698	549	669	555	586	498	493

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Table 28. Social and Financial Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Occupied housing units	**132 781**	**114 770**	**83 804**	**50 147**	**33 657**	**8 283**	**22 683**	**18 011**	**7 790**	**2 771**	**768**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**22 173**	**19 118**	**13 891**	**11 222**	**2 669**	**1 917**	**3 310**	**3 055**	**1 332**	**656**	**90**
Owner occupied	15 286	12 978	9 144	7 117	2 027	1 333	2 501	2 308	1 025	485	84
1-person households	9 115	7 933	5 790	5 006	784	949	1 194	1 182	519	259	7
Built 1939 or earlier	1 827	1 479	1 049	1 002	47	176	254	348	218	66	5
Mean household income in 1989 (dollars)	43 264	44 397	47 029	47 504	45 033	29 459	42 001	36 173	38 760	36 013	41 937
Female householder, no husband present	8 068	7 192	5 262	4 466	796	903	1 027	876	413	135	7
Lacking complete plumbing facilities	47	28	13	13	–	–	15	19	–	–	–
No vehicle available	4 725	4 408	3 609	3 257	352	453	346	317	191	72	–
No telephone in unit	382	279	181	163	18	20	78	103	35	26	–
1-person households	316	238	178	163	15	20	40	78	30	13	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**2 354**	**1 652**	**866**	**722**	**144**	**191**	**595**	**702**	**166**	**80**	**25**
Married-couple families	782	530	227	169	58	84	219	252	53	25	14
With own children under 18 years	348	201	71	54	17	29	101	147	28	14	14
Families with female householder	194	128	41	35	6	19	68	66	21	–	–
With own children under 18 years	133	94	27	27	–	16	51	39	13	–	–
Householder worked in 1989	891	557	262	213	49	51	244	334	42	40	18
With public assistance income	264	148	37	31	6	24	87	116	14	25	7
With Social Security income	791	580	310	261	49	79	191	211	55	36	7
Built 1939 or earlier	268	167	114	108	6	18	35	101	63	16	–
Lacking complete plumbing facilities	177	74	3	3	–	–	71	103	15	19	–
No vehicle available	338	289	225	197	28	35	29	49	19	7	–
No telephone in unit	150	86	13	13	–	8	65	64	–	14	–
1.01 or more persons per room	198	98	45	32	13	8	45	100	7	14	13
Renter-occupied housing units	**6 991**	**5 698**	**3 455**	**2 319**	**1 136**	**807**	**1 436**	**1 293**	**590**	**183**	**45**
Married-couple families	1 389	1 201	727	184	543	126	348	188	108	6	–
With own children under 18 years	1 071	941	605	120	485	115	221	130	86	6	–
Families with female householder	1 511	1 210	554	295	259	257	399	301	123	29	7
With own children under 18 years	1 411	1 136	512	257	255	253	371	275	101	25	7
Householder worked in 1989	3 505	2 838	1 797	1 111	686	293	748	667	297	96	32
With public assistance income	2 074	1 675	812	540	272	417	446	399	177	48	17
With Social Security income	1 242	1 053	637	494	143	206	210	189	96	17	–
Built 1939 or earlier	543	382	237	215	22	45	100	161	66	37	23
Lacking complete plumbing facilities	277	100	38	22	16	7	55	177	57	9	32
No vehicle available	1 987	1 793	1 315	1 134	181	235	243	194	125	20	–
No telephone in unit	743	460	254	196	58	86	120	283	116	6	16
1.01 or more persons per room	985	796	410	195	215	163	223	189	70	30	–
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**37 677**	**39 000**	**40 277**	**40 552**	**39 878**	**32 510**	**37 412**	**31 825**	**32 246**	**33 622**	**34 900**
Owner occupied (dollars)	50 548	52 467	57 704	57 775	57 617	38 133	43 961	38 069	40 287	38 824	37 656
Renter occupied (dollars)	30 650	31 080	31 308	31 325	31 291	26 934	31 088	27 488	27 781	29 842	28 565
Specified owner-occupied housing units	**40 999**	**33 995**	**21 285**	**11 916**	**9 369**	**2 897**	**9 813**	**7 004**	**2 787**	**934**	**387**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	29 911	25 987	16 942	8 803	8 139	1 795	7 250	3 924	1 607	543	232
Less than $200	216	140	61	47	14	30	49	76	42	19	8
$200 to $299	614	446	257	87	170	46	143	168	61	30	5
$300 to $399	1 482	1 173	596	272	324	128	449	309	129	31	17
$400 to $499	1 631	1 289	692	295	397	84	513	342	100	70	24
$500 to $599	1 544	1 235	652	365	287	159	424	309	70	50	9
$600 to $699	1 590	1 277	689	322	367	106	482	313	145	35	14
$700 to $799	1 699	1 375	754	392	362	138	483	324	140	46	31
$800 to $899	1 613	1 350	735	329	406	100	515	263	106	49	12
$900 to $999	1 606	1 432	747	339	408	134	551	174	91	–	14
$1,000 to $1,249	3 804	3 381	2 158	1 016	1 142	225	998	423	200	38	39
$1,250 to $1,499	4 217	3 836	2 471	928	1 543	272	1 093	381	188	25	30
$1,500 to $1,999	5 148	4 699	3 543	1 744	1 799	224	932	449	230	60	7
$2,000 or more	4 747	4 354	3 587	2 667	920	149	618	393	105	90	22
Median (dollars)	1 195	1 242	1 364	1 503	1 281	979	1 004	839	910	785	875
Mean (dollars)	1 334	1 374	1 513	1 718	1 292	1 105	1 115	1 071	1 034	1 171	1 099
Not mortgaged	11 088	8 008	4 343	3 113	1 230	1 102	2 563	3 080	1 180	391	155
Less than $100	1 696	757	86	45	41	216	455	939	217	130	18
$100 to $199	4 968	3 569	1 790	1 100	690	618	1 161	1 399	664	186	75
$200 to $299	2 722	2 263	1 442	1 098	344	220	601	459	217	44	33
$300 to $399	909	767	532	427	105	28	207	142	42	18	7
$400 to $499	350	264	200	163	37	8	56	86	26	13	16
$500 or more	443	388	293	280	13	12	83	55	14	–	6
Median (dollars)	177	192	218	234	185	148	167	133	148	120	182
Mean (dollars)	206	224	255	276	203	164	196	160	168	140	223
Specified renter-occupied housing units	**73 334**	**64 664**	**49 723**	**28 627**	**21 096**	**4 363**	**10 578**	**8 670**	**4 177**	**1 285**	**120**
GROSS RENT											
Less than $100	396	238	162	121	41	36	40	158	86	13	6
$100 to $149	707	567	365	245	120	117	85	140	84	40	–
$150 to $199	694	491	239	197	42	96	156	203	98	44	6
$200 to $249	569	491	292	252	40	68	131	78	27	23	–
$250 to $299	966	754	451	305	146	146	157	212	113	38	5
$300 to $349	1 480	1 230	747	526	221	242	241	250	123	24	4
$350 to $399	2 171	1 731	1 193	657	536	247	291	440	217	72	7
$400 to $449	2 466	2 188	1 623	1 005	618	214	351	278	95	46	6
$450 to $499	2 716	2 399	1 722	1 196	526	306	371	317	100	79	–
$500 to $549	2 883	2 526	1 689	1 370	319	281	556	357	89	48	10
$550 to $599	3 110	2 756	1 956	1 470	486	236	564	354	161	46	–
$600 to $649	3 174	2 893	2 203	1 706	497	264	426	281	109	27	–
$650 to $699	3 564	3 287	2 530	1 774	756	166	591	277	178	23	–
$700 to $749	4 189	3 789	2 835	2 059	776	228	726	400	171	97	12
$750 to $999	17 280	15 389	11 453	6 690	4 763	901	3 035	1 891	1 052	328	7
$1,000 or more	14 387	13 274	10 384	6 311	4 073	637	2 253	1 113	595	191	15
No cash rent	12 582	10 661	9 879	2 743	7 136	178	604	1 921	879	146	42
Median (dollars)	769	777	792	752	847	620	775	704	749	724	525
Mean (dollars)	807	819	836	813	879	676	808	715	740	714	605

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Table 29. Household Income Characteristics of Housing Units With a White Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units	**42 661**	**35 422**	**22 071**	**12 344**	**9 727**	**3 068**	**10 283**	**7 239**	**2 880**	**985**	**387**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	42 661	35 422	22 071	12 344	9 727	3 068	10 283	7 239	2 880	985	387
Less than 10 percent	10 786	8 410	5 169	3 286	1 883	879	2 362	2 376	884	355	96
10 to 14 percent	5 747	4 644	2 772	1 594	1 178	507	1 365	1 103	485	102	76
15 to 19 percent	5 665	4 763	2 980	1 554	1 426	408	1 375	902	382	133	43
20 to 24 percent	4 828	4 160	2 645	1 338	1 307	295	1 220	668	332	85	29
25 to 29 percent	4 281	3 694	2 365	1 161	1 204	258	1 071	587	184	74	25
30 to 34 percent	3 122	2 723	1 957	952	1 005	146	620	399	196	43	18
35 to 49 percent	4 536	4 080	2 631	1 450	1 181	246	1 203	456	136	108	33
50 percent or more	3 402	2 776	1 468	940	528	310	998	626	220	68	67
Not computed	294	172	84	69	15	19	69	122	61	17	–
Median	19.1	19.8	20.1	19.0	21.4	16.7	20.0	15.4	15.5	16.0	17.5
Less than $20,000	5 835	4 083	1 652	1 079	573	751	1 680	1 752	592	249	73
Less than 20 percent	2 641	1 679	586	335	251	390	703	962	359	145	23
20 to 24 percent	385	304	151	100	51	62	91	81	33	7	–
25 to 29 percent	297	206	86	70	16	23	97	91	6	6	–
30 to 34 percent	242	158	110	61	49	–	48	84	41	–	7
35 percent or more	2 017	1 564	635	444	191	257	672	453	119	81	43
Not computed	253	172	84	69	15	19	69	81	34	10	–
Median	21.9	24.5	27.7	30.0	22.7	18.6	25.6	16.4	14.6	16.1	50.0+
$20,000 to $34,999	6 349	4 753	2 178	1 210	968	618	1 957	1 596	600	256	109
Less than 20 percent	3 279	2 265	992	643	349	406	867	1 014	383	158	71
20 to 24 percent	520	454	164	102	62	22	268	66	22	24	–
25 to 29 percent	486	345	134	77	57	38	173	141	53	12	7
30 to 34 percent	312	224	127	48	79	6	91	88	49	9	5
35 percent or more	1 730	1 465	761	340	421	146	558	265	71	53	26
Not computed	22	–	–	–	–	–	–	22	22	–	–
Median	19.0	21.2	23.0	18.2	31.0	11.7	22.1	13.4	12.8	15.2	12.5
$35,000 to $49,999	7 802	6 344	3 478	1 735	1 743	626	2 240	1 458	637	101	60
Less than 20 percent	3 590	2 712	1 577	927	650	342	793	878	336	61	37
20 to 24 percent	774	588	253	128	125	67	268	186	83	21	8
25 to 29 percent	676	546	224	86	138	60	262	130	50	14	–
30 to 34 percent	780	684	413	135	278	60	211	96	59	–	6
35 percent or more	1 982	1 814	1 011	459	552	97	706	168	109	5	9
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	22.0	23.9	23.2	18.2	28.5	18.9	26.1	16.6	18.9	17.7	16.1
$50,000 or more	22 675	20 242	14 763	8 320	6 443	1 073	4 406	2 433	1 051	379	145
Less than 20 percent	12 688	11 161	7 766	4 529	3 237	656	2 739	1 527	673	226	84
20 to 24 percent	3 149	2 814	2 077	1 008	1 069	144	593	335	194	33	21
25 to 29 percent	2 822	2 597	1 921	928	993	137	539	225	75	42	18
30 to 34 percent	1 788	1 657	1 307	708	599	80	270	131	47	34	–
35 percent or more	2 209	2 013	1 692	1 147	545	56	265	196	57	37	22
Not computed	19	–	–	–	–	–	–	19	5	7	–
Median	18.1	18.4	19.2	18.4	19.9	16.2	16.9	15.7	16.2	15.7	17.1
Specified renter-occupied housing units	**77 176**	**67 890**	**52 091**	**29 932**	**22 159**	**4 621**	**11 178**	**9 286**	**4 460**	**1 352**	**151**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	77 176	67 890	52 091	29 932	22 159	4 621	11 178	9 286	4 460	1 352	151
Less than 10 percent	2 397	1 911	1 270	940	330	130	511	486	135	139	9
10 to 14 percent	5 145	4 494	3 209	2 158	1 051	381	904	651	360	79	10
15 to 19 percent	8 529	7 587	5 637	3 728	1 909	552	1 398	942	471	182	–
20 to 24 percent	8 898	7 888	5 884	3 970	1 914	650	1 354	1 010	513	186	13
25 to 29 percent	8 306	7 546	5 688	3 627	2 061	642	1 216	760	364	167	4
30 to 34 percent	6 375	5 815	4 506	2 884	1 622	422	887	560	299	34	8
35 to 49 percent	11 455	10 184	7 502	4 449	3 053	799	1 883	1 271	629	216	14
50 percent or more	12 287	10 811	7 782	5 095	2 687	804	2 225	1 476	725	172	37
Not computed	13 784	11 654	10 613	3 081	7 532	241	800	2 130	964	177	56
Median	29.0	29.1	29.2	28.6	30.1	28.7	29.2	28.2	28.7	25.0	36.3
Less than $10,000	7 634	6 371	4 000	3 088	912	911	1 460	1 263	615	174	29
Less than 20 percent	189	120	94	69	25	15	11	69	61	–	–
20 to 24 percent	217	192	150	94	56	20	22	25	25	–	–
25 to 29 percent	426	366	228	172	56	95	43	60	38	22	–
30 to 34 percent	280	211	135	135	–	52	24	69	69	–	–
35 percent or more	5 319	4 565	2 902	2 281	621	641	1 022	754	313	115	19
Not computed	1 203	917	491	337	154	88	338	286	109	37	10
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	47.9	50.0+	50.0+
$10,000 to $19,999	14 033	12 225	9 440	5 152	4 288	860	1 925	1 808	897	184	43
Less than 20 percent	413	321	167	141	26	51	103	92	42	10	–
20 to 24 percent	414	330	252	183	69	39	39	84	28	24	–
25 to 29 percent	816	730	510	309	201	105	115	86	49	14	–
30 to 34 percent	931	743	546	321	225	51	146	188	85	–	–
35 percent or more	8 115	7 241	5 286	3 446	1 840	567	1 388	874	451	78	24
Not computed	3 344	2 860	2 679	752	1 927	47	134	484	242	58	19
Median	48.5	48.8	49.9	49.3	50.0+	42.8	48.6	45.5	49.4	38.9	50.0+
$20,000 to $34,999	23 338	20 299	16 211	8 581	7 630	1 180	2 908	3 039	1 469	429	31
Less than 20 percent	2 307	1 835	1 258	661	597	196	381	472	195	123	–
20 to 24 percent	2 293	1 981	1 381	1 005	376	255	345	312	127	42	6
25 to 29 percent	2 544	2 319	1 713	1 312	401	222	384	225	93	45	4
30 to 34 percent	2 912	2 730	2 227	1 545	682	184	319	182	101	18	8
35 percent or more	8 123	7 144	5 509	2 980	2 529	264	1 371	979	507	161	–
Not computed	5 159	4 290	4 123	1 078	3 045	59	108	869	446	40	13
Median	33.3	33.4	33.8	32.5	37.0	27.5	34.5	32.1	34.8	28.3	28.8
$35,000 or more	32 171	28 995	22 440	13 111	9 329	1 670	4 885	3 176	1 479	565	48
Less than 20 percent	13 162	11 716	8 597	5 955	2 642	801	2 318	1 446	668	267	19
20 to 24 percent	5 974	5 385	4 101	2 688	1 413	336	948	589	333	120	7
25 to 29 percent	4 520	4 131	3 237	1 834	1 403	220	674	389	184	86	–
30 to 34 percent	2 252	2 131	1 598	883	715	135	398	121	44	16	–
35 percent or more	2 185	2 045	1 587	837	750	131	327	140	83	34	8
Not computed	4 078	3 587	3 320	914	2 406	47	220	491	167	42	14
Median	20.7	20.9	21.2	20.3	22.9	20.2	20.1	19.2	19.8	19.8	14.0

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Table 30. Household Income Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
			Inside urbanized area			Outside urbanized area					
		Total	Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999	Total	Place of 1,000 to 2,499	Place of less than 1,000	
Specified owner-occupied housing units	**491**	**437**	**315**	**85**	**230**	**20**	**102**	**54**	**11**	**–**	**–**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	491	437	315	85	230	20	102	54	11	–	–
Less than 10 percent	52	52	46	14	32	6	–	–	–	–	–
10 to 14 percent	51	46	26	20	6	8	12	5	–	–	–
15 to 19 percent	62	43	32	20	12	6	5	19	11	–	–
20 to 24 percent	79	79	46	7	39	–	33	–	–	–	–
25 to 29 percent	57	52	46	–	46	–	6	5	–	–	–
30 to 34 percent	41	41	23	–	23	–	18	–	–	–	–
35 to 49 percent	73	55	42	16	26	–	13	18	–	–	–
50 percent or more	60	60	45	8	37	–	15	–	–	–	–
Not computed	16	9	9	–	9	–	–	7	–	–	–
Median	24.6	24.6	25.3	17.1	27.3	12.5	25.8	19.9	17.5	–	–
Less than $20,000	52	45	45	28	17	–	–	7	–	–	–
Less than 20 percent	20	20	20	20	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	16	16	16	8	8	–	–	–	–	–	–
Not computed	16	9	9	–	9	–	–	7	–	–	–
Median	18.0	18.0	18.0	14.7	50.0+	–	–	–	–	–	–
$20,000 to $34,999	64	47	19	–	19	–	28	17	11	–	–
Less than 20 percent	23	12	12	–	12	–	–	11	11	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	41	35	7	–	7	–	28	6	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	38.5	47.5	10.0–	–	10.0–	–	50.0+	18.9	17.5	–	–
$35,000 to $49,999	97	87	54	5	49	–	33	10	–	–	–
Less than 20 percent	10	5	–	–	–	–	5	5	–	–	–
20 to 24 percent	33	33	14	–	14	–	19	–	–	–	–
25 to 29 percent	8	8	8	–	8	–	–	–	–	–	–
30 to 34 percent	9	9	–	–	–	–	9	–	–	–	–
35 percent or more	37	32	32	5	27	–	–	5	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	28.4	28.4	37.1	45.0	36.0	–	23.0	27.5	–	–	–
$50,000 or more	278	258	197	52	145	20	41	20	–	–	–
Less than 20 percent	112	104	72	34	38	20	12	8	–	–	–
20 to 24 percent	46	46	32	7	25	–	14	–	–	–	–
25 to 29 percent	49	44	38	–	38	–	6	5	–	–	–
30 to 34 percent	32	32	23	–	23	–	9	–	–	–	–
35 percent or more	39	32	32	11	21	–	–	7	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	22.9	22.7	24.1	17.3	26.3	12.5	23.0	27.0	–	–	–
Specified renter-occupied housing units	**6 461**	**6 125**	**5 830**	**1 633**	**4 197**	**62**	**233**	**336**	**225**	**26**	**–**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	6 461	6 125	5 830	1 633	4 197	62	233	336	225	26	–
Less than 10 percent	102	90	90	34	56	–	–	12	12	–	–
10 to 14 percent	268	268	268	60	208	–	–	–	–	–	–
15 to 19 percent	437	419	389	135	254	18	12	18	18	–	–
20 to 24 percent	442	418	400	153	247	–	18	24	13	–	–
25 to 29 percent	513	479	464	174	290	11	4	34	34	–	–
30 to 34 percent	474	442	384	119	265	5	53	32	15	–	–
35 to 49 percent	922	872	831	197	634	10	31	50	24	26	–
50 percent or more	883	854	721	327	394	18	115	29	23	–	–
Not computed	2 420	2 283	2 283	434	1 849	–	–	137	86	–	–
Median	32.7	32.8	32.1	31.8	32.2	32.0	48.8	31.8	28.9	45.0	–
Less than $10,000	330	318	259	119	140	7	52	12	12	–	–
Less than 20 percent	–	–	–	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	13	13	13	8	5	–	–	–	–	–	–
30 to 34 percent	5	–	–	–	–	–	–	5	5	–	–
35 percent or more	275	268	209	92	117	7	52	7	7	–	–
Not computed	37	37	37	19	18	–	–	–	–	–	–
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	–	–
$10,000 to $19,999	1 818	1 706	1 647	460	1 187	–	59	112	52	26	–
Less than 20 percent	12	12	12	12	–	–	–	–	–	–	–
20 to 24 percent	49	49	42	23	19	–	7	–	–	–	–
25 to 29 percent	105	105	105	16	89	–	–	–	–	–	–
30 to 34 percent	100	100	100	21	79	–	–	–	–	–	–
35 percent or more	815	767	715	279	436	–	52	48	16	26	–
Not computed	737	673	673	109	564	–	–	64	36	–	–
Median	48.6	48.5	47.6	50.0+	45.5	–	50.0+	49.2	50.0+	45.0	–
$20,000 to $34,999	2 687	2 493	2 394	579	1 815	31	68	194	147	–	–
Less than 20 percent	267	245	245	46	199	–	–	22	22	–	–
20 to 24 percent	135	111	106	39	67	–	5	24	13	–	–
25 to 29 percent	272	244	239	126	113	5	–	28	28	–	–
30 to 34 percent	234	207	181	62	119	5	21	27	10	–	–
35 percent or more	623	599	536	142	394	21	42	24	24	–	–
Not computed	1 156	1 087	1 087	164	923	–	–	69	50	–	–
Median	32.0	32.5	31.8	29.9	32.8	37.7	37.1	27.9	27.4	–	–
$35,000 or more	1 626	1 608	1 530	475	1 055	24	54	18	14	–	–
Less than 20 percent	528	520	490	171	319	18	12	8	8	–	–
20 to 24 percent	258	258	252	91	161	–	6	–	–	–	–
25 to 29 percent	123	117	107	24	83	6	4	6	6	–	–
30 to 34 percent	135	135	103	36	67	–	32	–	–	–	–
35 percent or more	92	92	92	11	81	–	–	–	–	–	–
Not computed	490	486	486	142	344	–	–	4	–	–	–
Median	20.8	20.8	20.6	19.8	21.1	18.3	30.8	19.4	19.4	–	–

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Table 31. **Household Income Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units	**263**	**205**	**127**	**68**	**59**	**–**	**78**	**58**	**–**	**–**	**9**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	263	205	127	68	59	–	78	58	–	–	9
Less than 10 percent	73	38	30	17	13	–	8	35	–	–	9
10 to 14 percent	46	37	12	7	5	–	25	9	–	–	–
15 to 19 percent	21	16	16	9	7	–	–	5	–	–	–
20 to 24 percent	21	12	6	–	6	–	6	9	–	–	–
25 to 29 percent	35	35	28	6	22	–	7	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 to 49 percent	25	25	6	–	6	–	19	–	–	–	–
50 percent or more	42	42	29	29	–	–	13	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	18.0	24.8	24.6	25.8	23.8	–	25.0	10.0–	–	–	10.0–
Less than $20,000	53	25	19	19	–	–	6	28	–	–	–
Less than 20 percent	35	7	7	7	–	–	–	28	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	18	18	12	12	–	–	6	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	12.3	39.6	50.0+	50.0+	–	–	37.5	10.0–	–	–	–
$20,000 to $34,999	39	16	5	–	5	–	11	23	–	–	9
Less than 20 percent	19	5	5	–	5	–	–	14	–	–	9
20 to 24 percent	15	6	–	–	–	–	6	9	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	5	5	–	–	–	–	5	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	20.2	22.5	12.5	–	12.5	–	24.6	17.5	–	–	10.0–
$35,000 to $49,999	70	63	41	23	18	–	22	7	–	–	–
Less than 20 percent	13	6	6	–	6	–	–	7	–	–	–
20 to 24 percent	6	6	6	–	6	–	–	–	–	–	–
25 to 29 percent	13	13	6	6	–	–	7	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	38	38	23	17	6	–	15	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	37.5	40.7	37.1	50.0+	22.5	–	45.7	10.0–	–	–	–
$50,000 or more	101	101	62	26	36	–	39	–	–	–	–
Less than 20 percent	73	73	40	26	14	–	33	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	22	22	22	–	22	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	6	6	–	–	–	–	6	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	13.7	13.7	17.2	10.0–	25.9	–	12.3	–	–	–	–
Specified renter-occupied housing units	**1 197**	**1 030**	**709**	**393**	**316**	**87**	**234**	**167**	**69**	**7**	**–**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	1 197	1 030	709	393	316	87	234	167	69	7	–
Less than 10 percent	51	51	45	29	16	–	6	–	–	–	–
10 to 14 percent	107	86	54	35	19	7	25	21	6	–	–
15 to 19 percent	62	45	40	14	26	–	5	17	7	–	–
20 to 24 percent	135	126	105	64	41	13	8	9	9	–	–
25 to 29 percent	105	86	60	44	16	5	21	19	19	–	–
30 to 34 percent	137	122	70	40	30	13	39	15	–	–	–
35 to 49 percent	137	137	89	45	44	9	39	–	–	–	–
50 percent or more	285	243	131	85	46	40	72	42	11	7	–
Not computed	178	134	115	37	78	–	19	44	17	–	–
Median	31.8	32.2	29.4	29.1	30.2	38.1	37.5	28.8	26.1	50.0+	–
Less than $10,000	219	167	71	56	15	35	61	52	11	7	–
Less than 20 percent	10	10	5	5	–	–	5	–	–	–	–
20 to 24 percent	8	8	8	–	8	–	–	–	–	–	–
25 to 29 percent	5	5	–	–	–	5	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	160	129	58	51	7	30	41	31	11	7	–
Not computed	36	15	–	–	–	–	15	21	–	–	–
Median	50.0+	50.0+	50.0+	50.0+	24.7	50.0+	50.0+	50.0+	50.0+	50.0+	–
$10,000 to $19,999	259	202	135	55	80	14	53	57	19	–	–
Less than 20 percent	18	–	–	–	–	–	–	18	6	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	9	9	9	5	4	–	–	–	–	–	–
30 to 34 percent	29	20	8	–	8	–	12	9	–	–	–
35 percent or more	160	149	98	43	55	14	37	11	–	–	–
Not computed	43	24	20	7	13	–	4	19	13	–	–
Median	47.4	49.3	49.0	50.0+	47.7	38.9	50.0+	30.6	12.5	–	–
$20,000 to $34,999	328	311	220	136	84	31	60	17	11	–	–
Less than 20 percent	19	12	12	8	4	–	–	7	7	–	–
20 to 24 percent	64	64	51	40	11	13	–	–	–	–	–
25 to 29 percent	8	8	8	4	4	–	–	–	–	–	–
30 to 34 percent	86	80	40	40	–	13	27	6	–	–	–
35 percent or more	79	79	41	22	19	5	33	–	–	–	–
Not computed	72	68	68	22	46	–	–	4	4	–	–
Median	32.2	32.3	30.6	30.6	35.0	31.0	38.8	19.6	17.5	–	–
$35,000 or more	391	350	283	146	137	7	60	41	28	–	–
Less than 20 percent	173	160	122	65	57	7	31	13	–	–	–
20 to 24 percent	63	54	46	24	22	–	8	9	9	–	–
25 to 29 percent	83	64	43	35	8	–	21	19	19	–	–
30 to 34 percent	22	22	22	–	22	–	–	–	–	–	–
35 percent or more	23	23	23	14	9	–	–	–	–	–	–
Not computed	27	27	27	8	19	–	–	–	–	–	–
Median	20.7	20.1	20.7	20.8	20.5	12.5	14.8	24.2	26.3	–	–

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Table 32. Household Income Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units	**102 668**	**91 852**	**67 751**	**33 539**	**34 212**	**9 846**	**14 255**	**10 816**	**6 500**	**1 176**	**599**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	102 668	91 852	67 751	33 539	34 212	9 846	14 255	10 816	6 500	1 176	599
Less than 10 percent	36 059	31 693	23 165	13 887	9 278	3 975	4 553	4 366	2 689	532	266
10 to 14 percent	15 426	13 713	10 096	5 026	5 070	1 637	1 980	1 713	1 065	173	82
15 to 19 percent	13 373	11 935	8 541	4 145	4 396	1 397	1 997	1 438	826	166	53
20 to 24 percent	11 010	9 905	7 228	2 937	4 291	1 004	1 673	1 105	662	54	58
25 to 29 percent	8 355	7 569	5 770	2 267	3 503	660	1 139	786	482	74	54
30 to 34 percent	5 870	5 418	4 166	1 644	2 522	332	920	452	295	44	22
35 to 49 percent	7 443	6 964	5 412	2 058	3 354	450	1 102	479	267	33	34
50 percent or more	4 787	4 385	3 192	1 443	1 749	372	821	402	194	86	30
Not computed	345	270	181	132	49	19	70	75	20	14	–
Median	14.9	15.2	15.3	12.8	18.1	12.9	16.4	12.9	12.6	11.4	12.0
Less than $20,000	11 799	9 172	5 367	3 159	2 208	1 535	2 270	2 627	1 546	383	148
Less than 20 percent	5 664	4 207	2 464	1 596	868	834	909	1 457	883	233	78
20 to 24 percent	1 148	881	501	308	193	177	203	267	149	15	23
25 to 29 percent	844	580	292	173	119	121	167	264	157	35	27
30 to 34 percent	572	439	253	142	111	47	139	133	103	9	5
35 percent or more	3 281	2 820	1 701	829	872	337	782	461	234	86	15
Not computed	290	245	156	111	45	19	70	45	20	5	–
Median	20.4	21.5	21.4	19.4	25.9	18.2	24.7	17.3	16.9	14.2	18.3
$20,000 to $34,999	15 832	13 321	8 495	4 475	4 020	2 031	2 795	2 511	1 544	296	84
Less than 20 percent	9 804	8 153	5 204	3 068	2 136	1 395	1 554	1 651	1 042	219	52
20 to 24 percent	1 198	935	458	215	243	159	318	263	137	16	–
25 to 29 percent	1 009	782	456	190	266	121	205	227	140	25	8
30 to 34 percent	839	697	393	162	231	113	191	142	95	23	–
35 percent or more	2 952	2 741	1 971	831	1 140	243	527	211	130	13	24
Not computed	30	13	13	9	4	–	–	17	–	–	–
Median	13.6	14.0	13.8	11.3	18.4	10.4	17.5	11.5	11.2	10.0–	14.4
$35,000 to $49,999	19 374	17 073	11 797	5 584	6 213	2 052	3 224	2 301	1 582	177	144
Less than 20 percent	11 241	9 562	6 449	3 906	2 543	1 302	1 811	1 679	1 163	129	81
20 to 24 percent	1 938	1 660	984	362	622	288	388	278	214	15	28
25 to 29 percent	1 507	1 368	933	296	637	173	262	139	92	14	6
30 to 34 percent	1 645	1 559	1 110	355	755	121	328	86	57	6	17
35 percent or more	3 039	2 924	2 321	665	1 656	168	435	115	56	13	12
Not computed	4	–	–	–	–	–	–	4	–	–	–
Median	16.3	17.0	17.2	10.6	24.5	14.2	17.9	12.3	12.2	13.0	10.0
$50,000 or more	55 663	52 286	42 092	20 321	21 771	4 228	5 966	3 377	1 828	320	223
Less than 20 percent	38 149	35 419	27 685	14 488	13 197	3 478	4 256	2 730	1 492	290	190
20 to 24 percent	6 726	6 429	5 285	2 052	3 233	380	764	297	162	8	7
25 to 29 percent	4 995	4 839	4 089	1 608	2 481	245	505	156	93	–	13
30 to 34 percent	2 814	2 723	2 410	985	1 425	51	262	91	40	6	–
35 percent or more	2 958	2 864	2 611	1 176	1 435	74	179	94	41	7	13
Not computed	21	12	12	12	–	–	–	9	–	9	–
Median	13.9	14.1	14.5	12.3	16.5	11.5	13.4	11.0	10.1	10.0–	10.0–
Specified renter-occupied housing units	**74 079**	**67 372**	**53 639**	**41 554**	**12 085**	**5 794**	**7 939**	**6 707**	**3 489**	**1 056**	**163**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	74 079	67 372	53 639	41 554	12 085	5 794	7 939	6 707	3 489	1 056	163
Less than 10 percent	5 350	4 067	2 992	2 193	799	391	684	1 283	477	350	12
10 to 14 percent	8 468	7 635	6 173	4 805	1 368	718	744	833	450	187	18
15 to 19 percent	9 929	9 221	7 661	5 990	1 671	752	808	708	475	87	13
20 to 24 percent	9 549	8 961	6 995	5 450	1 545	859	1 107	588	373	66	4
25 to 29 percent	8 311	7 771	6 288	4 971	1 317	611	872	540	405	37	6
30 to 34 percent	5 523	5 185	4 274	3 371	903	400	511	338	237	34	7
35 to 49 percent	8 183	7 642	6 334	4 922	1 412	605	703	541	248	69	15
50 percent or more	11 705	11 025	8 413	6 689	1 724	904	1 708	680	324	64	7
Not computed	7 061	5 865	4 509	3 163	1 346	554	802	1 196	500	162	81
Median	25.1	25.6	25.6	25.8	25.0	24.4	26.3	19.5	21.2	12.6	19.2
Less than $10,000	13 742	12 409	9 426	7 871	1 555	1 368	1 615	1 333	776	131	6
Less than 20 percent	708	577	433	351	82	63	81	131	76	26	–
20 to 24 percent	746	670	491	409	82	103	76	76	50	7	–
25 to 29 percent	1 278	1 156	867	709	158	141	148	122	117	5	–
30 to 34 percent	658	562	411	343	68	76	75	96	96	–	–
35 percent or more	7 939	7 301	5 513	4 609	904	799	989	638	314	63	2
Not computed	2 413	2 143	1 711	1 450	261	186	246	270	123	30	4
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	45.0	34.3	43.5	50.0+
$10,000 to $19,999	14 709	13 302	10 681	8 535	2 146	1 085	1 536	1 407	652	266	34
Less than 20 percent	1 502	1 128	924	724	200	133	71	374	148	114	7
20 to 24 percent	1 192	1 061	803	713	90	99	159	131	104	16	4
25 to 29 percent	1 664	1 511	1 201	995	206	168	142	153	91	16	–
30 to 34 percent	1 585	1 497	1 229	1 032	197	116	152	88	37	26	–
35 percent or more	7 607	7 238	5 866	4 643	1 223	475	897	369	152	45	5
Not computed	1 159	867	658	428	230	94	115	292	120	49	18
Median	38.0	38.9	38.9	38.2	43.1	34.1	43.9	26.7	25.8	18.4	21.3
$20,000 to $34,999	20 132	18 182	14 416	11 297	3 119	1 575	2 191	1 950	990	268	70
Less than 20 percent	5 449	4 562	3 547	2 910	637	477	538	887	440	166	23
20 to 24 percent	3 504	3 256	2 496	2 032	464	402	358	248	130	35	–
25 to 29 percent	3 410	3 217	2 624	2 191	433	200	393	193	146	8	6
30 to 34 percent	2 333	2 226	1 865	1 521	344	158	203	107	65	–	7
35 percent or more	3 806	3 611	2 914	2 087	827	206	491	195	93	19	15
Not computed	1 630	1 310	970	556	414	132	208	320	116	40	19
Median	25.4	26.0	26.3	26.0	27.9	23.0	26.2	18.5	19.9	10.9	27.1
$35,000 or more	25 496	23 479	19 116	13 851	5 265	1 766	2 597	2 017	1 071	391	53
Less than 20 percent	16 088	14 656	11 922	9 003	2 919	1 188	1 546	1 432	738	318	13
20 to 24 percent	4 107	3 974	3 205	2 296	909	255	514	133	89	8	–
25 to 29 percent	1 959	1 887	1 596	1 076	520	102	189	72	51	8	–
30 to 34 percent	947	900	769	475	294	50	81	47	39	8	–
35 percent or more	536	517	454	272	182	29	34	19	13	6	–
Not computed	1 859	1 545	1 170	729	441	142	233	314	141	43	40
Median	16.4	16.7	16.9	16.5	17.8	15.2	16.2	11.5	13.6	10.0–	10.4

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Table 33. Household Income Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban						Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area		Total	Place of 1,000 to 2,499	Place of less than 1,000	
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999				
Specified owner-occupied housing units	**5 854**	**4 856**	**2 762**	**966**	**1 796**	**452**	**1 642**	**998**	**507**	**120**	**6**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	5 854	4 856	2 762	966	1 796	452	1 642	998	507	120	6
Less than 10 percent	1 314	1 069	607	329	278	127	335	245	129	39	6
10 to 14 percent	859	657	383	123	260	47	227	202	107	11	–
15 to 19 percent	843	687	409	109	300	37	241	156	74	14	–
20 to 24 percent	750	606	334	123	211	52	220	144	68	35	–
25 to 29 percent	582	502	293	61	232	38	171	80	64	5	–
30 to 34 percent	456	407	214	52	162	39	154	49	30	–	–
35 to 49 percent	485	444	276	60	216	37	131	41	6	–	–
50 percent or more	518	446	233	105	128	75	138	72	29	7	–
Not computed	47	38	13	4	9	–	25	9	–	9	–
Median	19.3	20.0	19.7	16.3	21.3	21.4	20.1	16.5	16.2	17.0	10.0–
Less than $20,000	832	670	255	119	136	119	296	162	91	22	–
Less than 20 percent	367	280	111	41	70	48	121	87	47	22	–
20 to 24 percent	34	19	10	5	5	–	9	15	15	–	–
25 to 29 percent	50	42	11	–	11	14	17	8	8	–	–
30 to 34 percent	39	39	–	–	–	–	39	–	–	–	–
35 percent or more	309	257	115	69	46	57	85	52	21	–	–
Not computed	33	33	8	4	4	–	25	–	–	–	–
Median	24.8	27.3	26.1	50.0+	19.5	29.1	26.6	17.7	18.8	10.0–	–
$20,000 to $34,999	974	771	320	76	244	88	363	203	99	18	–
Less than 20 percent	404	303	127	33	94	47	129	101	63	7	–
20 to 24 percent	136	95	24	6	18	7	64	41	8	11	–
25 to 29 percent	84	74	28	6	22	–	46	10	5	–	–
30 to 34 percent	93	84	36	–	36	5	43	9	9	–	–
35 percent or more	252	210	100	31	69	29	81	42	14	–	–
Not computed	5	5	5	–	5	–	–	–	–	–	–
Median	23.0	24.2	26.2	24.2	26.7	17.9	24.1	20.1	12.4	20.9	–
$35,000 to $49,999	1 336	1 013	560	179	381	109	344	323	178	30	6
Less than 20 percent	655	447	259	119	140	32	156	208	100	22	6
20 to 24 percent	132	94	37	6	31	12	45	38	30	3	–
25 to 29 percent	131	77	48	6	42	12	17	54	43	5	–
30 to 34 percent	130	119	49	6	43	27	43	11	5	–	–
35 percent or more	288	276	167	42	125	26	83	12	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	20.5	23.2	22.8	14.3	27.3	29.4	21.8	16.1	16.8	17.5	10.0–
$50,000 or more	2 712	2 402	1 627	592	1 035	136	639	310	139	50	–
Less than 20 percent	1 590	1 383	902	368	534	84	397	207	100	13	–
20 to 24 percent	448	398	263	106	157	33	102	50	15	21	–
25 to 29 percent	317	309	206	49	157	12	91	8	8	–	–
30 to 34 percent	194	165	129	46	83	7	29	29	16	–	–
35 percent or more	154	147	127	23	104	–	20	7	–	7	–
Not computed	9	–	–	–	–	–	–	9	–	9	–
Median	17.6	17.8	18.3	14.6	19.6	14.0	17.1	16.2	16.8	21.8	–
Specified renter-occupied housing units	**12 149**	**10 560**	**7 741**	**3 925**	**3 816**	**965**	**1 854**	**1 589**	**847**	**181**	**49**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	12 149	10 560	7 741	3 925	3 816	965	1 854	1 589	847	181	49
Less than 10 percent	504	400	285	171	114	17	98	104	33	33	–
10 to 14 percent	920	773	540	292	248	93	140	147	79	28	–
15 to 19 percent	1 364	1 191	806	476	330	152	233	173	75	24	7
20 to 24 percent	1 503	1 328	899	562	337	131	298	175	104	34	–
25 to 29 percent	1 270	1 095	844	476	368	76	175	175	99	34	–
30 to 34 percent	889	855	664	443	221	75	116	34	19	–	–
35 to 49 percent	1 639	1 444	1 008	484	524	212	224	195	106	4	6
50 percent or more	2 373	2 052	1 415	697	718	164	473	321	201	8	22
Not computed	1 687	1 422	1 280	324	956	45	97	265	131	16	14
Median	28.7	29.0	29.1	28.1	30.7	29.4	28.1	26.8	28.4	19.5	50.0+
Less than $10,000	2 140	1 833	1 186	738	448	256	391	307	165	28	–
Less than 20 percent	108	77	46	41	5	6	25	31	4	8	–
20 to 24 percent	111	94	49	21	28	23	22	17	10	7	–
25 to 29 percent	161	133	88	67	21	19	26	28	28	–	–
30 to 34 percent	133	133	99	86	13	6	28	–	–	–	–
35 percent or more	1 344	1 181	772	460	312	186	223	163	90	8	–
Not computed	283	215	132	63	69	16	67	68	33	5	–
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	22.5	–
$10,000 to $19,999	2 853	2 394	1 833	749	1 084	199	362	459	242	33	36
Less than 20 percent	231	172	96	53	43	37	39	59	25	4	7
20 to 24 percent	164	118	82	47	35	14	22	46	35	4	–
25 to 29 percent	243	227	197	106	91	10	20	16	–	16	–
30 to 34 percent	189	164	115	69	46	43	6	25	16	–	–
35 percent or more	1 575	1 349	983	434	549	95	271	226	126	4	22
Not computed	451	364	360	40	320	–	4	87	40	5	7
Median	43.4	43.4	43.7	39.7	47.0	34.5	50.0	43.2	50.0+	26.9	50.0+
$20,000 to $34,999	3 409	2 974	2 272	1 125	1 147	242	460	435	256	38	13
Less than 20 percent	527	428	298	132	166	55	75	99	65	19	–
20 to 24 percent	405	355	244	165	79	28	83	50	15	13	–
25 to 29 percent	539	441	321	218	103	37	83	98	56	–	–
30 to 34 percent	407	398	333	230	103	26	39	9	3	–	–
35 percent or more	1 002	875	615	264	351	80	180	127	91	–	6
Not computed	529	477	461	116	345	16	–	52	26	6	7
Median	29.7	30.3	30.6	29.8	32.6	29.1	29.3	27.2	28.1	13.1	37.5
$35,000 or more	3 747	3 359	2 450	1 313	1 137	268	641	388	184	82	–
Less than 20 percent	1 922	1 687	1 191	713	478	164	332	235	93	54	–
20 to 24 percent	823	761	524	329	195	66	171	62	44	10	–
25 to 29 percent	327	294	238	85	153	10	46	33	15	18	–
30 to 34 percent	160	160	117	58	59	–	43	–	–	–	–
35 percent or more	91	91	53	23	30	15	23	–	–	–	–
Not computed	424	366	327	105	222	13	26	58	32	–	–
Median	18.5	18.8	18.7	18.2	19.5	18.0	19.3	16.5	17.8	16.7	–

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Table 34. Household Income Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place	The State	Urban					Rural			Rural farm
		Total	Inside urbanized area			Outside urbanized area				
			Total	Central place	Urban fringe	Place of 10,000 or more	Place of 2,500 to 9,999	Total	Place of 1,000 to 2,499	Place of less than 1,000	
Specified owner-occupied housing units	**40 999**	**33 995**	**21 285**	**11 916**	**9 369**	**2 897**	**9 813**	**7 004**	**2 787**	**934**	**387**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	40 999	33 995	21 285	11 916	9 369	2 897	9 813	7 004	2 787	934	387
Less than 10 percent	10 322	7 995	4 906	3 094	1 812	827	2 262	2 327	863	343	96
10 to 14 percent	5 454	4 404	2 650	1 538	1 112	466	1 288	1 050	482	95	76
15 to 19 percent	5 440	4 574	2 856	1 517	1 339	403	1 315	866	356	133	43
20 to 24 percent	4 634	4 010	2 587	1 309	1 278	274	1 149	624	326	53	29
25 to 29 percent	4 137	3 572	2 325	1 147	1 178	239	1 008	565	162	74	25
30 to 34 percent	3 063	2 664	1 922	931	991	146	596	399	196	43	18
35 to 49 percent	4 422	3 976	2 574	1 427	1 147	222	1 180	446	136	108	33
50 percent or more	3 244	2 639	1 381	884	497	301	957	605	205	68	67
Not computed	283	161	84	69	15	19	58	122	61	17	–
Median	19.2	19.9	20.4	19.3	21.6	16.8	20.1	15.4	15.3	15.8	17.5
Less than $20,000	5 515	3 804	1 522	999	523	699	1 583	1 711	584	237	73
Less than 20 percent	2 469	1 530	524	312	212	361	645	939	359	133	23
20 to 24 percent	375	294	141	95	46	62	91	81	33	7	–
25 to 29 percent	277	186	86	70	16	9	91	91	6	6	–
30 to 34 percent	242	158	110	61	49	–	48	84	41	–	7
35 percent or more	1 910	1 475	577	392	185	248	650	435	111	81	43
Not computed	242	161	84	69	15	19	58	81	34	10	–
Median	22.2	25.0	28.1	29.1	24.6	18.8	26.5	16.5	14.5	17.0	50.0+
$20,000 to $34,999	6 059	4 523	2 086	1 170	916	578	1 859	1 536	578	238	109
Less than 20 percent	3 137	2 159	944	621	323	390	825	978	368	151	71
20 to 24 percent	488	433	158	96	62	22	253	55	22	13	–
25 to 29 percent	477	336	134	77	57	38	164	141	53	12	7
30 to 34 percent	296	208	119	48	71	6	83	88	49	9	5
35 percent or more	1 639	1 387	731	328	403	122	534	252	64	53	26
Not computed	22	–	–	–	–	–	–	22	22	–	–
Median	18.9	21.2	23.1	18.3	31.1	11.5	22.1	13.4	12.9	14.9	12.5
$35,000 to $49,999	7 440	6 035	3 295	1 643	1 652	589	2 151	1 405	604	101	60
Less than 20 percent	3 398	2 551	1 464	857	607	322	765	847	325	61	37
20 to 24 percent	731	545	247	122	125	55	243	186	83	21	8
25 to 29 percent	621	513	207	86	121	55	251	108	28	14	–
30 to 34 percent	767	671	407	129	278	60	204	96	59	–	6
35 percent or more	1 923	1 755	970	449	521	97	688	168	109	5	9
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	22.2	24.3	23.7	18.9	28.9	18.9	26.3	16.4	18.3	17.7	16.1
$50,000 or more	21 985	19 633	14 382	8 104	6 278	1 031	4 220	2 352	1 021	358	145
Less than 20 percent	12 212	10 733	7 480	4 359	3 121	623	2 630	1 479	649	226	84
20 to 24 percent	3 040	2 738	2 041	996	1 045	135	562	302	188	12	21
25 to 29 percent	2 762	2 537	1 898	914	984	137	502	225	75	42	18
30 to 34 percent	1 758	1 627	1 286	693	593	80	261	131	47	34	–
35 percent or more	2 194	1 998	1 677	1 142	535	56	265	196	57	37	22
Not computed	19	–	–	–	–	–	–	19	5	7	–
Median	18.3	18.6	19.3	18.7	20.1	16.6	16.8	15.6	16.1	12.7	17.1
Specified renter-occupied housing units	**73 334**	**64 664**	**49 723**	**28 627**	**21 096**	**4 363**	**10 578**	**8 670**	**4 177**	**1 285**	**120**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	73 334	64 664	49 723	28 627	21 096	4 363	10 578	8 670	4 177	1 285	120
Less than 10 percent	2 268	1 832	1 216	892	324	130	486	436	123	118	9
10 to 14 percent	4 919	4 295	3 079	2 088	991	366	850	624	349	79	10
15 to 19 percent	8 143	7 275	5 452	3 596	1 856	505	1 318	868	440	182	–
20 to 24 percent	8 425	7 466	5 547	3 722	1 825	637	1 282	959	481	176	13
25 to 29 percent	7 927	7 247	5 459	3 489	1 970	634	1 154	680	341	142	4
30 to 34 percent	6 062	5 518	4 293	2 729	1 564	369	856	544	283	34	8
35 to 49 percent	10 894	9 700	7 165	4 289	2 876	716	1 819	1 194	615	216	14
50 percent or more	11 574	10 213	7 397	4 889	2 508	769	2 047	1 361	627	172	20
Not computed	13 122	11 118	10 115	2 933	7 182	237	766	2 004	918	166	42
Median	29.0	29.1	29.1	28.7	30.0	28.4	29.2	28.3	28.5	25.2	31.9
Less than $10,000	7 000	5 799	3 642	2 886	756	831	1 326	1 201	582	174	29
Less than 20 percent	169	108	87	62	25	15	6	61	61	–	–
20 to 24 percent	179	154	116	88	28	16	22	25	25	–	–
25 to 29 percent	394	343	213	161	52	87	43	51	29	22	–
30 to 34 percent	251	182	112	112	–	46	24	69	69	–	–
35 percent or more	4 937	4 200	2 701	2 163	538	579	920	737	304	115	19
Not computed	1 070	812	413	300	113	88	311	258	94	37	10
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	47.9	50.0+	50.0+
$10,000 to $19,999	13 162	11 542	8 943	4 883	4 060	795	1 804	1 620	785	172	19
Less than 20 percent	370	283	149	123	26	51	83	87	37	10	–
20 to 24 percent	378	304	235	170	65	30	39	74	18	24	–
25 to 29 percent	763	684	464	269	195	105	115	79	49	7	–
30 to 34 percent	856	684	513	306	207	25	146	172	69	–	–
35 percent or more	7 644	6 873	5 049	3 291	1 758	537	1 287	771	384	78	7
Not computed	3 151	2 714	2 533	724	1 809	47	134	437	228	53	12
Median	48.7	49.1	50.0+	49.7	50.0+	43.6	48.1	45.3	47.7	39.9	50.0+
$20,000 to $34,999	22 163	19 294	15 424	8 158	7 266	1 101	2 769	2 869	1 409	418	24
Less than 20 percent	2 139	1 702	1 179	609	570	168	355	437	180	118	–
20 to 24 percent	2 173	1 870	1 290	920	370	255	325	303	127	42	6
25 to 29 percent	2 392	2 208	1 643	1 257	386	222	343	184	84	45	4
30 to 34 percent	2 763	2 581	2 118	1 458	660	163	300	182	101	18	8
35 percent or more	7 733	6 826	5 250	2 887	2 363	238	1 338	907	471	161	–
Not computed	4 963	4 107	3 944	1 027	2 917	55	108	856	446	34	6
Median	33.4	33.5	33.8	32.7	36.6	27.3	35.1	32.3	34.5	28.6	28.8
$35,000 or more	31 009	28 029	21 714	12 700	9 014	1 636	4 679	2 980	1 401	521	48
Less than 20 percent	12 652	11 309	8 332	5 782	2 550	767	2 210	1 343	634	251	19
20 to 24 percent	5 695	5 138	3 906	2 544	1 362	336	896	557	311	110	7
25 to 29 percent	4 378	4 012	3 139	1 802	1 337	220	653	366	179	68	–
30 to 34 percent	2 192	2 071	1 550	853	697	135	386	121	44	16	–
35 percent or more	2 154	2 014	1 562	837	725	131	321	140	83	34	8
Not computed	3 938	3 485	3 225	882	2 343	47	213	453	150	42	14
Median	20.8	20.9	21.2	20.2	22.9	20.4	20.1	19.3	19.8	19.5	14.0

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Table 35. **Structural Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
TENURE AND VACANCY STATUS											
All housing units	**389 810**	**281 683**	**145 796**	**135 887**	**109 384**	**16 862**	**9 641**	**108 127**	**29 503**	**40 158**	**38 466**
Owner occupied	191 894	137 893	63 235	74 658	62 918	8 639	3 101	54 001	14 978	20 329	18 694
Renter occupied	164 373	127 411	71 328	56 083	44 078	6 762	5 243	36 962	11 036	13 642	12 284
Vacant for sale only	1 417	734	400	334	278	40	16	683	209	223	251
Vacant for rent	9 598	5 861	4 201	1 660	911	450	299	3 737	697	1 201	1 839
Vacant for seasonal, recreational, or occasional use	12 876	4 418	2 970	1 448	197	600	651	8 458	1 954	3 213	3 291
All other vacants	9 652	5 366	3 662	1 704	1 002	371	331	4 286	629	1 550	2 107
Condominium housing units	**81 127**	**66 264**	**46 081**	**20 183**	**16 121**	**2 609**	**1 453**	**14 863**	**4 848**	**5 878**	**4 137**
Owner occupied	35 078	32 063	21 058	11 005	9 737	983	285	3 015	1 138	1 106	771
Renter occupied	30 450	26 383	18 902	7 481	5 933	981	567	4 067	1 562	1 688	817
Vacant	15 599	7 818	6 121	1 697	451	645	601	7 781	2 148	3 084	2 549
YEAR STRUCTURE BUILT											
All housing units	**389 810**	**281 683**	**145 796**	**135 887**	**109 384**	**16 862**	**9 641**	**108 127**	**29 503**	**40 158**	**38 466**
1989 to March 1990	10 218	4 353	1 482	2 871	2 417	217	237	5 865	921	2 652	2 292
1985 to 1988	31 692	17 243	4 614	12 629	10 711	1 259	659	14 449	2 432	6 665	5 352
1980 to 1984	39 178	23 154	9 759	13 395	10 830	1 600	965	16 024	3 691	6 759	5 574
1970 to 1979	118 872	84 114	42 835	41 279	31 492	6 788	2 999	34 758	10 094	14 115	10 549
1960 to 1969	83 455	70 835	39 373	31 462	26 397	3 785	1 280	12 620	4 875	3 994	3 751
1950 to 1959	54 048	45 188	24 885	20 303	17 370	1 553	1 380	8 860	3 458	2 358	3 044
1940 to 1949	26 229	20 501	11 821	8 680	6 412	899	1 369	5 728	1 906	1 221	2 601
1939 or earlier	26 118	16 295	11 027	5 268	3 755	761	752	9 823	2 126	2 394	5 303
Median	1970	1968	1966	1971	1970	1972	1970	1975	1972	1977	1974
Owner-occupied housing units	**191 894**	**137 893**	**63 235**	**74 658**	**62 918**	**8 639**	**3 101**	**54 001**	**14 978**	**20 329**	**18 694**
1989 to March 1990	4 444	2 139	336	1 803	1 569	98	136	2 305	289	1 052	964
1985 to 1988	18 487	10 748	2 184	8 564	7 571	781	212	7 739	1 390	3 649	2 700
1980 to 1984	19 259	11 539	4 481	7 058	5 603	831	624	7 720	1 651	3 490	2 579
1970 to 1979	56 444	39 629	17 354	22 275	17 922	3 455	898	16 815	4 409	6 979	5 427
1960 to 1969	41 913	35 216	16 155	19 061	16 571	2 013	477	6 697	2 778	2 050	1 869
1950 to 1959	28 574	23 352	11 675	11 677	10 386	813	478	5 222	2 240	1 276	1 706
1940 to 1949	11 341	8 358	5 646	2 712	2 247	294	171	2 983	1 119	680	1 184
1939 or earlier	11 432	6 912	5 404	1 508	1 049	354	105	4 520	1 102	1 153	2 265
Median	1970	1969	1966	1971	1971	1972	1974	1975	1971	1977	1974
Renter-occupied housing units	**164 373**	**127 411**	**71 328**	**56 083**	**44 078**	**6 762**	**5 243**	**36 962**	**11 036**	**13 642**	**12 284**
1989 to March 1990	3 584	1 743	931	812	672	85	55	1 841	406	882	553
1985 to 1988	10 734	5 817	2 094	3 723	2 975	384	364	4 917	883	2 309	1 725
1980 to 1984	15 985	10 459	4 503	5 956	4 990	681	285	5 526	1 408	2 330	1 788
1970 to 1979	48 240	37 714	20 767	16 947	12 944	2 656	1 347	10 526	3 850	4 136	2 540
1960 to 1969	36 241	31 826	20 481	11 345	9 292	1 372	681	4 415	1 821	1 551	1 043
1950 to 1959	22 963	19 951	11 899	8 052	6 577	698	777	3 012	1 082	936	994
1940 to 1949	13 657	11 354	5 613	5 741	4 059	527	1 155	2 303	708	461	1 134
1939 or earlier	12 969	8 547	5 040	3 507	2 569	359	579	4 422	878	1 037	2 507
Median	1969	1967	1966	1969	1970	1972	1962	1974	1973	1977	1972
BEDROOMS											
All housing units	**389 810**	**281 683**	**145 796**	**135 887**	**109 384**	**16 862**	**9 641**	**108 127**	**29 503**	**40 158**	**38 466**
None	27 589	21 667	17 534	4 133	2 473	1 199	461	5 922	1 551	2 236	2 135
1	74 135	55 510	40 391	15 119	10 790	2 423	1 906	18 625	5 947	6 747	5 931
2	105 195	75 155	40 101	35 054	27 758	4 147	3 149	30 040	7 392	11 029	11 619
3	130 658	87 850	31 197	56 653	46 856	6 608	3 189	42 808	11 429	16 397	14 982
4	38 635	30 680	10 976	19 704	17 046	1 995	663	7 955	2 258	2 849	2 848
5 or more	13 598	10 821	5 597	5 224	4 461	490	273	2 777	926	900	951
Occupied housing units	**356 267**	**265 304**	**134 563**	**130 741**	**106 996**	**15 401**	**8 344**	**90 963**	**26 014**	**33 971**	**30 978**
None	23 342	19 142	15 583	3 559	2 343	854	362	4 200	1 324	1 585	1 291
1	62 745	49 421	35 536	13 885	10 475	1 979	1 431	13 324	4 421	4 760	4 143
2	95 193	70 976	37 470	33 506	26 898	3 883	2 725	24 217	6 337	9 138	8 742
3	124 402	85 228	30 070	55 158	45 990	6 239	2 929	39 174	10 854	14 957	13 363
4	37 395	29 957	10 480	19 477	16 873	1 966	638	7 438	2 187	2 672	2 579
5 or more	13 190	10 580	5 424	5 156	4 417	480	259	2 610	891	859	860
All housing units	**389 810**	**281 683**	**145 796**	**135 887**	**109 384**	**16 862**	**9 641**	**108 127**	**29 503**	**40 158**	**38 466**
PLUMBING FACILITIES											
Complete plumbing facilities	385 498	279 874	144 629	135 245	109 070	16 640	9 535	105 624	29 396	39 344	36 884
Lacking complete plumbing facilities	4 312	1 809	1 167	642	314	222	106	2 503	107	814	1 582
SOURCE OF WATER											
Public system or private company	380 375	280 997	145 508	135 489	109 223	16 830	9 436	99 378	29 377	37 299	32 702
Individual drilled well	755	259	45	214	111	13	90	496	8	106	382
Individual dug well	113	36	18	18	8	5	5	77	–	32	45
Some other source	8 567	391	225	166	42	14	110	8 176	118	2 721	5 337
SEWAGE DISPOSAL											
Public sewer	312 812	263 552	143 514	120 038	103 948	10 691	5 399	49 260	20 151	16 936	12 173
Septic tank or cesspool	72 940	16 724	1 473	15 251	5 136	5 971	4 144	56 216	9 225	22 425	24 566
Other means	4 058	1 407	809	598	300	200	98	2 651	127	797	1 727
SELECTED CHARACTERISTICS											
Lacking complete kitchen facilities	6 218	3 661	2 523	1 138	768	198	172	2 557	396	819	1 342
Median rooms	4.4	4.3	3.7	5.0	5.1	4.6	4.3	4.5	4.5	4.5	4.6
SECOND MORTGAGE OR HOME EQUITY LOAN											
Specified owner-occupied housing units	**147 510**	**100 903**	**38 877**	**62 026**	**51 999**	**7 467**	**2 560**	**46 607**	**12 993**	**17 718**	**15 896**
With second mortgage or home equity loan	31 882	25 789	8 569	17 220	15 387	1 373	460	6 093	2 048	2 714	1 331
No second mortgage or home equity loan	115 628	75 114	30 308	44 806	36 612	6 094	2 100	40 514	10 945	15 004	14 565
CONDOMINIUM HOUSING UNITS											
Owner-occupied condominium housing units	**35 078**	**32 063**	**21 058**	**11 005**	**9 737**	**983**	**285**	**3 015**	**1 138**	**1 106**	**771**
Median selected monthly owner costs:											
With a mortgage (dollars)	996	1 000+	932	1 000+	1 000+	1 000+	921	897	859	868	1 000+
Not mortgaged (dollars)	291	286	291	267	270	235	292	324	263	329	408
Median value (dollars)	191 600	195 800	203 600	188 100	191 400	167 400	154 000	142 400	120 900	140 600	187 500
MOBILE HOMES											
Owner-occupied mobile homes	**154**	**60**	**38**	**22**	**18**	**4**	**–**	**94**	**17**	**25**	**52**
Median selected monthly owner costs:											
With a mortgage (dollars)	637	719	656	750+	750+	625	–	516	750+	193	346
Not mortgaged (dollars)	203	220	242	196	196	–	–	185	–	225	173

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Table 36. **Fuel, Occupancy, and Social Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area					Outside metropolitan area			
		Total	In central city	Not in central city				Urban, outside urbanized area		
				Total	Urban: Inside urbanized area	Urban: Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**356 267**	**265 304**	**134 563**	**130 741**	**106 996**	**15 401**	**8 344**	**90 963**	**26 014**	**33 971**	**30 978**
HOUSE HEATING FUEL											
Utility gas	11 723	10 594	7 381	3 213	2 913	272	28	1 129	619	311	199
Bottled, tank, or LP gas	7 257	2 213	1 005	1 208	734	287	187	5 044	900	1 790	2 354
Electricity	135 102	108 829	55 929	52 900	43 871	5 647	3 382	26 273	9 795	9 534	6 944
Fuel oil, kerosene, etc.	607	136	119	17	17	–	–	471	65	134	272
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 728	161	59	102	92	–	10	1 567	65	569	933
Solar energy	5 578	3 430	1 435	1 995	1 594	293	108	2 148	640	896	612
Other fuel	125	77	55	22	4	18	–	48	23	–	25
No fuel used	194 147	139 864	68 580	71 284	57 771	8 884	4 629	54 283	13 907	20 737	19 639
VEHICLES AVAILABLE											
None	35 159	29 406	23 160	6 246	4 485	1 198	563	5 753	2 133	1 666	1 954
1	128 513	98 542	57 109	41 433	33 076	5 112	3 245	29 971	9 043	10 649	10 279
2	127 011	91 032	36 837	54 195	45 159	5 902	3 134	35 979	9 584	13 994	12 401
3	43 580	30 415	11 754	18 661	15 830	1 959	872	13 165	3 527	5 413	4 225
4	15 187	10 996	3 888	7 108	5 956	769	383	4 191	1 193	1 558	1 440
5 or more	6 817	4 913	1 815	3 098	2 490	461	147	1 904	534	691	679
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**191 894**	**137 893**	**63 235**	**74 658**	**62 918**	**8 639**	**3 101**	**54 001**	**14 978**	**20 329**	**18 694**
1989 to March 1990	18 553	12 741	4 948	7 793	6 490	902	401	5 812	1 045	2 490	2 277
1985 to 1988	44 975	31 716	13 267	18 449	15 603	2 116	730	13 259	3 005	5 934	4 320
1980 to 1984	25 199	17 303	7 541	9 762	7 699	1 299	764	7 896	1 932	3 199	2 765
1970 to 1979	47 273	33 774	14 520	19 254	16 123	2 494	637	13 499	3 680	5 216	4 603
1960 to 1969	28 681	22 630	10 396	12 234	10 918	1 046	270	6 051	2 487	1 602	1 962
1959 or earlier	27 213	19 729	12 563	7 166	6 085	782	299	7 484	2 829	1 888	2 767
Renter-occupied housing units	**164 373**	**127 411**	**71 328**	**56 083**	**44 078**	**6 762**	**5 243**	**36 962**	**11 036**	**13 642**	**12 284**
1989 to March 1990	63 987	48 526	23 605	24 921	20 199	2 737	1 985	15 461	4 342	6 152	4 967
1985 to 1988	60 700	47 999	25 511	22 488	17 985	2 512	1 991	12 701	3 948	4 845	3 908
1980 to 1984	19 622	15 055	10 654	4 401	3 108	766	527	4 567	1 548	1 576	1 443
1970 to 1979	13 276	10 775	7 814	2 961	2 071	485	405	2 501	716	746	1 039
1960 to 1969	4 016	3 243	2 470	773	457	143	173	773	342	134	297
1959 or earlier	2 772	1 813	1 274	539	258	119	162	959	140	189	630
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**191 894**	**137 893**	**63 235**	**74 658**	**62 918**	**8 639**	**3 101**	**54 001**	**14 978**	**20 329**	**18 694**
Lacking complete plumbing facilities	1 156	328	153	175	106	56	13	828	41	275	512
1.00 or less	860	233	127	106	88	14	4	627	41	216	370
1.01 or more	296	95	26	69	18	42	9	201	–	59	142
Renter-occupied housing units	**164 373**	**127 411**	**71 328**	**56 083**	**44 078**	**6 762**	**5 243**	**36 962**	**11 036**	**13 642**	**12 284**
Lacking complete plumbing facilities	2 209	1 142	709	433	191	159	83	1 067	59	363	645
1.00 or less	1 367	639	408	231	92	86	53	728	44	221	463
1.01 or more	842	503	301	202	99	73	30	339	15	142	182
TELEPHONE IN UNIT											
Telephone in unit	346 873	259 747	131 100	128 647	105 762	14 806	8 079	87 126	25 219	32 813	29 094
No telephone in unit	9 394	5 557	3 463	2 094	1 234	595	265	3 837	795	1 158	1 884
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**74 144**	**53 179**	**35 446**	**17 733**	**14 282**	**2 111**	**1 340**	**20 965**	**6 811**	**6 449**	**7 705**
Owner occupied	53 290	37 028	22 946	14 082	11 791	1 512	779	16 262	5 177	5 017	6 068
1-person households	22 290	15 655	12 097	3 558	2 671	538	349	6 635	2 352	2 025	2 258
Built 1939 or earlier	9 118	5 585	4 397	1 188	831	216	141	3 533	922	842	1 769
Mean household income in 1989 (dollars)	40 449	43 478	43 329	43 776	44 729	42 343	35 875	32 766	32 185	35 822	30 721
Female householder, no husband present	23 222	16 841	12 459	4 382	3 464	589	329	6 381	2 388	1 919	2 074
Lacking complete plumbing facilities	512	319	192	127	44	60	23	193	14	84	95
No vehicle available	15 656	12 628	10 328	2 300	1 720	343	237	3 028	1 186	760	1 082
No telephone in unit	1 562	1 055	782	273	138	99	36	507	108	155	244
1-person households	1 188	793	647	146	77	50	19	395	97	137	161
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**6 573**	**3 599**	**1 998**	**1 601**	**1 097**	**393**	**111**	**2 974**	**633**	**1 012**	**1 329**
Married-couple families	2 185	1 086	490	596	404	159	33	1 099	220	365	514
With own children under 18 years	928	345	88	257	157	89	11	583	71	206	306
Families with female householder	873	462	205	257	182	60	15	411	110	154	147
With own children under 18 years	514	249	97	152	93	44	15	265	64	108	93
Householder 65 years and over	2 357	1 361	851	510	374	115	21	996	274	260	462
Householder worked in 1989	2 259	1 102	573	529	409	75	45	1 157	201	398	558
With public assistance income	809	326	117	209	112	78	19	483	96	175	212
With Social Security income	2 344	1 163	649	514	377	120	17	1 181	319	339	523
Mean household income deficit in 1989 (dollars)	4 209	4 566	4 506	4 641	4 393	5 499	4 054	3 778	3 590	4 069	3 647
Built 1939 or earlier	618	273	208	65	6	53	6	345	44	78	223
Lacking complete plumbing facilities	264	30	11	19	7	12	–	234	–	79	155
No vehicle available	1 328	888	639	249	163	76	10	440	138	74	228
No telephone in unit	460	175	72	103	16	87	–	285	23	92	170
1.01 or more persons per room	862	490	172	318	181	73	64	372	82	106	184
Renter-occupied housing units	**22 820**	**16 058**	**9 830**	**6 228**	**3 990**	**1 606**	**632**	**6 762**	**2 285**	**2 134**	**2 343**
Married-couple families	5 629	4 346	2 004	2 342	1 501	638	203	1 283	359	422	502
With own children under 18 years	4 101	3 125	1 164	1 961	1 295	522	144	976	255	319	402
Families with female householder	6 116	3 980	1 784	2 196	1 395	668	133	2 136	820	680	636
With own children under 18 years	5 438	3 415	1 440	1 975	1 283	586	106	2 023	799	648	576
Householder 65 years and over	4 724	3 507	2 779	728	450	142	136	1 217	470	324	423
Householder worked in 1989	9 680	6 703	3 837	2 866	2 023	608	235	2 977	840	1 053	1 084
With public assistance income	8 059	5 480	2 777	2 703	1 516	853	334	2 579	1 012	729	838
With Social Security income	4 617	3 203	2 291	912	572	193	147	1 414	559	350	505
Mean household income deficit in 1989 (dollars)	4 132	4 194	4 019	4 470	4 121	5 566	3 887	3 984	3 829	4 233	3 908
Built 1939 or earlier	1 788	946	652	294	123	110	61	842	165	214	463
Lacking complete plumbing facilities	870	433	261	172	58	79	35	437	21	98	318
No vehicle available	9 051	7 313	5 465	1 848	1 215	439	194	1 738	763	406	569
No telephone in unit	2 889	1 807	1 069	738	419	205	114	1 082	276	261	545
1.01 or more persons per room	6 045	4 778	2 594	2 184	1 173	780	231	1 267	453	376	438

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Table 37. **Financial Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
HOUSEHOLD INCOME IN 1989											
Occupied housing units	**356 267**	**265 304**	**134 563**	**130 741**	**106 996**	**15 401**	**8 344**	**90 963**	**26 014**	**33 971**	**30 978**
Median income (dollars)	38 570	40 406	37 069	43 375	45 472	37 814	32 253	33 904	34 064	36 801	30 990
Owner occupied	191 894	137 893	63 235	74 658	62 918	8 639	3 101	54 001	14 978	20 329	18 694
Median income (dollars)	50 455	54 566	52 525	55 818	57 345	46 749	47 405	40 315	42 604	42 343	35 768
Renter occupied	164 373	127 411	71 328	56 083	44 078	6 762	5 243	36 962	11 036	13 642	12 284
Median income (dollars)	27 594	28 048	27 076	29 426	30 371	25 124	26 113	26 341	24 018	29 127	25 113
Specified owner-occupied housing units	**147 510**	**100 903**	**38 877**	**62 026**	**51 999**	**7 467**	**2 560**	**46 607**	**12 993**	**17 718**	**15 896**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	102 601	73 972	23 658	50 314	42 542	5 870	1 902	28 629	7 963	12 317	8 349
Less than $200	855	353	168	185	161	20	4	502	116	156	230
$200 to $299	3 402	2 032	495	1 537	1 242	189	106	1 370	402	460	508
$300 to $399	6 626	3 923	1 015	2 908	2 265	498	145	2 703	731	986	986
$400 to $499	7 214	4 366	1 216	3 150	2 401	555	194	2 848	581	1 333	934
$500 to $599	6 836	4 346	1 574	2 772	2 170	441	161	2 490	797	795	898
$600 to $699	6 632	4 089	1 344	2 745	2 172	393	180	2 543	691	1 013	839
$700 to $799	6 900	4 377	1 346	3 031	2 468	405	158	2 523	886	993	644
$800 to $899	6 318	4 133	1 211	2 922	2 415	382	125	2 185	738	896	551
$900 to $999	6 040	4 268	1 329	2 939	2 426	410	103	1 772	511	777	484
$1,000 to $1,249	14 224	10 548	2 798	7 750	6 721	872	157	3 676	1 009	1 792	875
$1,250 to $1,499	13 085	10 617	2 837	7 780	6 787	792	201	2 468	662	1 313	493
$1,500 to $1,999	14 316	12 201	3 835	8 366	7 449	697	220	2 115	547	1 076	492
$2,000 or more	10 153	8 719	4 490	4 229	3 865	216	148	1 434	292	727	415
Median (dollars)	1 008	1 121	1 190	1 096	1 132	912	802	771	774	843	675
Mean (dollars)	1 144	1 235	1 404	1 155	1 185	983	1 014	910	887	968	845
Not mortgaged	44 909	26 931	15 219	11 712	9 457	1 597	658	17 978	5 030	5 401	7 547
Less than $100	5 407	1 383	494	889	441	304	144	4 024	894	966	2 164
$100 to $199	24 665	14 610	7 459	7 151	5 900	932	319	10 055	3 180	2 865	4 010
$200 to $299	10 804	7 900	5 109	2 791	2 407	288	96	2 904	790	1 105	1 009
$300 to $399	2 474	1 898	1 321	577	464	46	67	576	114	285	177
$400 to $499	753	525	372	153	138	7	8	228	28	70	130
$500 or more	806	615	464	151	107	20	24	191	24	110	57
Median (dollars)	170	185	196	171	175	143	153	142	146	157	132
Mean (dollars)	187	206	222	185	188	164	188	159	156	177	148
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
With a mortgage	102 601	73 972	23 658	50 314	42 542	5 870	1 902	28 629	7 963	12 317	8 349
Less than 10 percent	14 006	10 338	3 796	6 542	5 725	695	122	3 668	1 230	1 329	1 109
10 to 14 percent	15 860	11 456	3 901	7 555	6 410	835	310	4 404	1 444	1 677	1 283
15 to 19 percent	17 032	11 967	4 017	7 950	6 416	1 081	453	5 065	1 557	2 020	1 488
20 to 24 percent	14 910	10 493	3 033	7 460	6 409	806	245	4 417	1 114	1 954	1 349
25 to 29 percent	12 174	8 960	2 516	6 444	5 473	753	218	3 214	837	1 362	1 015
30 to 34 percent	8 800	6 590	1 987	4 603	3 993	449	161	2 210	477	1 118	615
35 percent or more	19 538	14 008	4 325	9 683	8 055	1 244	384	5 530	1 280	2 793	1 457
Not computed	281	160	83	77	61	7	9	121	24	64	33
Median	21.4	21.5	20.1	22.1	22.1	22.0	21.3	21.3	19.2	22.8	21.0
Not mortgaged	44 909	26 931	15 219	11 712	9 457	1 597	658	17 978	5 030	5 401	7 547
Less than 10 percent	33 210	20 629	11 461	9 168	7 515	1 164	489	12 581	3 636	3 809	5 136
10 to 14 percent	5 611	2 916	1 795	1 121	882	188	51	2 695	713	758	1 224
15 to 19 percent	2 331	1 335	744	591	511	59	21	996	254	302	440
20 to 24 percent	1 205	644	382	262	166	63	33	561	196	168	197
25 to 29 percent	723	349	228	121	80	34	7	374	81	120	173
30 to 34 percent	354	218	121	97	88	9	–	136	12	31	93
35 percent or more	1 088	622	394	228	166	45	17	466	124	180	162
Not computed	387	218	94	124	49	35	40	169	14	33	122
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
Specified renter-occupied housing units	**162 820**	**126 739**	**71 149**	**55 590**	**43 800**	**6 658**	**5 132**	**36 081**	**10 936**	**13 421**	**11 724**
GROSS RENT											
Less than $100	2 053	1 400	807	593	244	170	179	653	140	142	371
$100 to $149	3 554	2 231	1 498	733	453	151	129	1 323	434	282	607
$150 to $199	3 455	2 133	1 488	645	413	85	147	1 322	431	283	608
$200 to $249	3 103	2 018	1 398	620	346	141	133	1 085	329	283	473
$250 to $299	4 399	3 258	2 386	872	513	244	115	1 141	410	259	472
$300 to $349	5 742	4 107	2 780	1 327	939	297	91	1 635	703	385	547
$350 to $399	6 862	4 959	2 990	1 969	1 478	223	268	1 903	822	454	627
$400 to $449	7 531	5 810	3 687	2 123	1 699	260	164	1 721	718	518	485
$450 to $499	8 062	6 133	4 179	1 954	1 463	322	169	1 929	821	534	574
$500 to $549	8 993	7 043	5 152	1 891	1 231	469	191	1 950	652	700	598
$550 to $599	8 515	6 521	4 513	2 008	1 451	398	159	1 994	668	756	570
$600 to $649	8 075	6 564	4 410	2 154	1 535	429	190	1 511	665	511	335
$650 to $699	9 294	7 656	5 028	2 628	2 023	333	272	1 638	517	802	319
$700 to $749	8 828	7 244	4 585	2 659	1 928	464	267	1 584	442	711	431
$750 to $999	31 353	24 617	12 659	11 958	9 520	1 647	791	6 736	1 533	3 403	1 800
$1,000 or more	20 923	16 568	8 289	8 279	7 299	744	236	4 355	975	2 305	1 075
No cash rent	22 078	18 477	5 300	13 177	11 265	281	1 631	3 601	676	1 093	1 832
Median (dollars)	650	663	623	732	764	650	601	590	525	718	515
Mean (dollars)	687	700	662	760	795	675	592	641	578	744	577

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Table 38. **Household Income Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Specified owner-occupied housing units	**147 510**	**100 903**	**38 877**	**62 026**	**51 999**	**7 467**	**2 560**	**46 607**	**12 993**	**17 718**	**15 896**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	147 510	100 903	38 877	62 026	51 999	7 467	2 560	46 607	12 993	17 718	15 896
Less than 10 percent	47 216	30 967	15 257	15 710	13 240	1 859	611	16 249	4 866	5 138	6 245
10 to 14 percent	21 471	14 372	5 696	8 676	7 292	1 023	361	7 099	2 157	2 435	2 507
15 to 19 percent	19 363	13 302	4 761	8 541	6 927	1 140	474	6 061	1 811	2 322	1 928
20 to 24 percent	16 115	11 137	3 415	7 722	6 575	869	278	4 978	1 310	2 122	1 546
25 to 29 percent	12 897	9 309	2 744	6 565	5 553	787	225	3 588	918	1 482	1 188
30 to 34 percent	9 154	6 808	2 108	4 700	4 081	458	161	2 346	489	1 149	708
35 to 49 percent	12 207	9 131	2 690	6 441	5 457	735	249	3 076	704	1 653	719
50 percent or more	8 419	5 499	2 029	3 470	2 764	554	152	2 920	700	1 320	900
Not computed	668	378	177	201	110	42	49	290	38	97	155
Median	16.2	16.9	13.6	18.8	18.9	18.6	18.0	14.9	13.7	17.7	13.2
Less than $20,000	17 963	8 400	3 778	4 622	3 366	905	351	9 563	2 305	3 134	4 124
Less than 20 percent	8 457	3 519	1 736	1 783	1 359	340	84	4 938	1 224	1 322	2 392
20 to 24 percent	1 551	781	373	408	279	75	54	770	239	228	303
25 to 29 percent	1 169	516	232	284	160	65	59	653	144	205	304
30 to 34 percent	826	424	188	236	175	26	35	402	53	167	182
35 percent or more	5 393	2 848	1 093	1 755	1 292	357	106	2 545	607	1 115	823
Not computed	567	312	156	156	101	42	13	255	38	97	120
Median	20.8	23.4	21.0	25.7	24.9	26.3	27.6	18.7	18.5	24.3	15.9
$20,000 to $34,999	22 595	12 549	4 919	7 630	5 888	1 343	399	10 046	2 665	3 566	3 815
Less than 20 percent	13 259	7 096	3 291	3 805	2 966	638	201	6 163	1 807	1 831	2 525
20 to 24 percent	1 774	820	283	537	346	152	39	954	181	460	313
25 to 29 percent	1 533	727	201	526	412	87	27	806	159	306	341
30 to 34 percent	1 184	612	175	437	345	60	32	572	124	250	198
35 percent or more	4 788	3 254	960	2 294	1 810	406	78	1 534	394	719	421
Not computed	57	40	9	31	9	–	22	17	–	–	17
Median	14.9	16.2	11.6	20.0	19.8	21.1	19.2	13.7	10.8	19.3	11.9
$35,000 to $49,999	27 679	17 760	6 249	11 511	9 228	1 706	577	9 919	2 686	3 929	3 304
Less than 20 percent	15 004	9 140	4 276	4 864	3 790	753	321	5 864	1 644	1 914	2 306
20 to 24 percent	2 778	1 563	404	1 159	865	220	74	1 215	355	455	405
25 to 29 percent	2 234	1 431	315	1 116	861	198	57	803	233	339	231
30 to 34 percent	2 456	1 757	373	1 384	1 166	176	42	699	181	372	146
35 percent or more	5 203	3 869	881	2 988	2 546	359	83	1 334	273	849	212
Not computed	4	–	–	–	–	–	–	4	–	–	4
Median	18.0	19.2	11.3	23.8	24.8	22.3	18.5	16.6	15.9	20.6	13.3
$50,000 or more	79 273	62 194	23 931	38 263	33 517	3 513	1 233	17 079	5 337	7 089	4 653
Less than 20 percent	51 330	38 886	16 411	22 475	19 344	2 291	840	12 444	4 159	4 828	3 457
20 to 24 percent	10 012	7 973	2 355	5 618	5 085	422	111	2 039	535	979	525
25 to 29 percent	7 961	6 635	1 996	4 639	4 120	437	82	1 326	382	632	312
30 to 34 percent	4 688	4 015	1 372	2 643	2 395	196	52	673	131	360	182
35 percent or more	5 242	4 659	1 785	2 874	2 573	167	134	583	130	290	163
Not computed	40	26	12	14	–	–	14	14	–	–	14
Median	15.2	15.8	13.2	17.3	17.5	16.0	15.8	13.1	12.3	14.7	11.5
Specified renter-occupied housing units	**162 820**	**126 739**	**71 149**	**55 590**	**43 800**	**6 658**	**5 132**	**36 081**	**10 936**	**13 421**	**11 724**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	162 820	126 739	71 149	55 590	43 800	6 658	5 132	36 081	10 936	13 421	11 724
Less than 10 percent	7 994	5 308	3 182	2 126	1 283	384	459	2 686	526	829	1 331
10 to 14 percent	14 257	10 890	6 906	3 984	2 987	634	363	3 367	1 137	1 057	1 173
15 to 19 percent	19 384	15 107	9 662	5 445	4 330	638	477	4 277	1 384	1 646	1 247
20 to 24 percent	19 386	14 803	9 256	5 547	4 299	843	405	4 583	1 573	1 731	1 279
25 to 29 percent	17 633	13 914	8 481	5 433	4 296	647	490	3 719	1 284	1 511	924
30 to 34 percent	12 774	10 149	6 238	3 911	3 212	503	196	2 625	862	1 009	754
35 to 49 percent	21 197	16 574	9 103	7 471	5 982	1 002	487	4 623	1 484	1 732	1 407
50 percent or more	26 027	19 857	11 691	8 166	5 917	1 635	614	6 170	1 869	2 644	1 657
Not computed	24 168	20 137	6 630	13 507	11 494	372	1 641	4 031	817	1 262	1 952
Median	27.4	27.6	26.9	28.6	28.8	30.0	25.4	26.5	26.7	27.7	24.4
Less than $10,000	22 587	16 012	11 129	4 883	2 985	1 338	560	6 575	2 446	1 956	2 173
Less than 20 percent	952	682	446	236	112	58	66	270	78	47	145
20 to 24 percent	1 012	739	509	230	146	48	36	273	137	61	75
25 to 29 percent	1 799	1 219	913	306	234	53	19	580	247	157	176
30 to 34 percent	1 005	676	522	154	75	71	8	329	131	36	162
35 percent or more	14 070	10 242	6 949	3 293	1 946	956	391	3 828	1 570	1 203	1 055
Not computed	3 749	2 454	1 790	664	472	152	40	1 295	283	452	560
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	31 814	25 102	13 849	11 253	8 817	1 389	1 047	6 712	2 046	2 259	2 407
Less than 20 percent	2 014	1 254	879	375	242	52	81	760	215	138	407
20 to 24 percent	1 683	1 250	924	326	182	109	35	433	147	96	190
25 to 29 percent	2 684	2 070	1 328	742	582	86	74	614	273	176	165
30 to 34 percent	2 692	2 071	1 388	683	523	114	46	621	186	196	239
35 percent or more	17 248	13 741	8 093	5 648	4 309	964	375	3 507	1 084	1 461	962
Not computed	5 493	4 716	1 237	3 479	2 979	64	436	777	141	192	444
Median	43.3	44.0	41.7	47.8	48.5	46.5	41.1	40.6	38.1	47.6	34.6
$20,000 to $34,999	47 712	37 572	20 031	17 541	14 056	1 579	1 906	10 140	2 893	3 827	3 420
Less than 20 percent	8 217	5 780	3 616	2 164	1 562	310	292	2 437	692	634	1 111
20 to 24 percent	6 085	4 489	3 046	1 443	1 035	246	162	1 596	675	484	437
25 to 29 percent	6 397	5 130	3 582	1 548	1 113	207	228	1 267	436	575	256
30 to 34 percent	5 683	4 741	3 074	1 667	1 348	204	115	942	360	370	212
35 percent or more	13 057	10 118	4 897	5 221	4 338	588	295	2 939	539	1 472	928
Not computed	8 273	7 314	1 816	5 498	4 660	24	814	959	191	292	476
Median	29.2	29.7	28.4	32.6	33.7	30.4	27.0	27.2	24.9	31.0	24.1
$35,000 or more	60 707	48 053	26 140	21 913	17 942	2 352	1 619	12 654	3 551	5 379	3 724
Less than 20 percent	30 452	23 589	14 809	8 780	6 684	1 236	860	6 863	2 062	2 713	2 088
20 to 24 percent	10 606	8 325	4 777	3 548	2 936	440	172	2 281	614	1 090	577
25 to 29 percent	6 753	5 495	2 658	2 837	2 367	301	169	1 258	328	603	327
30 to 34 percent	3 394	2 661	1 254	1 407	1 266	114	27	733	185	407	141
35 percent or more	2 849	2 330	855	1 475	1 306	129	40	519	160	240	119
Not computed	6 653	5 653	1 787	3 866	3 383	132	351	1 000	202	326	472
Median	18.7	18.8	18.0	20.3	21.0	18.5	16.5	18.1	17.6	19.2	16.5

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Table 39. Occupancy, Fuel, and Structural Characteristics of Housing Units With a White Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city					Urban, outside urbanized area		
				Total	Urban		Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
					Inside urbanized area	Outside urbanized area					
Occupied housing units	**138 755**	**97 451**	**44 573**	**52 878**	**42 677**	**6 130**	**4 071**	**41 304**	**8 719**	**17 735**	**14 850**
TENURE											
Owner-occupied housing units	60 863	39 136	17 095	22 041	17 902	3 124	1 015	21 727	4 080	9 416	8 231
Renter-occupied housing units	77 892	58 315	27 478	30 837	24 775	3 006	3 056	19 577	4 639	8 319	6 619
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**60 863**	**39 136**	**17 095**	**22 041**	**17 902**	**3 124**	**1 015**	**21 727**	**4 080**	**9 416**	**8 231**
1989 to March 1990	1 997	552	93	459	392	42	25	1 445	125	675	645
1985 to 1988	6 643	2 660	533	2 127	1 741	323	63	3 983	445	2 058	1 480
1980 to 1984	6 928	3 279	1 331	1 948	1 509	284	155	3 649	507	1 636	1 506
1970 to 1979	20 616	13 178	5 869	7 309	5 479	1 450	380	7 438	1 387	3 361	2 690
1960 to 1969	11 494	9 788	4 480	5 308	4 490	662	156	1 706	520	653	533
1950 to 1959	7 260	5 912	2 336	3 576	3 217	213	146	1 348	524	383	441
1940 to 1949	2 902	2 020	1 031	989	823	104	62	882	297	228	357
1939 or earlier	3 023	1 747	1 422	325	251	46	28	1 276	275	422	579
Renter-occupied housing units	**77 892**	**58 315**	**27 478**	**30 837**	**24 775**	**3 006**	**3 056**	**19 577**	**4 639**	**8 319**	**6 619**
1989 to March 1990	2 049	730	247	483	419	19	45	1 319	317	597	405
1985 to 1988	6 197	2 911	863	2 048	1 573	209	266	3 286	530	1 652	1 104
1980 to 1984	8 554	5 294	1 789	3 505	2 948	415	142	3 260	666	1 393	1 201
1970 to 1979	23 308	17 527	8 290	9 237	7 243	1 255	739	5 781	1 628	2 643	1 510
1960 to 1969	15 752	13 793	7 860	5 933	4 944	593	396	1 959	626	783	550
1950 to 1959	10 287	8 912	4 618	4 294	3 598	248	448	1 375	351	501	523
1940 to 1949	6 506	5 538	2 099	3 439	2 515	152	772	968	271	259	438
1939 or earlier	5 239	3 610	1 712	1 898	1 535	115	248	1 629	250	491	888
BEDROOMS											
Owner-occupied housing units	**60 863**	**39 136**	**17 095**	**22 041**	**17 902**	**3 124**	**1 015**	**21 727**	**4 080**	**9 416**	**8 231**
None	1 461	932	719	213	88	108	17	529	65	224	240
1	6 649	4 327	3 194	1 133	805	192	136	2 322	480	829	1 013
2	15 028	9 148	5 030	4 118	3 278	510	330	5 880	965	2 344	2 571
3	25 606	15 866	4 879	10 987	9 030	1 580	377	9 740	1 865	4 744	3 131
4	8 996	6 690	2 300	4 390	3 724	597	69	2 306	486	909	911
5 or more	3 123	2 173	973	1 200	977	137	86	950	219	366	365
Renter-occupied housing units	**77 892**	**58 315**	**27 478**	**30 837**	**24 775**	**3 006**	**3 056**	**19 577**	**4 639**	**8 319**	**6 619**
None	7 497	5 723	4 354	1 369	889	350	130	1 774	398	850	526
1	18 328	13 504	9 605	3 899	2 853	477	569	4 824	1 477	1 960	1 387
2	25 221	18 377	8 394	9 983	7 989	852	1 142	6 844	1 514	2 964	2 366
3	20 235	15 131	3 962	11 169	9 126	1 042	1 001	5 104	1 048	2 140	1 916
4	5 788	4 981	965	4 016	3 588	227	201	807	136	344	327
5 or more	823	599	198	401	330	58	13	224	66	61	97
SOURCE OF WATER											
Public system or private company	133 687	97 183	44 407	52 776	42 649	6 122	4 005	36 504	8 637	16 110	11 757
Individual drilled well	271	55	–	55	20	8	27	216	8	51	157
Individual dug well	45	6	6	–	–	–	–	39	–	17	22
Some other source	4 752	207	160	47	8	–	39	4 545	74	1 557	2 914
SEWAGE DISPOSAL											
Public sewer	108 180	91 376	43 869	47 507	40 741	4 121	2 645	16 804	6 387	6 711	3 706
Septic tank or cesspool	29 211	5 808	576	5 232	1 848	1 966	1 418	23 403	2 325	10 667	10 411
Other means	1 364	267	128	139	88	43	8	1 097	7	357	733
KITCHEN FACILITIES											
Complete kitchen facilities	136 594	96 273	43 859	52 414	42 331	6 076	4 007	40 321	8 544	17 366	14 411
Lacking complete kitchen facilities	2 161	1 178	714	464	346	54	64	983	175	369	439
HOUSE HEATING FUEL											
Utility gas	2 682	2 381	1 323	1 058	966	71	21	301	154	96	51
Bottled, tank, or LP gas	2 169	393	147	246	137	63	46	1 776	149	680	947
Electricity	38 070	28 306	13 104	15 202	12 265	1 665	1 272	9 764	2 573	4 231	2 960
Fuel oil, kerosene, etc.	329	103	103	–	–	–	–	226	18	43	165
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 317	127	52	75	65	–	10	1 190	35	445	710
Solar energy	1 413	840	322	518	406	84	28	573	63	311	199
Other fuel	46	12	12	–	–	–	–	34	23	–	11
No fuel used	92 729	65 289	29 510	35 779	28 838	4 247	2 694	27 440	5 704	11 929	9 807
VEHICLES AVAILABLE											
None	12 110	9 929	7 994	1 935	1 402	377	156	2 181	780	768	633
1	56 006	40 624	20 931	19 693	15 709	2 113	1 871	15 382	3 515	6 364	5 503
2	51 349	34 719	11 894	22 825	18 808	2 509	1 508	16 630	3 186	7 272	6 172
3	13 825	8 699	2 758	5 941	4 762	768	411	5 126	893	2 507	1 726
4	3 836	2 356	705	1 651	1 347	230	74	1 480	261	651	568
5 or more	1 629	1 124	291	833	649	133	51	505	84	173	248
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**60 863**	**39 136**	**17 095**	**22 041**	**17 902**	**3 124**	**1 015**	**21 727**	**4 080**	**9 416**	**8 231**
1989 to March 1990	8 674	4 956	1 830	3 126	2 353	552	221	3 718	566	1 612	1 540
1985 to 1988	18 884	11 629	4 697	6 932	5 518	1 023	391	7 255	1 240	3 553	2 462
1980 to 1984	8 973	5 513	2 516	2 997	2 387	446	164	3 460	563	1 395	1 502
1970 to 1979	13 932	9 372	4 248	5 124	4 196	752	176	4 560	763	2 008	1 789
1960 to 1969	5 722	4 604	1 984	2 620	2 312	272	36	1 118	336	398	384
1959 or earlier	4 678	3 062	1 820	1 242	1 136	79	27	1 616	612	450	554
Renter-occupied housing units	**77 892**	**58 315**	**27 478**	**30 837**	**24 775**	**3 006**	**3 056**	**19 577**	**4 639**	**8 319**	**6 619**
1989 to March 1990	36 458	26 616	11 182	15 434	12 545	1 429	1 460	9 842	2 353	4 193	3 296
1985 to 1988	29 979	23 309	10 437	12 872	10 509	1 129	1 234	6 670	1 528	3 032	2 110
1980 to 1984	6 600	4 740	3 255	1 485	1 021	265	199	1 860	485	696	679
1970 to 1979	3 794	2 879	2 032	847	553	162	132	915	213	330	372
1960 to 1969	724	589	450	139	98	15	26	135	44	37	54
1959 or earlier	337	182	122	60	49	6	5	155	16	31	108
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**60 863**	**39 136**	**17 095**	**22 041**	**17 902**	**3 124**	**1 015**	**21 727**	**4 080**	**9 416**	**8 231**
Lacking complete plumbing facilities	602	71	55	16	16	–	–	531	9	202	320
1.01 or more	152	9	9	–	–	–	–	143	–	43	100
Renter-occupied housing units	**77 892**	**58 315**	**27 478**	**30 837**	**24 775**	**3 006**	**3 056**	**19 577**	**4 639**	**8 319**	**6 619**
Lacking complete plumbing facilities	816	205	117	88	77	7	4	611	22	195	394
1.01 or more	183	36	27	9	9	–	–	147	15	76	56

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Table 40. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city				Total	Urban, outside urbanized area		
				Total	Urban		Rural		Place of 10,000 or more	Place of 2,500 to 9,999	Rural
					Inside urbanized area	Outside urbanized area					
Occupied housing units	**7 342**	**7 061**	**1 555**	**5 506**	**4 918**	**267**	**321**	**281**	**91**	**107**	**83**
TENURE											
Owner-occupied housing units	831	735	77	658	530	88	40	96	29	53	14
Renter-occupied housing units	6 511	6 326	1 478	4 848	4 388	179	281	185	62	54	69
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**831**	**735**	**77**	**658**	**530**	**88**	**40**	**96**	**29**	**53**	**14**
1989 to March 1990	29	29	–	29	21	8	–	–	–	–	–
1985 to 1988	80	50	5	45	33	12	–	30	6	24	–
1980 to 1984	167	145	14	131	109	11	11	22	8	–	14
1970 to 1979	296	261	32	229	176	42	11	35	6	29	–
1960 to 1969	157	157	11	146	123	15	8	–	–	–	–
1950 to 1959	57	57	5	52	42	–	10	–	–	–	–
1940 to 1949	36	36	10	26	26	–	–	–	–	–	–
1939 or earlier	9	–	–	–	–	–	–	9	9	–	–
Renter-occupied housing units	**6 511**	**6 326**	**1 478**	**4 848**	**4 388**	**179**	**281**	**185**	**62**	**54**	**69**
1989 to March 1990	65	65	11	54	54	–	–	–	–	–	–
1985 to 1988	358	347	27	320	300	14	6	11	–	–	11
1980 to 1984	675	645	104	541	493	27	21	30	–	4	26
1970 to 1979	2 418	2 368	527	1 841	1 628	93	120	50	16	18	16
1960 to 1969	1 103	1 045	373	672	635	20	17	58	23	25	10
1950 to 1959	1 033	1 033	301	732	705	–	27	–	–	–	–
1940 to 1949	558	545	82	463	390	13	60	13	13	–	–
1939 or earlier	301	278	53	225	183	12	30	23	10	7	6
BEDROOMS											
Owner-occupied housing units	**831**	**735**	**77**	**658**	**530**	**88**	**40**	**96**	**29**	**53**	**14**
None	13	6	–	6	6	–	–	7	–	–	7
1	66	66	10	56	52	4	–	–	–	–	–
2	250	218	28	190	172	18	–	32	23	9	–
3	340	283	30	253	183	46	24	57	6	44	7
4	134	134	9	125	100	20	5	–	–	–	–
5 or more	28	28	–	28	17	–	11	–	–	–	–
Renter-occupied housing units	**6 511**	**6 326**	**1 478**	**4 848**	**4 388**	**179**	**281**	**185**	**62**	**54**	**69**
None	428	416	229	187	162	19	6	12	–	7	5
1	1 156	1 080	457	623	571	22	30	76	35	15	26
2	2 359	2 324	446	1 878	1 674	55	149	35	–	14	21
3	1 724	1 683	263	1 420	1 272	69	79	41	27	3	11
4	758	752	83	669	638	14	17	6	–	–	6
5 or more	86	71	–	71	71	–	–	15	–	15	–
SOURCE OF WATER											
Public system or private company	7 275	7 027	1 551	5 476	4 898	267	311	248	91	98	59
Individual drilled well	7	7	–	7	7	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–	–
Some other source	60	27	4	23	13	–	10	33	–	9	24
SEWAGE DISPOSAL											
Public sewer	6 989	6 818	1 538	5 280	4 796	216	268	171	77	48	46
Septic tank or cesspool	295	194	4	190	86	51	53	101	14	50	37
Other means	58	49	13	36	36	–	–	9	–	9	–
KITCHEN FACILITIES											
Complete kitchen facilities	7 267	6 986	1 523	5 463	4 881	261	321	281	91	107	83
Lacking complete kitchen facilities	75	75	32	43	37	6	–	–	–	–	–
HOUSE HEATING FUEL											
Utility gas	256	242	92	150	150	–	–	14	7	–	7
Bottled, tank, or LP gas	73	67	11	56	36	11	9	6	6	–	–
Electricity	2 562	2 505	545	1 960	1 724	134	102	57	20	25	12
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–	–
Solar energy	43	32	–	32	19	6	7	11	11	–	–
Other fuel	8	8	8	–	–	–	–	–	–	–	–
No fuel used	4 400	4 207	899	3 308	2 989	116	203	193	47	82	64
VEHICLES AVAILABLE											
None	676	665	292	373	349	13	11	11	–	11	–
1	3 747	3 599	831	2 768	2 479	95	194	148	35	43	70
2	2 480	2 380	389	1 991	1 782	110	99	100	45	42	13
3	369	347	30	317	260	40	17	22	11	11	–
4	70	70	13	57	48	9	–	–	–	–	–
5 or more	–	–	–	–	–	–	–	–	–	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**831**	**735**	**77**	**658**	**530**	**88**	**40**	**96**	**29**	**53**	**14**
1989 to March 1990	141	132	10	122	103	14	5	9	–	9	–
1985 to 1988	297	248	28	220	172	48	–	49	6	29	14
1980 to 1984	134	120	14	106	90	5	11	14	14	–	–
1970 to 1979	192	168	9	159	114	21	24	24	9	15	–
1960 to 1969	50	50	11	39	39	–	–	–	–	–	–
1959 or earlier	17	17	5	12	12	–	–	–	–	–	–
Renter-occupied housing units	**6 511**	**6 326**	**1 478**	**4 848**	**4 388**	**179**	**281**	**185**	**62**	**54**	**69**
1989 to March 1990	3 651	3 556	687	2 869	2 636	132	101	95	24	22	49
1985 to 1988	2 489	2 424	581	1 843	1 647	42	154	65	31	19	15
1980 to 1984	250	232	131	101	75	–	26	18	–	13	5
1970 to 1979	101	94	59	35	30	5	–	7	7	–	–
1960 to 1969	15	15	15	–	–	–	–	–	–	–	–
1959 or earlier	5	5	5	–	–	–	–	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**831**	**735**	**77**	**658**	**530**	**88**	**40**	**96**	**29**	**53**	**14**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**6 511**	**6 326**	**1 478**	**4 848**	**4 388**	**179**	**281**	**185**	**62**	**54**	**69**
Lacking complete plumbing facilities	50	50	16	34	34	–	–	–	–	–	–
1.01 or more	36	36	16	20	20	–	–	–	–	–	–

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Table 41. **Occupancy, Fuel, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city				Total	Urban, outside urbanized area		Rural
				Total	Urban		Rural		Place of 10,000 or more	Place of 2,500 to 9,999	
					Inside urbanized area	Outside urbanized area					
Occupied housing units	**1 624**	**1 118**	**472**	**646**	**478**	**105**	**63**	**506**	**97**	**215**	**194**
TENURE											
Owner-occupied housing units	412	268	135	133	106	27	–	144	10	51	83
Renter-occupied housing units	1 212	850	337	513	372	78	63	362	87	164	111
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**412**	**268**	**135**	**133**	**106**	**27**	**–**	**144**	**10**	**51**	**83**
1989 to March 1990	7	–	–	–	–	–	–	7	–	–	7
1985 to 1988	35	7	–	7	7	–	–	28	–	–	28
1980 to 1984	41	15	15	–	–	–	–	26	–	6	20
1970 to 1979	168	123	60	63	45	18	–	45	10	23	12
1960 to 1969	73	64	33	31	22	9	–	9	–	9	–
1950 to 1959	45	38	20	18	18	–	–	7	–	–	7
1940 to 1949	21	21	7	14	14	–	–	–	–	–	–
1939 or earlier	22	–	–	–	–	–	–	22	–	13	9
Renter-occupied housing units	**1 212**	**850**	**337**	**513**	**372**	**78**	**63**	**362**	**87**	**164**	**111**
1989 to March 1990	42	11	–	11	11	–	–	31	–	23	8
1985 to 1988	81	35	4	31	17	6	8	46	18	19	9
1980 to 1984	109	42	14	28	21	–	7	67	5	36	26
1970 to 1979	303	210	58	152	92	47	13	93	29	34	30
1960 to 1969	318	282	122	160	137	12	11	36	14	22	–
1950 to 1959	141	112	36	76	58	13	5	29	13	9	7
1940 to 1949	89	74	38	36	23	–	13	15	–	–	15
1939 or earlier	129	84	65	19	13	–	6	45	8	21	16
BEDROOMS											
Owner-occupied housing units	**412**	**268**	**135**	**133**	**106**	**27**	**–**	**144**	**10**	**51**	**83**
None	14	–	–	–	–	–	–	14	–	–	14
1	22	8	8	–	–	–	–	14	–	–	14
2	155	104	64	40	29	11	–	51	10	7	34
3	153	94	38	56	49	7	–	59	–	38	21
4	50	44	20	24	15	9	–	6	–	6	–
5 or more	18	18	5	13	13	–	–	–	–	–	–
Renter-occupied housing units	**1 212**	**850**	**337**	**513**	**372**	**78**	**63**	**362**	**87**	**164**	**111**
None	105	82	67	15	–	7	8	23	–	14	9
1	313	218	105	113	73	22	18	95	37	27	31
2	411	287	135	152	127	6	19	124	27	46	51
3	339	227	16	211	150	43	18	112	23	73	16
4	34	30	8	22	22	–	–	4	–	4	–
5 or more	10	6	6	–	–	–	–	4	–	–	4
SOURCE OF WATER											
Public system or private company	1 528	1 118	472	646	478	105	63	410	97	205	108
Individual drilled well	5	–	–	–	–	–	–	5	–	5	–
Individual dug well	–	–	–	–	–	–	–	–	–	–	–
Some other source	91	–	–	–	–	–	–	91	–	5	86
SEWAGE DISPOSAL											
Public sewer	1 241	1 042	467	575	449	99	27	199	97	64	38
Septic tank or cesspool	337	69	5	64	29	6	29	268	–	146	122
Other means	46	7	–	7	–	–	7	39	–	5	34
KITCHEN FACILITIES											
Complete kitchen facilities	1 601	1 104	458	646	478	105	63	497	97	206	194
Lacking complete kitchen facilities	23	14	14	–	–	–	–	9	–	9	–
HOUSE HEATING FUEL											
Utility gas	62	46	32	14	14	–	–	16	–	16	–
Bottled, tank, or LP gas	48	16	–	16	16	–	–	32	13	5	14
Electricity	507	380	175	205	153	28	24	127	38	54	35
Fuel oil, kerosene, etc.	9	–	–	–	–	–	–	9	–	–	9
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	16	–	–	–	–	–	–	16	–	9	7
Solar energy	29	22	10	12	12	–	–	7	–	–	7
Other fuel	–	–	–	–	–	–	–	–	–	–	–
No fuel used	953	654	255	399	283	77	39	299	46	131	122
VEHICLES AVAILABLE											
None	141	120	94	26	15	11	–	21	–	14	7
1	734	473	208	265	193	21	51	261	77	78	106
2	578	414	151	263	193	58	12	164	15	68	81
3	116	61	6	55	49	6	–	55	5	50	–
4	41	41	13	28	28	–	–	–	–	–	–
5 or more	14	9	–	9	–	9	–	5	–	5	–
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**412**	**268**	**135**	**133**	**106**	**27**	**–**	**144**	**10**	**51**	**83**
1989 to March 1990	20	13	–	13	8	5	–	7	–	–	7
1985 to 1988	141	81	49	32	25	7	–	60	–	21	39
1980 to 1984	77	46	25	21	21	–	–	31	–	6	25
1970 to 1979	153	107	45	62	47	15	–	46	10	24	12
1960 to 1969	9	9	9	–	–	–	–	–	–	–	–
1959 or earlier	12	12	7	5	5	–	–	–	–	–	–
Renter-occupied housing units	**1 212**	**850**	**337**	**513**	**372**	**78**	**63**	**362**	**87**	**164**	**111**
1989 to March 1990	619	425	156	269	182	55	32	194	40	86	68
1985 to 1988	388	256	82	174	144	12	18	132	33	63	36
1980 to 1984	119	87	53	34	16	11	7	32	14	11	7
1970 to 1979	80	76	46	30	30	–	–	4	–	4	–
1960 to 1969	–	–	–	–	–	–	–	–	–	–	–
1959 or earlier	6	6	–	6	–	–	6	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**412**	**268**	**135**	**133**	**106**	**27**	**–**	**144**	**10**	**51**	**83**
Lacking complete plumbing facilities	26	–	–	–	–	–	–	26	–	–	26
1.01 or more	–	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**1 212**	**850**	**337**	**513**	**372**	**78**	**63**	**362**	**87**	**164**	**111**
Lacking complete plumbing facilities	37	26	26	–	–	–	–	11	–	5	6
1.01 or more	18	18	18	–	–	–	–	–	–	–	–

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Table 42. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area					Outside metropolitan area			
		Total	In central city	Not in central city				Urban, outside urbanized area		
				Total	Urban: Inside urbanized area	Urban: Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**202 865**	**155 572**	**86 596**	**68 976**	**56 744**	**8 519**	**3 713**	**47 293**	**16 657**	**15 263**	**15 373**
TENURE											
Owner-occupied housing units	128 069	96 694	45 689	51 005	43 793	5 203	2 009	31 375	10 787	10 479	10 109
Renter-occupied housing units	74 796	58 878	40 907	17 971	12 951	3 316	1 704	15 918	5 870	4 784	5 264
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**128 069**	**96 694**	**45 689**	**51 005**	**43 793**	**5 203**	**2 009**	**31 375**	**10 787**	**10 479**	**10 109**
1989 to March 1990	2 338	1 536	243	1 293	1 138	44	111	802	164	329	309
1985 to 1988	11 562	7 919	1 633	6 286	5 724	413	149	3 643	939	1 524	1 180
1980 to 1984	11 966	8 030	3 109	4 921	3 938	530	453	3 936	1 117	1 806	1 013
1970 to 1979	34 860	25 776	11 340	14 436	12 076	1 868	492	9 084	2 994	3 463	2 627
1960 to 1969	29 840	24 979	11 556	13 423	11 825	1 291	307	4 861	2 223	1 352	1 286
1950 to 1959	20 927	17 109	9 253	7 856	6 975	559	322	3 818	1 716	865	1 237
1940 to 1949	8 305	6 227	4 593	1 634	1 335	190	109	2 078	822	439	817
1939 or earlier	8 271	5 118	3 962	1 156	782	308	66	3 153	812	701	1 640
Renter-occupied housing units	**74 796**	**58 878**	**40 907**	**17 971**	**12 951**	**3 316**	**1 704**	**15 918**	**5 870**	**4 784**	**5 264**
1989 to March 1990	1 305	872	643	229	159	60	10	433	78	230	125
1985 to 1988	3 841	2 393	1 166	1 227	996	155	76	1 448	281	620	547
1980 to 1984	6 308	4 198	2 536	1 662	1 321	231	110	2 110	712	868	530
1970 to 1979	21 024	16 740	11 553	5 187	3 578	1 184	425	4 284	2 047	1 295	942
1960 to 1969	18 333	16 086	11 872	4 214	3 267	711	236	2 247	1 104	682	461
1950 to 1959	10 950	9 400	6 754	2 646	1 945	416	285	1 550	690	412	448
1940 to 1949	6 051	4 789	3 230	1 559	958	327	274	1 262	403	182	677
1939 or earlier	6 984	4 400	3 153	1 247	727	232	288	2 584	555	495	1 534
BEDROOMS											
Owner-occupied housing units	**128 069**	**96 694**	**45 689**	**51 005**	**43 793**	**5 203**	**2 009**	**31 375**	**10 787**	**10 479**	**10 109**
None	2 379	2 109	1 585	524	450	47	27	270	86	80	104
1	12 347	10 391	6 473	3 918	3 153	506	259	1 956	595	712	649
2	26 741	20 689	10 827	9 862	8 262	1 141	459	6 052	1 967	2 115	1 970
3	60 046	41 572	16 712	24 860	21 598	2 394	868	18 474	6 349	6 090	6 035
4	18 360	14 903	6 239	8 664	7 532	878	254	3 457	1 279	1 149	1 029
5 or more	8 196	7 030	3 853	3 177	2 798	237	142	1 166	511	333	322
Renter-occupied housing units	**74 796**	**58 878**	**40 907**	**17 971**	**12 951**	**3 316**	**1 704**	**15 918**	**5 870**	**4 784**	**5 264**
None	10 983	9 506	8 363	1 143	675	301	167	1 477	721	387	369
1	22 667	18 940	15 230	3 710	2 630	701	379	3 727	1 668	1 108	951
2	23 295	18 479	12 136	6 343	4 561	1 192	590	4 816	1 715	1 435	1 666
3	14 130	9 231	3 960	5 271	3 886	907	478	4 899	1 402	1 560	1 937
4	2 878	2 125	829	1 296	1 021	192	83	753	269	210	274
5 or more	843	597	389	208	178	23	7	246	95	84	67
SOURCE OF WATER											
Public system or private company	200 721	155 267	86 512	68 755	56 636	8 507	3 612	45 454	16 613	14 573	14 268
Individual drilled well	224	144	23	121	79	–	42	80	–	32	48
Individual dug well	60	30	12	18	8	5	5	30	–	15	15
Some other source	1 860	131	49	82	21	7	54	1 729	44	643	1 042
SEWAGE DISPOSAL											
Public sewer	165 851	145 474	85 426	60 048	53 663	4 918	1 467	20 377	10 114	5 697	4 566
Septic tank or cesspool	35 334	9 239	673	8 566	2 924	3 460	2 182	26 095	6 444	9 301	10 350
Other means	1 680	859	497	362	157	141	64	821	99	265	457
KITCHEN FACILITIES											
Complete kitchen facilities	200 484	153 867	85 377	68 490	56 464	8 389	3 637	46 617	16 499	15 091	15 027
Lacking complete kitchen facilities	2 381	1 705	1 219	486	280	130	76	676	158	172	346
HOUSE HEATING FUEL											
Utility gas	8 470	7 730	5 839	1 891	1 691	193	7	740	432	180	128
Bottled, tank, or LP gas	4 793	1 700	847	853	524	197	132	3 093	671	1 070	1 352
Electricity	91 615	75 726	41 479	34 247	28 703	3 629	1 915	15 889	7 006	5 027	3 856
Fuel oil, kerosene, etc.	265	29	16	13	13	–	–	236	47	91	98
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	373	26	7	19	19	–	–	347	30	115	202
Solar energy	4 015	2 507	1 103	1 404	1 142	194	68	1 508	559	559	390
Other fuel	71	57	35	22	4	18	–	14	–	–	14
No fuel used	93 263	67 797	37 270	30 527	24 648	4 288	1 591	25 466	7 912	8 221	9 333
VEHICLES AVAILABLE											
None	21 578	18 184	14 441	3 743	2 591	761	391	3 394	1 274	841	1 279
1	65 698	52 019	34 505	17 514	13 744	2 719	1 051	13 679	5 258	3 938	4 483
2	70 505	52 165	24 145	28 020	23 498	3 088	1 434	18 340	6 163	6 316	5 861
3	28 851	21 011	8 857	12 154	10 604	1 118	432	7 840	2 596	2 771	2 473
4	11 104	8 440	3 124	5 316	4 480	527	309	2 664	916	889	859
5 or more	5 129	3 753	1 524	2 229	1 827	306	96	1 376	450	508	418
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**128 069**	**96 694**	**45 689**	**51 005**	**43 793**	**5 203**	**2 009**	**31 375**	**10 787**	**10 479**	**10 109**
1989 to March 1990	9 531	7 524	3 069	4 455	3 960	320	175	2 007	473	814	720
1985 to 1988	25 275	19 483	8 436	11 047	9 742	966	339	5 792	1 759	2 272	1 761
1980 to 1984	15 734	11 495	4 974	6 521	5 114	832	575	4 239	1 331	1 718	1 190
1970 to 1979	32 570	23 853	10 153	13 700	11 629	1 657	414	8 717	2 886	3 103	2 728
1960 to 1969	22 652	17 835	8 376	9 459	8 471	754	234	4 817	2 127	1 162	1 528
1959 or earlier	22 307	16 504	10 681	5 823	4 877	674	272	5 803	2 211	1 410	2 182
Renter-occupied housing units	**74 796**	**58 878**	**40 907**	**17 971**	**12 951**	**3 316**	**1 704**	**15 918**	**5 870**	**4 784**	**5 264**
1989 to March 1990	21 419	16 480	11 106	5 374	4 058	1 018	298	4 939	1 763	1 726	1 450
1985 to 1988	26 287	20 809	13 983	6 826	4 987	1 292	547	5 478	2 234	1 581	1 663
1980 to 1984	12 368	9 831	7 122	2 709	1 948	466	295	2 537	981	821	735
1970 to 1979	9 101	7 561	5 579	1 982	1 403	313	266	1 540	482	401	657
1960 to 1969	3 223	2 597	1 984	613	352	114	147	626	286	97	243
1959 or earlier	2 398	1 600	1 133	467	203	113	151	798	124	158	516
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**128 069**	**96 694**	**45 689**	**51 005**	**43 793**	**5 203**	**2 009**	**31 375**	**10 787**	**10 479**	**10 109**
Lacking complete plumbing facilities	528	257	98	159	90	56	13	271	32	73	166
1.01 or more	144	86	17	69	18	42	9	58	–	16	42
Renter-occupied housing units	**74 796**	**58 878**	**40 907**	**17 971**	**12 951**	**3 316**	**1 704**	**15 918**	**5 870**	**4 784**	**5 264**
Lacking complete plumbing facilities	1 237	814	515	299	74	152	73	423	37	151	235
1.01 or more	599	407	240	167	64	73	30	192	–	66	126

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Table 43. Occupancy, Fuel, and Structural Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city					Urban, outside urbanized area		
				Total	Urban		Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
					Inside urbanized area	Outside urbanized area					
Occupied housing units	**19 344**	**13 228**	**4 716**	**8 512**	**6 686**	**1 185**	**641**	**6 116**	**1 485**	**2 533**	**2 098**
TENURE											
Owner-occupied housing units	7 074	4 382	1 040	3 342	2 578	581	183	2 692	514	1 256	922
Renter-occupied housing units	12 270	8 846	3 676	5 170	4 108	604	458	3 424	971	1 277	1 176
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**7 074**	**4 382**	**1 040**	**3 342**	**2 578**	**581**	**183**	**2 692**	**514**	**1 256**	**922**
1989 to March 1990	230	102	–	102	76	17	9	128	9	89	30
1985 to 1988	815	417	22	395	345	50	–	398	38	190	170
1980 to 1984	841	455	75	380	272	42	66	386	52	191	143
1970 to 1979	2 170	1 144	274	870	605	198	67	1 026	209	529	288
1960 to 1969	1 321	1 081	272	809	608	181	20	240	73	67	100
1950 to 1959	935	767	186	581	493	79	9	168	63	64	41
1940 to 1949	349	228	90	138	129	9	–	121	27	41	53
1939 or earlier	413	188	121	67	50	5	12	225	43	85	97
Renter-occupied housing units	**12 270**	**8 846**	**3 676**	**5 170**	**4 108**	**604**	**458**	**3 424**	**971**	**1 277**	**1 176**
1989 to March 1990	335	137	75	62	55	–	7	198	33	109	56
1985 to 1988	846	406	127	279	216	21	42	440	104	163	173
1980 to 1984	1 106	766	209	557	503	40	14	340	87	145	108
1970 to 1979	3 584	2 536	1 077	1 459	1 099	211	149	1 048	300	485	263
1960 to 1969	2 574	2 158	1 035	1 123	986	96	41	416	178	165	73
1950 to 1959	1 706	1 418	569	849	629	155	65	288	104	61	123
1940 to 1949	1 129	879	356	523	369	75	79	250	77	34	139
1939 or earlier	990	546	228	318	251	6	61	444	88	115	241
BEDROOMS											
Owner-occupied housing units	**7 074**	**4 382**	**1 040**	**3 342**	**2 578**	**581**	**183**	**2 692**	**514**	**1 256**	**922**
None	172	116	55	61	52	9	–	56	28	12	16
1	756	510	165	345	260	55	30	246	61	124	61
2	1 711	1 082	267	815	664	117	34	629	125	311	193
3	3 212	1 766	373	1 393	1 029	268	96	1 446	233	665	548
4	772	552	84	468	367	82	19	220	43	84	93
5 or more	451	356	96	260	206	50	4	95	24	60	11
Renter-occupied housing units	**12 270**	**8 846**	**3 676**	**5 170**	**4 108**	**604**	**458**	**3 424**	**971**	**1 277**	**1 176**
None	1 251	942	751	191	165	26	–	309	101	114	94
1	2 981	2 250	1 285	965	744	152	69	731	264	303	164
2	4 256	3 161	1 126	2 035	1 602	243	190	1 095	311	417	367
3	3 012	1 936	426	1 510	1 208	145	157	1 076	210	386	480
4	680	515	65	450	370	38	42	165	72	34	59
5 or more	90	42	23	19	19	–	–	48	13	23	12
SOURCE OF WATER											
Public system or private company	18 838	13 189	4 711	8 478	6 673	1 173	632	5 649	1 477	2 344	1 828
Individual drilled well	37	22	–	22	13	–	9	15	–	6	9
Individual dug well	–	–	–	–	–	–	–	–	–	–	–
Some other source	469	17	5	12	–	12	–	452	8	183	261
SEWAGE DISPOSAL											
Public sewer	14 644	12 137	4 658	7 479	6 297	820	362	2 507	1 102	824	581
Septic tank or cesspool	4 473	1 050	50	1 000	370	360	270	3 423	383	1 640	1 400
Other means	227	41	8	33	19	5	9	186	–	69	117
KITCHEN FACILITIES											
Complete kitchen facilities	18 934	12 987	4 549	8 438	6 625	1 185	628	5 947	1 470	2 452	2 025
Lacking complete kitchen facilities	410	241	167	74	61	–	13	169	15	81	73
HOUSE HEATING FUEL											
Utility gas	665	575	339	236	197	39	–	90	51	20	19
Bottled, tank, or LP gas	574	169	25	144	87	16	41	405	63	165	177
Electricity	7 196	5 632	1 905	3 727	2 961	511	255	1 564	448	644	472
Fuel oil, kerosene, etc.	10	4	–	4	4	–	–	6	–	6	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	71	18	6	12	12	–	–	53	–	9	44
Solar energy	270	121	25	96	75	21	–	149	45	65	39
Other fuel	5	–	–	–	–	–	–	5	–	–	5
No fuel used	10 553	6 709	2 416	4 293	3 350	598	345	3 844	878	1 624	1 342
VEHICLES AVAILABLE											
None	2 178	1 709	1 116	593	461	96	36	469	152	143	174
1	7 334	5 310	2 054	3 256	2 538	489	229	2 024	504	852	668
2	6 680	4 218	1 094	3 124	2 547	362	215	2 462	546	1 025	891
3	2 024	1 270	279	991	719	166	106	754	167	331	256
4	782	498	136	362	291	33	38	284	84	118	82
5 or more	346	223	37	186	130	39	17	123	32	64	27
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**7 074**	**4 382**	**1 040**	**3 342**	**2 578**	**581**	**183**	**2 692**	**514**	**1 256**	**922**
1989 to March 1990	683	446	102	344	271	59	14	237	38	129	70
1985 to 1988	1 819	1 083	208	875	686	159	30	736	149	307	280
1980 to 1984	1 213	700	112	588	396	98	94	513	107	247	159
1970 to 1979	1 761	1 028	291	737	580	134	23	733	104	408	221
1960 to 1969	865	631	127	504	426	73	5	234	57	65	112
1959 or earlier	733	494	200	294	219	58	17	239	59	100	80
Renter-occupied housing units	**12 270**	**8 846**	**3 676**	**5 170**	**4 108**	**604**	**458**	**3 424**	**971**	**1 277**	**1 176**
1989 to March 1990	5 089	3 672	1 446	2 226	1 793	253	180	1 417	379	552	486
1985 to 1988	4 837	3 554	1 366	2 188	1 785	231	172	1 283	411	479	393
1980 to 1984	1 307	931	461	470	337	57	76	376	129	138	109
1970 to 1979	796	558	307	251	180	49	22	238	28	102	108
1960 to 1969	165	97	68	29	7	14	8	68	24	6	38
1959 or earlier	76	34	28	6	6	–	–	42	–	–	42
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**7 074**	**4 382**	**1 040**	**3 342**	**2 578**	**581**	**183**	**2 692**	**514**	**1 256**	**922**
Lacking complete plumbing facilities	34	–	–	–	–	–	–	34	–	–	34
1.01 or more	8	–	–	–	–	–	–	8	–	–	8
Renter-occupied housing units	**12 270**	**8 846**	**3 676**	**5 170**	**4 108**	**604**	**458**	**3 424**	**971**	**1 277**	**1 176**
Lacking complete plumbing facilities	253	117	73	44	27	6	11	136	15	40	81
1.01 or more	81	46	20	26	15	6	5	35	15	8	12

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Table 44. Occupancy, Fuel, and Structural Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**132 781**	**93 459**	**42 980**	**50 479**	**40 824**	**5 777**	**3 878**	**39 322**	**8 283**	**16 906**	**14 133**
TENURE											
Owner-occupied housing units	58 774	37 861	16 693	21 168	17 237	2 938	993	20 913	3 902	9 038	7 973
Renter-occupied housing units	74 007	55 598	26 287	29 311	23 587	2 839	2 885	18 409	4 381	7 868	6 160
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**58 774**	**37 861**	**16 693**	**21 168**	**17 237**	**2 938**	**993**	**20 913**	**3 902**	**9 038**	**7 973**
1989 to March 1990	1 946	545	93	452	392	35	25	1 401	116	653	632
1985 to 1988	6 340	2 526	524	2 002	1 616	323	63	3 814	432	1 976	1 406
1980 to 1984	6 678	3 115	1 278	1 837	1 423	272	142	3 563	485	1 611	1 467
1970 to 1979	20 050	12 921	5 794	7 127	5 362	1 389	376	7 129	1 335	3 186	2 608
1960 to 1969	11 132	9 462	4 382	5 080	4 335	594	151	1 670	509	645	516
1950 to 1959	6 959	5 671	2 260	3 411	3 081	184	146	1 288	489	358	441
1940 to 1949	2 788	1 946	996	950	793	95	62	842	282	217	343
1939 or earlier	2 881	1 675	1 366	309	235	46	28	1 206	254	392	560
Renter-occupied housing units	**74 007**	**55 598**	**26 287**	**29 311**	**23 587**	**2 839**	**2 885**	**18 409**	**4 381**	**7 868**	**6 160**
1989 to March 1990	1 898	687	216	471	407	19	45	1 211	304	538	369
1985 to 1988	5 848	2 762	802	1 960	1 509	209	242	3 086	500	1 560	1 026
1980 to 1984	8 250	5 071	1 740	3 331	2 795	394	142	3 179	647	1 378	1 154
1970 to 1979	22 188	16 728	7 942	8 786	6 927	1 169	690	5 460	1 559	2 489	1 412
1960 to 1969	14 965	13 122	7 472	5 650	4 682	581	387	1 843	591	726	526
1950 to 1959	9 762	8 498	4 451	4 047	3 416	223	408	1 264	312	485	467
1940 to 1949	6 156	5 315	2 030	3 285	2 393	135	757	841	229	253	359
1939 or earlier	4 940	3 415	1 634	1 781	1 458	109	214	1 525	239	439	847
BEDROOMS											
Owner-occupied housing units	**58 774**	**37 861**	**16 693**	**21 168**	**17 237**	**2 938**	**993**	**20 913**	**3 902**	**9 038**	**7 973**
None	1 404	896	703	193	74	102	17	508	56	220	232
1	6 415	4 181	3 132	1 049	732	181	136	2 234	452	789	993
2	14 490	8 808	4 937	3 871	3 062	485	324	5 682	929	2 244	2 509
3	24 653	15 375	4 731	10 644	8 772	1 500	372	9 278	1 760	4 546	2 972
4	8 799	6 520	2 260	4 260	3 652	546	62	2 279	486	891	902
5 or more	3 013	2 081	930	1 151	945	124	82	932	219	348	365
Renter-occupied housing units	**74 007**	**55 598**	**26 287**	**29 311**	**23 587**	**2 839**	**2 885**	**18 409**	**4 381**	**7 868**	**6 160**
None	7 121	5 447	4 155	1 292	816	346	130	1 674	385	806	483
1	17 277	12 723	9 112	3 611	2 642	436	533	4 554	1 365	1 857	1 332
2	24 020	17 567	8 095	9 472	7 588	805	1 079	6 453	1 436	2 813	2 204
3	19 256	14 475	3 786	10 689	8 758	967	964	4 781	1 011	2 012	1 758
4	5 549	4 807	947	3 860	3 467	227	166	742	118	326	298
5 or more	784	579	192	387	316	58	13	205	66	54	85
SOURCE OF WATER											
Public system or private company	127 963	93 191	42 814	50 377	40 796	5 769	3 812	34 772	8 209	15 404	11 159
Individual drilled well	265	55	–	55	20	8	27	210	8	45	157
Individual dug well	45	6	6	–	–	–	–	39	–	17	22
Some other source	4 508	207	160	47	8	–	39	4 301	66	1 440	2 795
SEWAGE DISPOSAL											
Public sewer	103 771	87 715	42 285	45 430	38 964	3 937	2 529	16 056	6 053	6 523	3 480
Septic tank or cesspool	27 763	5 477	567	4 910	1 772	1 797	1 341	22 286	2 223	10 072	9 991
Other means	1 247	267	128	139	88	43	8	980	7	311	662
KITCHEN FACILITIES											
Complete kitchen facilities	130 782	92 357	42 317	50 040	40 503	5 723	3 814	38 425	8 123	16 566	13 736
Lacking complete kitchen facilities	1 999	1 102	663	439	321	54	64	897	160	340	397
HOUSE HEATING FUEL											
Utility gas	2 511	2 230	1 209	1 021	929	71	21	281	134	96	51
Bottled, tank, or LP gas	2 015	359	147	212	129	63	20	1 656	140	613	903
Electricity	36 015	26 778	12 515	14 263	11 553	1 494	1 216	9 237	2 454	4 036	2 747
Fuel oil, kerosene, etc.	329	103	103	–	–	–	–	226	18	43	165
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 287	117	46	71	61	–	10	1 170	35	436	699
Solar energy	1 358	808	316	492	386	78	28	550	51	300	199
Other fuel	41	12	12	–	–	–	–	29	23	–	6
No fuel used	89 225	63 052	28 632	34 420	27 766	4 071	2 583	26 173	5 428	11 382	9 363
VEHICLES AVAILABLE											
None	11 340	9 328	7 595	1 733	1 241	347	145	2 012	738	721	553
1	53 630	38 999	20 255	18 744	14 918	2 003	1 823	14 631	3 352	6 023	5 256
2	49 336	33 478	11 494	21 984	18 152	2 384	1 448	15 858	2 995	6 974	5 889
3	13 291	8 347	2 680	5 667	4 598	708	361	4 944	874	2 417	1 653
4	3 642	2 252	681	1 571	1 285	219	67	1 390	254	602	534
5 or more	1 542	1 055	275	780	630	116	34	487	70	169	248
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**58 774**	**37 861**	**16 693**	**21 168**	**17 237**	**2 938**	**993**	**20 913**	**3 902**	**9 038**	**7 973**
1989 to March 1990	8 487	4 833	1 789	3 044	2 304	519	221	3 654	557	1 590	1 507
1985 to 1988	18 289	11 325	4 621	6 704	5 332	981	391	6 964	1 175	3 428	2 361
1980 to 1984	8 707	5 342	2 472	2 870	2 317	402	151	3 365	537	1 357	1 471
1970 to 1979	13 427	9 120	4 176	4 944	4 046	726	172	4 307	726	1 862	1 719
1960 to 1969	5 421	4 361	1 910	2 451	2 174	246	31	1 060	318	375	367
1959 or earlier	4 443	2 880	1 725	1 155	1 064	64	27	1 563	589	426	548
Renter-occupied housing units	**74 007**	**55 598**	**26 287**	**29 311**	**23 587**	**2 839**	**2 885**	**18 409**	**4 381**	**7 868**	**6 160**
1989 to March 1990	34 720	25 398	10 656	14 742	11 987	1 356	1 399	9 322	2 233	3 976	3 113
1985 to 1988	28 490	22 251	10 016	12 235	10 020	1 062	1 153	6 239	1 421	2 874	1 944
1980 to 1984	6 260	4 489	3 129	1 360	920	255	185	1 771	460	668	643
1970 to 1979	3 548	2 721	1 946	775	513	145	117	827	207	288	332
1960 to 1969	678	564	425	139	98	15	26	114	44	31	39
1959 or earlier	311	175	115	60	49	6	5	136	16	31	89
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**58 774**	**37 861**	**16 693**	**21 168**	**17 237**	**2 938**	**993**	**20 913**	**3 902**	**9 038**	**7 973**
Lacking complete plumbing facilities	582	71	55	16	16	–	–	511	9	202	300
1.01 or more	144	9	9	–	–	–	–	135	–	43	92
Renter-occupied housing units	**74 007**	**55 598**	**26 287**	**29 311**	**23 587**	**2 839**	**2 885**	**18 409**	**4 381**	**7 868**	**6 160**
Lacking complete plumbing facilities	719	187	107	80	69	7	4	532	7	176	349
1.01 or more	160	36	27	9	9	–	–	124	–	68	56

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Table 45. Social and Financial Characteristics of Housing Units With a White Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**138 755**	**97 451**	**44 573**	**52 878**	**42 677**	**6 130**	**4 071**	**41 304**	**8 719**	**17 735**	**14 850**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**22 904**	**15 330**	**10 191**	**5 139**	**4 223**	**517**	**399**	**7 574**	**1 981**	**2 864**	**2 729**
Owner occupied	15 702	9 964	6 106	3 858	3 333	333	192	5 738	1 383	2 223	2 132
1-person households	9 369	6 280	4 801	1 479	1 149	153	177	3 089	986	1 072	1 031
Built 1939 or earlier	1 939	1 153	982	171	146	16	9	786	193	254	339
Mean household income in 1989 (dollars)	42 818	46 566	46 170	47 350	47 106	56 630	37 911	35 232	29 324	38 739	35 841
Female householder, no husband present	8 304	5 632	4 102	1 530	1 308	113	109	2 672	934	945	793
Lacking complete plumbing facilities	47	13	13	–	–	–	–	34	–	15	19
No vehicle available	4 951	3 933	3 312	621	482	86	53	1 018	464	281	273
No telephone in unit	415	257	185	72	29	31	12	158	20	47	91
1-person households	349	228	185	43	26	5	12	121	20	35	66
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**2 472**	**1 006**	**668**	**338**	**244**	**77**	**17**	**1 466**	**205**	**543**	**718**
Married-couple families	808	258	145	113	90	17	6	550	93	211	246
With own children under 18 years	353	75	30	45	41	4	–	278	29	102	147
Families with female householder	203	67	44	23	6	17	–	136	19	51	66
With own children under 18 years	142	53	36	17	–	17	–	89	16	34	39
Householder worked in 1989	961	324	202	122	83	39	–	637	60	218	359
With public assistance income	264	57	31	26	6	9	11	207	24	78	105
With Social Security income	823	350	237	113	92	21	–	473	84	170	219
Built 1939 or earlier	273	124	108	16	6	4	6	149	23	31	95
Lacking complete plumbing facilities	177	3	3	–	–	–	–	174	–	71	103
No vehicle available	352	244	191	53	34	19	–	108	49	10	49
No telephone in unit	156	23	13	10	–	10	–	133	8	61	64
1.01 or more persons per room	224	72	41	31	21	4	6	152	17	41	94
Renter-occupied housing units	**7 667**	**4 418**	**2 417**	**2 001**	**1 436**	**365**	**200**	**3 249**	**883**	**1 195**	**1 171**
Married-couple families	1 508	1 016	200	816	588	164	64	492	127	221	144
With own children under 18 years	1 124	774	102	672	526	106	40	350	116	132	102
Families with female householder	1 765	819	336	483	371	99	13	946	281	358	307
With own children under 18 years	1 652	744	289	455	363	86	6	908	277	343	288
Householder worked in 1989	3 743	2 120	1 080	1 040	824	137	79	1 623	352	659	612
With public assistance income	2 306	1 182	585	597	352	157	88	1 124	448	329	347
With Social Security income	1 415	882	552	330	194	78	58	533	220	156	157
Built 1939 or earlier	602	298	220	78	44	29	5	304	45	90	169
Lacking complete plumbing facilities	300	48	32	16	16	–	–	252	7	55	190
No vehicle available	2 261	1 629	1 244	385	259	101	25	632	252	168	212
No telephone in unit	821	360	211	149	88	38	23	461	97	97	267
1.01 or more persons per room	1 115	636	226	410	242	117	51	479	194	139	146
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**37 313**	**39 387**	**37 697**	**40 415**	**41 319**	**40 755**	**31 039**	**33 619**	**31 708**	**36 255**	**31 820**
Owner occupied (dollars)	50 304	56 537	54 967	57 434	59 135	50 355	51 031	38 992	37 917	41 033	36 850
Renter occupied (dollars)	30 359	30 764	30 641	30 853	31 392	29 010	26 837	28 692	26 536	31 199	27 233
Specified owner-occupied housing units	**42 661**	**25 328**	**8 150**	**17 178**	**13 921**	**2 530**	**727**	**17 333**	**3 068**	**7 753**	**6 512**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	31 011	20 220	5 756	14 464	11 694	2 195	575	10 791	1 897	5 373	3 521
Less than $200	235	87	66	21	14	7	–	148	30	42	76
$200 to $299	644	319	46	273	224	16	33	325	46	141	138
$300 to $399	1 535	706	146	560	455	94	11	829	138	370	321
$400 to $499	1 725	884	132	752	598	109	45	841	103	427	311
$500 to $599	1 578	830	273	557	391	135	31	748	159	301	288
$600 to $699	1 734	920	198	722	543	163	16	814	123	359	332
$700 to $799	1 757	957	270	687	508	123	56	800	147	385	268
$800 to $899	1 704	983	217	766	549	161	56	721	122	384	215
$900 to $999	1 701	985	251	734	517	199	18	716	139	394	183
$1,000 to $1,249	4 000	2 528	575	1 953	1 683	230	40	1 472	231	812	429
$1,250 to $1,499	4 353	3 081	591	2 490	1 971	449	70	1 272	286	669	317
$1,500 to $1,999	5 237	4 076	1 104	2 972	2 494	357	121	1 161	224	609	328
$2,000 or more	4 808	3 864	1 887	1 977	1 747	152	78	944	149	480	315
Median (dollars)	1 181	1 324	1 551	1 271	1 296	1 098	1 134	923	959	970	811
Mean (dollars)	1 322	1 458	1 814	1 317	1 349	1 153	1 280	1 068	1 087	1 090	1 023
Not mortgaged	11 650	5 108	2 394	2 714	2 227	335	152	6 542	1 171	2 380	2 991
Less than $100	1 791	158	33	125	53	30	42	1 633	233	477	923
$100 to $199	5 255	2 198	825	1 373	1 118	208	47	3 057	664	1 022	1 371
$200 to $299	2 852	1 618	855	763	678	74	11	1 234	220	548	466
$300 to $399	943	600	322	278	235	–	43	343	34	210	99
$400 to $499	350	209	119	90	81	7	2	141	8	49	84
$500 or more	459	325	240	85	62	16	7	134	12	74	48
Median (dollars)	176	210	235	191	196	157	170	144	148	165	132
Mean (dollars)	205	248	280	219	221	203	223	172	163	194	157
Specified renter-occupied housing units	**77 176**	**58 060**	**27 426**	**30 634**	**24 665**	**2 952**	**3 017**	**19 116**	**4 621**	**8 226**	**6 269**
GROSS RENT											
Less than $100	442	237	139	98	41	13	44	205	36	41	128
$100 to $149	829	490	292	198	156	6	36	339	131	90	118
$150 to $199	759	327	221	106	55	32	19	432	113	130	189
$200 to $249	652	390	269	121	71	33	17	262	79	98	85
$250 to $299	1 067	621	354	267	152	80	35	446	160	93	193
$300 to $349	1 607	913	537	376	266	84	26	694	269	176	249
$350 to $399	2 325	1 491	682	809	606	69	134	834	262	231	341
$400 to $449	2 594	1 866	1 010	856	659	135	62	728	240	255	233
$450 to $499	2 943	2 028	1 240	788	611	93	84	915	325	295	295
$500 to $549	3 005	2 061	1 381	680	373	176	131	944	289	380	275
$550 to $599	3 341	2 352	1 472	880	602	207	71	989	247	446	296
$600 to $649	3 283	2 512	1 681	831	597	149	85	771	264	311	196
$650 to $699	3 782	2 949	1 698	1 251	944	161	146	833	189	488	156
$700 to $749	4 349	3 342	1 874	1 468	1 045	257	166	1 007	253	503	251
$750 to $999	18 206	13 440	6 407	7 033	5 652	818	563	4 766	926	2 382	1 458
$1,000 or more	14 817	11 456	5 393	6 063	5 288	563	212	3 361	656	1 760	945
No cash rent	13 175	11 585	2 776	8 809	7 547	76	1 186	1 590	182	547	861
Median (dollars)	764	781	736	828	855	739	708	718	613	782	684
Mean (dollars)	801	823	787	863	893	782	707	743	668	811	709

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Table 46. Social and Financial Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**7 342**	**7 061**	**1 555**	**5 506**	**4 918**	**267**	**321**	**281**	**91**	**107**	**83**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**253**	**198**	**122**	**76**	**71**	**5**	**–**	**55**	**16**	**34**	**5**
Owner occupied	57	51	5	46	46	–	–	6	6	–	–
1-person households	129	90	76	14	9	5	–	39	10	24	5
Built 1939 or earlier	19	9	9	–	–	–	–	10	10	–	–
Mean household income in 1989 (dollars)	28 817	31 491	22 877	45 319	46 851	23 569	–	19 192	34 219	13 699	8 460
Female householder, no husband present	60	36	27	9	9	–	–	24	–	24	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	90	90	81	9	9	–	–	–	–	–	–
No telephone in unit	5	5	5	–	–	–	–	–	–	–	–
1-person households	5	5	5	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**25**	**18**	**–**	**18**	**18**	**–**	**–**	**7**	**–**	**–**	**7**
Married-couple families	7	–	–	–	–	–	–	7	–	–	7
With own children under 18 years	7	–	–	–	–	–	–	7	–	–	7
Families with female householder	–	–	–	–	–	–	–	–	–	–	–
With own children under 18 years	–	–	–	–	–	–	–	–	–	–	–
Householder worked in 1989	–	–	–	–	–	–	–	–	–	–	–
With public assistance income	9	9	–	9	9	–	–	–	–	–	–
With Social Security income	–	–	–	–	–	–	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	9	9	–	9	9	–	–	–	–	–	–
No telephone in unit	7	–	–	–	–	–	–	7	–	–	7
1.01 or more persons per room	7	–	–	–	–	–	–	7	–	–	7
Renter-occupied housing units	**427**	**402**	**110**	**292**	**257**	**28**	**7**	**25**	**7**	**7**	**11**
Married-couple families	259	248	45	203	184	12	7	11	–	–	11
With own children under 18 years	221	210	20	190	171	12	7	11	–	–	11
Families with female householder	57	57	6	51	47	4	–	–	–	–	–
With own children under 18 years	51	51	6	45	41	4	–	–	–	–	–
Householder worked in 1989	267	262	71	191	165	19	7	5	–	–	5
With public assistance income	138	113	14	99	90	9	–	25	7	7	11
With Social Security income	35	35	23	12	12	–	–	–	–	–	–
Built 1939 or earlier	15	8	8	–	–	–	–	7	–	7	–
Lacking complete plumbing facilities	9	9	–	9	9	–	–	–	–	–	–
No vehicle available	152	145	62	83	70	13	–	7	–	7	–
No telephone in unit	60	47	6	41	41	–	–	13	–	7	6
1.01 or more persons per room	94	88	20	68	64	4	–	6	–	–	6
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**27 085**	**27 148**	**27 604**	**27 046**	**27 185**	**31 687**	**25 247**	**22 875**	**47 708**	**25 694**	**19 279**
Owner occupied (dollars)	46 414	45 822	44 083	46 184	46 667	46 250	41 500	50 000	85 044	43 281	30 000
Renter occupied (dollars)	25 835	26 045	26 904	25 803	26 098	21 836	24 256	19 909	23 250	11 964	19 279
Specified owner-occupied housing units	**491**	**421**	**24**	**397**	**291**	**66**	**40**	**70**	**20**	**36**	**14**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	415	351	15	336	230	66	40	64	14	36	14
Less than $200	–	–	–	–	–	–	–	–	–	–	–
$200 to $299	–	–	–	–	–	–	–	–	–	–	–
$300 to $399	11	11	–	11	–	–	11	–	–	–	–
$400 to $499	12	5	–	5	–	–	5	7	–	–	7
$500 to $599	–	–	–	–	–	–	–	–	–	–	–
$600 to $699	17	11	–	11	–	11	–	6	–	6	–
$700 to $799	13	13	–	13	–	5	8	–	–	–	–
$800 to $899	34	26	–	26	20	6	–	8	–	8	–
$900 to $999	34	34	–	34	22	6	6	–	–	–	–
$1,000 to $1,249	54	41	5	36	36	–	–	13	6	7	–
$1,250 to $1,499	86	80	–	80	58	17	5	6	–	6	–
$1,500 to $1,999	110	102	5	97	71	21	5	8	8	–	–
$2,000 or more	44	28	5	23	23	–	–	16	–	9	7
Median (dollars)	1 344	1 358	1 750	1 350	1 409	1 324	725	1 212	1 563	1 143	1 250
Mean (dollars)	1 390	1 384	1 703	1 370	1 507	1 229	815	1 424	1 374	1 520	1 229
Not mortgaged	76	70	9	61	61	–	–	6	6	–	–
Less than $100	12	12	–	12	12	–	–	–	–	–	–
$100 to $199	43	43	5	38	38	–	–	–	–	–	–
$200 to $299	13	7	–	7	7	–	–	6	6	–	–
$300 to $399	4	4	4	–	–	–	–	–	–	–	–
$400 to $499	4	4	–	4	4	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–	–	–
Median (dollars)	170	164	195	158	158	–	–	225	225	–	–
Mean (dollars)	176	173	260	160	160	–	–	213	213	–	–
Specified renter-occupied housing units	**6 461**	**6 282**	**1 478**	**4 804**	**4 352**	**179**	**273**	**179**	**62**	**54**	**63**
GROSS RENT											
Less than $100	–	–	–	–	–	–	–	–	–	–	–
$100 to $149	–	–	–	–	–	–	–	–	–	–	–
$150 to $199	45	45	33	12	–	–	12	–	–	–	–
$200 to $249	25	13	8	5	5	–	–	12	7	–	5
$250 to $299	35	35	35	–	–	–	–	–	–	–	–
$300 to $349	189	189	23	166	159	7	–	–	–	–	–
$350 to $399	264	264	27	237	237	–	–	–	–	–	–
$400 to $449	255	244	49	195	175	14	6	11	–	–	11
$450 to $499	181	166	48	118	118	–	–	15	5	–	10
$500 to $549	123	111	27	84	74	4	6	12	5	7	–
$550 to $599	123	123	39	84	74	10	–	–	–	–	–
$600 to $649	278	253	108	145	118	11	16	25	18	7	–
$650 to $699	415	400	75	325	277	15	33	15	–	10	5
$700 to $749	323	287	98	189	151	11	27	36	10	–	26
$750 to $999	1 385	1 353	382	971	861	74	36	32	11	15	6
$1,000 or more	424	403	111	292	259	33	–	21	6	15	–
No cash rent	2 396	2 396	415	1 981	1 844	–	137	–	–	–	–
Median (dollars)	715	717	730	711	706	809	692	698	639	800	701
Mean (dollars)	733	734	738	732	729	837	663	702	668	863	597

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Table 47. Social and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**1 624**	**1 118**	**472**	**646**	**478**	**105**	**63**	**506**	**97**	**215**	**194**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**60**	**46**	**29**	**17**	**6**	**5**	**6**	**14**	**9**	**–**	**5**
Owner occupied	24	19	13	6	6	–	–	5	–	–	5
1-person households	30	21	21	–	–	–	–	9	9	–	–
Built 1939 or earlier	10	10	4	6	–	–	6	–	–	–	–
Mean household income in 1989 (dollars)	20 703	21 102	16 433	29 068	44 400	22 738	19 012	19 393	15 000	–	27 300
Female householder, no husband present	21	21	21	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	4	4	4	–	–	–	–	–	–	–	–
No vehicle available	8	8	8	–	–	–	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–	–	–
1-person households	–	–	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**28**	**12**	**6**	**6**	**–**	**6**	**–**	**16**	**–**	**–**	**16**
Married-couple families	13	6	6	–	–	–	–	7	–	–	7
With own children under 18 years	7	–	–	–	–	–	–	7	–	–	7
Families with female householder	9	–	–	–	–	–	–	9	–	–	9
With own children under 18 years	9	–	–	–	–	–	–	9	–	–	9
Householder worked in 1989	16	–	–	–	–	–	–	16	–	–	16
With public assistance income	–	–	–	–	–	–	–	–	–	–	–
With Social Security income	6	6	–	6	–	6	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	–	–	–	–	–	–	–
No telephone in unit	16	–	–	–	–	–	–	16	–	–	16
1.01 or more persons per room	7	–	–	–	–	–	–	7	–	–	7
Renter-occupied housing units	**234**	**118**	**36**	**82**	**28**	**19**	**35**	**116**	**30**	**53**	**33**
Married-couple families	47	26	9	17	4	–	13	21	5	9	7
With own children under 18 years	38	22	5	17	4	–	13	16	–	9	7
Families with female householder	81	31	6	25	7	11	7	50	12	25	13
With own children under 18 years	81	31	6	25	7	11	7	50	12	25	13
Householder worked in 1989	126	81	18	63	20	8	35	45	20	18	7
With public assistance income	117	59	19	40	15	11	14	58	18	20	20
With Social Security income	22	19	12	7	–	–	7	3	–	3	–
Built 1939 or earlier	30	14	14	–	–	–	–	16	8	8	–
Lacking complete plumbing facilities	15	4	4	–	–	–	–	11	–	5	6
No vehicle available	48	34	15	19	8	11	–	14	–	14	–
No telephone in unit	37	21	5	16	–	8	8	16	–	5	11
1.01 or more persons per room	73	49	9	40	11	8	21	24	5	12	7
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**30 529**	**33 768**	**32 917**	**35 109**	**41 371**	**27 188**	**13 015**	**20 795**	**19 750**	**25 750**	**16 905**
Owner occupied (dollars)	42 402	44 868	42 303	47 708	49 583	40 893	–	31 500	50 480	53 594	12 462
Renter occupied (dollars)	25 727	30 625	31 182	29 327	33 529	25 625	13 015	16 863	17 361	16 548	16 964
Specified owner-occupied housing units	**263**	**154**	**54**	**100**	**73**	**27**	**–**	**109**	**–**	**51**	**58**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	180	115	41	74	47	27	–	65	–	51	14
Less than $200	–	–	–	–	–	–	–	–	–	–	–
$200 to $299	–	–	–	–	–	–	–	–	–	–	–
$300 to $399	11	6	–	6	–	6	–	5	–	–	5
$400 to $499	17	9	9	–	–	–	–	8	–	8	–
$500 to $599	18	–	–	–	–	–	–	18	–	9	9
$600 to $699	6	–	–	–	–	–	–	6	–	6	–
$700 to $799	–	–	–	–	–	–	–	–	–	–	–
$800 to $899	6	6	–	6	6	–	–	–	–	–	–
$900 to $999	30	30	9	21	–	21	–	–	–	–	–
$1,000 to $1,249	13	13	–	13	13	–	–	–	–	–	–
$1,250 to $1,499	28	21	6	15	15	–	–	7	–	7	–
$1,500 to $1,999	36	30	17	13	13	–	–	6	–	6	–
$2,000 or more	15	–	–	–	–	–	–	15	–	15	–
Median (dollars)	1 038	1 125	1 354	1 077	1 325	927	–	613	–	1 339	561
Mean (dollars)	1 145	1 172	1 269	1 118	1 305	792	–	1 096	–	1 258	507
Not mortgaged	83	39	13	26	26	–	–	44	–	–	44
Less than $100	37	–	–	–	–	–	–	37	–	–	37
$100 to $199	35	28	7	21	21	–	–	7	–	–	7
$200 to $299	11	11	6	5	5	–	–	–	–	–	–
$300 to $399	–	–	–	–	–	–	–	–	–	–	–
$400 to $499	–	–	–	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–	–	–
Median (dollars)	116	170	146	171	171	–	–	100–	–	–	100–
Mean (dollars)	130	177	205	163	163	–	–	89	–	–	89
Specified renter-occupied housing units	**1 197**	**850**	**337**	**513**	**372**	**78**	**63**	**347**	**87**	**156**	**104**
GROSS RENT											
Less than $100	13	13	5	8	8	–	–	–	–	–	–
$100 to $149	22	6	–	6	–	6	–	16	5	5	6
$150 to $199	16	6	–	6	–	–	6	10	–	3	7
$200 to $249	13	13	13	–	–	–	–	–	–	–	–
$250 to $299	9	–	–	–	–	–	–	9	–	–	9
$300 to $349	27	10	10	–	–	–	–	17	–	8	9
$350 to $399	43	21	3	18	11	–	7	22	–	14	8
$400 to $449	78	46	25	21	21	–	–	32	8	20	4
$450 to $499	27	18	–	18	18	–	–	9	9	–	–
$500 to $549	108	58	43	15	4	11	–	50	22	19	9
$550 to $599	79	73	55	18	11	7	–	6	–	6	–
$600 to $649	45	40	15	25	20	–	5	5	–	5	–
$650 to $699	63	46	15	31	10	14	7	17	–	17	–
$700 to $749	41	35	20	15	15	–	–	6	–	–	6
$750 to $999	292	214	51	163	117	28	18	78	33	36	9
$1,000 or more	164	116	48	68	56	12	–	48	10	19	19
No cash rent	157	135	34	101	81	–	20	22	–	4	18
Median (dollars)	682	711	598	788	809	759	675	547	549	610	462
Mean (dollars)	731	759	704	799	826	779	655	670	690	682	631

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Table 48. Social and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area					Outside metropolitan area			
				Not in central city				Urban, outside urbanized area		
					Urban					
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**202 865**	**155 572**	**86 596**	**68 976**	**56 744**	**8 519**	**3 713**	**47 293**	**16 657**	**15 263**	**15 373**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**50 306**	**37 200**	**24 890**	**12 310**	**9 860**	**1 523**	**927**	**13 106**	**4 777**	**3 467**	**4 862**
Owner occupied	37 119	26 750	16 724	10 026	8 308	1 134	584	10 369	3 782	2 737	3 850
1-person households	12 573	9 120	7 091	2 029	1 488	374	167	3 453	1 334	906	1 213
Built 1939 or earlier	7 045	4 357	3 364	993	667	200	126	2 688	706	578	1 404
Mean household income in 1989 (dollars)	39 638	42 474	42 448	42 528	43 872	38 270	35 237	31 588	33 518	34 014	27 960
Female householder, no husband present	14 637	11 024	8 226	2 798	2 125	458	215	3 613	1 442	915	1 256
Lacking complete plumbing facilities	450	291	164	127	44	60	23	159	14	69	76
No vehicle available	10 398	8 425	6 807	1 618	1 185	254	179	1 973	704	465	804
No telephone in unit	1 139	790	592	198	109	65	24	349	88	108	153
1-person households	834	560	457	103	51	45	7	274	77	102	95
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**3 960**	**2 503**	**1 308**	**1 195**	**807**	**294**	**94**	**1 457**	**415**	**463**	**579**
Married-couple families	1 319	806	339	467	308	132	27	513	114	154	245
With own children under 18 years	561	270	58	212	116	85	11	291	42	104	145
Families with female householder	636	376	161	215	163	37	15	260	91	97	72
With own children under 18 years	347	186	61	125	89	21	15	161	48	68	45
Householder worked in 1989	1 257	756	355	401	320	36	45	501	141	180	180
With public assistance income	515	245	86	159	88	63	8	270	72	91	107
With Social Security income	1 493	804	412	392	282	93	17	689	222	169	298
Built 1939 or earlier	345	149	100	49	–	49	–	196	21	47	128
Lacking complete plumbing facilities	87	27	8	19	7	12	–	60	–	8	52
No vehicle available	946	614	448	166	105	51	10	332	89	64	179
No telephone in unit	275	146	59	87	16	71	–	129	15	31	83
1.01 or more persons per room	609	403	131	272	145	69	58	206	65	65	76
Renter-occupied housing units	**13 842**	**10 714**	**7 091**	**3 623**	**2 108**	**1 130**	**385**	**3 128**	**1 243**	**806**	**1 079**
Married-couple families	3 668	2 962	1 729	1 233	652	462	119	706	196	181	329
With own children under 18 years	2 588	2 033	1 024	1 009	521	404	84	555	117	167	271
Families with female householder	3 951	2 896	1 384	1 512	890	509	113	1 055	481	258	316
With own children under 18 years	3 416	2 436	1 092	1 344	792	459	93	980	464	241	275
Householder worked in 1989	5 277	4 092	2 634	1 458	908	436	114	1 185	396	355	434
With public assistance income	5 222	3 916	2 057	1 859	985	642	232	1 306	518	342	446
With Social Security income	3 074	2 242	1 684	558	366	115	77	832	319	174	339
Built 1939 or earlier	1 103	612	401	211	74	81	56	491	96	109	286
Lacking complete plumbing facilities	508	352	211	141	27	79	35	156	14	30	112
No vehicle available	6 335	5 341	4 059	1 282	831	287	164	994	459	204	331
No telephone in unit	1 900	1 335	813	522	290	149	83	565	167	148	250
1.01 or more persons per room	4 616	3 910	2 297	1 613	832	622	159	706	221	213	272
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**40 579**	**42 296**	**37 245**	**48 833**	**51 354**	**36 955**	**36 533**	**34 603**	**35 845**	**38 259**	**30 239**
Owner occupied (dollars)	50 718	54 091	51 762	55 649	57 075	45 749	44 931	41 163	44 510	43 613	35 023
Renter occupied (dollars)	25 681	26 053	25 008	29 129	31 271	20 901	26 272	24 139	22 658	27 061	22 681
Specified owner-occupied housing units	**102 668**	**74 179**	**30 556**	**43 623**	**37 195**	**4 672**	**1 756**	**28 489**	**9 846**	**9 583**	**9 060**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	69 883	52 631	17 798	34 833	30 119	3 453	1 261	17 252	6 012	6 615	4 625
Less than $200	615	261	102	159	147	8	4	354	86	114	154
$200 to $299	2 701	1 702	449	1 253	1 010	170	73	999	356	291	352
$300 to $399	4 975	3 164	869	2 295	1 787	385	123	1 811	593	595	623
$400 to $499	5 357	3 402	1 064	2 338	1 766	431	141	1 955	472	867	616
$500 to $599	5 191	3 491	1 301	2 190	1 773	296	121	1 700	638	476	586
$600 to $699	4 769	3 097	1 146	1 951	1 582	210	159	1 672	563	612	497
$700 to $799	5 062	3 356	1 076	2 280	1 909	277	94	1 706	734	602	370
$800 to $899	4 517	3 092	994	2 098	1 828	201	69	1 425	616	478	331
$900 to $999	4 204	3 177	1 069	2 108	1 857	172	79	1 027	372	383	272
$1,000 to $1,249	9 988	7 834	2 211	5 623	4 885	630	108	2 154	767	963	424
$1,250 to $1,499	8 459	7 352	2 226	5 126	4 692	308	126	1 107	357	587	163
$1,500 to $1,999	8 811	7 921	2 693	5 228	4 833	301	94	890	315	431	144
$2,000 or more	5 234	4 782	2 598	2 184	2 050	64	70	452	143	216	93
Median (dollars)	940	1 050	1 094	1 033	1 072	784	709	707	740	751	596
Mean (dollars)	1 066	1 150	1 272	1 088	1 120	874	905	810	822	866	712
Not mortgaged	32 785	21 548	12 758	8 790	7 076	1 219	495	11 237	3 834	2 968	4 435
Less than $100	3 477	1 186	457	729	371	256	102	2 291	661	465	1 165
$100 to $199	19 178	12 260	6 594	5 666	4 676	718	272	6 918	2 510	1 814	2 594
$200 to $299	7 880	6 216	4 235	1 981	1 702	201	78	1 664	564	557	543
$300 to $399	1 517	1 284	995	289	229	40	20	233	80	75	78
$400 to $499	386	312	253	59	53	–	6	74	7	21	46
$500 or more	347	290	224	66	45	4	17	57	12	36	9
Median (dollars)	168	181	192	165	170	140	148	142	144	154	132
Mean (dollars)	182	197	212	174	178	153	176	153	153	165	144
Specified renter-occupied housing units	**74 079**	**58 550**	**40 795**	**17 755**	**12 844**	**3 271**	**1 640**	**15 529**	**5 794**	**4 668**	**5 067**
GROSS RENT											
Less than $100	1 518	1 094	641	453	190	133	130	424	97	95	232
$100 to $149	2 599	1 686	1 174	512	286	133	93	913	266	179	468
$150 to $199	2 505	1 698	1 199	499	341	48	110	807	284	126	397
$200 to $249	2 352	1 558	1 072	486	270	100	116	794	243	178	373
$250 to $299	3 166	2 525	1 943	582	344	158	80	641	210	161	270
$300 to $349	3 824	2 925	2 175	750	479	206	65	899	425	197	277
$350 to $399	4 049	3 047	2 248	799	523	149	127	1 002	530	202	270
$400 to $449	4 434	3 498	2 557	941	734	111	96	936	465	238	233
$450 to $499	4 743	3 795	2 825	970	669	216	85	948	450	229	269
$500 to $549	5 607	4 690	3 634	1 056	739	278	39	917	327	290	300
$550 to $599	4 746	3 809	2 843	966	729	149	88	937	405	274	258
$600 to $649	4 319	3 657	2 561	1 096	750	269	77	662	354	177	131
$650 to $699	4 805	4 079	3 148	931	709	136	86	726	300	268	158
$700 to $749	3 870	3 386	2 486	900	644	189	67	484	179	187	118
$750 to $999	10 629	8 975	5 634	3 341	2 534	689	118	1 654	489	879	286
$1,000 or more	5 255	4 404	2 659	1 745	1 616	105	24	851	289	451	111
No cash rent	5 658	3 724	1 996	1 728	1 287	202	239	1 934	481	537	916
Median (dollars)	545	562	549	600	632	551	391	472	464	581	364
Mean (dollars)	579	595	581	631	674	563	423	511	504	624	407

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Table 49. Social and Financial Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Occupied housing units	**19 344**	**13 228**	**4 716**	**8 512**	**6 686**	**1 185**	**641**	**6 116**	**1 485**	**2 533**	**2 098**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**2 163**	**1 469**	**745**	**724**	**579**	**113**	**32**	**694**	**159**	**223**	**312**
Owner occupied	1 213	797	257	540	445	82	13	416	92	152	172
1-person households	635	441	313	128	98	25	5	194	57	66	71
Built 1939 or earlier	309	165	98	67	62	5	–	144	48	30	66
Mean household income in 1989 (dollars)	29 659	31 659	26 370	37 102	39 275	26 735	34 390	25 424	25 058	24 220	26 472
Female householder, no husband present	597	403	252	151	118	28	5	194	50	69	75
Lacking complete plumbing facilities	26	11	11	–	–	–	–	15	–	–	15
No vehicle available	615	510	389	121	103	13	5	105	35	35	35
No telephone in unit	65	45	31	14	11	3	–	20	–	–	20
1-person households	50	42	31	11	11	–	–	8	–	–	8
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**383**	**205**	**66**	**139**	**89**	**50**	**–**	**178**	**51**	**68**	**59**
Married-couple families	128	55	5	50	27	23	–	73	22	39	12
With own children under 18 years	29	8	–	8	–	8	–	21	–	21	–
Families with female householder	104	48	17	31	25	6	–	56	24	25	7
With own children under 18 years	88	39	17	22	16	6	–	49	24	18	7
Householder worked in 1989	162	73	33	40	40	–	–	89	33	31	25
With public assistance income	65	32	–	32	27	5	–	33	4	16	13
With Social Security income	119	80	5	75	47	28	–	39	18	–	21
Built 1939 or earlier	17	5	–	5	–	5	–	12	5	–	7
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	54	28	5	23	23	–	–	26	14	5	7
No telephone in unit	11	6	–	6	–	6	–	5	–	5	–
1.01 or more persons per room	82	62	9	53	40	13	–	20	9	11	–
Renter-occupied housing units	**2 373**	**1 612**	**697**	**915**	**602**	**214**	**99**	**761**	**269**	**232**	**260**
Married-couple families	462	318	131	187	135	26	26	144	49	40	55
With own children under 18 years	312	227	57	170	132	20	18	85	23	22	40
Families with female householder	1 061	754	191	563	332	170	61	307	94	135	78
With own children under 18 years	977	678	164	514	328	140	46	299	94	131	74
Householder worked in 1989	951	613	211	402	315	61	26	338	142	80	116
With public assistance income	1 066	758	306	452	278	106	68	308	107	82	119
With Social Security income	426	262	183	79	45	11	23	164	40	61	63
Built 1939 or earlier	184	89	52	37	26	–	11	95	16	29	50
Lacking complete plumbing facilities	89	49	34	15	15	–	–	40	–	8	32
No vehicle available	927	692	388	304	208	71	25	235	90	50	95
No telephone in unit	357	237	136	101	68	19	14	120	28	37	55
1.01 or more persons per room	675	510	178	332	163	125	44	165	69	60	36
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**31 176**	**32 012**	**30 216**	**32 936**	**33 544**	**32 527**	**29 375**	**29 420**	**26 401**	**32 646**	**27 424**
Owner occupied (dollars)	45 307	50 946	49 286	51 209	52 367	42 254	54 217	37 308	37 283	37 041	38 013
Renter occupied (dollars)	23 542	23 707	24 565	23 311	23 980	19 923	22 333	22 886	20 957	27 687	20 613
Specified owner-occupied housing units	**5 854**	**3 452**	**650**	**2 802**	**2 112**	**523**	**167**	**2 402**	**452**	**1 119**	**831**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	4 469	2 686	431	2 255	1 729	381	145	1 783	318	880	585
Less than $200	24	24	19	5	–	5	–	–	–	–	–
$200 to $299	137	39	5	34	31	3	–	98	5	54	39
$300 to $399	293	138	–	138	82	43	13	155	23	69	63
$400 to $499	399	180	31	149	91	36	22	219	19	126	74
$500 to $599	273	101	19	82	61	12	9	172	58	47	67
$600 to $699	372	160	34	126	85	21	20	212	26	113	73
$700 to $799	238	140	6	134	112	12	10	98	14	58	26
$800 to $899	303	136	12	124	90	27	7	167	24	103	40
$900 to $999	265	170	15	155	96	52	7	95	35	20	40
$1,000 to $1,249	770	534	79	455	378	61	16	236	35	100	101
$1,250 to $1,499	575	407	78	329	255	59	15	168	54	83	31
$1,500 to $1,999	552	433	73	360	299	43	18	119	20	79	20
$2,000 or more	268	224	60	164	149	7	8	44	5	28	11
Median (dollars)	973	1 119	1 236	1 099	1 143	970	742	731	832	748	648
Mean (dollars)	1 050	1 171	1 345	1 138	1 186	988	958	868	925	890	804
Not mortgaged	1 385	766	219	547	383	142	22	619	134	239	246
Less than $100	246	54	4	50	12	29	9	192	36	70	86
$100 to $199	735	395	115	280	206	65	9	340	71	127	142
$200 to $299	306	255	90	165	131	34	–	51	–	33	18
$300 to $399	69	46	10	36	25	7	4	23	14	9	–
$400 to $499	13	–	–	–	–	–	–	13	13	–	–
$500 or more	16	16	–	16	9	7	–	–	–	–	–
Median (dollars)	162	184	193	178	187	163	111	137	152	138	128
Mean (dollars)	173	195	201	193	194	205	111	146	173	144	132
Specified renter-occupied housing units	**12 149**	**8 792**	**3 669**	**5 123**	**4 072**	**604**	**447**	**3 357**	**965**	**1 250**	**1 142**
GROSS RENT											
Less than $100	197	129	62	67	22	34	11	68	7	27	34
$100 to $149	408	227	136	91	53	24	14	181	62	50	69
$150 to $199	349	187	113	74	55	10	9	162	57	47	58
$200 to $249	304	197	126	71	49	15	7	107	35	21	51
$250 to $299	371	249	179	70	38	27	5	122	51	30	41
$300 to $349	372	257	134	123	112	11	–	115	33	25	57
$350 to $399	517	346	116	230	202	15	13	171	78	42	51
$400 to $449	455	354	147	207	174	24	9	101	41	25	35
$450 to $499	694	484	230	254	160	44	50	210	113	41	56
$500 to $549	685	511	228	283	171	57	55	174	45	53	76
$550 to $599	786	582	311	271	198	67	6	204	38	124	42
$600 to $649	698	502	248	254	172	50	32	196	50	103	43
$650 to $699	741	499	239	260	235	12	13	242	81	103	58
$700 to $749	667	497	268	229	192	13	24	170	34	69	67
$750 to $999	2 396	1 787	629	1 158	932	141	85	609	141	264	204
$1,000 or more	993	700	256	444	378	53	13	293	70	187	36
No cash rent	1 516	1 284	247	1 037	929	7	101	232	29	39	164
Median (dollars)	613	623	589	659	685	578	550	587	496	658	524
Mean (dollars)	635	650	606	686	707	625	599	600	549	690	539

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Table 50. **Social and Financial Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city				Total	Urban, outside urbanized area		Rural
				Total	Urban		Rural		Place of 10,000 or more	Place of 2,500 to 9,999	
					Inside urbanized area	Outside urbanized area					
Occupied housing units	**132 781**	**93 459**	**42 980**	**50 479**	**40 824**	**5 777**	**3 878**	**39 322**	**8 283**	**16 906**	**14 133**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**22 173**	**14 769**	**9 905**	**4 864**	**3 986**	**493**	**385**	**7 404**	**1 917**	**2 817**	**2 670**
Owner occupied	15 286	9 645	5 999	3 646	3 145	309	192	5 641	1 333	2 192	2 116
1-person households	9 115	6 110	4 693	1 417	1 097	143	177	3 005	949	1 051	1 005
Built 1939 or earlier	1 827	1 074	931	143	118	16	9	753	176	238	339
Mean household income in 1989 (dollars)	43 264	47 170	46 740	48 044	47 747	58 183	38 132	35 473	29 459	39 169	35 891
Female householder, no husband present	8 068	5 474	4 004	1 470	1 258	103	109	2 594	903	924	767
Lacking complete plumbing facilities	47	13	13	–	–	–	–	34	–	15	19
No vehicle available	4 725	3 738	3 171	567	438	76	53	987	453	270	264
No telephone in unit	382	224	163	61	18	31	12	158	20	47	91
1-person households	316	195	163	32	15	5	12	121	20	35	66
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**2 354**	**948**	**641**	**307**	**225**	**65**	**17**	**1 406**	**191**	**530**	**685**
Married-couple families	782	250	145	105	82	17	6	532	84	202	246
With own children under 18 years	348	75	30	45	41	4	–	273	29	97	147
Families with female householder	194	58	35	23	6	17	–	136	19	51	66
With own children under 18 years	133	44	27	17	–	17	–	89	16	34	39
Householder worked in 1989	891	301	184	117	78	39	–	590	51	205	334
With public assistance income	264	57	31	26	6	9	11	207	24	78	105
With Social Security income	791	331	237	94	73	21	–	460	79	170	211
Built 1939 or earlier	268	124	108	16	6	4	6	144	18	31	95
Lacking complete plumbing facilities	177	3	3	–	–	–	–	174	–	71	103
No vehicle available	338	244	191	53	34	19	–	94	35	10	49
No telephone in unit	150	17	13	4	–	4	–	133	8	61	64
1.01 or more persons per room	198	55	32	23	13	4	6	143	8	41	94
Renter-occupied housing units	**6 991**	**3 983**	**2 184**	**1 799**	**1 271**	**336**	**192**	**3 008**	**807**	**1 100**	**1 101**
Married-couple families	1 389	935	156	779	571	152	56	454	126	196	132
With own children under 18 years	1 071	745	96	649	509	100	40	326	115	121	90
Families with female householder	1 511	653	279	374	275	86	13	858	257	313	288
With own children under 18 years	1 411	591	241	350	271	73	6	820	253	298	269
Householder worked in 1989	3 505	2 001	1 042	959	755	125	79	1 504	293	623	588
With public assistance income	2 074	1 040	518	522	294	140	88	1 034	417	306	311
With Social Security income	1 242	765	460	305	177	78	50	477	206	132	139
Built 1939 or earlier	543	271	205	66	32	29	5	272	45	71	156
Lacking complete plumbing facilities	277	38	22	16	16	–	–	239	7	55	177
No vehicle available	1 987	1 427	1 108	319	207	87	25	560	235	156	169
No telephone in unit	743	309	186	123	68	32	23	434	86	88	260
1.01 or more persons per room	985	570	190	380	220	117	43	415	163	106	146
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**37 677**	**39 868**	**38 168**	**40 857**	**41 805**	**41 020**	**31 281**	**33 947**	**32 510**	**36 484**	**31 974**
Owner occupied (dollars)	50 548	56 886	55 022	58 010	59 626	51 123	50 745	39 140	38 133	41 122	36 815
Renter occupied (dollars)	30 650	31 022	30 843	31 147	31 695	29 181	27 192	29 291	26 934	31 500	27 715
Specified owner-occupied housing units	**40 999**	**24 363**	**7 868**	**16 495**	**13 417**	**2 373**	**705**	**16 636**	**2 897**	**7 440**	**6 299**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	29 911	19 590	5 583	14 007	11 359	2 095	553	10 321	1 795	5 155	3 371
Less than $200	216	68	47	21	14	7	–	148	30	42	76
$200 to $299	614	306	46	260	211	16	33	308	46	127	135
$300 to $399	1 482	691	146	545	450	89	6	791	128	360	303
$400 to $499	1 631	839	112	727	580	102	45	792	84	411	297
$500 to $599	1 544	812	261	551	391	135	25	732	159	289	284
$600 to $699	1 590	856	185	671	504	151	16	734	106	331	297
$700 to $799	1 699	927	264	663	490	117	56	772	138	366	268
$800 to $899	1 613	946	210	736	525	155	56	667	100	360	207
$900 to $999	1 606	929	246	683	501	171	11	677	134	380	163
$1,000 to $1,249	3 804	2 417	558	1 859	1 600	223	36	1 387	225	775	387
$1,250 to $1,499	4 217	2 974	561	2 413	1 910	433	70	1 243	272	660	311
$1,500 to $1,999	5 148	4 008	1 078	2 930	2 465	344	121	1 140	224	588	328
$2,000 or more	4 747	3 817	1 869	1 948	1 718	152	78	930	149	466	315
Median (dollars)	1 195	1 334	1 572	1 280	1 304	1 117	1 198	930	979	976	812
Mean (dollars)	1 334	1 470	1 836	1 323	1 354	1 161	1 303	1 077	1 105	1 096	1 033
Not mortgaged	11 088	4 773	2 285	2 488	2 058	278	152	6 315	1 102	2 285	2 928
Less than $100	1 696	147	33	114	53	19	42	1 549	216	436	897
$100 to $199	4 968	2 021	765	1 256	1 025	184	47	2 947	618	977	1 352
$200 to $299	2 722	1 512	811	701	631	59	11	1 210	220	542	448
$300 to $399	909	575	317	258	215	–	43	334	28	207	99
$400 to $499	350	209	119	90	81	7	2	141	8	49	84
$500 or more	443	309	240	69	53	9	7	134	12	74	48
Median (dollars)	177	213	239	191	196	157	170	145	148	168	132
Mean (dollars)	206	250	284	219	223	191	223	173	164	197	157
Specified renter-occupied housing units	**73 334**	**55 354**	**26 235**	**29 119**	**23 488**	**2 785**	**2 846**	**17 980**	**4 363**	**7 793**	**5 824**
GROSS RENT											
Less than $100	396	213	121	92	41	13	38	183	36	27	120
$100 to $149	707	407	245	162	120	6	36	300	117	79	104
$150 to $199	694	290	188	102	51	32	19	404	96	124	184
$200 to $249	569	342	221	121	71	33	17	227	68	98	61
$250 to $299	966	560	305	255	146	74	35	406	146	83	177
$300 to $349	1 480	846	516	330	231	73	26	634	242	168	224
$350 to $399	2 171	1 390	639	751	554	69	128	781	247	222	312
$400 to $449	2 466	1 787	978	809	645	111	53	679	214	240	225
$450 to $499	2 716	1 858	1 148	710	574	93	43	858	306	278	274
$500 to $549	2 883	1 969	1 330	639	359	176	104	914	281	380	253
$550 to $599	3 110	2 214	1 394	820	562	187	71	896	236	377	283
$600 to $649	3 174	2 433	1 611	822	592	145	85	741	264	281	196
$650 to $699	3 564	2 837	1 663	1 174	867	161	146	727	166	430	131
$700 to $749	4 189	3 252	1 834	1 418	1 001	257	160	937	228	469	240
$750 to $999	17 280	12 736	6 106	6 630	5 347	744	539	4 544	901	2 291	1 352
$1,000 or more	14 387	11 118	5 257	5 861	5 127	535	199	3 269	637	1 718	914
No cash rent	12 582	11 102	2 679	8 423	7 200	76	1 147	1 480	178	528	774
Median (dollars)	769	784	739	831	859	735	715	727	620	791	693
Mean (dollars)	807	828	793	868	898	782	716	750	676	818	714

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 51. Household Income Characteristics of Housing Units With a White Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Specified owner-occupied housing units	**42 661**	**25 328**	**8 150**	**17 178**	**13 921**	**2 530**	**727**	**17 333**	**3 068**	**7 753**	**6 512**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	42 661	25 328	8 150	17 178	13 921	2 530	727	17 333	3 068	7 753	6 512
Less than 10 percent	10 786	5 669	2 234	3 435	2 935	372	128	5 117	879	1 990	2 248
10 to 14 percent	5 747	3 141	1 075	2 066	1 697	295	74	2 606	507	1 070	1 029
15 to 19 percent	5 665	3 496	1 080	2 416	1 900	389	127	2 169	408	986	775
20 to 24 percent	4 828	3 058	799	2 259	1 846	359	54	1 770	295	861	614
25 to 29 percent	4 281	2 790	711	2 079	1 654	348	77	1 491	258	723	510
30 to 34 percent	3 122	2 168	670	1 498	1 287	163	48	954	146	457	351
35 to 49 percent	4 536	3 104	902	2 202	1 729	358	115	1 432	246	845	341
50 percent or more	3 402	1 776	638	1 138	830	231	77	1 626	310	767	549
Not computed	294	126	41	85	43	15	27	168	19	54	95
Median	19.1	20.5	18.5	21.4	21.1	22.8	21.9	17.0	16.7	19.0	14.7
Less than $20,000	5 835	1 952	789	1 163	863	222	78	3 883	751	1 458	1 674
Less than 20 percent	2 641	685	257	428	329	83	16	1 956	390	620	946
20 to 24 percent	385	179	65	114	86	17	11	206	62	74	70
25 to 29 percent	297	97	56	41	30	11	–	200	23	86	91
30 to 34 percent	242	110	56	54	54	–	–	132	–	48	84
35 percent or more	2 017	782	314	468	321	96	51	1 235	257	576	402
Not computed	253	99	41	58	43	15	–	154	19	54	81
Median	21.9	28.2	29.6	26.3	24.7	26.6	50.0+	18.8	18.6	25.5	15.8
$20,000 to $34,999	6 349	2 663	804	1 859	1 374	390	95	3 686	618	1 567	1 501
Less than 20 percent	3 279	1 158	422	736	570	126	40	2 121	406	741	974
20 to 24 percent	520	227	81	146	83	56	7	293	22	212	59
25 to 29 percent	486	170	50	120	84	36	–	316	38	137	141
30 to 34 percent	312	138	31	107	96	11	–	174	6	80	88
35 percent or more	1 730	948	220	728	541	161	26	782	146	397	239
Not computed	22	22	–	22	–	–	22	–	–	–	–
Median	19.0	23.6	18.2	26.5	27.0	26.8	18.8	15.6	11.7	21.0	13.3
$35,000 to $49,999	7 802	4 204	1 105	3 099	2 373	559	167	3 598	626	1 681	1 291
Less than 20 percent	3 590	1 783	640	1 143	937	136	70	1 807	342	657	808
20 to 24 percent	774	353	69	284	184	89	11	421	67	179	175
25 to 29 percent	676	350	52	298	172	99	27	326	60	163	103
30 to 34 percent	780	476	75	401	338	38	25	304	60	173	71
35 percent or more	1 982	1 242	269	973	742	197	34	740	97	509	134
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	22.0	24.5	16.3	27.1	26.9	27.8	25.5	19.9	18.9	25.1	15.7
$50,000 or more	22 675	16 509	5 452	11 057	9 311	1 359	387	6 166	1 073	3 047	2 046
Less than 20 percent	12 688	8 680	3 070	5 610	4 696	711	203	4 008	656	2 028	1 324
20 to 24 percent	3 149	2 299	584	1 715	1 493	197	25	850	144	396	310
25 to 29 percent	2 822	2 173	553	1 620	1 368	202	50	649	137	337	175
30 to 34 percent	1 788	1 444	508	936	799	114	23	344	80	156	108
35 percent or more	2 209	1 908	737	1 171	955	135	81	301	56	130	115
Not computed	19	5	–	5	–	–	5	14	–	–	14
Median	18.1	19.2	17.9	19.8	19.9	19.4	19.3	15.5	16.2	15.7	14.6
Specified renter-occupied housing units	**77 176**	**58 060**	**27 426**	**30 634**	**24 665**	**2 952**	**3 017**	**19 116**	**4 621**	**8 226**	**6 269**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	77 176	58 060	27 426	30 634	24 665	2 952	3 017	19 116	4 621	8 226	6 269
Less than 10 percent	2 397	1 480	898	582	372	124	86	917	130	387	400
10 to 14 percent	5 145	3 638	1 974	1 664	1 235	292	137	1 507	381	612	514
15 to 19 percent	8 529	6 237	3 545	2 692	2 092	303	297	2 292	552	1 095	645
20 to 24 percent	8 898	6 430	3 630	2 800	2 254	311	235	2 468	650	1 043	775
25 to 29 percent	8 306	6 334	3 264	3 070	2 424	354	292	1 972	642	862	468
30 to 34 percent	6 375	4 859	2 623	2 236	1 883	237	116	1 516	422	650	444
35 to 49 percent	11 455	8 490	3 976	4 514	3 526	661	327	2 965	799	1 222	944
50 percent or more	12 287	8 679	4 526	4 153	3 256	556	341	3 608	804	1 669	1 135
Not computed	13 784	11 913	2 990	8 923	7 623	114	1 186	1 871	241	686	944
Median	29.0	29.2	28.3	30.1	30.4	30.7	27.7	28.6	28.7	28.7	28.5
Less than $10,000	7 634	4 525	2 947	1 578	1 053	305	220	3 109	911	1 155	1 043
Less than 20 percent	189	109	69	40	25	–	15	80	15	11	54
20 to 24 percent	217	174	94	80	56	6	18	43	20	16	7
25 to 29 percent	426	253	166	87	62	13	12	173	95	30	48
30 to 34 percent	280	150	135	15	–	15	–	130	52	9	69
35 percent or more	5 319	3 310	2 154	1 156	748	233	175	2 009	641	789	579
Not computed	1 203	529	329	200	162	38	–	674	88	300	286
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	14 033	10 728	4 778	5 950	4 662	675	613	3 305	860	1 250	1 195
Less than 20 percent	413	203	141	62	26	24	12	210	51	79	80
20 to 24 percent	414	274	183	91	69	16	6	140	39	23	78
25 to 29 percent	816	560	295	265	215	29	21	256	105	86	65
30 to 34 percent	931	635	315	320	231	50	39	296	51	96	149
35 percent or more	8 115	6 052	3 124	2 928	2 162	522	244	2 063	567	866	630
Not computed	3 344	3 004	720	2 284	1 959	34	291	340	47	100	193
Median	48.5	49.6	48.3	50.0+	50.0+	46.8	48.9	45.7	42.8	49.6	44.3
$20,000 to $34,999	23 338	18 141	7 908	10 233	8 303	718	1 212	5 197	1 180	2 190	1 827
Less than 20 percent	2 307	1 417	630	787	628	90	69	890	196	291	403
20 to 24 percent	2 293	1 554	958	596	423	81	92	739	255	264	220
25 to 29 percent	2 544	1 947	1 247	700	466	102	132	597	222	282	93
30 to 34 percent	2 912	2 401	1 411	990	816	104	70	511	184	215	112
35 percent or more	8 123	6 059	2 617	3 442	2 892	341	209	2 064	264	1 030	770
Not computed	5 159	4 763	1 045	3 718	3 078	–	640	396	59	108	229
Median	33.3	33.7	32.1	36.2	37.1	34.1	29.7	31.7	27.5	34.7	33.7
$35,000 or more	32 171	24 666	11 793	12 873	10 647	1 254	972	7 505	1 670	3 631	2 204
Less than 20 percent	13 162	9 626	5 577	4 049	3 020	605	424	3 536	801	1 713	1 022
20 to 24 percent	5 974	4 428	2 395	2 033	1 706	208	119	1 546	336	740	470
25 to 29 percent	4 520	3 574	1 556	2 018	1 681	210	127	946	220	464	262
30 to 34 percent	2 252	1 673	762	911	836	68	7	579	135	330	114
35 percent or more	2 185	1 748	607	1 141	980	121	40	437	131	206	100
Not computed	4 078	3 617	896	2 721	2 424	42	255	461	47	178	236
Median	20.7	21.0	19.8	22.5	23.2	20.0	18.6	20.0	20.2	20.1	19.5

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Table 52. Household Income Characteristics of Housing Units With a Black Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Specified owner-occupied housing units	**491**	**421**	**24**	**397**	**291**	**66**	**40**	**70**	**20**	**36**	**14**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	491	421	24	397	291	66	40	70	20	36	14
Less than 10 percent	52	46	4	42	42	–	–	6	6	–	–
10 to 14 percent	51	37	5	32	21	6	5	14	8	6	–
15 to 19 percent	62	56	5	51	27	5	19	6	6	–	–
20 to 24 percent	79	71	–	71	46	25	–	8	–	8	–
25 to 29 percent	57	51	–	51	46	–	5	6	–	6	–
30 to 34 percent	41	41	–	41	23	18	–	–	–	–	–
35 to 49 percent	73	59	10	49	32	6	11	14	–	7	7
50 percent or more	60	51	–	51	45	6	–	9	–	9	–
Not computed	16	9	–	9	9	–	–	7	–	–	7
Median	24.6	24.7	18.0	24.9	25.5	24.4	18.9	23.4	12.5	28.3	45.0
Less than $20,000	52	45	5	40	40	–	–	7	–	–	7
Less than 20 percent	20	20	5	15	15	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	16	16	–	16	16	–	–	–	–	–	–
Not computed	16	9	–	9	9	–	–	7	–	–	7
Median	18.0	18.0	17.5	50.0+	50.0+	–	–	–	–	–	–
$20,000 to $34,999	64	48	–	48	19	12	17	16	–	16	–
Less than 20 percent	23	23	–	23	12	–	11	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	41	25	–	25	7	12	6	16	–	16	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	38.5	35.8	–	35.8	10.0–	50.0	18.9	50.0+	–	50.0+	–
$35,000 to $49,999	97	89	5	84	49	25	10	8	–	8	–
Less than 20 percent	10	10	–	10	–	5	5	–	–	–	–
20 to 24 percent	33	25	–	25	14	11	–	8	–	8	–
25 to 29 percent	8	8	–	8	8	–	–	–	–	–	–
30 to 34 percent	9	9	–	9	–	9	–	–	–	–	–
35 percent or more	37	37	5	32	27	–	5	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	28.4	30.8	45.0	29.4	36.0	23.4	27.5	22.5	–	22.5	–
$50,000 or more	278	239	14	225	183	29	13	39	20	12	7
Less than 20 percent	112	86	9	77	63	6	8	26	20	6	–
20 to 24 percent	46	46	–	46	32	14	–	–	–	–	–
25 to 29 percent	49	43	–	43	38	–	5	6	–	6	–
30 to 34 percent	32	32	–	32	23	9	–	–	–	–	–
35 percent or more	39	32	5	27	27	–	–	7	–	–	7
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	22.9	23.6	13.0	23.9	24.5	23.0	19.1	14.8	12.5	20.0	45.0
Specified renter-occupied housing units	**6 461**	**6 282**	**1 478**	**4 804**	**4 352**	**179**	**273**	**179**	**62**	**54**	**63**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	6 461	6 282	1 478	4 804	4 352	179	273	179	62	54	63
Less than 10 percent	102	102	34	68	56	–	12	–	–	–	–
10 to 14 percent	268	268	60	208	208	–	–	–	–	–	–
15 to 19 percent	437	406	135	271	254	9	8	31	18	3	10
20 to 24 percent	442	431	134	297	266	18	13	11	–	–	11
25 to 29 percent	513	502	158	344	306	4	34	11	11	–	–
30 to 34 percent	474	464	106	358	278	53	27	10	5	–	5
35 to 49 percent	922	880	143	737	688	25	24	42	10	6	26
50 percent or more	883	809	274	535	447	70	18	74	18	45	11
Not computed	2 420	2 420	434	1 986	1 849	–	137	–	–	–	–
Median	32.7	32.4	30.0	33.1	32.9	36.4	30.2	45.2	32.0	50.0+	42.1
Less than $10,000	330	302	98	204	161	36	7	28	7	16	5
Less than 20 percent	–	–	–	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	13	13	8	5	5	–	–	–	–	–	–
30 to 34 percent	5	–	–	–	–	–	–	5	–	–	5
35 percent or more	275	252	71	181	138	36	7	23	7	16	–
Not computed	37	37	19	18	18	–	–	–	–	–	–
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	32.5
$10,000 to $19,999	1 818	1 752	411	1 341	1 236	30	75	66	–	29	37
Less than 20 percent	12	12	12	–	–	–	–	–	–	–	–
20 to 24 percent	49	49	23	26	19	7	–	–	–	–	–
25 to 29 percent	105	105	16	89	89	–	–	–	–	–	–
30 to 34 percent	100	100	21	79	79	–	–	–	–	–	–
35 percent or more	815	749	230	519	485	23	11	66	–	29	37
Not computed	737	737	109	628	564	–	64	–	–	–	–
Median	48.6	48.2	50.0+	46.8	46.2	50.0+	50.0+	50.0+	–	50.0+	47.1
$20,000 to $34,999	2 687	2 629	518	2 111	1 876	62	173	58	31	6	21
Less than 20 percent	267	257	46	211	199	–	12	10	–	–	10
20 to 24 percent	135	124	34	90	72	5	13	11	–	–	11
25 to 29 percent	272	267	110	157	129	–	28	5	5	–	–
30 to 34 percent	234	229	53	176	128	21	27	5	5	–	–
35 percent or more	623	596	111	485	425	36	24	27	21	6	–
Not computed	1 156	1 156	164	992	923	–	69	–	–	–	–
Median	32.0	31.9	29.4	32.9	33.0	36.3	29.8	33.0	37.7	45.0	20.2
$35,000 or more	1 626	1 599	451	1 148	1 079	51	18	27	24	3	–
Less than 20 percent	528	507	171	336	319	9	8	21	18	3	–
20 to 24 percent	258	258	77	181	175	6	–	–	–	–	–
25 to 29 percent	123	117	24	93	83	4	6	6	6	–	–
30 to 34 percent	135	135	32	103	71	32	–	–	–	–	–
35 percent or more	92	92	5	87	87	–	–	–	–	–	–
Not computed	490	490	142	348	344	–	4	–	–	–	–
Median	20.8	20.9	19.1	21.8	21.4	31.0	19.4	18.2	18.3	17.5	–

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Table 53. **Household Income Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city			Rural	Total	Urban, outside urbanized area		Rural
				Total	Urban				Place of 10,000 or more	Place of 2,500 to 9,999	
					Inside urbanized area	Outside urbanized area					
Specified owner-occupied housing units	**263**	**154**	**54**	**100**	**73**	**27**	**–**	**109**	**–**	**51**	**58**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	263	154	54	100	73	27	–	109	–	51	58
Less than 10 percent	73	30	9	21	21	–	–	43	–	8	35
10 to 14 percent	46	21	7	14	5	9	–	25	–	16	9
15 to 19 percent	21	16	9	7	7	–	–	5	–	–	5
20 to 24 percent	21	6	–	6	6	–	–	15	–	6	9
25 to 29 percent	35	35	–	35	28	7	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 to 49 percent	25	12	–	12	6	6	–	13	–	13	–
50 percent or more	42	34	29	5	–	5	–	8	–	8	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	18.0	25.6	50.0+	25.3	22.9	28.2	–	12.3	–	21.3	10.0–
Less than $20,000	53	25	19	6	–	6	–	28	–	–	28
Less than 20 percent	35	7	7	–	–	–	–	28	–	–	28
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	18	18	12	6	–	6	–	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	12.3	39.6	50.0+	37.5	–	37.5	–	10.0–	–	–	10.0–
$20,000 to $34,999	39	10	–	10	5	5	–	29	–	6	23
Less than 20 percent	19	5	–	5	5	–	–	14	–	–	14
20 to 24 percent	15	–	–	–	–	–	–	15	–	6	9
25 to 29 percent	–	–	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	5	5	–	5	–	5	–	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	20.2	32.5	–	32.5	12.5	50.0+	–	20.2	–	22.5	17.5
$35,000 to $49,999	70	48	17	31	24	7	–	22	–	15	7
Less than 20 percent	13	6	–	6	6	–	–	7	–	–	7
20 to 24 percent	6	6	–	6	6	–	–	–	–	–	–
25 to 29 percent	13	13	–	13	6	7	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	38	23	17	6	6	–	–	15	–	15	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	37.5	29.6	50.0+	26.3	25.0	27.5	–	45.7	–	50.0+	10.0–
$50,000 or more	101	71	18	53	44	9	–	30	–	30	–
Less than 20 percent	73	49	18	31	22	9	–	24	–	24	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	22	22	–	22	22	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	6	–	–	–	–	–	–	6	–	6	–
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	13.7	15.8	12.5	16.8	22.5	12.5	–	12.2	–	12.2	–
Specified renter-occupied housing units	**1 197**	**850**	**337**	**513**	**372**	**78**	**63**	**347**	**87**	**156**	**104**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	1 197	850	337	513	372	78	63	347	87	156	104
Less than 10 percent	51	51	29	22	16	6	–	–	–	–	–
10 to 14 percent	107	66	25	41	29	6	6	41	7	19	15
15 to 19 percent	62	52	5	47	35	–	12	10	–	5	5
20 to 24 percent	135	113	53	60	52	8	–	22	13	–	9
25 to 29 percent	105	66	44	22	16	6	–	39	5	15	19
30 to 34 percent	137	80	40	40	30	10	–	57	13	29	15
35 to 49 percent	137	114	31	83	58	25	–	23	9	14	–
50 percent or more	285	173	76	97	55	17	25	112	40	55	17
Not computed	178	135	34	101	81	–	20	43	–	19	24
Median	31.8	30.6	29.5	31.7	29.2	41.2	50.0+	33.5	38.1	35.4	27.9
Less than $10,000	219	104	56	48	15	11	22	115	35	50	30
Less than 20 percent	10	5	5	–	–	–	–	5	–	5	–
20 to 24 percent	8	8	–	8	8	–	–	–	–	–	–
25 to 29 percent	5	–	–	–	–	–	–	5	5	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–	–
35 percent or more	160	83	51	32	7	11	14	77	30	30	17
Not computed	36	8	–	8	–	–	8	28	–	15	13
Median	50.0+	50.0+	50.0+	50.0+	24.7	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	259	177	43	134	92	13	29	82	14	40	28
Less than 20 percent	18	6	–	6	–	–	6	12	–	–	12
20 to 24 percent	–	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	9	9	5	4	4	–	–	–	–	–	–
30 to 34 percent	29	8	–	8	8	–	–	21	–	12	9
35 percent or more	160	122	34	88	64	13	11	38	14	24	–
Not computed	43	32	4	28	16	–	12	11	–	4	7
Median	47.4	49.7	48.1	50.0	49.3	49.3	50.0+	36.0	38.9	50.0+	18.5
$20,000 to $34,999	328	255	131	124	89	28	7	73	31	32	10
Less than 20 percent	19	19	8	11	4	–	7	–	–	–	–
20 to 24 percent	64	51	40	11	11	–	–	13	13	–	–
25 to 29 percent	8	8	4	4	4	–	–	–	–	–	–
30 to 34 percent	86	50	40	10	–	10	–	36	13	17	6
35 percent or more	79	59	17	42	24	18	–	20	5	15	–
Not computed	72	68	22	46	46	–	–	4	–	–	4
Median	32.2	31.5	30.3	38.0	37.5	42.2	17.5	33.0	31.0	34.7	32.5
$35,000 or more	391	314	107	207	176	26	5	77	7	34	36
Less than 20 percent	173	139	46	93	76	12	5	34	7	19	8
20 to 24 percent	63	54	13	41	33	8	–	9	–	–	9
25 to 29 percent	83	49	35	14	8	6	–	34	–	15	19
30 to 34 percent	22	22	–	22	22	–	–	–	–	–	–
35 percent or more	23	23	5	18	18	–	–	–	–	–	–
Not computed	27	27	8	19	19	–	–	–	–	–	–
Median	20.7	20.4	21.3	20.1	20.4	20.6	17.5	22.5	12.5	14.5	25.3

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Table 54. Household Income Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Specified owner-occupied housing units	**102 668**	**74 179**	**30 556**	**43 623**	**37 195**	**4 672**	**1 756**	**28 489**	**9 846**	**9 583**	**9 060**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	102 668	74 179	30 556	43 623	37 195	4 672	1 756	28 489	9 846	9 583	9 060
Less than 10 percent	36 059	25 089	12 974	12 115	10 191	1 448	476	10 970	3 975	3 105	3 890
10 to 14 percent	15 426	11 066	4 603	6 463	5 493	695	275	4 360	1 637	1 285	1 438
15 to 19 percent	13 373	9 560	3 659	5 901	4 882	705	314	3 813	1 397	1 292	1 124
20 to 24 percent	11 010	7 913	2 605	5 308	4 623	461	224	3 097	1 004	1 212	881
25 to 29 percent	8 355	6 318	2 024	4 294	3 746	408	140	2 037	660	731	646
30 to 34 percent	5 870	4 544	1 433	3 111	2 733	271	107	1 326	332	649	345
35 to 49 percent	7 443	5 888	1 778	4 110	3 634	353	123	1 555	450	749	356
50 percent or more	4 787	3 571	1 348	2 223	1 844	304	75	1 216	372	517	327
Not computed	345	230	132	98	49	27	22	115	19	43	53
Median	14.9	15.4	12.4	17.7	18.0	16.3	16.8	13.7	12.9	16.5	12.1
Less than $20,000	11 799	6 291	2 951	3 340	2 416	651	273	5 508	1 535	1 619	2 354
Less than 20 percent	5 664	2 769	1 467	1 302	997	237	68	2 895	834	672	1 389
20 to 24 percent	1 148	602	308	294	193	58	43	546	177	145	224
25 to 29 percent	844	405	173	232	119	54	59	439	121	113	205
30 to 34 percent	572	314	132	182	121	26	35	258	47	113	98
35 percent or more	3 281	2 005	760	1 245	941	249	55	1 276	337	533	406
Not computed	290	196	111	85	45	27	13	94	19	43	32
Median	20.4	22.3	19.5	25.7	24.9	26.6	26.6	18.6	18.2	24.0	16.1
$20,000 to $34,999	15 832	9 678	4 097	5 581	4 398	896	287	6 154	2 031	1 899	2 224
Less than 20 percent	9 804	5 855	2 858	2 997	2 346	501	150	3 949	1 395	1 053	1 501
20 to 24 percent	1 198	571	202	369	256	81	32	627	159	237	231
25 to 29 percent	1 009	528	151	377	305	45	27	481	121	160	200
30 to 34 percent	839	468	144	324	249	43	32	371	113	148	110
35 percent or more	2 952	2 243	733	1 510	1 238	226	46	709	243	301	165
Not computed	30	13	9	4	4	–	–	17	–	–	17
Median	13.6	14.4	10.9	18.3	18.3	17.9	19.4	11.8	10.4	17.2	10.3
$35,000 to $49,999	19 374	13 233	5 112	8 121	6 685	1 066	370	6 141	2 052	2 158	1 931
Less than 20 percent	11 241	7 255	3 626	3 629	2 823	581	225	3 986	1 302	1 230	1 454
20 to 24 percent	1 938	1 167	335	832	649	120	63	771	288	268	215
25 to 29 percent	1 507	1 046	263	783	670	86	27	461	173	176	112
30 to 34 percent	1 645	1 250	298	952	812	129	11	395	121	199	75
35 percent or more	3 039	2 515	590	1 925	1 731	150	44	524	168	285	71
Not computed	4	–	–	–	–	–	–	4	–	–	4
Median	16.3	17.3	10.1	22.6	24.0	18.5	16.8	14.7	14.2	17.7	11.4
$50,000 or more	55 663	44 977	18 396	26 581	23 696	2 059	826	10 686	4 228	3 907	2 551
Less than 20 percent	38 149	29 836	13 285	16 551	14 400	1 529	622	8 313	3 478	2 727	2 108
20 to 24 percent	6 726	5 573	1 760	3 813	3 525	202	86	1 153	380	562	211
25 to 29 percent	4 995	4 339	1 437	2 902	2 652	223	27	656	245	282	129
30 to 34 percent	2 814	2 512	859	1 653	1 551	73	29	302	51	189	62
35 percent or more	2 958	2 696	1 043	1 653	1 568	32	53	262	74	147	41
Not computed	21	21	12	9	–	–	9	–	–	–	–
Median	13.9	14.5	11.9	16.0	16.4	13.0	14.1	11.8	11.5	13.6	10.0–
Specified renter-occupied housing units	**74 079**	**58 550**	**40 795**	**17 755**	**12 844**	**3 271**	**1 640**	**15 529**	**5 794**	**4 668**	**5 067**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	74 079	58 550	40 795	17 755	12 844	3 271	1 640	15 529	5 794	4 668	5 067
Less than 10 percent	5 350	3 602	2 179	1 423	813	249	361	1 748	391	435	922
10 to 14 percent	8 468	6 709	4 728	1 981	1 445	323	213	1 759	718	421	620
15 to 19 percent	9 929	8 123	5 836	2 287	1 825	309	153	1 806	752	499	555
20 to 24 percent	9 549	7 617	5 348	2 269	1 647	483	139	1 932	859	624	449
25 to 29 percent	8 311	6 701	4 887	1 814	1 401	257	156	1 610	611	615	384
30 to 34 percent	5 523	4 513	3 327	1 186	947	191	48	1 010	400	320	290
35 to 49 percent	8 183	6 688	4 838	1 850	1 496	250	104	1 495	605	453	437
50 percent or more	11 705	9 584	6 575	3 009	1 838	954	217	2 121	904	754	463
Not computed	7 061	5 013	3 077	1 936	1 432	255	249	2 048	554	547	947
Median	25.1	25.5	25.8	24.9	24.9	27.8	19.0	23.7	24.4	25.7	19.7
Less than $10,000	13 742	10 681	7 786	2 895	1 640	949	306	3 061	1 368	666	1 027
Less than 20 percent	708	534	351	183	82	50	51	174	63	31	80
20 to 24 percent	746	535	409	126	82	31	13	211	103	45	63
25 to 29 percent	1 278	909	709	200	158	35	7	369	141	113	115
30 to 34 percent	658	467	343	124	68	48	8	191	76	27	88
35 percent or more	7 939	6 379	4 548	1 831	965	671	195	1 560	799	318	443
Not computed	2 413	1 857	1 426	431	285	114	32	556	186	132	238
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	40.5
$10,000 to $19,999	14 709	11 602	8 428	3 174	2 253	632	289	3 107	1 085	904	1 118
Less than 20 percent	1 502	1 004	720	284	204	17	63	498	133	54	311
20 to 24 percent	1 192	918	713	205	90	86	29	274	99	73	102
25 to 29 percent	1 664	1 306	995	311	206	52	53	358	168	90	100
30 to 34 percent	1 585	1 300	1 032	268	197	64	7	285	116	88	81
35 percent or more	7 607	6 341	4 576	1 765	1 290	386	89	1 266	475	511	280
Not computed	1 159	733	392	341	266	27	48	426	94	88	244
Median	38.0	39.0	38.1	42.5	43.3	46.6	27.7	33.7	34.1	42.4	26.2
$20,000 to $34,999	20 132	15 551	11 137	4 414	3 279	695	440	4 581	1 575	1 496	1 510
Less than 20 percent	5 449	3 962	2 888	1 074	659	211	204	1 487	477	327	683
20 to 24 percent	3 504	2 693	1 997	696	499	148	49	811	402	210	199
25 to 29 percent	3 410	2 784	2 153	631	471	100	60	626	200	293	133
30 to 34 percent	2 333	1 943	1 503	440	362	65	13	390	158	138	94
35 percent or more	3 806	3 098	2 051	1 047	863	147	37	708	206	344	158
Not computed	1 630	1 071	545	526	425	24	77	559	132	184	243
Median	25.4	26.1	26.0	26.4	27.9	24.2	17.5	23.2	23.0	27.0	18.8
$35,000 or more	25 496	20 716	13 444	7 272	5 672	995	605	4 780	1 766	1 602	1 412
Less than 20 percent	16 088	12 934	8 784	4 150	3 138	603	409	3 154	1 188	943	1 023
20 to 24 percent	4 107	3 471	2 229	1 242	976	218	48	636	255	296	85
25 to 29 percent	1 959	1 702	1 030	672	566	70	36	257	102	119	36
30 to 34 percent	947	803	449	354	320	14	20	144	50	67	27
35 percent or more	536	454	238	216	216	–	–	82	29	34	19
Not computed	1 859	1 352	714	638	456	90	92	507	142	143	222
Median	16.4	16.7	16.4	17.3	17.9	15.9	11.9	14.7	15.2	16.5	11.3

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Table 55. Household Income Characteristics of Housing Units With an Hispanic Origin Householder: 1990

[Householders of Hispanic origin may be of any race. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
				Not in central city					Urban, outside urbanized area		
					Urban						
		Total	In central city	Total	Inside urbanized area	Outside urbanized area	Rural	Total	Place of 10,000 or more	Place of 2,500 to 9,999	Rural
Specified owner-occupied housing units	**5 854**	**3 452**	**650**	**2 802**	**2 112**	**523**	**167**	**2 402**	**452**	**1 119**	**831**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	5 854	3 452	650	2 802	2 112	523	167	2 402	452	1 119	831
Less than 10 percent	1 314	754	220	534	387	122	25	560	127	213	220
10 to 14 percent	859	488	98	390	285	64	41	371	47	163	161
15 to 19 percent	843	545	74	471	335	88	48	298	37	153	108
20 to 24 percent	750	380	72	308	262	38	8	370	52	182	136
25 to 29 percent	582	381	25	356	268	82	6	201	38	89	74
30 to 34 percent	456	282	44	238	170	49	19	174	39	105	30
35 to 49 percent	485	313	37	276	239	32	5	172	37	99	36
50 percent or more	518	281	76	205	157	42	6	237	75	96	66
Not computed	47	28	4	24	9	6	9	19	–	19	–
Median	19.3	19.3	15.3	19.9	20.8	19.1	16.4	19.4	21.4	20.6	16.6
Less than $20,000	832	351	67	284	188	96	–	481	119	200	162
Less than 20 percent	367	148	15	133	96	37	–	219	48	84	87
20 to 24 percent	34	10	5	5	5	–	–	24	–	9	15
25 to 29 percent	50	16	–	16	11	5	–	34	14	12	8
30 to 34 percent	39	17	–	17	–	17	–	22	–	22	–
35 percent or more	309	146	43	103	72	31	–	163	57	54	52
Not computed	33	14	4	10	4	6	–	19	–	19	–
Median	24.8	28.3	50.0+	24.0	19.6	30.9	–	22.5	29.1	23.6	17.7
$20,000 to $34,999	974	390	59	331	261	64	6	584	88	299	197
Less than 20 percent	404	150	33	117	94	23	–	254	47	106	101
20 to 24 percent	136	33	6	27	18	9	–	103	7	55	41
25 to 29 percent	84	34	–	34	28	6	–	50	–	40	10
30 to 34 percent	93	42	–	42	36	6	–	51	5	37	9
35 percent or more	252	126	20	106	80	20	6	126	29	61	36
Not computed	5	5	–	5	5	–	–	–	–	–	–
Median	23.0	26.4	13.8	27.8	27.9	25.0	50.0+	21.8	17.9	24.0	18.6
$35,000 to $49,999	1 336	748	137	611	423	134	54	588	109	210	269
Less than 20 percent	655	369	89	280	170	73	37	286	32	83	171
20 to 24 percent	132	44	–	44	37	7	–	88	12	38	38
25 to 29 percent	131	71	6	65	42	17	6	60	12	–	48
30 to 34 percent	130	76	6	70	43	21	6	54	27	22	5
35 percent or more	288	188	36	152	131	16	5	100	26	67	7
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	20.5	20.6	16.2	22.9	25.5	18.3	15.5	20.5	29.4	22.9	16.3
$50,000 or more	2 712	1 963	387	1 576	1 240	229	107	749	136	410	203
Less than 20 percent	1 590	1 120	255	865	647	141	77	470	84	256	130
20 to 24 percent	448	293	61	232	202	22	8	155	33	80	42
25 to 29 percent	317	260	19	241	187	54	–	57	12	37	8
30 to 34 percent	194	147	38	109	91	5	13	47	7	24	16
35 percent or more	154	134	14	120	113	7	–	20	–	13	7
Not computed	9	9	–	9	–	–	9	–	–	–	–
Median	17.6	18.0	13.3	18.7	19.4	17.6	16.2	16.3	14.0	16.8	16.1
Specified renter-occupied housing units	**12 149**	**8 792**	**3 669**	**5 123**	**4 072**	**604**	**447**	**3 357**	**965**	**1 250**	**1 142**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	12 149	8 792	3 669	5 123	4 072	604	447	3 357	965	1 250	1 142
Less than 10 percent	504	327	161	166	124	16	26	177	17	82	78
10 to 14 percent	920	596	285	311	255	40	16	324	93	100	131
15 to 19 percent	1 364	926	435	491	371	81	39	438	152	152	134
20 to 24 percent	1 503	1 040	529	511	370	101	40	463	131	197	135
25 to 29 percent	1 270	909	454	455	390	31	34	361	76	144	141
30 to 34 percent	889	705	437	268	227	41	–	184	75	75	34
35 to 49 percent	1 639	1 189	420	769	588	94	87	450	212	130	108
50 percent or more	2 373	1 681	649	1 032	766	162	104	692	164	311	217
Not computed	1 687	1 419	299	1 120	981	38	101	268	45	59	164
Median	28.7	29.4	28.0	31.3	30.8	31.7	36.9	27.0	29.4	27.2	25.4
Less than $10,000	2 140	1 419	718	701	468	164	69	721	256	227	238
Less than 20 percent	108	60	41	19	5	14	–	48	6	11	31
20 to 24 percent	111	69	21	48	28	15	5	42	23	7	12
25 to 29 percent	161	93	67	26	21	5	–	68	19	21	28
30 to 34 percent	133	107	86	21	13	8	–	26	6	20	–
35 percent or more	1 344	927	443	484	329	91	64	417	186	132	99
Not computed	283	163	60	103	72	31	–	120	16	36	68
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	44.3
$10,000 to $19,999	2 853	2 105	690	1 415	1 143	140	132	748	199	222	327
Less than 20 percent	231	110	53	57	43	5	9	121	37	34	50
20 to 24 percent	164	104	47	57	35	22	–	60	14	–	46
25 to 29 percent	243	202	100	102	97	5	–	41	10	15	16
30 to 34 percent	189	121	69	52	46	6	–	68	43	–	25
35 percent or more	1 575	1 164	391	773	592	102	79	411	95	169	147
Not computed	451	404	30	374	330	–	44	47	–	4	43
Median	43.4	43.8	38.6	46.9	47.4	42.6	50.0+	42.3	34.5	50.0+	41.5
$20,000 to $34,999	3 409	2 557	1 049	1 508	1 223	138	147	852	242	322	288
Less than 20 percent	527	327	132	195	166	20	9	200	55	55	90
20 to 24 percent	405	297	165	132	79	31	22	108	28	52	28
25 to 29 percent	539	365	202	163	119	10	34	174	37	73	64
30 to 34 percent	407	355	224	131	109	22	–	52	26	17	9
35 percent or more	1 002	718	218	500	397	55	48	284	80	125	79
Not computed	529	495	108	387	353	–	34	34	16	–	18
Median	29.7	30.6	29.3	32.7	33.3	31.8	28.8	27.9	29.1	28.7	26.3
$35,000 or more	3 747	2 711	1 212	1 499	1 238	162	99	1 036	268	479	289
Less than 20 percent	1 922	1 352	655	697	536	98	63	570	164	234	172
20 to 24 percent	823	570	296	274	228	33	13	253	66	138	49
25 to 29 percent	327	249	85	164	153	11	–	78	10	35	33
30 to 34 percent	160	122	58	64	59	5	–	38	–	38	–
35 percent or more	91	61	17	44	36	8	–	30	15	15	–
Not computed	424	357	101	256	226	7	23	67	13	19	35
Median	18.5	18.6	18.1	18.9	19.4	18.5	16.8	18.4	18.0	19.8	16.3

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Table 56. Household Income Characteristics of Housing Units With a White, Not of Hispanic Origin Householder: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Inside and Outside Metropolitan Area	The State	Inside metropolitan area						Outside metropolitan area			
		Total	In central city	Not in central city				Total	Urban, outside urbanized area		Rural
				Total	Urban		Rural		Place of 10,000 or more	Place of 2,500 to 9,999	
					Inside urbanized area	Outside urbanized area					
Specified owner-occupied housing units	**40 999**	**24 363**	**7 868**	**16 495**	**13 417**	**2 373**	**705**	**16 636**	**2 897**	**7 440**	**6 299**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	40 999	24 363	7 868	16 495	13 417	2 373	705	16 636	2 897	7 440	6 299
Less than 10 percent	10 322	5 369	2 104	3 265	2 802	340	123	4 953	827	1 922	2 204
10 to 14 percent	5 454	2 996	1 034	1 962	1 616	272	74	2 458	466	1 016	976
15 to 19 percent	5 440	3 327	1 054	2 273	1 802	361	110	2 113	403	954	756
20 to 24 percent	4 634	2 993	782	2 211	1 805	352	54	1 641	274	797	570
25 to 29 percent	4 137	2 723	711	2 012	1 614	321	77	1 414	239	687	488
30 to 34 percent	3 063	2 126	649	1 477	1 273	156	48	937	146	440	351
35 to 49 percent	4 422	3 043	887	2 156	1 687	354	115	1 379	222	826	331
50 percent or more	3 244	1 666	606	1 060	775	208	77	1 578	301	749	528
Not computed	283	120	41	79	43	9	27	163	19	49	95
Median	19.2	20.7	18.7	21.6	21.3	23.0	23.0	17.0	16.8	19.0	14.6
Less than $20,000	5 515	1 785	752	1 033	770	185	78	3 730	699	1 398	1 633
Less than 20 percent	2 469	606	251	355	273	66	16	1 863	361	579	923
20 to 24 percent	375	169	60	109	81	17	11	206	62	74	70
25 to 29 percent	277	97	56	41	30	11	–	180	9	80	91
30 to 34 percent	242	110	56	54	54	–	–	132	–	48	84
35 percent or more	1 910	710	288	422	289	82	51	1 200	248	568	384
Not computed	242	93	41	52	43	9	–	149	19	49	81
Median	22.2	28.7	29.0	28.2	26.6	27.3	50.0+	19.0	18.8	26.3	15.9
$20,000 to $34,999	6 059	2 550	770	1 780	1 316	369	95	3 509	578	1 490	1 441
Less than 20 percent	3 137	1 098	400	698	544	114	40	2 039	390	711	938
20 to 24 percent	488	221	75	146	83	56	7	267	22	197	48
25 to 29 percent	477	170	50	120	84	36	–	307	38	128	141
30 to 34 percent	296	130	31	99	88	11	–	166	6	72	88
35 percent or more	1 639	909	214	695	517	152	26	730	122	382	226
Not computed	22	22	–	22	–	–	22	–	–	–	–
Median	18.9	23.8	18.7	26.5	26.8	27.0	18.8	15.5	11.5	20.9	13.2
$35,000 to $49,999	7 440	3 966	1 042	2 924	2 253	510	161	3 474	589	1 641	1 244
Less than 20 percent	3 398	1 644	593	1 051	871	116	64	1 754	322	649	783
20 to 24 percent	731	340	69	271	178	82	11	391	55	161	175
25 to 29 percent	621	322	52	270	155	88	27	299	55	163	81
30 to 34 percent	767	463	69	394	338	31	25	304	60	173	71
35 percent or more	1 923	1 197	259	938	711	193	34	726	97	495	134
Not computed	–	–	–	–	–	–	–	–	–	–	–
Median	22.2	25.0	16.8	27.6	27.5	28.2	26.0	19.8	18.9	25.3	15.5
$50,000 or more	21 985	16 062	5 304	10 758	9 078	1 309	371	5 923	1 031	2 911	1 981
Less than 20 percent	12 212	8 344	2 948	5 396	4 532	677	187	3 868	623	1 953	1 292
20 to 24 percent	3 040	2 263	578	1 685	1 463	197	25	777	135	365	277
25 to 29 percent	2 762	2 134	553	1 581	1 345	186	50	628	137	316	175
30 to 34 percent	1 758	1 423	493	930	793	114	23	335	80	147	108
35 percent or more	2 194	1 893	732	1 161	945	135	81	301	56	130	115
Not computed	19	5	–	5	–	–	5	14	–	–	14
Median	18.3	19.4	18.1	19.9	20.0	19.5	19.7	15.5	16.6	15.6	14.4
Specified renter-occupied housing units	**73 334**	**55 354**	**26 235**	**29 119**	**23 488**	**2 785**	**2 846**	**17 980**	**4 363**	**7 793**	**5 824**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	73 334	55 354	26 235	29 119	23 488	2 785	2 846	17 980	4 363	7 793	5 824
Less than 10 percent	2 268	1 409	860	549	356	119	74	859	130	367	362
10 to 14 percent	4 919	3 485	1 904	1 581	1 175	269	137	1 434	366	581	487
15 to 19 percent	8 143	5 995	3 431	2 564	2 021	261	282	2 148	505	1 057	586
20 to 24 percent	8 425	6 073	3 396	2 677	2 151	305	221	2 352	637	977	738
25 to 29 percent	7 927	6 081	3 141	2 940	2 318	354	268	1 846	634	800	412
30 to 34 percent	6 062	4 635	2 474	2 161	1 819	226	116	1 427	369	630	428
35 to 49 percent	10 894	8 081	3 828	4 253	3 337	639	277	2 813	716	1 180	917
50 percent or more	11 574	8 219	4 337	3 882	3 060	498	324	3 355	769	1 549	1 037
Not computed	13 122	11 376	2 864	8 512	7 251	114	1 147	1 746	237	652	857
Median	29.0	29.1	28.3	30.0	30.3	30.6	27.5	28.6	28.4	28.7	28.8
Less than $10,000	7 000	4 144	2 745	1 399	897	282	220	2 856	831	1 044	981
Less than 20 percent	169	102	62	40	25	–	15	67	15	6	46
20 to 24 percent	179	140	88	52	28	6	18	39	16	16	7
25 to 29 percent	394	238	155	83	58	13	12	156	87	30	39
30 to 34 percent	251	127	112	15	–	15	–	124	46	9	69
35 percent or more	4 937	3 086	2 036	1 050	665	210	175	1 851	579	710	562
Not computed	1 070	451	292	159	121	38	–	619	88	273	258
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	13 162	10 118	4 537	5 581	4 406	622	553	3 044	795	1 182	1 067
Less than 20 percent	370	185	123	62	26	24	12	185	51	59	75
20 to 24 percent	378	257	170	87	65	16	6	121	30	23	68
25 to 29 percent	763	514	261	253	203	29	21	249	105	86	58
30 to 34 percent	856	602	300	302	213	50	39	254	25	96	133
35 percent or more	7 644	5 718	2 981	2 737	2 068	469	200	1 926	537	818	571
Not computed	3 151	2 842	702	2 140	1 831	34	275	309	47	100	162
Median	48.7	49.9	48.8	50.0+	50.0+	45.9	49.8	45.8	43.6	49.3	43.5
$20,000 to $34,999	22 163	17 277	7 525	9 752	7 899	697	1 156	4 886	1 101	2 072	1 713
Less than 20 percent	2 139	1 327	578	749	601	79	69	812	168	276	368
20 to 24 percent	2 173	1 454	873	581	417	81	83	719	255	244	220
25 to 29 percent	2 392	1 853	1 201	652	442	102	108	539	222	241	76
30 to 34 percent	2 763	2 286	1 330	956	788	98	70	477	163	202	112
35 percent or more	7 733	5 773	2 541	3 232	2 709	337	186	1 960	238	1 001	721
Not computed	4 963	4 584	1 002	3 582	2 942	–	640	379	55	108	216
Median	33.4	33.7	32.3	36.0	36.8	34.4	29.9	31.9	27.3	35.3	33.8
$35,000 or more	31 009	23 815	11 428	12 387	10 286	1 184	917	7 194	1 636	3 495	2 063
Less than 20 percent	12 652	9 275	5 432	3 843	2 900	546	397	3 377	767	1 664	946
20 to 24 percent	5 695	4 222	2 265	1 957	1 641	202	114	1 473	336	694	443
25 to 29 percent	4 378	3 476	1 524	1 952	1 615	210	127	902	220	443	239
30 to 34 percent	2 192	1 620	732	888	818	63	7	572	135	323	114
35 percent or more	2 154	1 723	607	1 116	955	121	40	431	131	200	100
Not computed	3 938	3 499	868	2 631	2 357	42	232	439	47	171	221
Median	20.8	21.0	19.7	22.6	23.2	20.6	18.8	20.0	20.4	20.0	19.7

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Table 57. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	American Indian	Eskimo	Aleut	All Asian	Chinese	Filipino	Japanese	Asian Indian	Korean
Occupied housing units	**1 499**	**63**	**62**	**164 047**	**23 320**	**39 484**	**90 231**	**258**	**7 501**
TENURE									
Owner-occupied housing units	380	21	11	109 826	16 059	23 010	66 187	118	3 515
Renter-occupied housing units	1 119	42	51	54 221	7 261	16 474	24 044	140	3 986
YEAR STRUCTURE BUILT									
Owner-occupied housing units	**380**	**21**	**11**	**109 826**	**16 059**	**23 010**	**66 187**	**118**	**3 515**
1989 to March 1990	–	7	–	2 003	234	594	1 073	6	54
1985 to 1988	23	7	5	9 810	1 101	2 835	5 433	16	326
1980 to 1984	41	–	–	9 939	1 400	2 896	4 918	27	519
1970 to 1979	162	–	6	29 400	4 166	7 301	16 468	37	1 198
1960 to 1969	73	–	–	26 118	3 646	4 893	16 657	12	705
1950 to 1959	38	7	–	18 206	2 951	2 584	12 167	–	391
1940 to 1949	21	–	–	7 264	1 291	1 043	4 727	20	163
1939 or earlier	22	–	–	7 086	1 270	864	4 744	–	159
Renter-occupied housing units	**1 119**	**42**	**51**	**54 221**	**7 261**	**16 474**	**24 044**	**140**	**3 986**
1989 to March 1990	42	–	–	960	118	349	347	9	91
1985 to 1988	76	5	–	2 551	283	1 030	921	–	198
1980 to 1984	95	14	–	4 563	539	1 514	1 922	6	418
1970 to 1979	286	5	12	15 227	2 556	4 211	6 304	45	1 437
1960 to 1969	268	18	32	13 120	1 769	3 760	5 908	52	1 018
1950 to 1959	134	–	7	8 076	855	2 319	4 047	20	484
1940 to 1949	89	–	–	4 430	503	1 482	2 077	–	140
1939 or earlier	129	–	–	5 294	638	1 809	2 518	8	200
BEDROOMS									
Owner-occupied housing units	**380**	**21**	**11**	**109 826**	**16 059**	**23 010**	**66 187**	**118**	**3 515**
None	14	–	–	2 100	485	366	1 063	10	132
1	15	7	–	10 549	2 128	2 235	5 506	16	518
2	130	14	11	22 954	3 663	5 437	12 610	31	979
3	153	–	–	51 346	6 429	9 700	33 367	46	1 410
4	50	–	–	15 599	2 303	2 696	10 176	11	346
5 or more	18	–	–	7 278	1 051	2 576	3 465	4	130
Renter-occupied housing units	**1 119**	**42**	**51**	**54 221**	**7 261**	**16 474**	**24 044**	**140**	**3 986**
None	91	14	–	8 797	1 438	2 184	3 739	9	966
1	275	18	20	17 303	2 613	4 464	7 674	76	1 640
2	387	–	24	16 445	1 985	5 231	7 555	39	985
3	322	10	7	9 420	916	3 650	4 250	9	331
4	34	–	–	1 694	176	724	629	–	60
5 or more	10	–	–	562	133	221	197	7	4
SOURCE OF WATER									
Public system or private company	1 415	51	62	162 871	23 223	38 948	89 713	258	7 480
Individual drilled well	–	5	–	142	–	71	65	–	6
Individual dug well	–	–	–	36	–	18	18	–	–
Some other source	84	7	–	998	97	447	435	–	15
SEWAGE DISPOSAL									
Public sewer	1 152	39	50	138 363	21 353	31 636	75 034	254	7 113
Septic tank or cesspool	301	24	12	24 481	1 751	7 442	14 748	4	301
Other means	46	–	–	1 203	216	406	449	–	87
KITCHEN FACILITIES									
Complete kitchen facilities	1 480	63	58	162 427	23 171	38 899	89 564	258	7 350
Lacking complete kitchen facilities	19	–	4	1 620	149	585	667	–	151
HOUSE HEATING FUEL									
Utility gas	58	–	4	7 240	1 177	2 216	3 268	8	404
Bottled, tank, or LP gas	39	9	–	3 738	353	1 596	1 630	–	111
Electricity	460	28	19	76 463	11 373	17 918	41 872	93	3 670
Fuel oil, kerosene, etc.	9	–	–	210	–	22	188	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	16	–	–	235	33	22	174	–	–
Solar energy	17	7	5	3 458	360	905	2 005	6	128
Other fuel	–	–	–	59	5	26	24	–	–
No fuel used	900	19	34	72 644	10 019	16 779	41 070	151	3 188
VEHICLES AVAILABLE									
None	118	7	16	17 212	3 267	3 652	8 408	28	1 201
1	666	35	33	52 498	7 697	10 789	29 525	139	3 041
2	551	21	6	56 852	7 774	13 531	32 282	64	2 261
3	109	–	7	24 071	2 971	6 530	13 622	7	700
4	41	–	–	9 289	1 124	3 090	4 747	20	231
5 or more	14	–	–	4 125	487	1 892	1 647	–	67
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**380**	**21**	**11**	**109 826**	**16 059**	**23 010**	**66 187**	**118**	**3 515**
1989 to March 1990	13	7	–	8 175	1 211	2 149	4 174	17	473
1985 to 1988	123	7	11	21 778	3 497	5 769	11 214	43	990
1980 to 1984	70	7	–	13 187	1 857	3 901	6 602	36	598
1970 to 1979	153	–	–	27 215	3 522	6 721	16 146	18	648
1960 to 1969	9	–	–	19 953	2 611	2 818	13 992	4	408
1959 or earlier	12	–	–	19 518	3 361	1 652	14 059	–	398
Renter-occupied housing units	**1 119**	**42**	**51**	**54 221**	**7 261**	**16 474**	**24 044**	**140**	**3 986**
1989 to March 1990	570	19	30	14 892	2 084	5 074	5 375	79	1 352
1985 to 1988	362	14	12	18 426	2 440	5 983	7 584	39	1 504
1980 to 1984	101	9	9	9 149	1 349	2 593	4 209	22	610
1970 to 1979	80	–	–	7 070	893	1 817	3 840	–	386
1960 to 1969	–	–	–	2 668	280	578	1 714	–	89
1959 or earlier	6	–	–	2 016	215	429	1 322	–	45
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**380**	**21**	**11**	**109 826**	**16 059**	**23 010**	**66 187**	**118**	**3 515**
Lacking complete plumbing facilities	26	–	–	367	78	140	138	–	11
1.01 or more	–	–	–	67	14	46	7	–	–
Renter-occupied housing units	**1 119**	**42**	**51**	**54 221**	**7 261**	**16 474**	**24 044**	**140**	**3 986**
Lacking complete plumbing facilities	33	–	4	709	68	380	164	–	40
1.01 or more	14	–	4	295	37	148	29	–	31

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Table 57. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Vietnamese	Cambodian	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan	Guamanian
Occupied housing units	**1 456**	**50**	**427**	**163**	**38 818**	**34 025**	**2 870**	**650**
TENURE								
Owner-occupied housing units	227	–	82	34	18 243	17 248	532	195
Renter-occupied housing units	1 229	50	345	129	20 575	16 777	2 338	455
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**227**	**–**	**82**	**34**	**18 243**	**17 248**	**532**	**195**
1989 to March 1990	8	–	21	–	335	280	38	–
1985 to 1988	44	–	6	–	1 752	1 647	35	42
1980 to 1984	47	–	32	7	2 027	1 861	74	35
1970 to 1979	51	–	7	16	5 460	5 122	210	43
1960 to 1969	44	–	6	–	3 722	3 507	133	47
1950 to 1959	27	–	10	–	2 721	2 641	42	11
1940 to 1949	–	–	–	–	1 041	1 026	–	7
1939 or earlier	6	–	–	11	1 185	1 164	–	10
Renter-occupied housing units	**1 229**	**50**	**345**	**129**	**20 575**	**16 777**	**2 338**	**455**
1989 to March 1990	33	–	6	–	345	239	30	19
1985 to 1988	72	–	7	–	1 290	1 057	119	39
1980 to 1984	91	5	29	22	1 745	1 460	123	58
1970 to 1979	346	27	65	65	5 797	4 724	646	113
1960 to 1969	315	10	141	23	5 213	3 968	873	140
1950 to 1959	181	8	39	10	2 874	2 387	321	45
1940 to 1949	105	–	42	9	1 621	1 392	124	28
1939 or earlier	86	–	16	–	1 690	1 550	102	13
BEDROOMS								
Owner-occupied housing units	**227**	**–**	**82**	**34**	**18 243**	**17 248**	**532**	**195**
None	25	–	–	10	279	264	–	–
1	29	–	45	–	1 798	1 716	32	7
2	59	–	15	–	3 787	3 489	175	71
3	74	–	22	13	8 700	8 313	168	104
4	27	–	–	–	2 761	2 624	98	7
5 or more	13	–	–	11	918	842	59	6
Renter-occupied housing units	**1 229**	**50**	**345**	**129**	**20 575**	**16 777**	**2 338**	**455**
None	276	8	61	23	2 186	1 796	227	27
1	444	–	118	65	5 364	4 331	594	120
2	326	15	113	41	6 850	5 683	763	141
3	122	27	37	–	4 710	3 869	521	103
4	61	–	16	–	1 184	869	198	64
5 or more	–	–	–	–	281	229	35	–
SOURCE OF WATER								
Public system or private company	1 456	50	427	163	37 850	33 110	2 863	641
Individual drilled well	–	–	–	–	82	73	–	–
Individual dug well	–	–	–	–	24	24	–	–
Some other source	–	–	–	–	862	818	7	9
SEWAGE DISPOSAL								
Public sewer	1 410	50	375	163	27 488	23 292	2 535	585
Septic tank or cesspool	20	–	33	–	10 853	10 315	306	56
Other means	26	–	19	–	477	418	29	9
KITCHEN FACILITIES								
Complete kitchen facilities	1 413	45	416	163	38 057	33 456	2 792	635
Lacking complete kitchen facilities	43	5	11	–	761	569	78	15
HOUSE HEATING FUEL								
Utility gas	129	–	24	–	1 230	1 077	120	6
Bottled, tank, or LP gas	32	–	–	–	1 055	938	79	16
Electricity	665	40	293	78	15 152	13 208	1 252	276
Fuel oil, kerosene, etc.	–	–	–	–	55	55	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	–	–	–	–	138	120	13	–
Solar energy	30	–	9	–	557	440	86	13
Other fuel	–	–	–	–	12	12	–	–
No fuel used	600	10	101	85	20 619	18 175	1 320	339
VEHICLES AVAILABLE								
None	348	8	120	14	4 366	3 405	645	57
1	670	15	136	90	13 200	11 172	1 286	242
2	282	27	125	59	13 653	12 387	691	257
3	117	–	25	–	4 780	4 428	144	87
4	31	–	21	–	1 815	1 692	71	7
5 or more	8	–	–	–	1 004	941	33	–
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**227**	**–**	**82**	**34**	**18 243**	**17 248**	**532**	**195**
1989 to March 1990	46	–	33	10	1 356	1 181	66	42
1985 to 1988	104	–	15	–	3 497	3 238	90	70
1980 to 1984	58	–	34	7	2 547	2 362	114	24
1970 to 1979	19	–	–	6	5 355	5 096	191	21
1960 to 1969	–	–	–	11	2 699	2 605	58	28
1959 or earlier	–	–	–	–	2 789	2 766	13	10
Renter-occupied housing units	**1 229**	**50**	**345**	**129**	**20 575**	**16 777**	**2 338**	**455**
1989 to March 1990	564	32	71	74	6 527	5 085	667	214
1985 to 1988	412	18	168	55	7 861	6 412	974	200
1980 to 1984	225	–	87	–	3 219	2 676	418	41
1970 to 1979	28	–	14	–	2 031	1 747	214	–
1960 to 1969	–	–	–	–	555	494	54	–
1959 or earlier	–	–	5	–	382	363	11	–
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**227**	**–**	**82**	**34**	**18 243**	**17 248**	**532**	**195**
Lacking complete plumbing facilities	–	–	–	–	161	130	9	9
1.01 or more	–	–	–	–	77	62	9	–
Renter-occupied housing units	**1 229**	**50**	**345**	**129**	**20 575**	**16 777**	**2 338**	**455**
Lacking complete plumbing facilities	50	–	7	–	528	389	83	–
1.01 or more	43	–	7	–	304	208	61	–

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Table 58. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	American Indian	Eskimo	Aleut	All Asian	Chinese	Filipino	Japanese	Asian Indian	Korean
Occupied housing units	**1 499**	**63**	**62**	**164 047**	**23 320**	**39 484**	**90 231**	**258**	**7 501**
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**51**	**–**	**9**	**45 253**	**6 828**	**7 946**	**28 771**	**10**	**1 478**
Owner occupied	19	–	5	33 714	5 144	5 093	22 539	4	846
1-person households	30	–	–	11 348	2 196	1 114	7 463	–	514
Built 1939 or earlier	10	–	–	6 319	962	1 010	4 182	–	150
Mean household income in 1989 (dollars)	21 310	–	17 268	40 148	45 336	38 469	40 015	29 914	31 199
Female householder, no husband present	21	–	–	12 652	2 443	964	8 649	–	522
Lacking complete plumbing facilities	–	–	4	377	38	199	129	–	11
No vehicle available	4	–	4	9 381	1 892	1 595	5 248	–	510
No telephone in unit	–	–	–	904	187	303	387	–	27
1-person households	–	–	–	701	144	234	296	–	27
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**21**	**7**	**–**	**2 818**	**551**	**746**	**1 338**	**–**	**131**
Married-couple families	6	7	–	938	197	371	340	–	19
With own children under 18 years	–	7	–	330	52	201	68	–	9
Families with female householder	9	–	–	390	50	120	160	–	29
With own children under 18 years	9	–	–	190	16	92	51	–	–
Householder worked in 1989	9	7	–	872	163	248	401	–	37
With public assistance income	–	–	–	265	72	115	70	–	8
With Social Security income	6	–	–	1 209	191	359	626	–	26
Built 1939 or earlier	–	–	–	249	48	47	143	–	11
Lacking complete plumbing facilities	–	–	–	42	–	29	13	–	–
No vehicle available	–	–	–	760	176	139	410	–	35
No telephone in unit	9	7	–	140	30	34	76	–	–
1.01 or more persons per room	–	7	–	290	72	139	62	–	9
Renter-occupied housing units	**201**	**5**	**28**	**8 375**	**1 441**	**2 489**	**2 756**	**8**	**883**
Married-couple families	38	–	9	2 014	389	790	213	8	287
With own children under 18 years	33	–	5	1 197	219	426	134	8	135
Families with female householder	57	5	19	1 531	153	717	340	–	124
With own children under 18 years	57	5	19	1 252	115	622	262	–	81
Householder worked in 1989	102	–	24	2 997	528	1 005	751	8	293
With public assistance income	100	5	12	2 537	364	1 113	464	8	255
With Social Security income	18	–	4	2 440	376	700	1 191	–	146
Built 1939 or earlier	30	–	–	704	160	243	214	–	18
Lacking complete plumbing facilities	11	–	4	291	44	142	43	–	28
No vehicle available	39	–	9	4 291	906	979	1 566	–	488
No telephone in unit	32	–	5	868	120	446	232	–	62
1.01 or more persons per room	57	–	16	2 130	433	901	167	8	228
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**31 063**	**24 464**	**11 071**	**42 009**	**41 191**	**40 842**	**44 805**	**38 200**	**31 662**
Owner occupied (dollars)	43 421	23 750	40 208	51 460	50 779	50 442	52 294	48 654	48 239
Renter occupied (dollars)	26 068	30 556	9 048	26 090	25 447	28 476	26 689	31 071	20 833
Specified owner-occupied housing units	**244**	**14**	**5**	**87 205**	**11 530**	**18 988**	**53 712**	**81**	**2 267**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	175	–	5	58 511	7 100	15 413	33 680	73	1 725
Less than $200	–	–	–	530	62	158	306	–	4
$200 to $299	–	–	–	2 171	170	394	1 558	–	28
$300 to $399	6	–	5	3 877	375	922	2 485	4	51
$400 to $499	17	–	–	4 015	285	1 215	2 389	–	113
$500 to $599	18	–	–	4 143	460	962	2 597	–	79
$600 to $699	6	–	–	4 005	377	1 118	2 315	13	157
$700 to $799	–	–	–	4 235	487	1 175	2 458	–	92
$800 to $899	6	–	–	3 795	448	1 060	2 173	–	78
$900 to $999	30	–	–	3 542	405	1 073	1 935	–	124
$1,000 to $1,249	13	–	–	8 319	939	2 329	4 720	8	271
$1,250 to $1,499	28	–	–	7 462	971	1 929	4 180	6	296
$1,500 to $1,999	36	–	–	7 760	1 115	2 124	4 142	25	234
$2,000 or more	15	–	–	4 657	1 006	954	2 422	17	198
Median (dollars)	1 087	–	375	969	1 128	963	929	1 610	1 126
Mean (dollars)	1 167	–	353	1 092	1 290	1 059	1 052	1 649	1 250
Not mortgaged	69	14	–	28 694	4 430	3 575	20 032	8	542
Less than $100	30	7	–	2 839	236	446	2 092	–	51
$100 to $199	28	7	–	17 186	2 336	2 048	12 475	8	261
$200 to $299	11	–	–	6 706	1 379	900	4 252	–	153
$300 to $399	–	–	–	1 337	313	138	829	–	44
$400 to $499	–	–	–	328	48	32	226	–	22
$500 or more	–	–	–	298	118	11	158	–	11
Median (dollars)	132	100	–	168	187	164	165	175	186
Mean (dollars)	139	90	–	182	211	175	176	169	206
Specified renter-occupied housing units	**1 104**	**42**	**51**	**53 764**	**7 228**	**16 326**	**23 805**	**140**	**3 970**
GROSS RENT									
Less than $100	8	–	5	1 299	210	491	431	–	136
$100 to $149	17	5	–	1 937	225	695	826	–	129
$150 to $199	16	–	–	1 695	166	732	599	–	85
$200 to $249	9	–	4	1 697	139	764	671	–	40
$250 to $299	9	–	–	2 281	394	724	979	–	97
$300 to $349	18	9	–	2 843	463	822	1 252	14	213
$350 to $399	43	–	–	3 064	398	873	1 465	–	213
$400 to $449	64	14	–	3 175	342	868	1 638	–	232
$450 to $499	20	–	7	3 475	459	944	1 695	34	227
$500 to $549	87	9	12	4 265	552	1 225	2 094	–	249
$550 to $599	79	–	–	3 571	443	1 019	1 641	–	280
$600 to $649	38	–	7	2 957	335	879	1 248	17	269
$650 to $699	63	–	–	3 408	542	1 063	1 308	9	335
$700 to $749	41	–	–	2 657	309	775	1 135	13	287
$750 to $999	283	–	9	7 425	1 154	2 308	2 849	31	691
$1,000 or more	152	5	7	3 672	528	889	1 719	22	326
No cash rent	157	–	–	4 343	569	1 255	2 255	–	161
Median (dollars)	703	431	540	538	548	525	529	678	601
Mean (dollars)	747	496	625	572	587	547	572	727	617

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Table 58. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990** —Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Vietnamese	Cambodian	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan	Guamanian
Occupied housing units	**1 456**	**50**	**427**	**163**	**38 818**	**34 025**	**2 870**	**650**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**115**	**–**	**12**	**–**	**5 053**	**4 598**	**316**	**50**
Owner occupied	–	–	–	–	3 405	3 268	72	44
1-person households	42	–	–	–	1 225	1 173	44	–
Built 1939 or earlier	–	–	–	–	726	722	–	4
Mean household income in 1989 (dollars)	8 893	–	7 352	–	35 067	36 121	24 732	40 788
Female householder, no husband present	38	–	5	–	1 985	1 854	120	6
Lacking complete plumbing facilities	–	–	–	–	73	60	8	–
No vehicle available	103	–	12	–	1 017	839	143	–
No telephone in unit	–	–	–	–	235	146	59	–
1-person households	–	–	–	–	133	114	14	–
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**35**	**–**	**–**	**6**	**1 142**	**1 062**	**16**	**10**
Married-couple families	–	–	–	–	381	352	7	–
With own children under 18 years	–	–	–	–	231	219	7	–
Families with female householder	25	–	–	6	246	235	–	–
With own children under 18 years	25	–	–	6	157	146	–	–
Householder worked in 1989	13	–	–	6	385	345	–	–
With public assistance income	–	–	–	–	250	246	–	–
With Social Security income	–	–	–	–	284	280	–	–
Built 1939 or earlier	–	–	–	–	96	96	–	–
Lacking complete plumbing facilities	–	–	–	–	45	38	–	–
No vehicle available	–	–	–	–	186	172	–	–
No telephone in unit	–	–	–	–	135	123	7	–
1.01 or more persons per room	8	–	–	–	319	270	16	–
Renter-occupied housing units	**508**	**13**	**134**	**36**	**5 467**	**4 260**	**876**	**53**
Married-couple families	241	–	74	–	1 654	989	473	10
With own children under 18 years	189	–	74	–	1 391	853	403	–
Families with female householder	97	8	52	–	2 420	2 095	304	–
With own children under 18 years	94	8	30	–	2 164	1 902	248	–
Householder worked in 1989	251	5	75	25	2 280	1 753	315	23
With public assistance income	195	8	90	–	2 685	2 154	498	–
With Social Security income	20	–	7	–	634	530	86	–
Built 1939 or earlier	55	–	–	–	399	356	29	–
Lacking complete plumbing facilities	27	–	7	–	217	151	46	–
No vehicle available	191	8	87	14	2 044	1 520	393	20
No telephone in unit	–	–	–	–	1 032	734	224	–
1.01 or more persons per room	258	8	85	11	2 486	1 748	571	8
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**18 333**	**18 311**	**20 649**	**21 750**	**33 993**	**35 726**	**22 738**	**33 929**
Owner occupied (dollars)	37 426	–	47 917	38 409	46 320	46 534	45 341	46 513
Renter occupied (dollars)	16 530	18 311	17 218	18 594	24 429	25 479	19 252	27 107
Specified owner-occupied housing units	**130**	**–**	**54**	**17**	**15 463**	**14 678**	**424**	**164**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	124	–	54	6	11 372	10 675	396	122
Less than $200	–	–	–	–	85	77	8	–
$200 to $299	–	–	–	–	530	512	–	6
$300 to $399	–	–	24	–	1 098	1 052	29	6
$400 to $499	–	–	–	–	1 342	1 258	48	6
$500 to $599	3	–	–	–	1 048	1 008	16	15
$600 to $699	8	–	–	–	764	718	44	–
$700 to $799	5	–	–	–	827	791	11	6
$800 to $899	7	–	–	–	722	698	13	–
$900 to $999	–	–	–	–	662	600	46	–
$1,000 to $1,249	24	–	9	6	1 669	1 530	82	44
$1,250 to $1,499	14	–	15	–	997	928	44	–
$1,500 to $1,999	41	–	–	–	1 051	960	31	34
$2,000 or more	22	–	6	–	577	543	24	5
Median (dollars)	1 512	–	1 083	1 125	799	789	945	1 125
Mean (dollars)	1 529	–	963	1 237	935	929	1 010	1 136
Not mortgaged	6	–	–	11	4 091	4 003	28	42
Less than $100	–	–	–	–	638	625	13	–
$100 to $199	6	–	–	–	1 992	1 965	7	16
$200 to $299	–	–	–	11	1 174	1 133	8	26
$300 to $399	–	–	–	–	180	180	–	–
$400 to $499	–	–	–	–	58	51	–	–
$500 or more	–	–	–	–	49	49	–	–
Median (dollars)	125	–	–	225	171	170	157	210
Mean (dollars)	142	–	–	235	180	179	141	185
Specified renter-occupied housing units	**1 217**	**50**	**345**	**129**	**20 315**	**16 533**	**2 332**	**450**
GROSS RENT								
Less than $100	16	10	5	–	219	174	45	–
$100 to $149	34	–	16	–	662	501	148	–
$150 to $199	65	–	48	–	810	611	183	–
$200 to $249	63	–	20	–	655	479	121	17
$250 to $299	40	–	34	–	885	648	149	–
$300 to $349	25	–	16	–	981	768	131	12
$350 to $399	22	–	43	15	985	833	92	16
$400 to $449	50	–	19	–	1 259	1 055	154	7
$450 to $499	51	–	22	14	1 268	1 074	141	16
$500 to $549	42	–	43	–	1 342	1 101	159	17
$550 to $599	128	8	23	5	1 175	1 041	89	15
$600 to $649	153	–	12	–	1 362	1 185	44	38
$650 to $699	67	–	10	27	1 397	1 135	137	44
$700 to $749	92	–	10	17	1 213	1 019	90	38
$750 to $999	223	27	10	35	3 204	2 565	389	52
$1,000 or more	107	–	14	11	1 583	1 240	164	74
No cash rent	39	5	–	5	1 315	1 104	96	104
Median (dollars)	617	792	390	703	568	573	472	690
Mean (dollars)	627	663	427	729	596	599	530	769

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Table 59. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	American Indian	Eskimo	Aleut	All Asian	Chinese	Filipino	Japanese	Asian Indian	Korean
Specified owner-occupied housing units	**244**	**14**	**5**	**87 205**	**11 530**	**18 988**	**53 712**	**81**	**2 267**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	244	14	5	87 205	11 530	18 988	53 712	81	2 267
Less than 10 percent	59	14	–	31 429	4 564	4 405	21 803	18	544
10 to 14 percent	46	–	–	13 210	1 505	2 726	8 507	–	367
15 to 19 percent	16	–	5	11 149	1 259	2 780	6 699	12	305
20 to 24 percent	21	–	–	9 228	1 051	2 471	5 351	–	304
25 to 29 percent	35	–	–	7 057	905	1 804	4 066	22	206
30 to 34 percent	–	–	–	4 947	641	1 477	2 587	6	154
35 to 49 percent	25	–	–	6 162	983	1 892	3 002	12	181
50 percent or more	42	–	–	3 817	597	1 377	1 582	11	202
Not computed	–	–	–	206	25	56	115	–	4
Median	20.2	10.0–	17.5	14.6	13.9	19.2	12.9	27.4	18.6
Less than $20,000	46	7	–	9 731	1 163	2 072	6 203	–	216
Less than 20 percent	28	7	–	5 006	522	674	3 704	–	76
20 to 24 percent	–	–	–	1 003	128	164	694	–	17
25 to 29 percent	–	–	–	652	52	201	342	–	37
30 to 34 percent	–	–	–	427	16	151	246	–	7
35 percent or more	18	–	–	2 471	420	835	1 127	–	75
Not computed	–	–	–	172	25	47	90	–	4
Median	13.4	10.0–	–	19.2	21.8	29.3	16.7	–	26.8
$20,000 to $34,999	34	–	5	12 918	1 624	2 884	7 889	11	395
Less than 20 percent	14	–	5	8 340	1 160	1 243	5 735	–	143
20 to 24 percent	15	–	–	837	39	283	465	–	45
25 to 29 percent	–	–	–	782	89	257	387	–	49
30 to 34 percent	–	–	–	609	36	181	354	–	26
35 percent or more	5	–	–	2 341	300	920	939	11	132
Not computed	–	–	–	9	–	–	9	–	–
Median	21.0	–	17.5	12.3	10.2	23.5	10.0–	50.0+	26.0
$35,000 to $49,999	70	–	–	16 071	2 030	4 127	9 315	29	432
Less than 20 percent	13	–	–	9 310	1 151	1 790	6 092	15	212
20 to 24 percent	6	–	–	1 583	166	553	825	–	39
25 to 29 percent	13	–	–	1 196	140	400	632	–	17
30 to 34 percent	–	–	–	1 393	200	482	638	6	41
35 percent or more	38	–	–	2 585	373	902	1 124	8	123
Not computed	–	–	–	4	–	–	4	–	–
Median	37.5	–	–	16.0	14.1	22.5	12.5	19.6	20.5
$50,000 or more	94	7	–	48 485	6 713	9 905	30 305	41	1 224
Less than 20 percent	66	7	–	33 132	4 495	6 204	21 478	15	785
20 to 24 percent	–	–	–	5 805	718	1 471	3 367	–	203
25 to 29 percent	22	–	–	4 427	624	946	2 705	22	103
30 to 34 percent	–	–	–	2 518	389	663	1 349	–	80
35 percent or more	6	–	–	2 582	487	612	1 394	4	53
Not computed	–	–	–	21	–	9	12	–	–
Median	14.4	10.0–	–	13.9	13.3	16.6	12.8	26.3	16.0
Specified renter-occupied housing units	**1 104**	**42**	**51**	**53 764**	**7 228**	**16 326**	**23 805**	**140**	**3 970**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	1 104	42	51	53 764	7 228	16 326	23 805	140	3 970
Less than 10 percent	42	9	–	4 212	402	1 828	1 751	8	162
10 to 14 percent	102	5	–	6 453	773	2 169	3 072	7	320
15 to 19 percent	52	5	5	7 509	1 006	2 259	3 536	32	391
20 to 24 percent	126	9	–	6 848	777	2 353	3 025	16	479
25 to 29 percent	105	–	–	6 097	865	1 795	2 748	26	394
30 to 34 percent	112	9	16	3 845	548	1 149	1 672	–	335
35 to 49 percent	130	–	7	5 747	820	1 468	2 478	8	581
50 percent or more	257	5	23	7 700	1 242	1 908	2 852	43	1 001
Not computed	178	–	–	5 353	795	1 397	2 671	–	307
Median	31.6	21.1	46.4	24.4	26.5	22.6	23.6	26.3	31.3
Less than $10,000	186	5	28	9 621	1 578	2 371	4 014	11	1 037
Less than 20 percent	–	5	5	599	85	224	183	–	96
20 to 24 percent	8	–	–	563	86	205	206	–	40
25 to 29 percent	5	–	–	884	108	227	451	–	65
30 to 34 percent	–	–	–	439	59	121	198	–	41
35 percent or more	137	–	23	5 328	900	1 357	2 056	11	596
Not computed	36	–	–	1 808	340	237	920	–	199
Median	50.0+	17.5	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	238	14	7	10 290	1 382	2 999	4 358	31	869
Less than 20 percent	18	–	–	1 138	124	461	438	–	33
20 to 24 percent	–	–	–	879	137	341	355	–	28
25 to 29 percent	9	–	–	1 199	169	403	502	6	56
30 to 34 percent	20	9	–	1 103	179	293	507	–	98
35 percent or more	148	5	7	5 128	668	1 262	2 125	25	619
Not computed	43	–	–	843	105	239	431	–	35
Median	48.5	33.9	45.0	36.9	36.2	33.0	36.4	50.0+	46.8
$20,000 to $34,999	310	9	9	14 938	1 892	4 563	6 743	53	1 061
Less than 20 percent	19	–	–	4 251	496	1 374	1 984	23	220
20 to 24 percent	55	9	–	2 533	249	797	1 229	9	165
25 to 29 percent	8	–	–	2 545	316	710	1 218	6	180
30 to 34 percent	77	–	9	1 695	239	579	690	–	143
35 percent or more	79	–	–	2 643	445	627	1 029	15	318
Not computed	72	–	–	1 271	147	476	593	–	35
Median	32.4	22.5	32.5	25.1	27.0	24.2	24.4	21.9	28.6
$35,000 or more	370	14	7	18 915	2 376	6 393	8 690	45	1 003
Less than 20 percent	159	14	–	12 186	1 476	4 197	5 754	24	524
20 to 24 percent	63	–	–	2 873	305	1 010	1 235	7	246
25 to 29 percent	83	–	–	1 469	272	455	577	14	93
30 to 34 percent	15	–	7	608	71	156	277	–	53
35 percent or more	23	–	–	348	49	130	120	–	49
Not computed	27	–	–	1 431	203	445	727	–	38
Median	21.0	10.0–	32.5	16.1	16.8	15.5	15.9	19.2	18.8

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Table 59. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Vietnamese	Cambodian	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan	Guamanian
Specified owner-occupied housing units	**130**	**–**	**54**	**17**	**15 463**	**14 678**	**424**	**164**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	130	–	54	17	15 463	14 678	424	164
Less than 10 percent	3	–	–	11	4 630	4 497	50	62
10 to 14 percent	19	–	–	–	2 216	2 109	85	4
15 to 19 percent	6	–	18	–	2 224	2 124	48	16
20 to 24 percent	12	–	–	–	1 782	1 685	47	15
25 to 29 percent	21	–	22	–	1 298	1 213	40	38
30 to 34 percent	17	–	8	–	923	866	27	11
35 to 49 percent	34	–	–	–	1 281	1 167	69	7
50 percent or more	12	–	6	6	970	883	58	11
Not computed	6	–	–	–	139	134	–	–
Median	30.3	–	27.0	10.0–	16.8	16.6	23.1	20.0
Less than $20,000	19	–	15	–	2 068	1 966	62	11
Less than 20 percent	6	–	–	–	658	620	21	11
20 to 24 percent	–	–	–	–	145	145	–	–
25 to 29 percent	–	–	15	–	192	192	–	–
30 to 34 percent	–	–	–	–	145	130	15	–
35 percent or more	7	–	–	–	810	766	26	–
Not computed	6	–	–	–	118	113	–	–
Median	50.0+	–	27.5	–	29.5	29.2	33.3	10.0–
$20,000 to $34,999	14	–	9	6	2 914	2 735	105	9
Less than 20 percent	–	–	9	–	1 464	1 424	21	–
20 to 24 percent	–	–	–	–	361	336	14	–
25 to 29 percent	–	–	–	–	227	203	8	9
30 to 34 percent	–	–	–	–	230	218	–	–
35 percent or more	14	–	–	6	611	533	62	–
Not computed	–	–	–	–	21	21	–	–
Median	47.8	–	17.5	50.0+	19.8	19.1	42.2	27.5
$35,000 to $49,999	33	–	6	11	3 303	3 120	84	60
Less than 20 percent	–	–	–	11	1 931	1 859	34	24
20 to 24 percent	–	–	–	–	355	332	6	6
25 to 29 percent	7	–	–	–	311	287	11	13
30 to 34 percent	9	–	–	–	252	239	7	6
35 percent or more	17	–	6	–	454	403	26	11
Not computed	–	–	–	–	–	–	–	–
Median	40.3	–	50.0+	10.0–	17.0	16.7	25.9	25.0
$50,000 or more	64	–	24	–	7 178	6 857	173	84
Less than 20 percent	22	–	9	–	5 017	4 827	107	47
20 to 24 percent	12	–	–	–	921	872	27	9
25 to 29 percent	14	–	7	–	568	531	21	16
30 to 34 percent	8	–	8	–	296	279	5	5
35 percent or more	8	–	–	–	376	348	13	7
Not computed	–	–	–	–	–	–	–	–
Median	24.2	–	27.1	–	13.9	13.8	15.1	18.4
Specified renter-occupied housing units	**1 217**	**50**	**345**	**129**	**20 315**	**16 533**	**2 332**	**450**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	1 217	50	345	129	20 315	16 533	2 332	450
Less than 10 percent	28	10	13	–	1 138	1 002	86	–
10 to 14 percent	42	–	28	–	2 015	1 701	214	26
15 to 19 percent	143	–	78	–	2 420	2 059	254	30
20 to 24 percent	80	–	49	15	2 701	2 096	314	75
25 to 29 percent	139	–	44	40	2 214	1 832	233	65
30 to 34 percent	45	–	31	–	1 678	1 286	269	14
35 to 49 percent	244	–	37	33	2 436	1 921	341	46
50 percent or more	400	35	65	25	4 005	3 281	432	68
Not computed	96	5	–	16	1 708	1 355	189	126
Median	39.6	50.0+	25.5	36.3	27.3	27.0	29.4	27.4
Less than $10,000	362	13	103	25	4 121	3 275	615	22
Less than 20 percent	11	–	–	–	109	76	33	–
20 to 24 percent	12	–	14	–	183	157	26	–
25 to 29 percent	19	–	14	–	394	298	96	–
30 to 34 percent	7	–	13	–	219	168	43	–
35 percent or more	242	8	62	14	2 611	2 128	309	–
Not computed	71	5	–	11	605	448	108	22
Median	50.0+	50.0+	48.8	50.0+	50.0+	50.0+	44.7	–
$10,000 to $19,999	365	37	82	53	4 419	3 473	586	104
Less than 20 percent	58	10	14	–	364	278	80	–
20 to 24 percent	8	–	10	–	313	221	55	–
25 to 29 percent	36	–	10	9	465	371	39	10
30 to 34 percent	–	–	8	–	482	331	100	–
35 percent or more	256	27	40	44	2 479	1 986	294	82
Not computed	7	–	–	–	316	286	18	12
Median	43.4	50.0+	34.4	44.3	41.4	41.9	36.1	50.0+
$20,000 to $34,999	326	–	91	27	5 194	4 182	648	168
Less than 20 percent	53	–	57	–	1 198	997	159	29
20 to 24 percent	37	–	15	5	971	758	129	37
25 to 29 percent	60	–	14	17	865	727	84	35
30 to 34 percent	22	–	5	–	638	510	71	7
35 percent or more	146	–	–	–	1 163	934	161	7
Not computed	8	–	–	5	359	256	44	53
Median	32.0	–	18.8	26.8	26.4	26.4	25.8	23.9
$35,000 or more	164	–	69	24	6 581	5 603	483	156
Less than 20 percent	91	–	48	–	3 902	3 411	282	27
20 to 24 percent	23	–	10	10	1 234	960	104	38
25 to 29 percent	24	–	6	14	490	436	14	20
30 to 34 percent	16	–	5	–	339	277	55	7
35 percent or more	–	–	–	–	188	154	9	25
Not computed	10	–	–	–	428	365	19	39
Median	18.5	–	15.2	25.7	17.3	17.0	17.6	24.1

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Table 60. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Mexican	Puerto Rican	Cuban	Other Hispanic	Dominican (Dominican Republic)	Central American	Costa Rican	Guatemalan	Honduran	Nicaraguan
Occupied housing units	**3 394**	**5 956**	**166**	**9 828**	**33**	**237**	**30**	**–**	**51**	**40**
TENURE										
Owner-occupied housing units	655	2 012	41	4 366	–	70	6	–	18	14
Renter-occupied housing units	2 739	3 944	125	5 462	33	167	24	–	33	26
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**655**	**2 012**	**41**	**4 366**	**–**	**70**	**6**	**–**	**18**	**14**
1989 to March 1990	58	51	–	121	–	–	–	–	–	–
1985 to 1988	143	141	7	524	–	15	–	–	9	–
1980 to 1984	113	194	11	523	–	–	–	–	–	–
1970 to 1979	148	695	15	1 312	–	18	6	–	–	–
1960 to 1969	99	426	8	788	–	17	–	–	9	–
1950 to 1959	39	286	–	610	–	14	–	–	–	8
1940 to 1949	42	104	–	203	–	6	–	–	–	6
1939 or earlier	13	115	–	285	–	–	–	–	–	–
Renter-occupied housing units	**2 739**	**3 944**	**125**	**5 462**	**33**	**167**	**24**	**–**	**33**	**26**
1989 to March 1990	120	71	–	144	–	–	–	–	–	–
1985 to 1988	188	279	11	368	–	9	–	–	9	–
1980 to 1984	293	297	13	503	4	21	–	–	–	–
1970 to 1979	848	1 231	33	1 472	4	49	17	–	8	22
1960 to 1969	504	835	31	1 204	11	40	7	–	6	4
1950 to 1959	360	538	28	780	10	30	–	–	10	–
1940 to 1949	242	390	–	497	4	18	–	–	–	–
1939 or earlier	184	303	9	494	–	–	–	–	–	–
BEDROOMS										
Owner-occupied housing units	**655**	**2 012**	**41**	**4 366**	**–**	**70**	**6**	**–**	**18**	**14**
None	15	72	–	85	–	–	–	–	–	–
1	43	237	–	476	–	23	–	–	9	–
2	195	373	15	1 128	–	6	–	–	–	6
3	308	970	26	1 908	–	41	6	–	9	8
4	79	242	–	451	–	–	–	–	–	–
5 or more	15	118	–	318	–	–	–	–	–	–
Renter-occupied housing units	**2 739**	**3 944**	**125**	**5 462**	**33**	**167**	**24**	**–**	**33**	**26**
None	231	417	5	598	–	14	–	–	–	–
1	629	934	22	1 396	14	25	17	–	–	8
2	890	1 448	53	1 865	7	90	–	–	25	18
3	819	978	39	1 176	4	29	7	–	8	–
4	170	147	6	357	8	9	–	–	–	–
5 or more	–	20	–	70	–	–	–	–	–	–
SOURCE OF WATER										
Public system or private company	3 347	5 820	152	9 519	33	237	30	–	51	40
Individual drilled well	6	5	–	26	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	41	131	14	283	–	–	–	–	–	–
SEWAGE DISPOSAL										
Public sewer	2 853	4 206	138	7 447	29	211	24	–	42	40
Septic tank or cesspool	525	1 697	28	2 223	4	26	6	–	9	–
Other means	16	53	–	158	–	–	–	–	–	–
KITCHEN FACILITIES										
Complete kitchen facilities	3 309	5 808	166	9 651	33	227	30	–	51	40
Lacking complete kitchen facilities	85	148	–	177	–	10	–	–	–	–
HOUSE HEATING FUEL										
Utility gas	98	193	–	374	4	13	–	–	5	–
Bottled, tank, or LP gas	32	266	–	276	–	–	–	–	–	–
Electricity	1 125	2 432	47	3 592	22	89	–	–	23	–
Fuel oil, kerosene, etc.	–	4	–	6	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	19	28	–	24	–	–	–	–	–	–
Solar energy	40	60	6	164	–	6	–	–	–	6
Other fuel	5	–	–	–	–	–	–	–	–	–
No fuel used	2 075	2 973	113	5 392	7	129	30	–	23	34
VEHICLES AVAILABLE										
None	206	924	22	1 026	8	27	–	–	5	14
1	1 637	2 156	60	3 481	10	123	7	–	37	14
2	1 235	1 954	79	3 412	11	67	17	–	9	4
3	187	604	5	1 228	4	20	6	–	–	8
4	79	201	–	502	–	–	–	–	–	–
5 or more	50	117	–	179	–	–	–	–	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**655**	**2 012**	**41**	**4 366**	**–**	**70**	**6**	**–**	**18**	**14**
1989 to March 1990	141	128	7	407	–	5	–	–	–	–
1985 to 1988	250	399	23	1 147	–	37	–	–	18	6
1980 to 1984	112	327	11	763	–	12	6	–	–	–
1970 to 1979	81	587	–	1 093	–	16	–	–	–	8
1960 to 1969	46	326	–	493	–	–	–	–	–	–
1959 or earlier	25	245	–	463	–	–	–	–	–	–
Renter-occupied housing units	**2 739**	**3 944**	**125**	**5 462**	**33**	**167**	**24**	**–**	**33**	**26**
1989 to March 1990	1 508	1 547	33	2 001	18	79	14	–	22	12
1985 to 1988	993	1 515	87	2 242	11	86	10	–	11	14
1980 to 1984	131	381	5	790	4	–	–	–	–	–
1970 to 1979	93	401	–	302	–	2	–	–	–	–
1960 to 1969	6	82	–	77	–	–	–	–	–	–
1959 or earlier	8	18	–	50	–	–	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**655**	**2 012**	**41**	**4 366**	**–**	**70**	**6**	**–**	**18**	**14**
Lacking complete plumbing facilities	–	8	–	26	–	–	–	–	–	–
1.01 or more	–	8	–	–	–	–	–	–	–	–
Renter-occupied housing units	**2 739**	**3 944**	**125**	**5 462**	**33**	**167**	**24**	**–**	**33**	**26**
Lacking complete plumbing facilities	27	94	–	132	–	12	–	–	–	–
1.01 or more	–	28	–	53	–	–	–	–	–	–

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Table 60. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**—Con.

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Panamanian	Salvadoran	South American	Argentinean	Chilean	Colombian	Ecuadorian	Peruvian	Venezuelan	All other Hispanic origin
Occupied housing units	**92**	**24**	**352**	**69**	**33**	**59**	**59**	**81**	**35**	**9 206**
TENURE										
Owner-occupied housing units	26	6	79	15	5	3	20	13	12	4 217
Renter-occupied housing units	66	18	273	54	28	56	39	68	23	4 989
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**26**	**6**	**79**	**15**	**5**	**3**	**20**	**13**	**12**	**4 217**
1989 to March 1990	–	–	–	–	–	–	–	–	–	121
1985 to 1988	–	6	6	–	–	–	–	–	6	503
1980 to 1984	–	–	9	–	–	–	–	9	–	514
1970 to 1979	12	–	20	4	–	–	–	4	6	1 274
1960 to 1969	8	–	19	11	–	3	–	–	–	752
1950 to 1959	6	–	20	–	–	–	20	–	–	576
1940 to 1949	–	–	5	–	5	–	–	–	–	192
1939 or earlier	–	–	–	–	–	–	–	–	–	285
Renter-occupied housing units	**66**	**18**	**273**	**54**	**28**	**56**	**39**	**68**	**23**	**4 989**
1989 to March 1990	–	–	28	11	6	–	–	11	–	116
1985 to 1988	–	–	26	–	10	7	9	–	–	333
1980 to 1984	21	–	9	–	9	–	–	–	–	469
1970 to 1979	2	–	84	11	–	23	17	31	2	1 335
1960 to 1969	15	8	73	18	–	11	7	21	11	1 080
1950 to 1959	10	10	29	8	–	–	6	5	10	711
1940 to 1949	18	–	18	–	3	15	–	–	–	457
1939 or earlier	–	–	6	6	–	–	–	–	–	488
BEDROOMS										
Owner-occupied housing units	**26**	**6**	**79**	**15**	**5**	**3**	**20**	**13**	**12**	**4 217**
None	–	–	–	–	–	–	–	–	–	85
1	14	–	–	–	–	–	–	–	–	453
2	–	–	53	11	–	3	20	13	–	1 069
3	12	6	16	–	5	–	–	–	6	1 851
4	–	–	10	4	–	–	–	–	6	441
5 or more	–	–	–	–	–	–	–	–	–	318
Renter-occupied housing units	**66**	**18**	**273**	**54**	**28**	**56**	**39**	**68**	**23**	**4 989**
None	6	8	26	–	3	11	6	–	6	558
1	–	–	137	18	10	30	4	63	12	1 220
2	47	–	40	–	6	15	9	5	5	1 728
3	4	10	55	36	9	–	5	–	–	1 088
4	9	–	8	–	–	–	8	–	–	332
5 or more	–	–	7	–	–	–	7	–	–	63
SOURCE OF WATER										
Public system or private company	92	24	330	64	23	52	59	81	35	8 919
Individual drilled well	–	–	–	–	–	–	–	–	–	26
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	22	5	10	7	–	–	–	261
SEWAGE DISPOSAL										
Public sewer	87	18	295	64	20	52	59	59	30	6 912
Septic tank or cesspool	5	6	50	5	13	–	–	22	5	2 143
Other means	–	–	7	–	–	7	–	–	–	151
KITCHEN FACILITIES										
Complete kitchen facilities	82	24	352	69	33	59	59	81	35	9 039
Lacking complete kitchen facilities	10	–	–	–	–	–	–	–	–	167
HOUSE HEATING FUEL										
Utility gas	–	8	23	–	–	–	14	9	–	334
Bottled, tank, or LP gas	–	–	–	–	–	–	–	–	–	276
Electricity	50	16	176	28	24	35	25	37	27	3 305
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	6
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	24
Solar energy	–	–	–	–	–	–	–	–	–	158
Other fuel	–	–	–	–	–	–	–	–	–	–
No fuel used	42	–	153	41	9	24	20	35	8	5 103
VEHICLES AVAILABLE										
None	8	–	61	–	–	20	6	25	10	930
1	47	18	110	20	16	24	9	24	12	3 238
2	31	6	121	32	17	15	32	6	8	3 213
3	6	–	48	17	–	–	–	26	5	1 156
4	–	–	5	–	–	–	5	–	–	497
5 or more	–	–	7	–	–	–	7	–	–	172
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**26**	**6**	**79**	**15**	**5**	**3**	**20**	**13**	**12**	**4 217**
1989 to March 1990	5	–	27	11	–	–	–	4	6	375
1985 to 1988	7	6	10	4	–	–	–	–	6	1 100
1980 to 1984	6	–	37	–	–	3	20	9	–	714
1970 to 1979	8	–	–	–	–	–	–	–	–	1 077
1960 to 1969	–	–	–	–	–	–	–	–	–	493
1959 or earlier	–	–	5	–	5	–	–	–	–	458
Renter-occupied housing units	**66**	**18**	**273**	**54**	**28**	**56**	**39**	**68**	**23**	**4 989**
1989 to March 1990	31	–	148	22	25	46	26	11	18	1 756
1985 to 1988	33	18	100	21	–	10	13	46	5	2 045
1980 to 1984	–	–	20	6	3	–	–	11	–	766
1970 to 1979	2	–	5	5	–	–	–	–	–	295
1960 to 1969	–	–	–	–	–	–	–	–	–	77
1959 or earlier	–	–	–	–	–	–	–	–	–	50
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**26**	**6**	**79**	**15**	**5**	**3**	**20**	**13**	**12**	**4 217**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	26
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**66**	**18**	**273**	**54**	**28**	**56**	**39**	**68**	**23**	**4 989**
Lacking complete plumbing facilities	4	8	–	–	–	–	–	–	–	120
1.01 or more	–	–	–	–	–	–	–	–	–	53

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Table 61. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Mexican	Puerto Rican	Cuban	Other Hispanic	Dominican (Dominican Republic)	Central American	Costa Rican	Guatemalan	Honduran	Nicaraguan
Occupied housing units	**3 394**	**5 956**	**166**	**9 828**	**33**	**237**	**30**	**–**	**51**	**40**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**88**	**717**	**5**	**1 353**	**–**	**–**	**–**	**–**	**–**	**–**
Owner occupied	31	403	–	779	–	–	–	–	–	–
1-person households	19	254	5	357	–	–	–	–	–	–
Built 1939 or earlier	25	101	–	183	–	–	–	–	–	–
Mean household income in 1989 (dollars)	36 983	26 128	3 000	31 152	–	–	–	–	–	–
Female householder, no husband present	15	232	–	350	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	26	–	–	–	–	–	–
No vehicle available	16	279	5	315	–	–	–	–	–	–
No telephone in unit	10	9	–	46	–	–	–	–	–	–
1-person households	10	6	–	34	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**26**	**119**	**–**	**238**	**–**	**15**	**–**	**–**	**9**	**–**
Married-couple families	6	56	–	66	–	–	–	–	–	–
With own children under 18 years	–	12	–	17	–	–	–	–	–	–
Families with female householder	7	30	–	67	–	9	–	–	9	–
With own children under 18 years	7	21	–	60	–	9	–	–	9	–
Householder worked in 1989	4	33	–	125	–	15	–	–	9	–
With public assistance income	7	31	–	27	–	–	–	–	–	–
With Social Security income	6	22	–	91	–	–	–	–	–	–
Built 1939 or earlier	–	–	–	17	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	7	31	–	16	–	6	–	–	–	–
No telephone in unit	–	5	–	6	–	–	–	–	–	–
1.01 or more persons per room	–	39	–	43	–	9	–	–	9	–
Renter-occupied housing units	**261**	**1 065**	**20**	**1 027**	**–**	**2**	**–**	**–**	**–**	**–**
Married-couple families	55	188	–	219	–	–	–	–	–	–
With own children under 18 years	49	150	–	113	–	–	–	–	–	–
Families with female householder	80	536	7	438	–	2	–	–	–	–
With own children under 18 years	80	493	7	397	–	2	–	–	–	–
Householder worked in 1989	171	372	7	401	–	2	–	–	–	–
With public assistance income	64	557	20	425	–	–	–	–	–	–
With Social Security income	10	127	8	281	–	–	–	–	–	–
Built 1939 or earlier	19	95	–	70	–	–	–	–	–	–
Lacking complete plumbing facilities	–	56	–	33	–	–	–	–	–	–
No vehicle available	80	482	13	352	–	2	–	–	–	–
No telephone in unit	53	171	–	133	–	–	–	–	–	–
1.01 or more persons per room	72	334	7	262	–	–	–	–	–	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**31 694**	**26 494**	**31 406**	**35 017**	**22 768**	**24 931**	**50 315**	**–**	**28 750**	**18 929**
Owner occupied (dollars)	47 132	38 707	42 417	48 004	–	46 250	77 197	–	32 500	100 470
Renter occupied (dollars)	28 125	20 472	24 659	23 454	22 768	23 264	41 786	–	28 750	17 679
Specified owner-occupied housing units	**515**	**1 678**	**26**	**3 635**	**–**	**56**	**6**	**–**	**18**	**14**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	465	1 210	26	2 768	–	50	6	–	18	8
Less than $200	–	–	–	24	–	–	–	–	–	–
$200 to $299	–	56	–	81	–	–	–	–	–	–
$300 to $399	7	134	–	152	–	–	–	–	–	–
$400 to $499	35	142	–	222	–	–	–	–	–	–
$500 to $599	29	71	–	173	–	–	–	–	–	–
$600 to $699	35	103	–	234	–	–	–	–	–	–
$700 to $799	28	63	–	147	–	–	–	–	–	–
$800 to $899	15	96	–	192	–	–	–	–	–	–
$900 to $999	22	66	6	171	–	–	–	–	–	–
$1,000 to $1,249	114	186	13	457	–	6	6	–	–	–
$1,250 to $1,499	73	129	7	366	–	17	–	–	9	8
$1,500 to $1,999	62	121	–	369	–	27	–	–	9	–
$2,000 or more	45	43	–	180	–	–	–	–	–	–
Median (dollars)	1 135	838	1 135	993	–	1 537	1 125	–	1 500	1 375
Mean (dollars)	1 210	906	1 133	1 085	–	1 490	1 069	–	1 463	1 378
Not mortgaged	50	468	–	867	–	6	–	–	–	6
Less than $100	24	97	–	125	–	–	–	–	–	–
$100 to $199	22	259	–	454	–	6	–	–	–	6
$200 to $299	4	61	–	241	–	–	–	–	–	–
$300 to $399	–	31	–	38	–	–	–	–	–	–
$400 to $499	–	13	–	–	–	–	–	–	–	–
$500 or more	–	7	–	9	–	–	–	–	–	–
Median (dollars)	110	157	–	168	–	175	–	–	–	175
Mean (dollars)	113	176	–	175	–	175	–	–	–	175
Specified renter-occupied housing units	**2 733**	**3 902**	**125**	**5 389**	**33**	**157**	**24**	**–**	**33**	**26**
GROSS RENT										
Less than $100	16	87	–	94	–	–	–	–	–	–
$100 to $149	–	202	–	206	–	–	–	–	–	–
$150 to $199	38	163	5	143	–	14	–	–	–	12
$200 to $249	9	104	–	191	–	–	–	–	–	–
$250 to $299	24	142	–	205	–	–	–	–	–	–
$300 to $349	61	173	–	138	4	–	–	–	–	–
$350 to $399	100	202	–	215	10	6	–	–	–	–
$400 to $449	89	132	10	224	–	–	–	–	–	–
$450 to $499	96	235	7	356	8	4	–	–	–	–
$500 to $549	81	245	8	351	–	–	–	–	–	–
$550 to $599	93	308	7	378	–	15	7	–	–	–
$600 to $649	94	238	14	352	4	–	–	–	–	–
$650 to $699	175	204	–	362	–	16	10	–	6	–
$700 to $749	141	206	–	320	–	14	–	–	14	–
$750 to $999	723	664	23	986	3	37	7	–	–	14
$1,000 or more	410	150	16	417	4	6	–	–	–	–
No cash rent	583	447	35	451	–	45	–	–	13	–
Median (dollars)	770	557	629	596	458	704	675	–	714	768
Mean (dollars)	795	559	750	616	588	702	713	–	710	601

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Table 61. **Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**—Con.

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Panamanian	Salvadoran	South American	Argentinean	Chilean	Colombian	Ecuadorian	Peruvian	Venezuelan	All other Hispanic origin
Occupied housing units	**92**	**24**	**352**	**69**	**33**	**59**	**59**	**81**	**35**	**9 206**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**–**	**–**	**17**	**–**	**–**	**–**	**6**	**11**	**–**	**1 336**
Owner occupied	–	–	–	–	–	–	–	–	–	779
1-person households	–	–	17	–	–	–	6	11	–	340
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	183
Mean household income in 1989 (dollars)	–	–	6 922	–	–	–	11 409	4 474	–	31 461
Female householder, no husband present	–	–	11	–	–	–	–	11	–	339
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	26
No vehicle available	–	–	17	–	–	–	6	11	–	298
No telephone in unit	–	–	6	–	–	–	6	–	–	40
1-person households	–	–	6	–	–	–	6	–	–	28
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**6**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**223**
Married-couple families	–	–	–	–	–	–	–	–	–	66
With own children under 18 years	–	–	–	–	–	–	–	–	–	17
Families with female householder	–	–	–	–	–	–	–	–	–	58
With own children under 18 years	–	–	–	–	–	–	–	–	–	51
Householder worked in 1989	6	–	–	–	–	–	–	–	–	110
With public assistance income	–	–	–	–	–	–	–	–	–	27
With Social Security income	–	–	–	–	–	–	–	–	–	91
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	17
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	6	–	–	–	–	–	–	–	–	10
No telephone in unit	–	–	–	–	–	–	–	–	–	6
1.01 or more persons per room	–	–	–	–	–	–	–	–	–	34
Renter-occupied housing units	**2**	**–**	**42**	**17**	**–**	**10**	**4**	**11**	**–**	**983**
Married-couple families	–	–	–	–	–	–	–	–	–	219
With own children under 18 years	–	–	–	–	–	–	–	–	–	113
Families with female householder	2	–	18	11	–	7	–	–	–	418
With own children under 18 years	2	–	18	11	–	7	–	–	–	377
Householder worked in 1989	2	–	13	6	–	3	4	–	–	386
With public assistance income	–	–	7	–	–	7	–	–	–	418
With Social Security income	–	–	11	–	–	–	–	11	–	270
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	70
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	33
No vehicle available	2	–	11	–	–	–	–	11	–	339
No telephone in unit	–	–	–	–	–	–	–	–	–	133
1.01 or more persons per room	–	–	7	–	–	7	–	–	–	255
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**28 125**	**23 500**	**34 342**	**32 656**	**67 674**	**19 750**	**47 250**	**47 639**	**31 146**	**35 253**
Owner occupied (dollars)	9 308	50 480	53 910	87 213	150 000+	33 750	50 480	39 306	43 750	47 707
Renter occupied (dollars)	28 750	22 750	30 550	26 528	61 836	19 000	31 250	48 333	21 875	23 147
Specified owner-occupied housing units	**12**	**6**	**40**	**4**	**5**	**–**	**20**	**–**	**6**	**3 539**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	12	6	35	4	–	–	20	–	6	2 683
Less than $200	–	–	–	–	–	–	–	–	–	24
$200 to $299	–	–	–	–	–	–	–	–	–	81
$300 to $399	–	–	–	–	–	–	–	–	–	152
$400 to $499	–	–	–	–	–	–	–	–	–	222
$500 to $599	–	–	–	–	–	–	–	–	–	173
$600 to $699	–	–	–	–	–	–	–	–	–	234
$700 to $799	–	–	–	–	–	–	–	–	–	147
$800 to $899	–	–	5	–	–	–	–	–	–	187
$900 to $999	–	–	–	–	–	–	–	–	–	171
$1,000 to $1,249	–	–	20	–	–	–	20	–	–	431
$1,250 to $1,499	–	–	–	–	–	–	–	–	–	349
$1,500 to $1,999	12	6	10	4	–	–	–	–	6	332
$2,000 or more	–	–	–	–	–	–	–	–	–	180
Median (dollars)	1 750	1 750	1 156	1 750	–	–	1 125	–	1 750	972
Mean (dollars)	1 571	1 983	1 218	1 773	–	–	1 088	–	1 595	1 076
Not mortgaged	–	–	5	–	5	–	–	–	–	856
Less than $100	–	–	–	–	–	–	–	–	–	125
$100 to $199	–	–	–	–	–	–	–	–	–	448
$200 to $299	–	–	–	–	–	–	–	–	–	241
$300 to $399	–	–	5	–	5	–	–	–	–	33
$400 to $499	–	–	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–	9
Median (dollars)	–	–	325	–	325	–	–	–	–	167
Mean (dollars)	–	–	345	–	345	–	–	–	–	174
Specified renter-occupied housing units	**66**	**8**	**273**	**54**	**28**	**56**	**39**	**68**	**23**	**4 926**
GROSS RENT										
Less than $100	–	–	–	–	–	–	–	–	–	94
$100 to $149	–	–	11	–	–	–	–	11	–	195
$150 to $199	2	–	–	–	–	–	–	–	–	129
$200 to $249	–	–	–	–	–	–	–	–	–	191
$250 to $299	–	–	8	5	–	3	–	–	–	197
$300 to $349	–	–	8	–	3	5	–	–	–	126
$350 to $399	6	–	7	7	–	–	–	–	–	192
$400 to $449	–	–	14	–	–	–	14	–	–	210
$450 to $499	4	–	7	–	–	7	–	–	–	337
$500 to $549	–	–	16	6	–	–	–	–	10	335
$550 to $599	–	8	9	–	–	–	–	9	–	354
$600 to $649	–	–	6	–	–	–	–	–	6	342
$650 to $699	–	–	6	–	–	6	–	–	–	340
$700 to $749	–	–	20	–	–	15	–	5	–	286
$750 to $999	16	–	97	11	25	8	14	34	5	849
$1,000 or more	6	–	41	25	–	12	4	–	–	366
No cash rent	32	–	23	–	–	–	7	9	2	383
Median (dollars)	828	575	784	955	860	723	786	783	604	588
Mean (dollars)	797	575	785	913	848	770	754	710	666	605

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Table 62. **Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Mexican	Puerto Rican	Cuban	Other Hispanic	Dominican (Dominican Republic)	Central American	Costa Rican	Guatemalan	Honduran	Nicaraguan
Specified owner-occupied housing units	**515**	**1 678**	**26**	**3 635**	**–**	**56**	**6**	**–**	**18**	**14**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	515	1 678	26	3 635	–	56	6	–	18	14
Less than 10 percent	52	385	–	877	–	6	–	–	–	6
10 to 14 percent	56	235	5	563	–	–	–	–	–	–
15 to 19 percent	75	292	–	476	–	14	6	–	–	8
20 to 24 percent	86	207	–	457	–	–	–	–	–	–
25 to 29 percent	58	147	–	377	–	9	–	–	9	–
30 to 34 percent	51	102	14	289	–	–	–	–	–	–
35 to 49 percent	70	164	7	244	–	11	–	–	–	–
50 percent or more	67	133	–	318	–	16	–	–	9	–
Not computed	–	13	–	34	–	–	–	–	–	–
Median	24.3	18.6	32.9	18.8	–	29.4	17.5	–	40.0	15.6
Less than $20,000	51	310	–	471	–	9	–	–	9	–
Less than 20 percent	34	119	–	214	–	–	–	–	–	–
20 to 24 percent	–	28	–	6	–	–	–	–	–	–
25 to 29 percent	–	34	–	16	–	–	–	–	–	–
30 to 34 percent	–	13	–	26	–	–	–	–	–	–
35 percent or more	17	108	–	184	–	9	–	–	9	–
Not computed	–	8	–	25	–	–	–	–	–	–
Median	13.2	25.6	–	25.9	–	50.0+	–	–	50.0+	–
$20,000 to $34,999	87	396	–	491	–	–	–	–	–	–
Less than 20 percent	4	207	–	193	–	–	–	–	–	–
20 to 24 percent	36	49	–	51	–	–	–	–	–	–
25 to 29 percent	–	38	–	46	–	–	–	–	–	–
30 to 34 percent	–	35	–	58	–	–	–	–	–	–
35 percent or more	47	62	–	143	–	–	–	–	–	–
Not computed	–	5	–	–	–	–	–	–	–	–
Median	39.4	18.4	–	25.2	–	–	–	–	–	–
$35,000 to $49,999	129	353	21	833	–	12	–	–	–	–
Less than 20 percent	28	171	–	456	–	–	–	–	–	–
20 to 24 percent	4	41	–	87	–	–	–	–	–	–
25 to 29 percent	11	38	–	82	–	–	–	–	–	–
30 to 34 percent	34	6	14	76	–	–	–	–	–	–
35 percent or more	52	97	7	132	–	12	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	33.2	20.7	33.8	18.4	–	50.0+	–	–	–	–
$50,000 or more	248	619	5	1 840	–	35	6	–	9	14
Less than 20 percent	117	415	5	1 053	–	20	6	–	–	14
20 to 24 percent	46	89	–	313	–	–	–	–	–	–
25 to 29 percent	47	37	–	233	–	9	–	–	9	–
30 to 34 percent	17	48	–	129	–	–	–	–	–	–
35 percent or more	21	30	–	103	–	6	–	–	–	–
Not computed	–	–	–	9	–	–	–	–	–	–
Median	20.8	17.1	12.5	17.3	–	19.1	17.5	–	27.5	15.6
Specified renter-occupied housing units	**2 733**	**3 902**	**125**	**5 389**	**33**	**157**	**24**	**–**	**33**	**26**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	2 733	3 902	125	5 389	33	157	24	–	33	26
Less than 10 percent	67	145	–	292	–	–	–	–	–	–
10 to 14 percent	183	283	10	444	–	–	–	–	–	–
15 to 19 percent	283	467	10	604	–	30	17	–	–	–
20 to 24 percent	331	381	24	767	18	16	–	–	5	4
25 to 29 percent	219	518	9	524	8	25	–	–	9	8
30 to 34 percent	184	271	–	434	–	–	–	–	–	–
35 to 49 percent	330	504	14	791	–	12	–	–	6	–
50 percent or more	536	802	23	1 012	7	29	7	–	–	14
Not computed	600	531	35	521	–	45	–	–	13	–
Median	29.6	29.0	25.6	28.1	24.6	27.0	18.5	–	27.8	50.0+
Less than $10,000	196	980	13	951	–	14	–	–	–	12
Less than 20 percent	16	47	–	45	–	–	–	–	–	–
20 to 24 percent	–	51	–	60	–	4	–	–	–	4
25 to 29 percent	5	88	–	68	–	10	–	–	–	8
30 to 34 percent	–	92	–	41	–	–	–	–	–	–
35 percent or more	148	556	13	627	–	–	–	–	–	–
Not computed	27	146	–	110	–	–	–	–	–	–
Median	50.0+	50.0+	50.0+	50.0+	–	26.5	–	–	–	26.3
$10,000 to $19,999	580	930	32	1 311	8	57	–	–	14	14
Less than 20 percent	16	87	–	128	–	–	–	–	–	–
20 to 24 percent	12	50	–	102	–	–	–	–	–	–
25 to 29 percent	23	100	–	120	4	6	–	–	–	–
30 to 34 percent	33	24	–	132	–	–	–	–	–	–
35 percent or more	331	513	19	712	4	28	–	–	6	14
Not computed	165	156	13	117	–	23	–	–	8	–
Median	50.0+	41.0	43.6	40.5	40.0	50.0+	–	–	45.0	50.0+
$20,000 to $34,999	939	1 036	51	1 383	21	39	7	–	14	–
Less than 20 percent	100	207	10	210	–	4	–	–	–	–
20 to 24 percent	54	115	14	222	14	–	–	–	–	–
25 to 29 percent	112	244	–	183	4	9	–	–	9	–
30 to 34 percent	93	122	–	192	–	–	–	–	–	–
35 percent or more	352	231	5	414	3	13	7	–	–	–
Not computed	228	117	22	162	–	13	–	–	5	–
Median	34.8	27.8	21.6	29.9	23.8	35.0	50.0+	–	27.5	–
$35,000 or more	1 018	956	29	1 744	4	47	17	–	5	–
Less than 20 percent	401	554	10	957	–	26	17	–	–	–
20 to 24 percent	265	165	10	383	4	12	–	–	5	–
25 to 29 percent	79	86	9	153	–	–	–	–	–	–
30 to 34 percent	58	33	–	69	–	–	–	–	–	–
35 percent or more	35	6	–	50	–	–	–	–	–	–
Not computed	180	112	–	132	–	9	–	–	–	–
Median	20.3	17.5	22.2	18.2	22.5	18.7	17.5	–	22.5	–

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Table 62. **Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990** —Con.

[Householders of Hispanic origin may be of any race. Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Panamanian	Salvadoran	South American	Argentinean	Chilean	Colombian	Ecuadorian	Peruvian	Venezuelan	All other Hispanic origin
Specified owner-occupied housing units	**12**	**6**	**40**	**4**	**5**	**–**	**20**	**–**	**6**	**3 539**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	12	6	40	4	5	–	20	–	6	3 539
Less than 10 percent	–	–	5	–	5	–	–	–	–	866
10 to 14 percent	–	–	–	–	–	–	–	–	–	563
15 to 19 percent	–	–	–	–	–	–	–	–	–	462
20 to 24 percent	–	–	9	4	–	–	–	–	–	448
25 to 29 percent	–	–	20	–	–	–	20	–	–	348
30 to 34 percent	–	–	–	–	–	–	–	–	–	289
35 to 49 percent	5	6	–	–	–	–	–	–	–	233
50 percent or more	7	–	6	–	–	–	–	–	6	296
Not computed	–	–	–	–	–	–	–	–	–	34
Median	50.0+	45.0	26.5	22.5	10.0–	–	27.5	–	50.0+	18.5
Less than $20,000	–	–	–	–	–	–	–	–	–	462
Less than 20 percent	–	–	–	–	–	–	–	–	–	214
20 to 24 percent	–	–	–	–	–	–	–	–	–	6
25 to 29 percent	–	–	–	–	–	–	–	–	–	16
30 to 34 percent	–	–	–	–	–	–	–	–	–	26
35 percent or more	–	–	–	–	–	–	–	–	–	175
Not computed	–	–	–	–	–	–	–	–	–	25
Median	–	–	–	–	–	–	–	–	–	23.8
$20,000 to $34,999	–	–	6	–	–	–	–	–	6	485
Less than 20 percent	–	–	–	–	–	–	–	–	–	193
20 to 24 percent	–	–	–	–	–	–	–	–	–	51
25 to 29 percent	–	–	–	–	–	–	–	–	–	46
30 to 34 percent	–	–	–	–	–	–	–	–	–	58
35 percent or more	–	–	6	–	–	–	–	–	6	137
Not computed	–	–	–	–	–	–	–	–	–	–
Median	–	–	50.0+	–	–	–	–	–	50.0+	24.9
$35,000 to $49,999	12	–	5	–	–	–	–	–	–	816
Less than 20 percent	–	–	–	–	–	–	–	–	–	456
20 to 24 percent	–	–	5	–	–	–	–	–	–	82
25 to 29 percent	–	–	–	–	–	–	–	–	–	82
30 to 34 percent	–	–	–	–	–	–	–	–	–	76
35 percent or more	12	–	–	–	–	–	–	–	–	120
Not computed	–	–	–	–	–	–	–	–	–	–
Median	50.0+	–	22.5	–	–	–	–	–	–	18.0
$50,000 or more	–	6	29	4	5	–	20	–	–	1 776
Less than 20 percent	–	–	5	–	5	–	–	–	–	1 028
20 to 24 percent	–	–	4	4	–	–	–	–	–	309
25 to 29 percent	–	–	20	–	–	–	20	–	–	204
30 to 34 percent	–	–	–	–	–	–	–	–	–	129
35 percent or more	–	6	–	–	–	–	–	–	–	97
Not computed	–	–	–	–	–	–	–	–	–	9
Median	–	45.0	26.4	22.5	10.0–	–	27.5	–	–	17.0
Specified renter-occupied housing units	**66**	**8**	**273**	**54**	**28**	**56**	**39**	**68**	**23**	**4 926**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	66	8	273	54	28	56	39	68	23	4 926
Less than 10 percent	–	–	–	–	–	–	–	–	–	292
10 to 14 percent	–	–	27	6	12	–	–	9	–	417
15 to 19 percent	13	–	35	7	6	–	–	22	–	539
20 to 24 percent	7	–	32	6	–	11	9	6	–	701
25 to 29 percent	8	–	27	–	–	3	13	–	11	464
30 to 34 percent	–	–	31	–	–	20	–	11	–	403
35 to 49 percent	6	–	51	24	10	–	6	11	–	728
50 percent or more	–	8	36	–	–	22	4	–	10	940
Not computed	32	–	34	11	–	–	7	9	2	442
Median	22.9	50.0+	29.7	35.8	16.7	33.5	27.7	19.7	29.8	28.2
Less than $10,000	2	–	34	16	–	7	–	11	–	903
Less than 20 percent	–	–	–	–	–	–	–	–	–	45
20 to 24 percent	–	–	–	–	–	–	–	–	–	56
25 to 29 percent	2	–	–	–	–	–	–	–	–	58
30 to 34 percent	–	–	11	–	–	–	–	11	–	30
35 percent or more	–	–	12	5	–	7	–	–	–	615
Not computed	–	–	11	11	–	–	–	–	–	99
Median	27.5	–	35.5	37.5	–	50.0+	–	32.5	–	50.0+
$10,000 to $19,999	21	8	47	–	–	23	14	–	10	1 199
Less than 20 percent	–	–	–	–	–	–	–	–	–	128
20 to 24 percent	–	–	5	–	–	5	–	–	–	97
25 to 29 percent	6	–	11	–	–	3	8	–	–	99
30 to 34 percent	–	–	–	–	–	–	–	–	–	132
35 percent or more	–	8	31	–	–	15	6	–	10	649
Not computed	15	–	–	–	–	–	–	–	–	94
Median	27.5	50.0+	50.0+	–	–	50.0+	29.4	–	50.0+	39.6
$20,000 to $34,999	18	–	91	26	13	8	11	20	8	1 232
Less than 20 percent	4	–	10	7	3	–	–	–	–	196
20 to 24 percent	–	–	–	–	–	–	–	–	–	208
25 to 29 percent	–	–	6	–	–	–	–	–	6	164
30 to 34 percent	–	–	8	–	–	8	–	–	–	184
35 percent or more	6	–	44	19	10	–	4	11	–	354
Not computed	8	–	23	–	–	–	7	9	2	126
Median	41.7	–	37.9	37.7	43.5	32.5	50.0+	39.6	27.5	29.5
$35,000 or more	25	–	101	12	15	18	14	37	5	1 592
Less than 20 percent	9	–	52	6	15	–	–	31	–	879
20 to 24 percent	7	–	27	6	–	6	9	6	–	340
25 to 29 percent	–	–	10	–	–	–	5	–	5	143
30 to 34 percent	–	–	12	–	–	12	–	–	–	57
35 percent or more	–	–	–	–	–	–	–	–	–	50
Not computed	9	–	–	–	–	–	–	–	–	123
Median	19.4	–	19.7	17.5	14.2	31.3	23.9	17.2	27.5	18.1

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Table 63. Occupancy, Fuel, and Structural Characteristics of Housing Units for Race of Householder by Hispanic Origin: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Occupied housing units	White		Black		American Indian, Eskimo, or Aleut		Asian or Pacific Islander		Other race	
		Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin
Occupied housing units	**356 267**	**138 755**	**132 781**	**7 342**	**7 132**	**1 624**	**1 415**	**202 865**	**194 977**	**5 681**	**618**
TENURE											
Owner-occupied housing units	191 894	60 863	58 774	831	783	412	367	128 069	124 689	1 719	207
Renter-occupied housing units	164 373	77 892	74 007	6 511	6 349	1 212	1 048	74 796	70 288	3 962	411
YEAR STRUCTURE BUILT											
Owner-occupied housing units	**191 894**	**60 863**	**58 774**	**831**	**783**	**412**	**367**	**128 069**	**124 689**	**1 719**	**207**
1989 to March 1990	4 444	1 997	1 946	29	29	7	7	2 338	2 219	73	13
1985 to 1988	18 487	6 643	6 340	80	80	35	35	11 562	11 197	167	20
1980 to 1984	19 259	6 928	6 678	167	164	41	34	11 966	11 507	157	35
1970 to 1979	56 444	20 616	20 050	296	266	168	147	34 860	33 770	504	41
1960 to 1969	41 913	11 494	11 132	157	142	73	56	29 840	29 206	349	56
1950 to 1959	28 574	7 260	6 959	57	57	45	45	20 927	20 548	285	30
1940 to 1949	11 341	2 902	2 788	36	36	21	21	8 305	8 147	77	–
1939 or earlier	11 432	3 023	2 881	9	9	22	22	8 271	8 095	107	12
Renter-occupied housing units	**164 373**	**77 892**	**74 007**	**6 511**	**6 349**	**1 212**	**1 048**	**74 796**	**70 288**	**3 962**	**411**
1989 to March 1990	3 584	2 049	1 898	65	59	42	38	1 305	1 248	123	6
1985 to 1988	10 734	6 197	5 848	358	358	81	64	3 841	3 594	257	24
1980 to 1984	15 985	8 554	8 250	675	635	109	91	6 308	5 874	339	29
1970 to 1979	48 240	23 308	22 188	2 418	2 356	303	281	21 024	19 679	1 187	152
1960 to 1969	36 241	15 752	14 965	1 103	1 070	318	250	18 333	17 322	735	60
1950 to 1959	22 963	10 287	9 762	1 033	1 017	141	129	10 950	10 302	552	47
1940 to 1949	13 657	6 506	6 156	558	553	89	73	6 051	5 680	453	66
1939 or earlier	12 969	5 239	4 940	301	301	129	122	6 984	6 589	316	27
BEDROOMS											
Owner-occupied housing units	**191 894**	**60 863**	**58 774**	**831**	**783**	**412**	**367**	**128 069**	**124 689**	**1 719**	**207**
None	3 899	1 461	1 404	13	13	14	14	2 379	2 281	32	15
1	19 297	6 649	6 415	66	66	22	7	12 347	12 031	213	22
2	42 576	15 028	14 490	250	226	155	147	26 741	25 956	402	46
3	86 951	25 606	24 653	340	320	153	146	60 046	58 518	806	102
4	27 748	8 996	8 799	134	130	50	41	18 360	17 984	208	22
5 or more	11 423	3 123	3 013	28	28	18	12	8 196	7 919	58	–
Renter-occupied housing units	**164 373**	**77 892**	**74 007**	**6 511**	**6 349**	**1 212**	**1 048**	**74 796**	**70 288**	**3 962**	**411**
None	19 443	7 497	7 121	428	410	105	85	10 983	10 528	430	48
1	43 448	18 328	17 277	1 156	1 137	313	276	22 667	21 640	984	137
2	52 617	25 221	24 020	2 359	2 304	411	362	23 295	21 546	1 331	129
3	37 451	20 235	19 256	1 724	1 669	339	294	14 130	13 133	1 023	87
4	9 647	5 788	5 549	758	743	34	21	2 878	2 644	189	10
5 or more	1 767	823	784	86	86	10	10	843	797	5	–
SOURCE OF WATER											
Public system or private company	348 793	133 687	127 963	7 275	7 080	1 528	1 319	200 721	192 991	5 582	602
Individual drilled well	512	271	265	7	7	5	5	224	198	5	–
Individual dug well	105	45	45	–	–	–	–	60	60	–	–
Some other source	6 857	4 752	4 508	60	45	91	91	1 860	1 728	94	16
SEWAGE DISPOSAL											
Public sewer	286 727	108 180	103 771	6 989	6 830	1 241	1 073	165 851	159 913	4 466	496
Septic tank or cesspool	66 368	29 211	27 763	295	253	337	296	35 334	33 469	1 191	114
Other means	3 172	1 364	1 247	58	49	46	46	1 680	1 595	24	8
KITCHEN FACILITIES											
Complete kitchen facilities	351 493	136 594	130 782	7 267	7 070	1 601	1 396	200 484	192 703	5 547	608
Lacking complete kitchen facilities	4 774	2 161	1 999	75	62	23	19	2 381	2 274	134	10
HOUSE HEATING FUEL											
Utility gas	11 723	2 682	2 511	256	256	62	54	8 470	8 206	253	31
Bottled, tank, or LP gas	7 257	2 169	2 015	73	73	48	39	4 793	4 532	174	24
Electricity	135 102	38 070	36 015	2 562	2 490	507	444	91 615	88 745	2 348	212
Fuel oil, kerosene, etc.	607	329	329	–	–	9	9	265	259	4	–
Coal or coke	–	–	–	–	–	–	–	–	–	–	–
Wood	1 728	1 317	1 287	–	–	16	9	373	361	22	–
Solar energy	5 578	1 413	1 358	43	43	29	18	4 015	3 884	78	5
Other fuel	125	46	41	8	8	–	–	71	71	–	–
No fuel used	194 147	92 729	89 225	4 400	4 262	953	842	93 263	88 919	2 802	346
VEHICLES AVAILABLE											
None	35 159	12 110	11 340	676	660	141	137	21 578	20 781	654	63
1	128 513	56 006	53 630	3 747	3 671	734	622	65 698	62 950	2 328	306
2	127 011	51 349	49 336	2 480	2 404	578	516	70 505	67 873	2 099	202
3	43 580	13 825	13 291	369	330	116	85	28 851	27 811	419	39
4	15 187	3 836	3 642	70	67	41	41	11 104	10 650	136	5
5 or more	6 817	1 629	1 542	–	–	14	14	5 129	4 912	45	3
YEAR HOUSEHOLDER MOVED INTO UNIT											
Owner-occupied housing units	**191 894**	**60 863**	**58 774**	**831**	**783**	**412**	**367**	**128 069**	**124 689**	**1 719**	**207**
1989 to March 1990	18 553	8 674	8 487	141	136	20	12	9 531	9 208	187	27
1985 to 1988	44 975	18 884	18 289	297	287	141	134	25 275	24 402	378	44
1980 to 1984	25 199	8 973	8 707	134	115	77	71	15 734	15 070	281	23
1970 to 1979	47 273	13 932	13 427	192	178	153	129	32 570	31 700	426	78
1960 to 1969	28 681	5 722	5 421	50	50	9	9	22 652	22 315	248	21
1959 or earlier	27 213	4 678	4 443	17	17	12	12	22 307	21 994	199	14
Renter-occupied housing units	**164 373**	**77 892**	**74 007**	**6 511**	**6 349**	**1 212**	**1 048**	**74 796**	**70 288**	**3 962**	**411**
1989 to March 1990	63 987	36 458	34 720	3 651	3 571	619	538	21 419	19 890	1 840	179
1985 to 1988	60 700	29 979	28 490	2 489	2 423	388	356	26 287	24 441	1 557	153
1980 to 1984	19 622	6 600	6 260	250	234	119	107	12 368	11 665	285	49
1970 to 1979	13 276	3 794	3 548	101	101	80	41	9 101	8 760	200	30
1960 to 1969	4 016	724	678	15	15	–	–	3 223	3 158	54	–
1959 or earlier	2 772	337	311	5	5	6	6	2 398	2 374	26	–
PLUMBING FACILITIES BY PERSONS PER ROOM											
Owner-occupied housing units	**191 894**	**60 863**	**58 774**	**831**	**783**	**412**	**367**	**128 069**	**124 689**	**1 719**	**207**
Lacking complete plumbing facilities	1 156	602	582	–	–	26	26	528	514	–	–
1.01 or more	296	152	144	–	–	–	–	144	144	–	–
Renter-occupied housing units	**164 373**	**77 892**	**74 007**	**6 511**	**6 349**	**1 212**	**1 048**	**74 796**	**70 288**	**3 962**	**411**
Lacking complete plumbing facilities	2 209	816	719	50	37	37	29	1 237	1 171	69	–
1.01 or more	842	183	160	36	27	18	18	599	556	6	–

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Table 64. Social and Financial Characteristics of Housing Units for Race of Householder by Hispanic Origin: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Occupied housing units	White		Black		American Indian, Eskimo, or Aleut		Asian or Pacific Islander		Other race	
		Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin
Occupied housing units	**356 267**	**138 755**	**132 781**	**7 342**	**7 132**	**1 624**	**1 415**	**202 865**	**194 977**	**5 681**	**618**
HOUSEHOLDER 65 YEARS AND OVER											
Occupied housing units	**74 144**	**22 904**	**22 173**	**253**	**241**	**60**	**60**	**50 306**	**49 450**	**621**	**57**
Owner occupied	53 290	15 702	15 286	57	57	24	24	37 119	36 666	388	44
1-person households	22 290	9 369	9 115	129	117	30	30	12 573	12 384	189	9
Built 1939 or earlier	9 118	1 939	1 827	19	19	10	10	7 045	6 948	105	5
Mean household income in 1989 (dollars)	40 449	42 818	43 264	28 817	27 154	20 703	20 703	39 638	39 751	25 444	38 005
Female householder, no husband present	23 222	8 304	8 068	60	60	21	21	14 637	14 467	200	9
Lacking complete plumbing facilities	512	47	47	–	–	4	4	450	435	11	–
No vehicle available	15 656	4 951	4 725	90	90	8	8	10 398	10 218	209	–
No telephone in unit	1 562	415	382	5	5	–	–	1 139	1 110	3	–
1-person households	1 188	349	316	5	5	–	–	834	817	–	–
HOUSEHOLDS BELOW POVERTY LEVEL											
Owner-occupied housing units	**6 573**	**2 472**	**2 354**	**25**	**25**	**28**	**28**	**3 960**	**3 765**	**88**	**18**
Married-couple families	2 185	808	782	7	7	13	13	1 319	1 252	38	3
With own children under 18 years	928	353	348	7	7	7	7	561	537	–	–
Families with female householder	873	203	194	–	–	9	9	636	560	25	6
With own children under 18 years	514	142	133	–	–	9	9	347	278	16	6
Householder worked in 1989	2 259	961	891	–	–	16	16	1 257	1 178	25	12
With public assistance income	809	264	264	9	9	–	–	515	465	21	6
With Social Security income	2 344	823	791	–	–	6	6	1 493	1 428	22	–
Built 1939 or earlier	618	273	268	–	–	–	–	345	333	–	–
Lacking complete plumbing facilities	264	177	177	–	–	–	–	87	87	–	–
No vehicle available	1 328	352	338	9	9	–	–	946	921	21	6
No telephone in unit	460	156	150	7	7	16	16	275	270	6	6
1.01 or more persons per room	862	224	198	7	7	7	7	609	568	15	–
Renter-occupied housing units	**22 820**	**7 667**	**6 991**	**427**	**401**	**234**	**207**	**13 842**	**12 781**	**650**	**67**
Married-couple families	5 629	1 508	1 389	259	244	47	44	3 668	3 484	147	6
With own children under 18 years	4 101	1 124	1 071	221	206	38	35	2 588	2 471	130	6
Families with female householder	6 116	1 765	1 511	57	54	81	70	3 951	3 391	262	29
With own children under 18 years	5 438	1 652	1 411	51	48	81	70	3 416	2 903	238	29
Householder worked in 1989	9 680	3 743	3 505	267	255	126	103	5 277	4 840	267	26
With public assistance income	8 059	2 306	2 074	138	115	117	106	5 222	4 687	276	11
With Social Security income	4 617	1 415	1 242	35	27	22	22	3 074	2 880	71	20
Built 1939 or earlier	1 788	602	543	15	15	30	27	1 103	1 010	38	9
Lacking complete plumbing facilities	870	300	277	9	–	15	15	508	489	38	–
No vehicle available	9 051	2 261	1 987	152	144	48	48	6 335	5 927	255	18
No telephone in unit	2 889	821	743	60	54	37	37	1 900	1 686	71	12
1.01 or more persons per room	6 045	1 115	985	94	79	73	63	4 616	4 226	147	17
MEDIAN HOUSEHOLD INCOME IN 1989											
Occupied housing units (dollars)	**38 570**	**37 313**	**37 677**	**27 085**	**26 982**	**30 529**	**31 102**	**40 579**	**40 800**	**27 192**	**27 381**
Owner occupied (dollars)	50 455	50 304	50 548	46 414	46 151	42 402	44 013	50 718	50 740	41 770	48 021
Renter occupied (dollars)	27 594	30 359	30 650	25 835	25 823	25 727	26 964	25 681	25 784	22 628	21 375
Specified owner-occupied housing units	**147 510**	**42 661**	**40 999**	**491**	**467**	**263**	**234**	**102 668**	**99 793**	**1 427**	**163**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
With a mortgage	102 601	31 011	29 911	415	391	180	158	69 883	67 536	1 112	136
Less than $200	855	235	216	–	–	–	–	615	615	5	–
$200 to $299	3 402	644	614	–	–	–	–	2 701	2 644	57	7
$300 to $399	6 626	1 535	1 482	11	11	11	11	4 975	4 823	94	6
$400 to $499	7 214	1 725	1 631	12	12	17	17	5 357	5 136	103	19
$500 to $599	6 836	1 578	1 544	–	–	18	18	5 191	4 986	49	15
$600 to $699	6 632	1 734	1 590	17	17	6	6	4 769	4 631	106	16
$700 to $799	6 900	1 757	1 699	13	13	–	–	5 062	4 941	68	9
$800 to $899	6 318	1 704	1 613	34	34	6	6	4 517	4 362	57	–
$900 to $999	6 040	1 701	1 606	34	34	30	30	4 204	4 077	71	28
$1,000 to $1,249	14 224	4 000	3 804	54	48	13	13	9 988	9 589	169	–
$1,250 to $1,499	13 085	4 353	4 217	86	86	28	6	8 459	8 175	159	26
$1,500 to $1,999	14 316	5 237	5 148	110	92	36	36	8 811	8 478	122	10
$2,000 or more	10 153	4 808	4 747	44	44	15	15	5 234	5 079	52	–
Median (dollars)	1 008	1 181	1 195	1 344	1 327	1 038	972	940	939	919	750
Mean (dollars)	1 144	1 322	1 334	1 390	1 380	1 145	1 107	1 066	1 066	983	876
Not mortgaged	44 909	11 650	11 088	76	76	83	76	32 785	32 257	315	27
Less than $100	5 407	1 791	1 696	12	12	37	37	3 477	3 413	90	3
$100 to $199	24 665	5 255	4 968	43	43	35	28	19 178	18 883	154	8
$200 to $299	10 804	2 852	2 722	13	13	11	11	7 880	7 742	48	10
$300 to $399	2 474	943	909	4	4	–	–	1 517	1 486	10	6
$400 to $499	753	350	350	4	4	–	–	386	386	13	–
$500 or more	806	459	443	–	–	–	–	347	347	–	–
Median (dollars)	170	176	177	170	170	116	104	168	168	153	213
Mean (dollars)	187	205	206	176	176	130	125	182	182	154	208
Specified renter-occupied housing units	**162 820**	**77 176**	**73 334**	**6 461**	**6 299**	**1 197**	**1 033**	**74 079**	**69 607**	**3 907**	**398**
GROSS RENT											
Less than $100	2 053	442	396	–	–	13	13	1 518	1 441	80	6
$100 to $149	3 554	829	707	–	–	22	22	2 599	2 404	104	13
$150 to $199	3 455	759	694	45	45	16	13	2 505	2 354	130	–
$200 to $249	3 103	652	569	25	25	13	13	2 352	2 192	61	–
$250 to $299	4 399	1 067	966	35	35	9	9	3 166	3 000	122	18
$300 to $349	5 742	1 607	1 480	189	180	27	27	3 824	3 666	95	17
$350 to $399	6 862	2 325	2 171	264	264	43	43	4 049	3 835	181	32
$400 to $449	7 531	2 594	2 466	255	255	78	56	4 434	4 276	170	23
$450 to $499	8 062	2 943	2 716	181	167	27	9	4 743	4 455	168	21
$500 to $549	8 993	3 005	2 883	123	123	108	104	5 607	5 184	150	14
$550 to $599	8 515	3 341	3 110	123	123	79	71	4 746	4 394	226	31
$600 to $649	8 075	3 283	3 174	278	237	45	37	4 319	3 916	150	13
$650 to $699	9 294	3 782	3 564	415	412	63	59	4 805	4 482	229	36
$700 to $749	8 828	4 349	4 189	323	323	41	26	3 870	3 616	245	7
$750 to $999	31 353	18 206	17 280	1 385	1 358	292	232	10 629	9 964	841	123
$1,000 or more	20 923	14 817	14 387	424	382	164	146	5 255	4 985	263	30
No cash rent	22 078	13 175	12 582	2 396	2 370	157	153	5 658	5 443	692	14
Median (dollars)	650	764	769	715	715	682	669	545	543	640	656
Mean (dollars)	687	801	807	733	729	731	727	579	578	637	657

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Table 65. Household Income Characteristics of Housing Units for Race of Householder by Hispanic Origin: 1990

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	Occupied housing units	White		Black		American Indian, Eskimo, or Aleut		Asian or Pacific Islander		Other race	
		Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin	Total	Not of Hispanic origin
Specified owner-occupied housing units	**147 510**	**42 661**	**40 999**	**491**	**467**	**263**	**234**	**102 668**	**99 793**	**1 427**	**163**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	147 510	42 661	40 999	491	467	263	234	102 668	99 793	1 427	163
Less than 10 percent	47 216	10 786	10 322	52	52	73	66	36 059	35 429	246	33
10 to 14 percent	21 471	5 747	5 454	51	51	46	46	15 426	15 042	201	19
15 to 19 percent	19 363	5 665	5 440	62	56	21	21	13 373	12 978	242	25
20 to 24 percent	16 115	4 828	4 634	79	75	21	21	11 010	10 623	177	12
25 to 29 percent	12 897	4 281	4 137	57	57	35	26	8 355	8 072	169	23
30 to 34 percent	9 154	3 122	3 063	41	38	–	–	5 870	5 573	121	24
35 to 49 percent	12 207	4 536	4 422	73	62	25	12	7 443	7 205	130	21
50 percent or more	8 419	3 402	3 244	60	60	42	42	4 787	4 549	128	6
Not computed	668	294	283	16	16	–	–	345	322	13	–
Median	16.2	19.1	19.2	24.6	24.4	18.0	16.2	14.9	14.8	20.5	21.9
Less than $20,000	17 963	5 835	5 515	52	52	53	53	11 799	11 493	224	18
Less than 20 percent	8 457	2 641	2 469	20	20	35	35	5 664	5 563	97	3
20 to 24 percent	1 551	385	375	–	–	–	–	1 148	1 142	18	–
25 to 29 percent	1 169	297	277	–	–	–	–	844	839	28	3
30 to 34 percent	826	242	242	–	–	–	–	572	539	12	6
35 percent or more	5 393	2 017	1 910	16	16	18	18	3 281	3 134	61	6
Not computed	567	253	242	16	16	–	–	290	276	8	–
Median	20.8	21.9	22.2	18.0	18.0	12.3	12.3	20.4	20.2	23.1	32.5
$20,000 to $34,999	22 595	6 349	6 059	64	64	39	39	15 832	15 435	311	24
Less than 20 percent	13 259	3 279	3 137	23	23	19	19	9 804	9 676	134	–
20 to 24 percent	1 774	520	488	–	–	15	15	1 198	1 129	41	6
25 to 29 percent	1 533	486	477	–	–	–	–	1 009	962	38	10
30 to 34 percent	1 184	312	296	–	–	–	–	839	795	33	–
35 percent or more	4 788	1 730	1 639	41	41	5	5	2 952	2 843	60	8
Not computed	57	22	22	–	–	–	–	30	30	5	–
Median	14.9	19.0	18.9	38.5	38.5	20.2	20.2	13.6	13.3	22.3	28.0
$35,000 to $49,999	27 679	7 802	7 440	97	92	70	50	19 374	18 722	336	39
Less than 20 percent	15 004	3 590	3 398	10	10	13	6	11 241	10 918	150	17
20 to 24 percent	2 778	774	731	33	33	6	6	1 938	1 876	27	–
25 to 29 percent	2 234	676	621	8	8	13	13	1 507	1 456	30	5
30 to 34 percent	2 456	780	767	9	9	–	–	1 645	1 546	22	4
35 percent or more	5 203	1 982	1 923	37	32	38	25	3 039	2 922	107	13
Not computed	4	–	–	–	–	–	–	4	4	–	–
Median	18.0	22.0	22.2	28.4	26.9	37.5	40.0	16.3	16.1	23.3	27.5
$50,000 or more	79 273	22 675	21 985	278	259	101	92	55 663	54 143	556	82
Less than 20 percent	51 330	12 688	12 212	112	106	73	73	38 149	37 292	308	57
20 to 24 percent	10 012	3 149	3 040	46	42	–	–	6 726	6 476	91	6
25 to 29 percent	7 961	2 822	2 762	49	49	22	13	4 995	4 815	73	5
30 to 34 percent	4 688	1 788	1 758	32	29	–	–	2 814	2 693	54	14
35 percent or more	5 242	2 209	2 194	39	33	6	6	2 958	2 855	30	–
Not computed	40	19	19	–	–	–	–	21	12	–	–
Median	15.2	18.1	18.3	22.9	22.8	13.7	12.8	13.9	13.8	18.9	13.6
Specified renter-occupied housing units	**162 820**	**77 176**	**73 334**	**6 461**	**6 299**	**1 197**	**1 033**	**74 079**	**69 607**	**3 907**	**398**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989											
All income levels	162 820	77 176	73 334	6 461	6 299	1 197	1 033	74 079	69 607	3 907	398
Less than 10 percent	7 994	2 397	2 268	102	84	51	42	5 350	5 085	94	11
10 to 14 percent	14 257	5 145	4 919	268	256	107	102	8 468	8 043	269	17
15 to 19 percent	19 384	8 529	8 143	437	433	62	53	9 929	9 353	427	38
20 to 24 percent	19 386	8 898	8 425	442	432	135	115	9 549	8 833	362	78
25 to 29 percent	17 633	8 306	7 927	513	482	105	96	8 311	7 840	398	18
30 to 34 percent	12 774	6 375	6 062	474	474	137	117	5 523	5 198	265	34
35 to 49 percent	21 197	11 455	10 894	922	887	137	92	8 183	7 627	500	58
50 percent or more	26 027	12 287	11 574	883	857	285	242	11 705	10 851	867	130
Not computed	24 168	13 784	13 122	2 420	2 394	178	174	7 061	6 777	725	14
Median	27.4	29.0	29.0	32.7	32.8	31.8	30.9	25.1	25.1	30.8	34.4
Less than $10,000	22 587	7 634	7 000	330	319	219	205	13 742	12 855	662	68
Less than 20 percent	952	189	169	–	–	10	10	708	665	45	–
20 to 24 percent	1 012	217	179	–	–	8	8	746	707	41	7
25 to 29 percent	1 799	426	394	13	13	5	5	1 278	1 226	77	–
30 to 34 percent	1 005	280	251	5	5	–	–	658	613	62	3
35 percent or more	14 070	5 319	4 937	275	264	160	146	7 939	7 325	377	54
Not computed	3 749	1 203	1 070	37	37	36	36	2 413	2 319	60	4
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	31 814	14 033	13 162	1 818	1 780	259	201	14 709	13 724	995	94
Less than 20 percent	2 014	413	370	12	12	18	18	1 502	1 377	69	6
20 to 24 percent	1 683	414	378	49	49	–	–	1 192	1 083	28	9
25 to 29 percent	2 684	816	763	105	96	9	4	1 664	1 570	90	8
30 to 34 percent	2 692	931	856	100	100	29	21	1 585	1 517	47	9
35 percent or more	17 248	8 115	7 644	815	799	160	119	7 607	7 052	551	59
Not computed	5 493	3 344	3 151	737	724	43	39	1 159	1 125	210	3
Median	43.3	48.5	48.7	48.6	48.7	47.4	49.5	38.0	37.9	49.0	50.0+
$20,000 to $34,999	47 712	23 338	22 163	2 687	2 623	328	279	20 132	19 090	1 227	148
Less than 20 percent	8 217	2 307	2 139	267	263	19	19	5 449	5 251	175	18
20 to 24 percent	6 085	2 293	2 173	135	135	64	53	3 504	3 292	89	27
25 to 29 percent	6 397	2 544	2 392	272	253	8	4	3 410	3 199	163	10
30 to 34 percent	5 683	2 912	2 763	234	234	86	80	2 333	2 188	118	11
35 percent or more	13 057	8 123	7 733	623	595	79	51	3 806	3 601	426	75
Not computed	8 273	5 159	4 963	1 156	1 143	72	72	1 630	1 559	256	7
Median	29.2	33.3	33.4	32.0	31.9	32.2	31.7	25.4	25.3	32.5	36.6
$35,000 or more	60 707	32 171	31 009	1 626	1 577	391	348	25 496	23 938	1 023	88
Less than 20 percent	30 452	13 162	12 652	528	498	173	150	16 088	15 188	501	42
20 to 24 percent	10 606	5 974	5 695	258	248	63	54	4 107	3 751	204	35
25 to 29 percent	6 753	4 520	4 378	123	120	83	83	1 959	1 845	68	–
30 to 34 percent	3 394	2 252	2 192	135	135	22	16	947	880	38	11
35 percent or more	2 849	2 185	2 154	92	86	23	18	536	500	13	–
Not computed	6 653	4 078	3 938	490	490	27	27	1 859	1 774	199	–
Median	18.7	20.7	20.8	20.8	20.9	20.7	21.0	16.4	16.3	18.2	20.3

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Table 66. **Structural Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
TENURE AND VACANCY STATUS					
All housing units	**48 253**	**281 683**	**101**	**17 613**	**42 160**
Owner occupied	25 336	137 893	–	9 582	19 083
Renter occupied	16 125	127 411	62	6 713	14 062
Vacant for sale only	355	734	–	66	262
Vacant for rent	1 873	5 861	–	276	1 588
Vacant for seasonal, recreational, or occasional use	2 084	4 418	27	330	6 017
All other vacants	2 480	5 366	12	646	1 148
Condominium housing units	**3 924**	**66 264**	**–**	**900**	**10 039**
Owner occupied	835	32 063	–	267	1 913
Renter occupied	1 596	26 383	–	465	2 006
Vacant	1 493	7 818	–	168	6 120
YEAR STRUCTURE BUILT					
All housing units	**48 253**	**281 683**	**101**	**17 613**	**42 160**
1989 to March 1990	2 789	4 353	–	892	2 184
1985 to 1988	6 904	17 243	–	2 317	5 228
1980 to 1984	7 254	23 154	–	2 473	6 297
1970 to 1979	14 408	84 114	–	4 718	15 632
1960 to 1969	5 384	70 835	18	2 232	4 986
1950 to 1959	3 656	45 188	6	1 994	3 204
1940 to 1949	2 638	20 501	–	1 191	1 899
1939 or earlier	5 220	16 295	77	1 796	2 730
Median	1975	1968	1940–	1973	1975
Owner-occupied housing units	**25 336**	**137 893**	**–**	**9 582**	**19 083**
1989 to March 1990	1 216	2 139	–	407	682
1985 to 1988	3 489	10 748	–	1 420	2 830
1980 to 1984	3 747	11 539	–	1 370	2 603
1970 to 1979	7 879	39 629	–	2 815	6 121
1960 to 1969	3 057	35 216	–	1 142	2 498
1950 to 1959	2 112	23 352	–	1 121	1 989
1940 to 1949	1 415	8 358	–	525	1 043
1939 or earlier	2 421	6 912	–	782	1 317
Median	1975	1969	–	1974	1974
Renter-occupied housing units	**16 125**	**127 411**	**62**	**6 713**	**14 062**
1989 to March 1990	694	1 743	–	314	833
1985 to 1988	2 362	5 817	–	728	1 827
1980 to 1984	2 263	10 459	–	884	2 379
1970 to 1979	4 496	37 714	–	1 503	4 527
1960 to 1969	1 809	31 826	12	969	1 625
1950 to 1959	1 224	19 951	6	817	965
1940 to 1949	976	11 354	–	600	727
1939 or earlier	2 301	8 547	44	898	1 179
Median	1974	1967	1940–	1970	1976
BEDROOMS					
All housing units	**48 253**	**281 683**	**101**	**17 613**	**42 160**
None	2 862	21 667	18	700	2 342
1	6 533	55 510	65	2 061	9 966
2	13 341	75 155	18	4 619	12 062
3	20 462	87 850	–	8 441	13 905
4	3 808	30 680	–	1 365	2 782
5 or more	1 247	10 821	–	427	1 103
Occupied housing units	**41 461**	**265 304**	**62**	**16 295**	**33 145**
None	2 091	19 142	18	587	1 504
1	5 263	49 421	37	1 873	6 151
2	10 825	70 976	7	4 216	9 169
3	18 561	85 228	–	7 900	12 713
4	3 573	29 957	–	1 309	2 556
5 or more	1 148	10 580	–	410	1 052
All housing units	**48 253**	**281 683**	**101**	**17 613**	**42 160**
PLUMBING FACILITIES					
Complete plumbing facilities	46 494	279 874	101	17 388	41 641
Lacking complete plumbing facilities	1 759	1 809	–	225	519
SOURCE OF WATER					
Public system or private company	40 804	280 997	101	17 144	41 329
Individual drilled well	153	259	–	197	146
Individual dug well	3	36	–	39	35
Some other source	7 293	391	–	233	650
SEWAGE DISPOSAL					
Public sewer	13 393	263 552	–	5 444	30 423
Septic tank or cesspool	33 072	16 724	101	11 808	11 235
Other means	1 788	1 407	–	361	502
SELECTED CHARACTERISTICS					
Lacking complete kitchen facilities	1 624	3 661	6	316	611
Median rooms	4.7	4.3	2.0	4.8	4.1
SECOND MORTGAGE OR HOME EQUITY LOAN					
Specified owner-occupied housing units	**22 248**	**100 903**	**–**	**8 559**	**15 800**
With second mortgage or home equity loan	2 483	25 789	–	1 148	2 462
No second mortgage or home equity loan	19 765	75 114	–	7 411	13 338
CONDOMINIUM HOUSING UNITS					
Owner-occupied condominium housing units	**835**	**32 063**	**–**	**267**	**1 913**
Median selected monthly owner costs:					
With a mortgage (dollars)	861	1 000+	–	908	901
Not mortgaged (dollars)	285	286	–	394	338
Median value (dollars)	125 100	195 800	–	127 800	149 700
MOBILE HOMES					
Owner-occupied mobile homes	**22**	**60**	**–**	**36**	**36**
Median selected monthly owner costs:					
With a mortgage (dollars)	–	719	–	193	750+
Not mortgaged (dollars)	180	220	–	213	125

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Table 67. **Fuel, Occupancy, and Social Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
Occupied housing units	**41 461**	**265 304**	**62**	**16 295**	**33 145**
HOUSE HEATING FUEL					
Utility gas	606	10 594	–	274	249
Bottled, tank, or LP gas	2 178	2 213	–	1 466	1 400
Electricity	10 163	108 829	62	4 478	11 570
Fuel oil, kerosene, etc.	274	136	–	48	149
Coal or coke	–	–	–	–	–
Wood	914	161	–	114	539
Solar energy	409	3 430	–	639	1 100
Other fuel	9	77	–	–	39
No fuel used	26 908	139 864	–	9 276	18 099
VEHICLES AVAILABLE					
None	3 100	29 406	26	777	1 850
1	14 676	98 542	6	4 573	10 716
2	16 154	91 032	24	6 699	13 102
3	5 316	30 415	6	2 874	4 969
4	1 606	10 996	–	907	1 678
5 or more	609	4 913	–	465	830
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units	**25 336**	**137 893**	**–**	**9 582**	**19 083**
1989 to March 1990	2 823	12 741	–	918	2 071
1985 to 1988	6 082	31 716	–	2 190	4 987
1980 to 1984	3 924	17 303	–	1 336	2 636
1970 to 1979	6 439	33 774	–	2 476	4 584
1960 to 1969	2 755	22 630	–	1 094	2 202
1959 or earlier	3 313	19 729	–	1 568	2 603
Renter-occupied housing units	**16 125**	**127 411**	**62**	**6 713**	**14 062**
1989 to March 1990	6 801	48 526	18	2 343	6 299
1985 to 1988	5 642	47 999	6	2 402	4 651
1980 to 1984	1 860	15 055	–	863	1 844
1970 to 1979	1 092	10 775	13	640	756
1960 to 1969	321	3 243	13	148	291
1959 or earlier	409	1 813	12	317	221
PLUMBING FACILITIES BY PERSONS PER ROOM					
Owner-occupied housing units	**25 336**	**137 893**	**–**	**9 582**	**19 083**
Lacking complete plumbing facilities	617	328	–	39	172
1.00 or less	473	233	–	32	122
1.01 or more	144	95	–	7	50
Renter-occupied housing units	**16 125**	**127 411**	**62**	**6 713**	**14 062**
Lacking complete plumbing facilities	629	1 142	–	159	279
1.00 or less	437	639	–	97	194
1.01 or more	192	503	–	62	85
TELEPHONE IN UNIT					
Telephone in unit	39 174	259 747	56	15 804	32 092
No telephone in unit	2 287	5 557	6	491	1 053
HOUSEHOLDER 65 YEARS AND OVER					
Occupied housing units	**9 752**	**53 179**	**24**	**4 177**	**7 012**
Owner occupied	7 663	37 028	–	3 172	5 427
1-person households	3 192	15 655	18	1 252	2 173
Built 1939 or earlier	1 904	5 585	6	688	935
Mean household income in 1989 (dollars)	31 363	43 478	10 153	31 107	35 782
Female householder, no husband present	3 108	16 841	6	1 216	2 051
Lacking complete plumbing facilities	97	319	–	31	65
No vehicle available	1 698	12 628	–	464	866
No telephone in unit	256	1 055	–	95	156
1-person households	208	793	–	82	105
HOUSEHOLDS BELOW POVERTY LEVEL					
Owner-occupied housing units	**1 876**	**3 599**	**–**	**359**	**739**
Married-couple families	673	1 086	–	130	296
With own children under 18 years	389	345	–	37	157
Families with female householder	249	462	–	39	123
With own children under 18 years	168	249	–	28	69
Householder 65 years and over	580	1 361	–	158	258
Householder worked in 1989	759	1 102	–	116	282
With public assistance income	318	326	–	47	118
With Social Security income	674	1 163	–	170	337
Mean household income deficit in 1989 (dollars)	3 692	4 566	–	3 744	4 012
Built 1939 or earlier	183	273	–	77	85
Lacking complete plumbing facilities	209	30	–	4	21
No vehicle available	270	888	–	60	110
No telephone in unit	219	175	–	13	53
1.01 or more persons per room	184	490	–	33	155
Renter-occupied housing units	**3 939**	**16 058**	**25**	**903**	**1 895**
Married-couple families	814	4 346	–	154	315
With own children under 18 years	620	3 125	–	114	242
Families with female householder	1 323	3 980	–	237	576
With own children under 18 years	1 264	3 415	–	206	553
Householder 65 years and over	599	3 507	12	284	322
Householder worked in 1989	1 688	6 703	6	331	952
With public assistance income	1 695	5 480	–	321	563
With Social Security income	793	3 203	12	269	340
Mean household income deficit in 1989 (dollars)	3 904	4 194	2 886	4 271	4 028
Built 1939 or earlier	507	946	19	139	177
Lacking complete plumbing facilities	315	433	–	46	76
No vehicle available	990	7 313	7	248	493
No telephone in unit	763	1 807	–	127	192
1.01 or more persons per room	780	4 778	–	117	370

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Table 68. **Financial Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
HOUSEHOLD INCOME IN 1989					
Occupied housing units	**41 461**	**265 304**	**62**	**16 295**	**33 145**
Median income (dollars)	29 285	40 406	8 973	37 123	38 432
Owner occupied	25 336	137 893	–	9 582	19 083
Median income (dollars)	35 155	54 566	–	43 127	45 254
Renter occupied	16 125	127 411	62	6 713	14 062
Median income (dollars)	21 364	28 048	8 973	29 475	30 869
Specified owner-occupied housing units	**22 248**	**100 903**	**–**	**8 559**	**15 800**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
With a mortgage	12 968	73 972	–	5 246	10 415
Less than $200	292	353	–	64	146
$200 to $299	746	2 032	–	176	448
$300 to $399	1 498	3 923	–	433	772
$400 to $499	1 528	4 366	–	502	818
$500 to $599	1 477	4 346	–	397	616
$600 to $699	1 366	4 089	–	480	697
$700 to $799	1 296	4 377	–	442	785
$800 to $899	1 021	4 133	–	466	698
$900 to $999	675	4 268	–	411	686
$1,000 to $1,249	1 462	10 548	–	806	1 408
$1,250 to $1,499	747	10 617	–	481	1 240
$1,500 to $1,999	499	12 201	–	366	1 250
$2,000 or more	361	8 719	–	222	851
Median (dollars)	667	1 121	–	829	930
Mean (dollars)	777	1 235	–	917	1 072
Not mortgaged	9 280	26 931	–	3 313	5 385
Less than $100	2 757	1 383	–	482	785
$100 to $199	5 045	14 610	–	1 990	3 020
$200 to $299	1 134	7 900	–	636	1 134
$300 to $399	249	1 898	–	79	248
$400 to $499	62	525	–	88	78
$500 or more	33	615	–	38	120
Median (dollars)	130	185	–	152	160
Mean (dollars)	142	206	–	173	181
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
With a mortgage	12 968	73 972	–	5 246	10 415
Less than 10 percent	1 689	10 338	–	680	1 299
10 to 14 percent	2 076	11 456	–	862	1 466
15 to 19 percent	2 499	11 967	–	876	1 690
20 to 24 percent	1 972	10 493	–	863	1 582
25 to 29 percent	1 413	8 960	–	552	1 249
30 to 34 percent	855	6 590	–	543	812
35 percent or more	2 382	14 008	–	870	2 278
Not computed	82	160	–	–	39
Median	20.5	21.5	–	21.2	22.3
Not mortgaged	9 280	26 931	–	3 313	5 385
Less than 10 percent	6 562	20 629	–	2 242	3 777
10 to 14 percent	1 381	2 916	–	558	756
15 to 19 percent	502	1 335	–	196	298
20 to 24 percent	257	644	–	106	198
25 to 29 percent	167	349	–	56	151
30 to 34 percent	89	218	–	24	23
35 percent or more	223	622	–	94	149
Not computed	99	218	–	37	33
Median	10.0–	10.0–	–	10.0–	10.0–
Specified renter-occupied housing units	**15 621**	**126 739**	**62**	**6 590**	**13 808**
GROSS RENT					
Less than $100	335	1 400	6	180	132
$100 to $149	706	2 231	–	385	232
$150 to $199	741	2 133	6	274	301
$200 to $249	588	2 018	–	201	296
$250 to $299	731	3 258	–	188	222
$300 to $349	910	4 107	–	301	424
$350 to $399	1 120	4 959	–	282	501
$400 to $449	1 042	5 810	–	212	467
$450 to $499	1 138	6 133	–	254	537
$500 to $549	1 046	7 043	–	233	671
$550 to $599	1 006	6 521	–	381	607
$600 to $649	553	6 564	–	210	748
$650 to $699	704	7 656	–	225	709
$700 to $749	489	7 244	–	338	757
$750 to $999	2 035	24 617	–	1 424	3 277
$1,000 or more	1 035	16 568	–	848	2 472
No cash rent	1 442	18 477	50	654	1 455
Median (dollars)	491	663	125	618	722
Mean (dollars)	542	700	129	648	751

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Table 69. **Household Income Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
Specified owner-occupied housing units	**22 248**	**100 903**	**–**	**8 559**	**15 800**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels	22 248	100 903	–	8 559	15 800
Less than 10 percent	8 251	30 967	–	2 922	5 076
10 to 14 percent	3 457	14 372	–	1 420	2 222
15 to 19 percent	3 001	13 302	–	1 072	1 988
20 to 24 percent	2 229	11 137	–	969	1 780
25 to 29 percent	1 580	9 309	–	608	1 400
30 to 34 percent	944	6 808	–	567	835
35 to 49 percent	1 346	9 131	–	505	1 225
50 percent or more	1 259	5 499	–	459	1 202
Not computed	181	378	–	37	72
Median	14.0	16.9	–	14.7	16.4
Less than $20,000	5 625	8 400	–	1 417	2 521
Less than 20 percent	2 969	3 519	–	757	1 212
20 to 24 percent	378	781	–	157	235
25 to 29 percent	382	516	–	60	211
30 to 34 percent	280	424	–	50	72
35 percent or more	1 446	2 848	–	363	736
Not computed	170	312	–	30	55
Median	17.9	23.4	–	18.2	20.4
$20,000 to $34,999	5 392	12 549	–	1 718	2 936
Less than 20 percent	3 407	7 096	–	1 018	1 738
20 to 24 percent	561	820	–	114	279
25 to 29 percent	492	727	–	128	186
30 to 34 percent	262	612	–	175	135
35 percent or more	670	3 254	–	283	581
Not computed	–	40	–	–	17
Median	13.0	16.2	–	13.6	14.9
$35,000 to $49,999	4 519	17 760	–	2 047	3 353
Less than 20 percent	2 965	9 140	–	1 158	1 741
20 to 24 percent	627	1 563	–	274	314
25 to 29 percent	291	1 431	–	180	332
30 to 34 percent	242	1 757	–	226	231
35 percent or more	390	3 869	–	209	735
Not computed	4	–	–	–	–
Median	15.6	19.2	–	17.3	18.9
$50,000 or more	6 712	62 194	–	3 377	6 990
Less than 20 percent	5 368	38 886	–	2 481	4 595
20 to 24 percent	663	7 973	–	424	952
25 to 29 percent	415	6 635	–	240	671
30 to 34 percent	160	4 015	–	116	397
35 percent or more	99	4 659	–	109	375
Not computed	7	26	–	7	–
Median	11.4	15.8	–	13.0	15.1
Specified renter-occupied housing units	**15 621**	**126 739**	**62**	**6 590**	**13 808**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels	15 621	126 739	62	6 590	13 808
Less than 10 percent	1 134	5 308	12	772	768
10 to 14 percent	1 562	10 890	–	677	1 128
15 to 19 percent	1 634	15 107	–	816	1 827
20 to 24 percent	2 037	14 803	–	829	1 717
25 to 29 percent	1 488	13 914	–	627	1 604
30 to 34 percent	1 183	10 149	–	369	1 073
35 to 49 percent	1 940	16 574	–	767	1 916
50 percent or more	2 967	19 857	–	1 034	2 169
Not computed	1 676	20 137	50	699	1 606
Median	27.0	27.6	10.0–	24.1	27.1
Less than $10,000	3 728	16 012	32	974	1 841
Less than 20 percent	134	682	–	82	54
20 to 24 percent	181	739	–	35	57
25 to 29 percent	300	1 219	–	120	160
30 to 34 percent	235	676	–	61	33
35 percent or more	2 234	10 242	–	501	1 093
Not computed	644	2 454	32	175	444
Median	50.0+	50.0+	–	50.0+	50.0+
$10,000 to $19,999	3 559	25 102	12	1 111	2 030
Less than 20 percent	492	1 254	6	144	118
20 to 24 percent	246	1 250	–	80	107
25 to 29 percent	337	2 070	–	110	167
30 to 34 percent	413	2 071	–	93	115
35 percent or more	1 729	13 741	–	540	1 238
Not computed	342	4 716	6	144	285
Median	37.2	44.0	10.0–	39.3	46.5
$20,000 to $34,999	4 274	37 572	12	1 871	3 983
Less than 20 percent	1 278	5 780	6	489	664
20 to 24 percent	924	4 489	–	211	461
25 to 29 percent	572	5 130	–	203	492
30 to 34 percent	326	4 741	–	116	500
35 percent or more	836	10 118	–	676	1 427
Not computed	338	7 314	6	176	439
Median	23.7	29.7	10.0–	28.6	31.5
$35,000 or more	4 060	48 053	6	2 634	5 954
Less than 20 percent	2 426	23 589	–	1 550	2 887
20 to 24 percent	686	8 325	–	503	1 092
25 to 29 percent	279	5 495	–	194	785
30 to 34 percent	209	2 661	–	99	425
35 percent or more	108	2 330	–	84	327
Not computed	352	5 653	6	204	438
Median	16.3	18.8	–	16.7	19.6

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Table 70. Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County				Honolulu County			
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander
Occupied housing units	**18 983**	**21 380**	**2 810**	**18 045**	**97 451**	**7 061**	**1 118**	**155 572**
TENURE								
Owner-occupied housing units	10 800	14 127	1 128	10 450	39 136	735	268	96 694
Renter-occupied housing units	8 183	7 253	1 682	7 595	58 315	6 326	850	58 878
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**10 800**	**14 127**	**1 128**	**10 450**	**39 136**	**735**	**268**	**96 694**
1989 to March 1990	833	343	53	828	552	29	–	1 536
1985 to 1988	2 014	1 415	180	1 920	2 660	50	7	7 919
1980 to 1984	2 067	1 625	192	2 019	3 279	145	15	8 030
1970 to 1979	3 442	4 336	327	3 343	13 178	261	123	25 776
1960 to 1969	812	2 177	141	787	9 788	157	64	24 979
1950 to 1959	537	1 575	50	516	5 912	57	38	17 109
1940 to 1949	405	1 000	44	391	2 020	36	21	6 227
1939 or earlier	690	1 656	141	646	1 747	–	–	5 118
Renter-occupied housing units	**8 183**	**7 253**	**1 682**	**7 595**	**58 315**	**6 326**	**850**	**58 878**
1989 to March 1990	509	150	109	443	730	65	11	872
1985 to 1988	1 413	824	247	1 335	2 911	347	35	2 393
1980 to 1984	1 360	864	175	1 313	5 294	645	42	4 198
1970 to 1979	2 307	1 964	481	2 133	17 527	2 368	210	16 740
1960 to 1969	810	904	173	761	13 793	1 045	282	16 086
1950 to 1959	534	660	128	491	8 912	1 033	112	9 400
1940 to 1949	407	520	125	341	5 538	545	74	4 789
1939 or earlier	843	1 367	244	778	3 610	278	84	4 400
BEDROOMS								
Owner-occupied housing units	**10 800**	**14 127**	**1 128**	**10 450**	**39 136**	**735**	**268**	**96 694**
None	274	180	39	262	932	6	–	2 109
1	930	773	74	910	4 327	66	8	10 391
2	3 015	2 338	211	2 929	9 148	218	104	20 689
3	4 860	8 772	680	4 658	15 866	283	94	41 572
4	1 154	1 677	92	1 134	6 690	134	44	14 903
5 or more	567	387	32	557	2 173	28	18	7 030
Renter-occupied housing units	**8 183**	**7 253**	**1 682**	**7 595**	**58 315**	**6 326**	**850**	**58 878**
None	808	738	117	769	5 723	416	82	9 506
1	1 830	1 586	382	1 670	13 504	1 080	218	18 940
2	2 976	2 208	546	2 764	18 377	2 324	287	18 479
3	2 179	2 223	531	2 023	15 131	1 683	227	9 231
4	310	389	86	296	4 981	752	30	2 125
5 or more	80	109	20	73	599	71	6	597
SOURCE OF WATER								
Public system or private company	14 858	19 885	2 416	14 126	97 183	7 027	1 118	155 267
Individual drilled well	72	31	–	72	55	7	–	144
Individual dug well	3	–	–	3	6	–	–	30
Some other source	4 050	1 464	394	3 844	207	27	–	131
SEWAGE DISPOSAL								
Public sewer	5 128	5 296	859	4 836	91 376	6 818	1 042	145 474
Septic tank or cesspool	13 048	15 630	1 831	12 467	5 808	194	69	9 239
Other means	807	454	120	742	267	49	7	859
KITCHEN FACILITIES								
Complete kitchen facilities	18 291	21 079	2 704	17 405	96 273	6 986	1 104	153 867
Lacking complete kitchen facilities	692	301	106	640	1 178	75	14	1 705
HOUSE HEATING FUEL								
Utility gas	139	404	49	128	2 381	242	46	7 730
Bottled, tank, or LP gas	796	1 330	141	763	393	67	16	1 700
Electricity	3 853	6 076	586	3 666	28 306	2 505	380	75 726
Fuel oil, kerosene, etc.	131	134	6	131	103	–	–	29
Coal or coke	–	–	–	–	–	–	–	–
Wood	734	166	23	721	127	–	–	26
Solar energy	152	251	30	141	840	32	22	2 507
Other fuel	5	4	5	–	12	8	–	57
No fuel used	13 173	13 015	1 970	12 495	65 289	4 207	654	67 797
VEHICLES AVAILABLE								
None	1 204	1 792	270	1 102	9 929	665	120	18 184
1	7 337	6 846	1 062	6 950	40 624	3 599	473	52 019
2	7 447	8 308	1 045	7 104	34 719	2 380	414	52 165
3	2 099	3 128	354	2 019	8 699	347	61	21 011
4	660	941	48	647	2 356	70	41	8 440
5 or more	236	365	31	223	1 124	–	9	3 753
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**10 800**	**14 127**	**1 128**	**10 450**	**39 136**	**735**	**268**	**96 694**
1989 to March 1990	1 863	913	101	1 844	4 956	132	13	7 524
1985 to 1988	3 565	2 400	317	3 428	11 629	248	81	19 483
1980 to 1984	1 941	1 903	224	1 889	5 513	120	46	11 495
1970 to 1979	2 227	4 127	265	2 135	9 372	168	107	23 853
1960 to 1969	506	2 198	113	479	4 604	50	9	17 835
1959 or earlier	698	2 586	108	675	3 062	17	12	16 504
Renter-occupied housing units	**8 183**	**7 253**	**1 682**	**7 595**	**58 315**	**6 326**	**850**	**58 878**
1989 to March 1990	4 131	2 372	755	3 857	26 616	3 556	425	16 480
1985 to 1988	2 765	2 593	663	2 519	23 309	2 424	256	20 809
1980 to 1984	724	1 052	146	688	4 740	232	87	9 831
1970 to 1979	429	646	74	403	2 879	94	76	7 561
1960 to 1969	66	255	27	60	589	15	–	2 597
1959 or earlier	68	335	17	68	182	5	6	1 600
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**10 800**	**14 127**	**1 128**	**10 450**	**39 136**	**735**	**268**	**96 694**
Lacking complete plumbing facilities	415	176	34	395	71	–	–	257
1.01 or more	108	36	8	100	9	–	–	86
Renter-occupied housing units	**8 183**	**7 253**	**1 682**	**7 595**	**58 315**	**6 326**	**850**	**58 878**
Lacking complete plumbing facilities	384	220	102	331	205	50	26	814
1.01 or more	78	114	20	70	36	36	18	407

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Table 70. Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Honolulu County—Con.		Kauai County				Maui County			
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**13 228**	**93 459**	**6 602**	**9 205**	**1 376**	**6 215**	**15 694**	**16 671**	**1 904**	**15 050**
TENURE										
Owner-occupied housing units	4 382	37 861	3 255	6 114	688	3 086	7 672	11 134	876	7 377
Renter-occupied housing units	8 846	55 598	3 347	3 091	688	3 129	8 022	5 537	1 028	7 673
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**4 382**	**37 861**	**3 255**	**6 114**	**688**	**3 086**	**7 672**	**11 134**	**876**	**7 377**
1989 to March 1990	102	545	247	149	38	239	365	310	37	334
1985 to 1988	417	2 526	653	762	76	621	1 316	1 466	142	1 273
1980 to 1984	455	3 115	490	840	99	459	1 092	1 471	95	1 085
1970 to 1979	1 144	12 921	973	1 782	278	918	3 023	2 966	421	2 868
1960 to 1969	1 081	9 462	231	881	59	220	663	1 803	40	663
1950 to 1959	767	5 671	237	836	65	230	574	1 407	53	542
1940 to 1949	228	1 946	183	329	44	172	294	749	33	279
1939 or earlier	188	1 675	241	535	29	227	345	962	55	333
Renter-occupied housing units	**8 846**	**55 598**	**3 347**	**3 091**	**688**	**3 129**	**8 022**	**5 537**	**1 028**	**7 673**
1989 to March 1990	137	687	199	101	14	199	611	182	75	569
1985 to 1988	406	2 762	503	221	61	450	1 370	403	132	1 301
1980 to 1984	766	5 071	534	332	79	516	1 366	914	86	1 350
1970 to 1979	2 536	16 728	804	609	182	763	2 670	1 711	385	2 564
1960 to 1969	2 158	13 122	366	548	123	341	777	789	114	741
1950 to 1959	1 418	8 498	409	379	54	394	426	511	106	373
1940 to 1949	879	5 315	162	428	76	128	399	314	49	372
1939 or earlier	546	3 415	370	473	99	338	403	713	81	403
BEDROOMS										
Owner-occupied housing units	**4 382**	**37 861**	**3 255**	**6 114**	**688**	**3 086**	**7 672**	**11 134**	**876**	**7 377**
None	116	896	57	29	8	57	198	61	9	189
1	510	4 181	196	402	57	196	1 196	781	115	1 128
2	1 082	8 808	818	1 212	169	769	2 047	2 502	249	1 984
3	1 766	15 375	1 688	3 755	359	1 583	3 192	5 947	407	3 037
4	552	6 520	396	485	56	389	756	1 295	72	756
5 or more	356	2 081	100	231	39	92	283	548	24	283
Renter-occupied housing units	**8 846**	**55 598**	**3 347**	**3 091**	**688**	**3 129**	**8 022**	**5 537**	**1 028**	**7 673**
None	942	5 447	231	222	39	225	735	499	147	680
1	2 250	12 723	622	567	100	607	2 347	1 562	236	2 265
2	3 161	17 567	1 145	896	232	1 064	2 723	1 705	310	2 625
3	1 936	14 475	1 116	1 184	261	1 039	1 809	1 492	284	1 719
4	515	4 807	198	178	51	164	299	186	28	282
5 or more	42	579	35	44	5	30	109	93	23	102
SOURCE OF WATER										
Public system or private company	13 189	93 191	6 405	9 017	1 343	6 028	15 216	16 515	1 864	14 606
Individual drilled well	22	55	77	36	9	77	67	13	6	61
Individual dug well	–	6	14	25	–	14	22	5	–	22
Some other source	17	207	106	127	24	96	389	138	34	361
SEWAGE DISPOSAL										
Public sewer	12 137	87 715	1 955	2 806	392	1 868	9 721	12 275	1 256	9 352
Septic tank or cesspool	1 050	5 477	4 525	6 191	941	4 261	5 805	4 237	625	5 546
Other means	41	267	122	208	43	86	168	159	23	152
KITCHEN FACILITIES										
Complete kitchen facilities	12 987	92 357	6 508	9 047	1 338	6 130	15 497	16 454	1 879	14 878
Lacking complete kitchen facilities	241	1 102	94	158	38	85	197	217	25	172
HOUSE HEATING FUEL										
Utility gas	575	2 230	60	198	23	60	102	138	18	93
Bottled, tank, or LP gas	169	359	414	1 001	164	359	566	762	100	534
Electricity	5 632	26 778	1 682	2 645	339	1 532	4 204	7 131	613	4 027
Fuel oil, kerosene, etc.	4	103	–	48	–	–	95	54	–	95
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	18	117	43	71	–	43	413	110	30	406
Solar energy	121	808	144	484	40	144	277	773	79	265
Other fuel	–	12	–	–	–	–	29	10	–	29
No fuel used	6 709	63 052	4 259	4 758	810	4 077	10 008	7 693	1 064	9 601
VEHICLES AVAILABLE										
None	1 709	9 328	225	510	81	205	745	1 073	98	705
1	5 310	38 999	2 239	2 208	361	2 130	5 806	4 619	601	5 551
2	4 218	33 478	2 775	3 655	610	2 606	6 396	6 365	801	6 142
3	1 270	8 347	1 033	1 821	175	983	1 988	2 891	225	1 936
4	498	2 252	246	640	91	207	574	1 083	145	536
5 or more	223	1 055	84	371	58	84	185	640	34	180
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**4 382**	**37 861**	**3 255**	**6 114**	**688**	**3 086**	**7 672**	**11 134**	**876**	**7 377**
1989 to March 1990	446	4 833	555	345	79	541	1 300	749	57	1 269
1985 to 1988	1 083	11 325	1 024	1 141	122	975	2 666	2 251	297	2 561
1980 to 1984	700	5 342	453	822	141	427	1 066	1 514	148	1 049
1970 to 1979	1 028	9 120	697	1 740	185	657	1 636	2 850	283	1 515
1960 to 1969	631	4 361	195	857	71	173	417	1 762	50	408
1959 or earlier	494	2 880	331	1 209	90	313	587	2 008	41	575
Renter-occupied housing units	**8 846**	**55 598**	**3 347**	**3 091**	**688**	**3 129**	**8 022**	**5 537**	**1 028**	**7 673**
1989 to March 1990	3 672	25 398	1 455	786	212	1 390	4 256	1 763	444	4 075
1985 to 1988	3 554	22 251	1 313	969	247	1 228	2 586	1 916	373	2 486
1980 to 1984	931	4 489	309	516	98	288	827	969	132	795
1970 to 1979	558	2 721	200	425	96	178	279	463	61	246
1960 to 1969	97	564	21	127	13	12	42	237	15	42
1959 or earlier	34	175	49	268	22	33	32	189	3	29
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**4 382**	**37 861**	**3 255**	**6 114**	**688**	**3 086**	**7 672**	**11 134**	**876**	**7 377**
Lacking complete plumbing facilities	–	71	27	12	–	27	89	83	–	89
1.01 or more	–	9	7	–	–	7	28	22	–	28
Renter-occupied housing units	**8 846**	**55 598**	**3 347**	**3 091**	**688**	**3 129**	**8 022**	**5 537**	**1 028**	**7 673**
Lacking complete plumbing facilities	117	187	52	99	8	52	175	104	26	149
1.01 or more	46	36	21	41	–	21	48	37	15	33

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Table 71. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County				Honolulu County			
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander
Occupied housing units	**18 983**	**21 380**	**2 810**	**18 045**	**97 451**	**7 061**	**1 118**	**155 572**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**3 718**	**5 887**	**320**	**3 639**	**15 330**	**198**	**46**	**37 200**
Owner occupied	2 778	4 807	176	2 736	9 964	51	19	26 750
1-person households	1 589	1 575	83	1 549	6 280	90	21	9 120
Built 1939 or earlier	454	1 408	100	437	1 153	9	10	4 357
Mean household income in 1989 (dollars)	34 174	29 807	26 721	34 253	46 566	31 491	21 102	42 474
Female householder, no husband present	1 436	1 636	98	1 396	5 632	36	21	11 024
Lacking complete plumbing facilities	25	72	15	25	13	–	4	291
No vehicle available	652	1 041	52	632	3 933	90	8	8 425
No telephone in unit	107	149	15	107	257	5	–	790
1-person households	89	119	8	89	228	5	–	560
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**1 046**	**792**	**76**	**1 018**	**1 006**	**18**	**12**	**2 503**
Married-couple families	363	287	47	354	258	–	6	806
With own children under 18 years	228	154	10	223	75	–	–	270
Families with female householder	96	138	10	96	67	–	–	376
With own children under 18 years	68	85	10	68	53	–	–	186
Householder worked in 1989	465	282	27	442	324	–	–	756
With public assistance income	159	153	21	159	57	9	–	245
With Social Security income	309	352	18	304	350	–	6	804
Built 1939 or earlier	67	116	5	62	124	–	–	149
Lacking complete plumbing facilities	163	46	–	163	3	–	–	27
No vehicle available	84	186	5	79	244	9	–	614
No telephone in unit	114	89	–	114	23	–	–	146
1.01 or more persons per room	103	74	–	103	72	–	–	403
Renter-occupied housing units	**1 778**	**1 882**	**497**	**1 635**	**4 418**	**402**	**118**	**10 714**
Married-couple families	307	448	91	279	1 016	248	26	2 962
With own children under 18 years	212	358	67	198	774	210	22	2 033
Families with female householder	522	696	215	466	819	57	31	2 896
With own children under 18 years	509	650	211	453	744	51	31	2 436
Householder worked in 1989	815	741	251	740	2 120	262	81	4 092
With public assistance income	744	844	228	677	1 182	113	59	3 916
With Social Security income	354	407	91	317	882	35	19	2 242
Built 1939 or earlier	170	311	55	157	298	8	14	612
Lacking complete plumbing facilities	180	114	32	167	48	9	4	352
No vehicle available	371	549	162	320	1 629	145	34	5 341
No telephone in unit	342	383	78	335	360	47	21	1 335
1.01 or more persons per room	263	451	113	237	636	88	49	3 910
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**29 387**	**29 739**	**24 467**	**29 821**	**39 387**	**27 148**	**33 768**	**42 296**
Owner occupied (dollars)	33 501	36 459	35 091	33 587	56 537	45 822	44 868	54 091
Renter occupied (dollars)	24 093	20 321	16 996	24 615	30 764	26 045	30 625	26 053
Specified owner-occupied housing units	**9 046**	**12 835**	**1 029**	**8 752**	**25 328**	**421**	**154**	**74 179**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	5 179	7 537	707	5 001	20 220	351	115	52 631
Less than $200	107	185	–	107	87	–	–	261
$200 to $299	226	514	42	217	319	–	–	1 702
$300 to $399	541	915	80	518	706	11	6	3 164
$400 to $499	480	1 020	93	463	884	5	9	3 402
$500 to $599	507	933	131	495	830	–	–	3 491
$600 to $699	496	840	70	467	920	11	–	3 097
$700 to $799	434	862	60	416	957	13	–	3 356
$800 to $899	354	658	39	339	983	26	6	3 092
$900 to $999	362	297	47	346	985	34	30	3 177
$1,000 to $1,249	603	839	62	585	2 528	41	13	7 834
$1,250 to $1,499	464	264	30	464	3 081	80	21	7 352
$1,500 to $1,999	343	126	48	322	4 076	102	30	7 921
$2,000 or more	262	84	5	262	3 864	28	–	4 782
Median (dollars)	750	624	608	754	1 324	1 358	1 125	1 050
Mean (dollars)	897	691	750	901	1 458	1 384	1 172	1 150
Not mortgaged	3 867	5 298	322	3 751	5 108	70	39	21 548
Less than $100	1 232	1 459	136	1 168	158	12	–	1 186
$100 to $199	1 870	3 139	140	1 831	2 198	43	28	12 260
$200 to $299	528	606	27	521	1 618	7	11	6 216
$300 to $399	177	72	6	171	600	4	–	1 284
$400 to $499	36	13	13	36	209	4	–	312
$500 or more	24	9	–	24	325	–	–	290
Median (dollars)	129	132	118	129	210	164	170	181
Mean (dollars)	145	140	134	146	248	173	177	197
Specified renter-occupied housing units	**7 935**	**7 007**	**1 620**	**7 379**	**58 060**	**6 282**	**850**	**58 550**
GROSS RENT								
Less than $100	135	189	27	132	237	–	13	1 094
$100 to $149	218	436	116	184	490	–	6	1 686
$150 to $199	244	459	80	222	327	45	6	1 698
$200 to $249	169	402	80	143	390	13	13	1 558
$250 to $299	307	370	96	280	621	35	–	2 525
$300 to $349	408	481	78	369	913	189	10	2 925
$350 to $399	494	584	136	457	1 491	264	21	3 047
$400 to $449	490	507	81	446	1 866	244	46	3 498
$450 to $499	584	517	101	543	2 028	166	18	3 795
$500 to $549	485	498	99	455	2 061	111	58	4 690
$550 to $599	489	482	124	423	2 352	123	73	3 809
$600 to $649	277	249	101	256	2 512	253	40	3 657
$650 to $699	344	312	139	277	2 949	400	46	4 079
$700 to $749	302	150	55	297	3 342	287	35	3 386
$750 to $999	1 501	447	176	1 448	13 440	1 353	214	8 975
$1,000 or more	802	192	50	793	11 456	403	116	4 404
No cash rent	686	732	81	654	11 585	2 396	135	3 724
Median (dollars)	559	424	490	566	781	717	711	562
Mean (dollars)	624	449	498	634	823	734	759	595

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Table 71. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Honolulu County—Con.		Kauai County				Maui County			
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**13 228**	**93 459**	**6 602**	**9 205**	**1 376**	**6 215**	**15 694**	**16 671**	**1 904**	**15 050**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**1 469**	**14 769**	**1 137**	**2 972**	**216**	**1 105**	**2 707**	**4 235**	**152**	**2 654**
Owner occupied	797	9 645	859	2 264	143	848	2 101	3 298	97	2 057
1-person households	441	6 110	419	805	58	401	1 075	1 061	47	1 055
Built 1939 or earlier	165	1 074	184	504	14	174	148	770	30	142
Mean household income in 1989 (dollars)	31 659	47 170	29 384	32 035	25 206	29 849	39 240	33 817	23 855	39 518
Female householder, no husband present	403	5 474	381	812	56	363	849	1 165	34	835
Lacking complete plumbing facilities	11	13	–	31	–	–	9	56	–	9
No vehicle available	510	3 738	109	341	24	109	257	591	29	246
No telephone in unit	45	224	25	70	–	25	26	130	5	26
1-person households	42	195	12	70	–	12	20	85	–	20
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**205**	**948**	**148**	**211**	**37**	**125**	**272**	**454**	**65**	**263**
Married-couple families	55	250	57	73	–	57	130	153	26	121
With own children under 18 years	8	75	–	37	–	–	50	100	11	50
Families with female householder	48	58	7	32	14	7	33	90	32	33
With own children under 18 years	39	44	7	21	14	7	14	55	25	14
Householder worked in 1989	73	301	35	81	22	20	137	138	40	128
With public assistance income	32	57	23	24	7	23	25	93	5	25
With Social Security income	80	331	69	101	8	61	95	236	13	95
Built 1939 or earlier	5	124	50	27	–	50	32	53	7	32
Lacking complete plumbing facilities	–	3	–	4	–	–	11	10	–	11
No vehicle available	28	244	–	60	7	–	24	86	14	15
No telephone in unit	6	17	6	7	–	6	13	33	5	13
1.01 or more persons per room	62	55	5	28	–	5	44	104	20	35
Renter-occupied housing units	**1 612**	**3 983**	**420**	**446**	**113**	**386**	**1 045**	**781**	**138**	**987**
Married-couple families	318	935	42	98	27	42	143	160	26	133
With own children under 18 years	227	745	27	73	8	27	111	124	10	101
Families with female householder	754	653	125	100	37	119	299	259	55	273
With own children under 18 years	678	591	107	87	33	101	292	243	55	266
Householder worked in 1989	613	2 001	222	102	26	213	586	336	61	551
With public assistance income	758	1 040	113	188	43	104	267	274	37	253
With Social Security income	262	765	66	199	51	56	107	220	16	104
Built 1939 or earlier	89	271	53	76	26	34	81	85	7	81
Lacking complete plumbing facilities	49	38	14	24	8	14	58	18	–	58
No vehicle available	692	1 427	88	145	24	79	173	293	42	161
No telephone in unit	237	309	35	81	11	35	84	101	31	64
1.01 or more persons per room	510	570	29	79	3	29	187	176	49	149
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**32 012**	**39 868**	**36 971**	**37 578**	**32 072**	**37 359**	**37 967**	**39 225**	**36 628**	**38 109**
Owner occupied (dollars)	50 946	56 886	43 862	42 998	40 093	44 375	44 424	45 922	40 758	44 706
Renter occupied (dollars)	23 707	31 022	30 825	27 982	24 881	31 250	32 585	29 375	29 630	32 868
Specified owner-occupied housing units	**3 452**	**24 363**	**2 799**	**5 576**	**639**	**2 631**	**5 488**	**10 078**	**734**	**5 253**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	2 686	19 590	1 787	3 326	458	1 665	3 825	6 389	618	3 655
Less than $200	24	68	–	64	–	–	41	105	–	41
$200 to $299	39	306	24	136	16	24	75	349	40	67
$300 to $399	138	691	115	304	21	115	173	592	54	158
$400 to $499	180	839	121	375	65	117	240	560	61	212
$500 to $599	101	812	88	309	4	84	153	458	37	153
$600 to $699	160	856	112	354	72	83	206	478	70	184
$700 to $799	140	927	131	305	25	121	235	539	13	235
$800 to $899	136	946	114	330	89	95	253	437	39	233
$900 to $999	170	929	157	249	23	138	197	481	25	193
$1,000 to $1,249	534	2 417	322	480	79	291	547	835	95	511
$1,250 to $1,499	407	2 974	221	247	18	215	587	596	120	564
$1,500 to $1,999	433	4 008	246	94	28	246	572	670	43	572
$2,000 or more	224	3 817	136	79	18	136	546	289	21	532
Median (dollars)	1 119	1 334	1 024	743	820	1 048	1 155	823	885	1 172
Mean (dollars)	1 171	1 470	1 100	816	923	1 117	1 283	946	962	1 300
Not mortgaged	766	4 773	1 012	2 250	181	966	1 663	3 689	116	1 598
Less than $100	54	147	145	315	38	135	256	517	18	246
$100 to $199	395	2 021	509	1 452	121	482	678	2 327	79	634
$200 to $299	255	1 512	256	380	13	250	450	678	11	439
$300 to $399	46	575	43	36	9	40	123	125	8	123
$400 to $499	–	209	36	52	–	36	69	9	–	69
$500 or more	16	309	23	15	–	23	87	33	–	87
Median (dollars)	184	213	167	148	146	169	185	152	158	188
Mean (dollars)	195	250	193	165	156	194	220	163	159	222
Specified renter-occupied housing units	**8 792**	**55 354**	**3 287**	**3 034**	**688**	**3 069**	**7 869**	**5 451**	**1 023**	**7 520**
GROSS RENT										
Less than $100	129	213	36	138	20	25	34	91	15	26
$100 to $149	227	407	77	295	53	72	44	182	12	44
$150 to $199	187	290	87	165	54	81	101	177	28	101
$200 to $249	197	342	44	152	13	35	49	240	14	49
$250 to $299	249	560	48	140	20	38	91	131	6	88
$300 to $349	257	846	101	187	16	92	185	231	21	173
$350 to $399	346	1 390	124	154	7	117	216	264	28	207
$400 to $449	354	1 787	79	133	10	74	159	296	10	159
$450 to $499	484	1 858	87	153	14	87	244	278	95	228
$500 to $549	511	1 969	112	114	23	112	347	305	52	347
$550 to $599	582	2 214	197	166	38	187	303	289	42	286
$600 to $649	502	2 433	91	104	53	91	403	309	42	394
$650 to $699	499	2 837	135	82	13	130	354	332	90	320
$700 to $749	497	3 252	191	117	62	175	514	217	53	465
$750 to $999	1 787	12 736	953	423	177	878	2 312	784	256	2 218
$1,000 or more	700	11 118	659	148	62	628	1 900	511	181	1 848
No cash rent	1 284	11 102	266	363	53	247	613	814	78	567
Median (dollars)	623	784	777	439	647	777	813	571	717	816
Mean (dollars)	650	828	782	495	641	786	845	604	743	848

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Table 72. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County				Honolulu County			
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander
Specified owner-occupied housing units	**9 046**	**12 835**	**1 029**	**8 752**	**25 328**	**421**	**154**	**74 179**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	9 046	12 835	1 029	8 752	25 328	421	154	74 179
Less than 10 percent	3 057	5 118	265	2 969	5 669	46	30	25 089
10 to 14 percent	1 350	2 026	195	1 271	3 141	37	21	11 066
15 to 19 percent	1 192	1 785	121	1 168	3 496	56	16	9 560
20 to 24 percent	838	1 334	140	809	3 058	71	6	7 913
25 to 29 percent	727	815	108	692	2 790	51	35	6 318
30 to 34 percent	378	551	24	378	2 168	41	–	4 544
35 to 49 percent	626	691	88	596	3 104	59	12	5 888
50 percent or more	758	461	69	754	1 776	51	34	3 571
Not computed	120	54	19	115	126	9	–	230
Median	15.2	13.1	16.9	15.3	20.5	24.7	25.6	15.4
Less than $20,000	2 545	2 987	248	2 458	1 952	45	25	6 291
Less than 20 percent	1 329	1 597	116	1 275	685	20	7	2 769
20 to 24 percent	107	262	9	107	179	–	–	602
25 to 29 percent	156	220	20	142	97	–	–	405
30 to 34 percent	101	173	5	101	110	–	–	314
35 percent or more	739	685	79	725	782	16	18	2 005
Not computed	113	50	19	108	99	9	–	196
Median	17.5	18.2	19.4	17.8	28.2	18.0	39.6	22.3
$20,000 to $34,999	2 236	3 062	266	2 154	2 663	48	10	9 678
Less than 20 percent	1 374	1 996	119	1 317	1 158	23	5	5 855
20 to 24 percent	187	345	60	182	227	–	–	571
25 to 29 percent	226	257	34	226	170	–	–	528
30 to 34 percent	81	172	9	81	138	–	–	468
35 percent or more	368	292	44	348	948	25	5	2 243
Not computed	–	–	–	–	22	–	–	13
Median	14.0	11.7	21.2	14.1	23.6	35.8	32.5	14.4
$35,000 to $49,999	1 667	2 733	307	1 635	4 204	89	48	13 233
Less than 20 percent	1 009	1 905	195	985	1 783	10	6	7 255
20 to 24 percent	233	379	42	225	353	25	6	1 167
25 to 29 percent	117	158	26	117	350	8	13	1 046
30 to 34 percent	105	137	10	105	476	9	–	1 250
35 percent or more	203	150	34	203	1 242	37	23	2 515
Not computed	–	4	–	–	–	–	–	–
Median	17.0	14.5	16.9	17.0	24.5	30.8	29.6	17.3
$50,000 or more	2 598	4 053	208	2 505	16 509	239	71	44 977
Less than 20 percent	1 887	3 431	151	1 831	8 680	86	49	29 836
20 to 24 percent	311	348	29	295	2 299	46	–	5 573
25 to 29 percent	228	180	28	207	2 173	43	22	4 339
30 to 34 percent	91	69	–	91	1 444	32	–	2 512
35 percent or more	74	25	–	74	1 908	32	–	2 696
Not computed	7	–	–	7	5	–	–	21
Median	13.6	10.2	13.0	13.6	19.2	23.6	15.8	14.5
Specified renter-occupied housing units	**7 935**	**7 007**	**1 620**	**7 379**	**58 060**	**6 282**	**850**	**58 550**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	7 935	7 007	1 620	7 379	58 060	6 282	850	58 550
Less than 10 percent	439	695	80	412	1 480	102	51	3 602
10 to 14 percent	699	809	146	665	3 638	268	66	6 709
15 to 19 percent	850	717	230	766	6 237	406	52	8 123
20 to 24 percent	1 034	893	218	988	6 430	431	113	7 617
25 to 29 percent	750	663	163	679	6 334	502	66	6 701
30 to 34 percent	604	543	115	544	4 859	464	80	4 513
35 to 49 percent	1 206	660	207	1 150	8 490	880	114	6 688
50 percent or more	1 538	1 225	366	1 392	8 679	809	173	9 584
Not computed	815	802	95	783	11 913	2 420	135	5 013
Median	28.6	24.9	27.7	28.4	29.2	32.4	30.6	25.5
Less than $10,000	1 736	1 737	450	1 584	4 525	302	104	10 681
Less than 20 percent	59	59	21	59	109	–	5	534
20 to 24 percent	27	142	21	23	174	–	8	535
25 to 29 percent	103	179	41	86	253	13	–	909
30 to 34 percent	94	138	18	88	150	–	–	467
35 percent or more	1 098	975	293	991	3 310	252	83	6 379
Not computed	355	244	56	337	529	37	8	1 857
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	1 709	1 693	462	1 535	10 728	1 752	177	11 602
Less than 20 percent	148	297	94	129	203	12	6	1 004
20 to 24 percent	66	161	51	56	274	49	–	918
25 to 29 percent	157	180	22	150	560	105	9	1 306
30 to 34 percent	220	174	68	178	635	100	8	1 300
35 percent or more	949	708	220	860	6 052	749	122	6 341
Not computed	169	173	7	162	3 004	737	32	733
Median	40.6	33.5	34.4	41.0	49.6	48.2	49.7	39.0
$20,000 to $34,999	2 072	2 048	357	1 949	18 141	2 629	255	15 551
Less than 20 percent	503	748	111	461	1 417	257	19	3 962
20 to 24 percent	437	450	76	417	1 554	124	51	2 693
25 to 29 percent	278	258	81	235	1 947	267	8	2 784
30 to 34 percent	135	182	24	123	2 401	229	50	1 943
35 percent or more	596	195	60	590	6 059	596	59	3 098
Not computed	123	215	5	123	4 763	1 156	68	1 071
Median	25.6	21.9	24.3	25.7	33.7	31.9	31.5	26.1
$35,000 or more	2 418	1 529	351	2 311	24 666	1 599	314	20 716
Less than 20 percent	1 278	1 117	230	1 194	9 626	507	139	12 934
20 to 24 percent	504	140	70	492	4 428	258	54	3 471
25 to 29 percent	212	46	19	208	3 574	117	49	1 702
30 to 34 percent	155	49	5	155	1 673	135	22	803
35 percent or more	101	7	–	101	1 748	92	23	454
Not computed	168	170	27	161	3 617	490	27	1 352
Median	18.3	13.3	16.9	18.5	21.0	20.9	20.4	16.7

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Table 72. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Honolulu County—Con.		Kauai County				Maui County			
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units	**3 452**	**24 363**	**2 799**	**5 576**	**639**	**2 631**	**5 488**	**10 078**	**734**	**5 253**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	3 452	24 363	2 799	5 576	639	2 631	5 488	10 078	734	5 253
Less than 10 percent	754	5 369	755	2 126	167	718	1 305	3 726	128	1 266
10 to 14 percent	488	2 996	481	914	83	469	775	1 420	93	718
15 to 19 percent	545	3 327	334	701	94	319	643	1 327	83	626
20 to 24 percent	380	2 993	312	632	105	266	620	1 131	125	566
25 to 29 percent	381	2 723	201	393	43	171	563	829	50	551
30 to 34 percent	282	2 126	230	308	69	222	346	467	81	337
35 to 49 percent	313	3 043	242	250	32	230	564	614	52	553
50 percent or more	281	1 666	220	239	46	212	648	516	122	612
Not computed	28	120	24	13	–	24	24	48	–	24
Median	19.3	20.7	17.3	13.6	18.7	16.8	20.1	14.5	22.5	20.0
Less than $20,000	351	1 785	387	978	117	369	951	1 543	116	903
Less than 20 percent	148	606	183	537	64	183	444	761	39	405
20 to 24 percent	10	169	34	114	15	34	65	170	–	65
25 to 29 percent	16	97	6	54	6	–	38	165	8	38
30 to 34 percent	17	110	5	39	6	5	26	46	11	26
35 percent or more	146	710	142	221	26	130	354	370	58	345
Not computed	14	93	17	13	–	17	24	31	–	24
Median	28.3	28.7	20.3	17.5	18.0	19.4	21.5	19.9	37.5	22.7
$20,000 to $34,999	390	2 550	572	1 113	165	527	878	1 979	153	828
Less than 20 percent	150	1 098	314	687	67	298	433	1 266	68	424
20 to 24 percent	33	221	38	71	22	27	68	211	21	58
25 to 29 percent	34	170	21	107	2	19	69	117	14	62
30 to 34 percent	42	130	61	103	35	53	32	96	7	32
35 percent or more	126	909	138	145	39	130	276	272	43	252
Not computed	5	22	–	–	–	–	–	17	–	–
Median	26.4	23.8	17.3	11.1	23.5	16.6	20.4	12.4	22.0	19.4
$35,000 to $49,999	748	3 966	695	1 339	117	651	1 236	2 069	164	1 188
Less than 20 percent	369	1 644	298	847	41	290	500	1 234	50	479
20 to 24 percent	44	340	80	194	31	66	108	198	15	100
25 to 29 percent	71	322	70	110	27	48	139	193	7	134
30 to 34 percent	76	463	106	120	12	106	93	138	32	93
35 percent or more	188	1 197	141	68	6	141	396	306	60	382
Not computed	–	–	–	–	–	–	–	–	–	–
Median	20.6	25.0	23.1	14.4	22.8	22.7	25.4	15.4	31.6	25.6
$50,000 or more	1 963	16 062	1 145	2 146	240	1 084	2 423	4 487	301	2 334
Less than 20 percent	1 120	8 344	775	1 670	172	735	1 346	3 212	147	1 302
20 to 24 percent	293	2 263	160	253	37	139	379	552	89	343
25 to 29 percent	260	2 134	104	122	8	104	317	354	21	317
30 to 34 percent	147	1 423	58	46	16	58	195	187	31	186
35 percent or more	134	1 893	41	55	7	41	186	182	13	186
Not computed	9	5	7	–	–	7	–	–	–	–
Median	18.0	19.4	13.5	12.2	15.9	13.3	18.4	13.3	20.2	18.3
Specified renter-occupied housing units	**8 792**	**55 354**	**3 287**	**3 034**	**688**	**3 069**	**7 869**	**5 451**	**1 023**	**7 520**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	8 792	55 354	3 287	3 034	688	3 069	7 869	5 451	1 023	7 520
Less than 10 percent	327	1 409	180	583	66	155	298	458	25	292
10 to 14 percent	596	3 485	303	369	74	292	505	581	104	477
15 to 19 percent	926	5 995	416	354	59	404	1 026	735	149	978
20 to 24 percent	1 040	6 073	472	319	82	440	962	720	163	924
25 to 29 percent	909	6 081	256	330	65	236	966	617	133	931
30 to 34 percent	705	4 635	210	139	37	203	702	328	32	680
35 to 49 percent	1 189	8 081	483	280	79	465	1 276	555	164	1 198
50 percent or more	1 681	8 219	662	291	167	594	1 408	605	159	1 369
Not computed	1 419	11 376	305	369	59	280	726	852	94	671
Median	29.4	29.1	27.3	20.4	27.6	27.2	29.0	23.6	25.9	29.0
Less than $10,000	1 419	4 144	462	451	138	418	898	854	113	854
Less than 20 percent	60	102	13	69	13	8	8	46	14	–
20 to 24 percent	69	140	10	25	14	10	6	44	7	6
25 to 29 percent	93	238	28	78	21	28	42	112	6	42
30 to 34 percent	107	127	18	38	8	18	18	15	–	18
35 percent or more	927	3 086	306	162	63	273	605	423	61	587
Not computed	163	451	87	79	19	81	219	214	25	201
Median	50.0+	50.0+	50.0+	31.8	50.0+	50.0+	50.0+	49.3	50.0+	50.0+
$10,000 to $19,999	2 105	10 118	462	599	141	438	1 134	803	139	1 071
Less than 20 percent	110	185	40	99	21	34	22	96	–	22
20 to 24 percent	104	257	25	55	–	25	49	58	9	40
25 to 29 percent	202	514	38	72	10	38	61	106	9	61
30 to 34 percent	121	602	50	34	–	50	26	77	–	26
35 percent or more	1 164	5 718	283	232	96	270	831	326	95	796
Not computed	404	2 842	26	107	14	21	145	140	26	126
Median	43.8	49.9	47.5	32.9	50.0+	47.0	50.0+	34.6	50.0+	50.0+
$20,000 to $34,999	2 557	17 277	950	862	165	866	2 169	1 665	330	2 065
Less than 20 percent	327	1 327	125	350	43	102	262	383	46	249
20 to 24 percent	297	1 454	98	109	9	98	204	252	23	204
25 to 29 percent	365	1 853	68	127	23	53	251	241	70	251
30 to 34 percent	355	2 286	72	38	6	72	304	170	22	282
35 percent or more	718	5 773	494	155	78	454	974	358	146	916
Not computed	495	4 584	93	83	6	87	174	261	23	163
Median	30.6	33.7	37.3	21.8	33.8	37.4	34.6	26.4	33.3	34.4
$35,000 or more	2 711	23 815	1 413	1 122	244	1 347	3 668	2 129	441	3 530
Less than 20 percent	1 352	9 275	721	788	122	707	1 537	1 249	218	1 476
20 to 24 percent	570	4 222	339	130	59	307	703	366	124	674
25 to 29 percent	249	3 476	122	53	11	117	612	158	48	577
30 to 34 percent	122	1 620	70	29	23	63	354	66	10	354
35 percent or more	61	1 723	62	22	9	62	274	53	21	268
Not computed	357	3 499	99	100	20	91	188	237	20	181
Median	18.6	21.0	19.0	12.1	18.7	18.8	21.4	17.0	19.7	21.5

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Table 73. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County						Honolulu County			
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	American Indian	All Asian	Chinese	Filipino
Occupied housing units	**15 412**	**832**	**4 193**	**10 090**	**5 968**	**5 724**	**1 048**	**128 756**	**21 567**	**27 228**
TENURE										
Owner-occupied housing units	11 050	556	2 412	7 891	3 077	2 978	255	84 671	14 882	15 249
Renter-occupied housing units	4 362	276	1 781	2 199	2 891	2 746	793	44 085	6 685	11 979
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**11 050**	**556**	**2 412**	**7 891**	**3 077**	**2 978**	**255**	**84 671**	**14 882**	**15 249**
1989 to March 1990	272	33	66	169	71	60	–	1 371	179	384
1985 to 1988	998	75	302	605	417	403	–	7 025	932	1 776
1980 to 1984	1 154	65	362	682	471	406	15	6 811	1 213	1 432
1970 to 1979	3 171	138	831	2 130	1 165	1 161	117	22 466	3 905	4 610
1960 to 1969	1 836	59	322	1 441	341	336	64	22 044	3 524	3 893
1950 to 1959	1 335	58	136	1 121	240	240	38	14 992	2 808	2 089
1940 to 1949	899	41	179	670	101	101	21	5 486	1 197	662
1939 or earlier	1 385	87	214	1 073	271	271	–	4 476	1 124	403
Renter-occupied housing units	**4 362**	**276**	**1 781**	**2 199**	**2 891**	**2 746**	**793**	**44 085**	**6 685**	**11 979**
1989 to March 1990	65	–	36	29	85	77	11	671	103	216
1985 to 1988	468	13	177	262	356	343	35	1 733	263	662
1980 to 1984	524	34	216	259	340	340	42	3 237	443	906
1970 to 1979	1 027	58	348	573	937	840	210	12 598	2 395	3 064
1960 to 1969	562	10	268	273	342	322	232	11 751	1 720	3 183
1950 to 1959	434	17	180	232	226	226	105	7 048	802	1 965
1940 to 1949	303	28	106	169	217	217	74	3 582	462	1 093
1939 or earlier	979	116	450	402	388	381	84	3 465	497	890
BEDROOMS										
Owner-occupied housing units	**11 050**	**556**	**2 412**	**7 891**	**3 077**	**2 978**	**255**	**84 671**	**14 882**	**15 249**
None	100	14	30	56	80	74	–	1 948	459	326
1	517	6	128	379	256	249	8	9 125	2 072	1 704
2	1 744	92	348	1 262	594	554	91	18 174	3 380	3 777
3	7 078	325	1 450	5 171	1 694	1 664	94	36 306	5 857	5 567
4	1 299	92	324	876	378	362	44	12 859	2 114	1 837
5 or more	312	27	132	147	75	75	18	6 259	1 000	2 038
Renter-occupied housing units	**4 362**	**276**	**1 781**	**2 199**	**2 891**	**2 746**	**793**	**44 085**	**6 685**	**11 979**
None	556	57	157	339	182	177	82	7 721	1 362	1 753
1	967	35	437	469	619	561	180	14 879	2 486	3 366
2	1 190	102	542	522	1 018	985	275	13 520	1 753	3 856
3	1 393	56	553	743	830	790	220	6 265	821	2 279
4	219	17	78	116	170	161	30	1 244	152	533
5 or more	37	9	14	10	72	72	6	456	111	192
SOURCE OF WATER										
Public system or private company	14 627	758	3 862	9 724	5 258	5 043	1 048	128 567	21 562	27 154
Individual drilled well	–	–	–	–	31	31	–	98	–	35
Individual dug well	–	–	–	–	–	–	–	18	–	10
Some other source	785	74	331	366	679	650	–	73	5	29
SEWAGE DISPOSAL										
Public sewer	3 597	156	1 365	1 982	1 699	1 571	979	122 594	20 685	24 889
Septic tank or cesspool	11 559	648	2 714	7 994	4 071	3 971	62	5 446	705	2 139
Other means	256	28	114	114	198	182	7	716	177	200
KITCHEN FACILITIES										
Complete kitchen facilities	15 259	818	4 113	10 031	5 820	5 598	1 038	127 484	21 432	26 852
Lacking complete kitchen facilities	153	14	80	59	148	126	10	1 272	135	376
HOUSE HEATING FUEL										
Utility gas	324	21	59	236	80	80	42	6 635	1 145	1 964
Bottled, tank, or LP gas	968	60	332	559	362	339	7	1 373	209	529
Electricity	4 725	227	924	3 503	1 351	1 299	366	64 007	10 787	14 303
Fuel oil, kerosene, etc.	110	–	13	97	24	24	–	29	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	123	19	5	93	43	43	–	7	7	–
Solar energy	214	6	65	140	37	37	17	2 177	312	412
Other fuel	4	–	–	4	–	–	–	49	5	26
No fuel used	8 944	499	2 795	5 458	4 071	3 902	616	54 479	9 102	9 994
VEHICLES AVAILABLE										
None	1 295	70	391	831	497	465	97	14 736	3 147	2 780
1	4 800	311	1 269	3 171	2 046	1 953	448	42 679	7 145	7 864
2	5 908	286	1 432	3 995	2 400	2 318	399	43 209	7 133	9 049
3	2 370	97	741	1 492	758	733	54	17 890	2 698	4 198
4	762	48	272	432	179	179	41	7 143	1 008	2 027
5 or more	277	20	88	169	88	76	9	3 099	436	1 310
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**11 050**	**556**	**2 412**	**7 891**	**3 077**	**2 978**	**255**	**84 671**	**14 882**	**15 249**
1989 to March 1990	610	58	135	406	303	269	13	6 657	1 111	1 618
1985 to 1988	1 732	132	494	1 069	668	626	68	17 396	3 234	4 067
1980 to 1984	1 411	65	490	804	492	469	46	9 824	1 679	2 331
1970 to 1979	3 104	123	825	2 103	1 023	1 023	107	20 458	3 275	4 248
1960 to 1969	1 920	71	266	1 564	278	278	9	15 790	2 471	1 927
1959 or earlier	2 273	107	202	1 945	313	313	12	14 546	3 112	1 058
Renter-occupied housing units	**4 362**	**276**	**1 781**	**2 199**	**2 891**	**2 746**	**793**	**44 085**	**6 685**	**11 979**
1989 to March 1990	1 241	73	589	553	1 131	1 018	407	12 075	1 914	3 652
1985 to 1988	1 516	76	572	817	1 077	1 052	235	15 032	2 260	4 555
1980 to 1984	662	43	254	347	390	383	69	7 488	1 262	1 798
1970 to 1979	429	34	138	246	217	217	76	6 041	817	1 445
1960 to 1969	233	26	123	84	22	22	–	2 123	250	333
1959 or earlier	281	24	105	152	54	54	6	1 326	182	196
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**11 050**	**556**	**2 412**	**7 891**	**3 077**	**2 978**	**255**	**84 671**	**14 882**	**15 249**
Lacking complete plumbing facilities	107	14	72	21	69	47	–	205	53	50
1.01 or more	20	–	20	–	16	10	–	47	14	26
Renter-occupied housing units	**4 362**	**276**	**1 781**	**2 199**	**2 891**	**2 746**	**793**	**44 085**	**6 685**	**11 979**
Lacking complete plumbing facilities	95	10	60	25	125	118	22	527	58	257
1.01 or more	41	10	25	6	73	73	14	240	27	109

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Table 73. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Honolulu County—Con.								
	Japanese	Korean	Vietnamese	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan	Guamanian
Occupied housing units	**69 724**	**7 003**	**1 416**	**415**	**163**	**26 816**	**22 567**	**2 734**	**561**
TENURE									
Owner-occupied housing units	50 471	3 196	221	76	34	12 023	11 213	496	150
Renter-occupied housing units	19 253	3 807	1 195	339	129	14 793	11 354	2 238	411
YEAR STRUCTURE BUILT									
Owner-occupied housing units	**50 471**	**3 196**	**221**	**76**	**34**	**12 023**	**11 213**	**496**	**150**
1989 to March 1990	724	49	8	21	–	165	121	33	–
1985 to 1988	3 977	264	44	–	–	894	808	30	35
1980 to 1984	3 559	471	41	32	7	1 219	1 122	52	13
1970 to 1979	12 622	1 090	51	7	16	3 310	3 027	206	27
1960 to 1969	13 749	671	44	6	–	2 935	2 735	133	47
1950 to 1959	9 633	360	27	10	–	2 117	2 045	42	11
1940 to 1949	3 443	144	–	–	–	741	734	–	7
1939 or earlier	2 764	147	6	–	11	642	621	–	10
Renter-occupied housing units	**19 253**	**3 807**	**1 195**	**339**	**129**	**14 793**	**11 354**	**2 238**	**411**
1989 to March 1990	219	85	26	6	–	201	116	30	6
1985 to 1988	517	175	72	7	–	660	476	89	39
1980 to 1984	1 315	403	91	29	22	961	712	123	58
1970 to 1979	5 092	1 365	339	59	65	4 142	3 199	632	105
1960 to 1969	5 181	1 007	310	141	23	4 335	3 132	856	133
1950 to 1959	3 463	456	181	39	10	2 352	1 897	321	29
1940 to 1949	1 668	131	105	42	9	1 207	1 001	111	28
1939 or earlier	1 798	185	71	16	–	935	821	76	13
BEDROOMS									
Owner-occupied housing units	**50 471**	**3 196**	**221**	**76**	**34**	**12 023**	**11 213**	**496**	**150**
None	977	132	25	–	10	161	152	–	–
1	4 701	507	29	45	–	1 266	1 199	32	7
2	9 870	930	59	15	–	2 515	2 297	155	45
3	23 380	1 158	68	16	13	5 266	4 943	168	85
4	8 502	339	27	–	–	2 044	1 927	82	7
5 or more	3 041	130	13	–	11	771	695	59	6
Renter-occupied housing units	**19 253**	**3 807**	**1 195**	**339**	**129**	**14 793**	**11 354**	**2 238**	**411**
None	3 173	963	276	61	23	1 785	1 400	227	27
1	6 581	1 570	424	118	65	4 061	3 116	566	112
2	6 305	941	312	107	41	4 959	3 897	725	134
3	2 623	290	122	37	–	2 966	2 246	500	74
4	425	43	61	16	–	881	596	185	64
5 or more	146	–	–	–	–	141	99	35	–
SOURCE OF WATER									
Public system or private company	69 625	6 992	1 416	415	163	26 700	22 465	2 734	561
Individual drilled well	57	6	–	–	–	46	37	–	–
Individual dug well	8	–	–	–	–	12	12	–	–
Some other source	34	5	–	–	–	58	53	–	–
SEWAGE DISPOSAL									
Public sewer	67 071	6 848	1 390	369	163	22 880	19 029	2 454	533
Septic tank or cesspool	2 429	80	5	27	–	3 793	3 438	251	28
Other means	224	75	21	19	–	143	100	29	–
KITCHEN FACILITIES									
Complete kitchen facilities	69 171	6 863	1 373	404	163	26 383	22 289	2 656	555
Lacking complete kitchen facilities	553	140	43	11	–	433	278	78	6
HOUSE HEATING FUEL									
Utility gas	2 967	391	122	24	–	1 095	948	120	–
Bottled, tank, or LP gas	509	94	32	–	–	327	277	50	–
Electricity	33 864	3 508	647	293	78	11 719	9 916	1 198	269
Fuel oil, kerosene, etc.	29	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	19	14	–	–
Solar energy	1 304	101	30	3	–	330	227	82	13
Other fuel	14	–	–	–	–	8	8	–	–
No fuel used	31 037	2 909	585	95	85	13 318	11 177	1 284	279
VEHICLES AVAILABLE									
None	6 950	1 180	348	120	14	3 448	2 523	634	57
1	23 389	2 907	655	136	90	9 340	7 465	1 240	242
2	24 176	1 967	263	113	59	8 956	7 871	645	193
3	10 132	651	117	25	–	3 121	2 863	132	62
4	3 817	231	25	21	–	1 297	1 212	62	7
5 or more	1 260	67	8	–	–	654	633	21	–
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**50 471**	**3 196**	**221**	**76**	**34**	**12 023**	**11 213**	**496**	**150**
1989 to March 1990	3 340	450	46	27	10	867	726	61	29
1985 to 1988	8 940	909	98	15	–	2 087	1 937	75	44
1980 to 1984	5 078	547	58	34	7	1 671	1 516	98	24
1970 to 1979	12 229	552	19	–	6	3 395	3 142	191	15
1960 to 1969	10 907	376	–	–	11	2 045	1 957	58	28
1959 or earlier	9 977	362	–	–	–	1 958	1 935	13	10
Renter-occupied housing units	**19 253**	**3 807**	**1 195**	**339**	**129**	**14 793**	**11 354**	**2 238**	**411**
1989 to March 1990	4 268	1 272	542	71	74	4 405	3 168	638	193
1985 to 1988	5 890	1 450	405	162	55	5 777	4 441	914	177
1980 to 1984	3 453	592	220	87	–	2 343	1 836	407	41
1970 to 1979	3 300	359	28	14	–	1 520	1 241	214	–
1960 to 1969	1 444	89	–	–	–	474	413	54	–
1959 or earlier	898	45	–	5	–	274	255	11	–
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**50 471**	**3 196**	**221**	**76**	**34**	**12 023**	**11 213**	**496**	**150**
Lacking complete plumbing facilities	102	–	–	–	–	52	43	9	–
1.01 or more	7	–	–	–	–	39	30	9	–
Renter-occupied housing units	**19 253**	**3 807**	**1 195**	**339**	**129**	**14 793**	**11 354**	**2 238**	**411**
Lacking complete plumbing facilities	115	40	50	7	–	287	176	65	–
1.01 or more	23	31	43	7	–	167	81	61	–

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Table 73. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Kauai County				
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**7 379**	**3 150**	**3 862**	**1 826**	**1 766**
TENURE					
Owner-occupied housing units	5 227	2 078	2 903	887	856
Renter-occupied housing units	2 152	1 072	959	939	910
YEAR STRUCTURE BUILT					
Owner-occupied housing units	**5 227**	**2 078**	**2 903**	**887**	**856**
1989 to March 1990	121	44	68	28	28
1985 to 1988	697	272	359	65	65
1980 to 1984	743	435	263	97	93
1970 to 1979	1 459	752	663	323	310
1960 to 1969	741	279	453	140	134
1950 to 1959	759	166	563	77	77
1940 to 1949	242	35	195	87	79
1939 or earlier	465	95	339	70	70
Renter-occupied housing units	**2 152**	**1 072**	**959**	**939**	**910**
1989 to March 1990	57	10	38	44	31
1985 to 1988	95	54	41	126	126
1980 to 1984	234	125	89	98	98
1970 to 1979	461	239	180	148	145
1960 to 1969	311	145	153	237	233
1950 to 1959	266	62	171	113	104
1940 to 1949	371	233	134	57	57
1939 or earlier	357	204	153	116	116
BEDROOMS					
Owner-occupied housing units	**5 227**	**2 078**	**2 903**	**887**	**856**
None	15	5	6	14	14
1	339	163	170	63	55
2	1 056	558	461	156	152
3	3 208	1 087	1 954	547	528
4	383	145	206	102	102
5 or more	226	120	106	5	5
Renter-occupied housing units	**2 152**	**1 072**	**959**	**939**	**910**
None	153	83	65	69	69
1	390	230	140	177	174
2	607	283	264	289	289
3	844	405	416	340	314
4	123	68	55	55	55
5 or more	35	3	19	9	9
SOURCE OF WATER					
Public system or private company	7 246	3 055	3 831	1 771	1 711
Individual drilled well	36	36	–	–	–
Individual dug well	18	8	10	7	7
Some other source	79	51	21	48	48
SEWAGE DISPOSAL					
Public sewer	2 398	1 224	1 106	408	384
Septic tank or cesspool	4 847	1 877	2 683	1 344	1 308
Other means	134	49	73	74	74
KITCHEN FACILITIES					
Complete kitchen facilities	7 310	3 099	3 844	1 737	1 677
Lacking complete kitchen facilities	69	51	18	89	89
HOUSE HEATING FUEL					
Utility gas	183	134	44	15	9
Bottled, tank, or LP gas	873	445	365	128	113
Electricity	2 210	855	1 252	435	420
Fuel oil, kerosene, etc.	26	–	26	22	22
Coal or coke	–	–	–	–	–
Wood	39	17	22	32	32
Solar energy	422	160	236	62	58
Other fuel	–	–	–	–	–
No fuel used	3 626	1 539	1 917	1 132	1 112
VEHICLES AVAILABLE					
None	384	133	239	126	122
1	1 685	639	960	523	520
2	2 928	1 123	1 606	727	699
3	1 529	658	826	292	274
4	558	392	141	82	82
5 or more	295	205	90	76	69
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units	**5 227**	**2 078**	**2 903**	**887**	**856**
1989 to March 1990	272	126	128	73	73
1985 to 1988	1 021	458	489	120	108
1980 to 1984	721	407	275	101	94
1970 to 1979	1 426	681	699	314	308
1960 to 1969	728	248	464	129	123
1959 or earlier	1 059	158	848	150	150
Renter-occupied housing units	**2 152**	**1 072**	**959**	**939**	**910**
1989 to March 1990	471	245	180	315	302
1985 to 1988	644	330	290	325	316
1980 to 1984	371	200	144	145	138
1970 to 1979	318	150	144	107	107
1960 to 1969	108	64	44	19	19
1959 or earlier	240	83	157	28	28
PLUMBING FACILITIES BY PERSONS PER ROOM					
Owner-occupied housing units	**5 227**	**2 078**	**2 903**	**887**	**856**
Lacking complete plumbing facilities	4	4	–	8	8
1.01 or more	–	–	–	–	–
Renter-occupied housing units	**2 152**	**1 072**	**959**	**939**	**910**
Lacking complete plumbing facilities	39	32	7	60	60
1.01 or more	4	4	–	37	37

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Table 73. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Maui County					
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**12 488**	**670**	**4 901**	**6 555**	**4 183**	**3 943**
TENURE						
Owner-occupied housing units	8 878	478	3 271	4 922	2 256	2 201
Renter-occupied housing units	3 610	192	1 630	1 633	1 927	1 742
YEAR STRUCTURE BUILT						
Owner-occupied housing units	**8 878**	**478**	**3 271**	**4 922**	**2 256**	**2 201**
1989 to March 1990	239	22	100	112	71	71
1985 to 1988	1 090	63	485	492	376	371
1980 to 1984	1 231	106	667	414	240	240
1970 to 1979	2 304	97	1 108	1 053	662	624
1960 to 1969	1 497	54	399	1 014	306	302
1950 to 1959	1 120	55	193	850	287	279
1940 to 1949	637	41	167	419	112	112
1939 or earlier	760	40	152	568	202	202
Renter-occupied housing units	**3 610**	**192**	**1 630**	**1 633**	**1 927**	**1 742**
1989 to March 1990	167	6	87	61	15	15
1985 to 1988	255	7	137	101	148	112
1980 to 1984	568	42	267	259	346	310
1970 to 1979	1 141	61	560	459	570	540
1960 to 1969	490	26	158	301	299	281
1950 to 1959	328	12	112	181	183	160
1940 to 1949	174	13	50	106	140	117
1939 or earlier	487	25	259	165	226	207
BEDROOMS						
Owner-occupied housing units	**8 878**	**478**	**3 271**	**4 922**	**2 256**	**2 201**
None	37	8	5	24	24	24
1	568	44	240	256	213	213
2	1 980	168	754	1 017	522	486
3	4 754	169	1 596	2 862	1 193	1 178
4	1 058	65	390	592	237	233
5 or more	481	24	286	171	67	67
Renter-occupied housing units	**3 610**	**192**	**1 630**	**1 633**	**1 927**	**1 742**
None	361	14	185	162	138	138
1	1 061	81	425	484	501	474
2	1 128	70	550	464	577	505
3	918	20	413	468	574	519
4	108	7	45	33	78	57
5 or more	34	–	12	22	59	49
SOURCE OF WATER						
Public system or private company	12 419	659	4 865	6 533	4 096	3 866
Individual drilled well	8	–	–	8	5	5
Individual dug well	–	–	–	–	5	5
Some other source	61	11	36	14	77	67
SEWAGE DISPOSAL						
Public sewer	9 774	455	4 158	4 875	2 501	2 308
Septic tank or cesspool	2 617	204	700	1 642	1 620	1 573
Other means	97	11	43	38	62	62
KITCHEN FACILITIES						
Complete kitchen facilities	12 362	670	4 823	6 518	4 092	3 867
Lacking complete kitchen facilities	126	–	78	37	91	76
HOUSE HEATING FUEL						
Utility gas	98	11	59	21	40	40
Bottled, tank, or LP gas	524	30	290	197	238	209
Electricity	5 509	274	1 824	3 253	1 622	1 548
Fuel oil, kerosene, etc.	45	–	9	36	9	9
Coal or coke	–	–	–	–	–	–
Wood	66	7	–	59	44	31
Solar energy	645	24	268	325	128	118
Other fuel	6	–	–	6	4	4
No fuel used	5 595	324	2 451	2 658	2 098	1 984
VEHICLES AVAILABLE						
None	797	38	348	388	276	276
1	3 328	176	1 011	2 005	1 291	1 234
2	4 801	245	1 921	2 505	1 564	1 493
3	2 282	131	933	1 172	609	558
4	826	49	399	357	257	219
5 or more	454	31	289	128	186	163
YEAR HOUSEHOLDER MOVED INTO UNIT						
Owner-occupied housing units	**8 878**	**478**	**3 271**	**4 922**	**2 256**	**2 201**
1989 to March 1990	636	33	270	300	113	113
1985 to 1988	1 629	103	750	716	622	567
1980 to 1984	1 231	97	673	445	283	283
1970 to 1979	2 227	91	967	1 115	623	623
1960 to 1969	1 515	53	377	1 057	247	247
1959 or earlier	1 640	101	234	1 289	368	368
Renter-occupied housing units	**3 610**	**192**	**1 630**	**1 633**	**1 927**	**1 742**
1989 to March 1990	1 099	64	582	374	664	585
1985 to 1988	1 234	80	526	587	682	603
1980 to 1984	628	17	341	265	341	319
1970 to 1979	282	18	84	150	181	176
1960 to 1969	204	4	58	142	33	33
1959 or earlier	163	9	39	115	26	26
PLUMBING FACILITIES BY PERSONS PER ROOM						
Owner-occupied housing units	**8 878**	**478**	**3 271**	**4 922**	**2 256**	**2 201**
Lacking complete plumbing facilities	51	11	14	15	32	32
1.01 or more	–	–	–	–	22	22
Renter-occupied housing units	**3 610**	**192**	**1 630**	**1 633**	**1 927**	**1 742**
Lacking complete plumbing facilities	48	–	31	17	56	35
1.01 or more	10	–	10	–	27	17

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Table 74. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County						Honolulu County			
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	American Indian	All Asian	Chinese	Filipino
Occupied housing units	**15 412**	**832**	**4 193**	**10 090**	**5 968**	**5 724**	**1 048**	**128 756**	**21 567**	**27 228**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**5 223**	**277**	**1 040**	**3 849**	**664**	**652**	**42**	**33 468**	**6 339**	**4 899**
Owner occupied	4 276	185	725	3 325	531	519	19	24 360	4 767	2 936
1-person households	1 371	105	169	1 074	204	199	21	8 281	2 039	666
Built 1939 or earlier	1 282	104	281	891	126	126	10	3 877	823	413
Mean household income in 1989 (dollars)	29 868	54 045	24 835	29 596	29 322	29 701	22 662	43 023	44 850	42 537
Female householder, no husband present	1 388	91	130	1 154	248	243	21	9 588	2 294	649
Lacking complete plumbing facilities	67	14	38	15	5	5	–	246	24	130
No vehicle available	916	40	214	662	125	120	4	7 615	1 835	1 077
No telephone in unit	121	–	71	50	28	23	–	621	172	159
1-person households	91	–	60	31	28	23	–	484	136	130
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**478**	**21**	**152**	**284**	**314**	**302**	**12**	**1 877**	**501**	**411**
Married-couple families	193	15	96	78	94	94	6	578	182	184
With own children under 18 years	95	6	67	22	59	59	–	136	46	69
Families with female householder	58	–	16	42	80	80	–	280	44	64
With own children under 18 years	19	–	9	10	66	66	–	133	16	51
Householder worked in 1989	156	11	53	79	126	119	–	574	152	117
With public assistance income	76	11	31	26	77	77	–	144	47	65
With Social Security income	283	–	88	187	69	69	6	667	178	174
Built 1939 or earlier	87	6	19	62	29	29	–	107	42	14
Lacking complete plumbing facilities	18	–	18	–	28	21	–	20	–	7
No vehicle available	128	–	16	112	58	53	–	533	168	95
No telephone in unit	26	–	10	16	63	58	–	87	22	12
1.01 or more persons per room	16	6	5	5	58	58	–	222	66	99
Renter-occupied housing units	**931**	**57**	**514**	**351**	**951**	**891**	**102**	**6 764**	**1 328**	**1 699**
Married-couple families	170	–	132	32	278	255	17	1 728	384	587
With own children under 18 years	119	–	84	29	239	216	17	1 023	214	319
Families with female householder	285	28	145	109	411	405	24	1 121	116	510
With own children under 18 years	254	28	128	95	396	390	24	897	87	443
Householder worked in 1989	310	16	201	90	431	392	69	2 512	480	744
With public assistance income	400	26	247	127	444	421	47	1 896	318	730
With Social Security income	326	21	140	165	81	81	15	1 773	340	415
Built 1939 or earlier	191	31	84	76	120	113	14	397	120	103
Lacking complete plumbing facilities	61	10	39	12	53	46	–	214	34	87
No vehicle available	330	10	160	157	219	197	25	3 657	878	719
No telephone in unit	177	–	144	33	206	189	16	610	120	251
1.01 or more persons per room	166	20	122	21	285	274	33	1 875	408	723
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**30 943**	**29 825**	**25 078**	**32 917**	**27 332**	**27 655**	**33 986**	**43 817**	**41 414**	**42 870**
Owner occupied (dollars)	36 382	40 726	33 470	37 271	36 688	37 017	44 803	54 629	51 116	54 530
Renter occupied (dollars)	20 564	23 068	18 493	21 267	19 566	19 447	30 559	26 531	25 298	30 134
Specified owner-occupied housing units	**10 121**	**486**	**2 270**	**7 199**	**2 714**	**2 634**	**147**	**64 207**	**10 546**	**11 733**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	5 650	290	1 515	3 724	1 887	1 827	115	45 031	6 480	10 103
Less than $200	160	18	33	109	25	25	–	230	39	75
$200 to $299	380	9	119	248	134	128	–	1 417	135	161
$300 to $399	715	41	254	400	200	200	6	2 474	319	382
$400 to $499	717	20	283	402	303	290	9	2 585	251	547
$500 to $599	601	19	140	442	332	323	–	2 973	433	527
$600 to $699	657	27	179	405	183	183	–	2 649	326	577
$700 to $799	654	27	160	462	208	208	–	2 895	427	672
$800 to $899	540	39	115	386	118	108	6	2 673	377	612
$900 to $999	255	6	68	176	42	36	30	2 705	368	716
$1,000 to $1,249	633	34	106	473	206	206	13	6 603	871	1 663
$1,250 to $1,499	194	18	38	132	70	70	21	6 490	895	1 536
$1,500 to $1,999	87	32	12	40	39	28	30	7 082	1 059	1 854
$2,000 or more	57	–	8	49	27	22	–	4 255	980	781
Median (dollars)	636	746	549	659	584	583	1 125	1 072	1 162	1 118
Mean (dollars)	687	782	621	706	703	691	1 172	1 172	1 322	1 176
Not mortgaged	4 471	196	755	3 475	827	807	32	19 176	4 066	1 630
Less than $100	1 204	45	223	909	255	255	–	916	167	131
$100 to $199	2 768	125	448	2 181	371	364	21	11 104	2 109	909
$200 to $299	429	26	58	341	177	164	11	5 446	1 319	500
$300 to $399	61	–	26	35	11	11	–	1 161	305	66
$400 to $499	–	–	–	–	13	13	–	281	48	20
$500 or more	9	–	–	9	–	–	–	268	118	4
Median (dollars)	131	138	129	131	141	140	182	181	190	175
Mean (dollars)	138	141	136	138	151	150	192	198	217	187
Specified renter-occupied housing units	**4 230**	**254**	**1 722**	**2 148**	**2 777**	**2 632**	**793**	**43 858**	**6 674**	**11 900**
GROSS RENT										
Less than $100	178	12	106	60	11	11	8	901	196	273
$100 to $149	342	28	159	155	94	94	6	1 212	197	329
$150 to $199	328	–	218	110	131	131	6	1 147	166	403
$200 to $249	223	14	102	107	179	163	9	1 163	117	457
$250 to $299	221	9	114	98	149	144	–	1 832	376	449
$300 to $349	327	31	70	219	154	146	10	2 220	413	605
$350 to $399	422	32	170	209	162	152	21	2 353	360	575
$400 to $449	266	10	117	126	241	234	37	2 643	319	619
$450 to $499	243	–	99	118	274	248	11	2 971	459	693
$500 to $549	277	40	110	118	221	193	49	3 687	512	903
$550 to $599	264	27	108	124	218	218	73	2 969	387	766
$600 to $649	137	13	59	59	112	112	33	2 577	311	739
$650 to $699	155	19	71	50	157	144	46	2 977	511	875
$700 to $749	45	–	15	30	105	96	35	2 455	295	702
$750 to $999	202	7	54	131	245	245	205	6 531	1 058	1 943
$1,000 or more	69	–	–	69	123	107	109	3 256	481	725
No cash rent	531	12	150	365	201	194	135	2 964	516	844
Median (dollars)	375	394	354	386	481	481	729	555	546	564
Mean (dollars)	406	412	359	439	511	508	772	593	586	585

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Table 74. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Honolulu County—Con.								
	Japanese	Korean	Vietnamese	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan	Guamanian
Occupied housing units	**69 724**	**7 003**	**1 416**	**415**	**163**	**26 816**	**22 567**	**2 734**	**561**
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**20 621**	**1 400**	**115**	**12**	**–**	**3 732**	**3 292**	**316**	**43**
Owner occupied	15 802	784	–	–	–	2 390	2 265	72	37
1-person households	5 047	468	42	–	–	839	795	44	–
Built 1939 or earlier	2 494	138	–	–	–	480	476	–	4
Mean household income in 1989 (dollars)	43 584	31 918	8 893	7 352	–	37 555	39 237	24 732	44 986
Female householder, no husband present	6 085	486	38	5	–	1 436	1 310	120	6
Lacking complete plumbing facilities	92	–	–	–	–	45	32	8	–
No vehicle available	4 062	510	103	12	–	810	637	143	–
No telephone in unit	274	16	–	–	–	169	85	59	–
1-person households	202	16	–	–	–	76	62	14	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**812**	**105**	**35**	**–**	**6**	**626**	**567**	**16**	**10**
Married-couple families	195	10	–	–	–	228	204	7	–
With own children under 18 years	21	–	–	–	–	134	127	7	–
Families with female householder	112	29	25	–	6	96	89	–	–
With own children under 18 years	35	–	25	–	6	53	46	–	–
Householder worked in 1989	267	19	13	–	6	182	158	–	–
With public assistance income	32	–	–	–	–	101	101	–	–
With Social Security income	290	18	–	–	–	137	137	–	–
Built 1939 or earlier	40	11	–	–	–	42	42	–	–
Lacking complete plumbing facilities	13	–	–	–	–	7	7	–	–
No vehicle available	235	35	–	–	–	81	72	–	–
No telephone in unit	53	–	–	–	–	59	52	7	–
1.01 or more persons per room	49	–	8	–	–	181	141	16	–
Renter-occupied housing units	**2 118**	**842**	**493**	**134**	**36**	**3 950**	**2 816**	**859**	**53**
Married-couple families	150	272	241	74	–	1 234	598	466	10
With own children under 18 years	87	120	189	74	–	1 010	501	396	–
Families with female householder	209	103	97	52	–	1 775	1 460	294	–
With own children under 18 years	149	60	94	30	–	1 539	1 287	238	–
Householder worked in 1989	616	281	236	75	25	1 580	1 098	308	23
With public assistance income	284	237	195	90	–	2 020	1 516	481	–
With Social Security income	845	146	20	7	–	469	368	86	–
Built 1939 or earlier	116	18	40	–	–	215	179	22	–
Lacking complete plumbing facilities	31	28	27	7	–	138	79	39	–
No vehicle available	1 241	467	191	87	14	1 684	1 186	382	20
No telephone in unit	169	62	–	–	–	725	444	218	–
1.01 or more persons per room	127	216	258	85	11	2 035	1 314	571	8
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**47 711**	**31 722**	**18 229**	**20 361**	**21 750**	**35 668**	**38 067**	**22 017**	**33 029**
Owner occupied (dollars)	55 935	50 205	36 985	31 667	38 409	50 583	51 047	44 500	52 028
Renter occupied (dollars)	27 472	20 717	16 444	16 976	18 594	24 376	25 992	18 819	26 036
Specified owner-occupied housing units	**39 390**	**1 984**	**124**	**48**	**17**	**9 972**	**9 333**	**400**	**129**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	26 458	1 513	118	48	6	7 600	7 018	372	107
Less than $200	112	4	–	–	–	31	23	8	–
$200 to $299	1 083	24	–	–	–	285	279	–	6
$300 to $399	1 703	46	–	24	–	690	650	29	–
$400 to $499	1 693	87	–	–	–	817	751	43	6
$500 to $599	1 902	71	3	–	–	518	487	16	6
$600 to $699	1 620	94	8	–	–	448	406	40	–
$700 to $799	1 706	72	5	–	–	461	425	11	6
$800 to $899	1 598	58	7	–	–	419	411	8	–
$900 to $999	1 506	110	–	–	–	472	424	40	–
$1,000 to $1,249	3 766	251	24	9	6	1 231	1 105	82	44
$1,250 to $1,499	3 709	276	14	15	–	862	793	44	–
$1,500 to $1,999	3 820	227	35	–	–	839	766	27	34
$2,000 or more	2 240	193	22	–	–	527	498	24	5
Median (dollars)	1 020	1 190	1 464	700	1 125	925	917	948	1 168
Mean (dollars)	1 122	1 307	1 531	823	1 237	1 025	1 024	1 018	1 230
Not mortgaged	12 932	471	6	–	11	2 372	2 315	28	22
Less than $100	586	27	–	–	–	270	257	13	–
$100 to $199	7 831	214	6	–	–	1 156	1 140	7	9
$200 to $299	3 456	153	–	–	11	770	742	8	13
$300 to $399	733	44	–	–	–	123	123	–	–
$400 to $499	191	22	–	–	–	31	31	–	–
$500 or more	135	11	–	–	–	22	22	–	–
Median (dollars)	179	198	125	–	225	181	181	157	208
Mean (dollars)	193	219	142	–	235	187	187	141	195
Specified renter-occupied housing units	**19 144**	**3 791**	**1 183**	**339**	**129**	**14 692**	**11 269**	**2 232**	**406**
GROSS RENT									
Less than $100	265	136	16	5	–	193	148	45	–
$100 to $149	495	129	34	16	–	474	326	148	–
$150 to $199	380	85	65	48	–	551	356	179	–
$200 to $249	466	40	63	20	–	395	245	121	17
$250 to $299	823	97	40	34	–	693	461	149	–
$300 to $349	907	206	25	16	–	705	500	131	12
$350 to $399	1 101	206	22	43	15	694	552	82	16
$400 to $449	1 396	219	45	19	–	855	658	154	–
$450 to $499	1 468	204	51	22	14	824	667	124	16
$500 to $549	1 887	240	42	43	–	1 003	795	159	17
$550 to $599	1 366	280	121	17	5	840	706	89	15
$600 to $649	1 058	243	153	12	–	1 080	910	44	38
$650 to $699	1 111	320	67	10	27	1 102	866	137	27
$700 to $749	1 038	269	92	10	17	931	758	90	38
$750 to $999	2 493	659	208	10	35	2 444	1 870	357	52
$1,000 or more	1 530	317	100	14	11	1 148	888	134	61
No cash rent	1 360	141	39	–	5	760	563	89	97
Median (dollars)	542	597	616	386	703	584	596	467	694
Mean (dollars)	593	615	622	424	729	603	613	519	758

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Table 74. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990** —Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Kauai County				
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**7 379**	**3 150**	**3 862**	**1 826**	**1 766**
HOUSEHOLDER 65 YEARS AND OVER					
Occupied housing units	**2 756**	**919**	**1 773**	**216**	**213**
Owner occupied	2 092	626	1 409	172	172
1-person households	750	131	602	55	52
Built 1939 or earlier	471	107	342	33	33
Mean household income in 1989 (dollars)	32 300	33 391	30 962	28 655	28 984
Female householder, no husband present	722	68	640	90	90
Lacking complete plumbing facilities	23	16	7	8	8
No vehicle available	306	85	221	35	35
No telephone in unit	49	18	31	21	21
1-person households	49	18	31	21	21
HOUSEHOLDS BELOW POVERTY LEVEL					
Owner-occupied housing units	**164**	**61**	**94**	**47**	**47**
Married-couple families	68	29	30	5	5
With own children under 18 years	32	19	4	5	5
Families with female householder	7	7	–	25	25
With own children under 18 years	7	7	–	14	14
Householder worked in 1989	64	21	34	17	17
With public assistance income	5	5	–	19	19
With Social Security income	85	27	58	16	16
Built 1939 or earlier	20	–	20	7	7
Lacking complete plumbing facilities	4	4	–	–	–
No vehicle available	40	6	34	20	20
No telephone in unit	7	–	7	–	–
1.01 or more persons per room	18	9	–	10	10
Renter-occupied housing units	**289**	**155**	**123**	**157**	**150**
Married-couple families	49	44	–	49	49
With own children under 18 years	24	19	–	49	49
Families with female householder	29	13	16	71	67
With own children under 18 years	21	9	12	66	62
Householder worked in 1989	54	38	11	48	48
With public assistance income	105	64	30	83	79
With Social Security income	174	91	77	25	22
Built 1939 or earlier	54	32	22	22	22
Lacking complete plumbing facilities	9	9	–	15	15
No vehicle available	100	43	57	45	41
No telephone in unit	42	18	24	39	39
1.01 or more persons per room	31	15	11	48	48
MEDIAN HOUSEHOLD INCOME IN 1989					
Occupied housing units (dollars)	**38 576**	**39 915**	**37 733**	**34 797**	**34 808**
Owner occupied (dollars)	43 177	44 433	41 341	42 009	42 158
Renter occupied (dollars)	27 050	25 625	27 199	29 714	29 323
Specified owner-occupied housing units	**4 760**	**1 891**	**2 663**	**816**	**785**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
With a mortgage	2 800	1 403	1 243	526	502
Less than $200	55	17	38	9	9
$200 to $299	115	58	57	21	15
$300 to $399	253	118	115	51	45
$400 to $499	312	178	117	63	63
$500 to $599	242	101	136	67	67
$600 to $699	299	152	121	55	51
$700 to $799	233	106	115	72	72
$800 to $899	288	182	92	42	42
$900 to $999	225	117	99	24	24
$1,000 to $1,249	405	201	195	75	67
$1,250 to $1,499	234	111	106	13	13
$1,500 to $1,999	83	34	43	11	11
$2,000 or more	56	28	9	23	23
Median (dollars)	759	774	739	694	701
Mean (dollars)	822	823	790	787	794
Not mortgaged	1 960	488	1 420	290	283
Less than $100	300	29	267	15	15
$100 to $199	1 288	306	940	164	164
$200 to $299	296	140	150	84	84
$300 to $399	22	–	22	14	14
$400 to $499	45	10	35	7	–
$500 or more	9	3	6	6	6
Median (dollars)	146	168	139	168	165
Mean (dollars)	161	183	153	194	187
Specified renter-occupied housing units	**2 117**	**1 069**	**936**	**917**	**888**
GROSS RENT					
Less than $100	138	70	66	–	–
$100 to $149	269	153	116	26	23
$150 to $199	115	77	38	50	46
$200 to $249	122	83	39	30	30
$250 to $299	127	86	32	13	13
$300 to $349	131	74	38	56	56
$350 to $399	92	58	34	62	62
$400 to $449	87	39	35	46	46
$450 to $499	95	48	47	58	58
$500 to $549	100	70	30	14	14
$550 to $599	131	51	70	35	35
$600 to $649	59	14	45	45	45
$650 to $699	56	17	39	26	17
$700 to $749	80	42	38	37	37
$750 to $999	195	92	68	228	228
$1,000 or more	88	27	37	60	47
No cash rent	232	68	164	131	131
Median (dollars)	372	313	438	603	594
Mean (dollars)	441	399	449	624	615

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Table 74. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Maui County					
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**12 488**	**670**	**4 901**	**6 555**	**4 183**	**3 943**
HOUSEHOLDER 65 YEARS AND OVER						
Occupied housing units	**3 794**	**160**	**1 076**	**2 528**	**441**	**441**
Owner occupied	2 986	147	806	2 003	312	312
1-person households	934	47	136	740	127	127
Built 1939 or earlier	683	25	203	455	87	87
Mean household income in 1989 (dollars)	34 749	43 317	37 807	33 124	25 798	25 798
Female householder, no husband present	954	56	117	770	211	211
Lacking complete plumbing facilities	41	–	15	15	15	15
No vehicle available	544	17	219	303	47	47
No telephone in unit	113	15	55	32	17	17
1-person households	77	8	26	32	8	8
HOUSEHOLDS BELOW POVERTY LEVEL						
Owner-occupied housing units	**299**	**29**	**122**	**148**	**155**	**146**
Married-couple families	99	–	62	37	54	49
With own children under 18 years	67	–	46	21	33	28
Families with female householder	45	6	33	6	45	41
With own children under 18 years	31	–	25	6	24	20
Householder worked in 1989	78	–	57	21	60	51
With public assistance income	40	14	14	12	53	49
With Social Security income	174	13	70	91	62	58
Built 1939 or earlier	35	–	14	21	18	18
Lacking complete plumbing facilities	–	–	–	–	10	10
No vehicle available	59	8	22	29	27	27
No telephone in unit	20	8	12	–	13	13
1.01 or more persons per room	34	–	26	8	70	61
Renter-occupied housing units	**385**	**45**	**115**	**164**	**396**	**390**
Married-couple families	67	–	27	31	93	87
With own children under 18 years	31	–	4	18	93	87
Families with female householder	96	9	49	6	163	163
With own children under 18 years	80	–	42	6	163	163
Householder worked in 1989	121	27	22	34	215	209
With public assistance income	136	9	72	23	138	138
With Social Security income	161	9	48	104	59	59
Built 1939 or earlier	56	9	18	–	29	29
Lacking complete plumbing facilities	7	–	7	–	11	11
No vehicle available	204	18	57	111	89	89
No telephone in unit	39	–	33	6	62	62
1.01 or more persons per room	58	–	41	8	118	112
MEDIAN HOUSEHOLD INCOME IN 1989						
Occupied housing units (dollars)	**40 483**	**41 818**	**42 207**	**39 211**	**35 725**	**35 977**
Owner occupied (dollars)	46 762	48 000	47 858	46 506	41 385	41 875
Renter occupied (dollars)	28 950	31 375	31 794	25 432	29 908	29 507
Specified owner-occupied housing units	**8 117**	**386**	**3 094**	**4 460**	**1 961**	**1 926**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
With a mortgage	5 030	250	2 392	2 255	1 359	1 328
Less than $200	85	5	33	47	20	20
$200 to $299	259	26	56	170	90	90
$300 to $399	435	–	168	267	157	157
$400 to $499	401	6	207	177	159	154
$500 to $599	327	8	194	117	131	131
$600 to $699	400	8	210	169	78	78
$700 to $799	453	33	237	175	86	86
$800 to $899	294	26	151	97	143	137
$900 to $999	357	31	172	154	124	116
$1,000 to $1,249	678	25	359	286	157	152
$1,250 to $1,499	544	46	244	233	52	52
$1,500 to $1,999	508	24	224	239	162	155
$2,000 or more	289	12	137	124	–	–
Median (dollars)	847	936	839	808	744	734
Mean (dollars)	982	1 100	983	955	811	805
Not mortgaged	3 087	136	702	2 205	602	598
Less than $100	419	20	63	330	98	98
$100 to $199	2 026	80	385	1 523	301	297
$200 to $299	535	28	202	305	143	143
$300 to $399	93	8	46	39	32	32
$400 to $499	2	–	2	–	7	7
$500 or more	12	–	4	8	21	21
Median (dollars)	150	170	176	143	166	166
Mean (dollars)	159	167	186	151	184	185
Specified renter-occupied housing units	**3 547**	**192**	**1 623**	**1 577**	**1 904**	**1 719**
GROSS RENT						
Less than $100	82	–	42	40	9	9
$100 to $149	114	–	54	60	68	58
$150 to $199	105	–	34	71	72	72
$200 to $249	189	8	122	59	51	41
$250 to $299	101	–	75	26	30	30
$300 to $349	165	–	73	88	66	66
$350 to $399	197	6	70	121	67	67
$400 to $449	179	–	93	81	117	117
$450 to $499	166	–	104	62	112	101
$500 to $549	201	–	142	59	104	99
$550 to $599	207	19	94	81	82	82
$600 to $649	184	11	67	86	125	118
$650 to $699	220	12	100	108	112	108
$700 to $749	77	14	16	29	140	128
$750 to $999	497	58	219	157	287	222
$1,000 or more	259	23	137	83	252	198
No cash rent	604	41	181	366	210	203
Median (dollars)	543	774	519	498	628	607
Mean (dollars)	574	787	561	538	656	637

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Table 75. Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County						Honolulu County			
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	American Indian	All Asian	Chinese	Filipino
Specified owner-occupied housing units	**10 121**	**486**	**2 270**	**7 199**	**2 714**	**2 634**	**147**	**64 207**	**10 546**	**11 733**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	10 121	486	2 270	7 199	2 714	2 634	147	64 207	10 546	11 733
Less than 10 percent	4 307	231	753	3 271	811	791	23	22 193	4 171	2 327
10 to 14 percent	1 628	88	329	1 201	398	398	21	9 661	1 328	1 692
15 to 19 percent	1 349	20	274	1 004	436	426	16	8 075	1 212	1 642
20 to 24 percent	1 047	41	270	716	287	282	6	6 737	942	1 519
25 to 29 percent	589	19	218	342	226	217	35	5 494	838	1 142
30 to 34 percent	447	28	151	261	104	97	–	3 930	588	1 073
35 to 49 percent	505	36	187	274	186	173	12	4 964	907	1 351
50 percent or more	237	19	84	126	224	213	34	2 980	547	943
Not computed	12	4	4	4	42	37	–	173	13	44
Median	12.3	10.6	15.9	11.4	16.5	16.3	26.1	15.1	14.1	20.6
Less than $20,000	2 391	101	611	1 663	596	565	25	5 303	994	883
Less than 20 percent	1 380	57	218	1 097	217	204	7	2 481	450	223
20 to 24 percent	247	10	49	188	15	15	–	539	110	63
25 to 29 percent	158	5	83	70	62	62	–	328	40	68
30 to 34 percent	154	–	79	75	19	19	–	223	16	58
35 percent or more	444	25	178	233	241	228	18	1 589	365	436
Not computed	8	4	4	–	42	37	–	143	13	35
Median	16.6	14.6	27.2	14.5	28.6	28.6	39.6	20.9	21.8	37.0
$20,000 to $34,999	2 389	108	581	1 658	673	658	10	8 055	1 454	1 371
Less than 20 percent	1 663	72	297	1 262	333	333	5	5 026	1 040	493
20 to 24 percent	221	–	88	128	124	124	–	430	33	69
25 to 29 percent	189	10	90	84	68	59	–	415	79	82
30 to 34 percent	134	11	29	94	38	38	–	344	25	94
35 percent or more	182	15	77	90	110	104	5	1 831	277	633
Not computed	–	–	–	–	–	–	–	9	–	–
Median	10.0–	11.5	19.3	10.0–	20.1	19.8	32.5	13.3	10.4	32.2
$35,000 to $49,999	2 021	82	505	1 373	712	694	48	11 196	1 851	2 315
Less than 20 percent	1 396	48	352	957	509	496	6	6 153	1 059	746
20 to 24 percent	304	17	78	202	75	75	6	968	144	292
25 to 29 percent	122	4	28	90	36	36	13	833	120	233
30 to 34 percent	104	6	31	60	33	33	–	1 085	180	346
35 percent or more	91	7	16	60	59	54	23	2 157	348	698
Not computed	4	–	–	4	–	–	–	–	–	–
Median	14.2	13.1	14.4	13.3	15.0	15.1	29.6	17.1	14.0	27.6
$50,000 or more	3 320	195	573	2 505	733	717	64	39 653	6 247	7 164
Less than 20 percent	2 845	162	489	2 160	586	582	42	26 269	4 162	4 199
20 to 24 percent	275	14	55	198	73	68	–	4 800	655	1 095
25 to 29 percent	120	–	17	98	60	60	22	3 918	599	759
30 to 34 percent	55	11	12	32	14	7	–	2 278	367	575
35 percent or more	25	8	–	17	–	–	–	2 367	464	527
Not computed	–	–	–	–	–	–	–	21	–	9
Median	10.0–	10.0–	10.0–	10.0	11.9	11.7	16.9	14.4	13.5	17.5
Specified renter-occupied housing units	**4 230**	**254**	**1 722**	**2 148**	**2 777**	**2 632**	**793**	**43 858**	**6 674**	**11 900**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	4 230	254	1 722	2 148	2 777	2 632	793	43 858	6 674	11 900
Less than 10 percent	521	42	289	182	174	174	42	2 877	321	1 041
10 to 14 percent	601	23	268	295	208	208	66	5 133	736	1 466
15 to 19 percent	430	29	139	244	287	271	47	6 392	926	1 791
20 to 24 percent	530	37	201	280	363	320	104	5 695	706	1 866
25 to 29 percent	374	25	156	187	289	271	66	5 056	821	1 331
30 to 34 percent	313	7	133	162	230	219	64	3 234	503	908
35 to 49 percent	324	44	109	165	336	331	107	4 932	765	1 106
50 percent or more	570	35	263	246	655	616	162	6 623	1 154	1 425
Not computed	567	12	164	387	235	222	135	3 916	742	966
Median	22.6	23.6	22.1	22.8	29.1	29.3	30.3	24.9	26.7	23.1
Less than $10,000	1 044	58	457	515	693	649	88	7 646	1 469	1 518
Less than 20 percent	49	–	26	23	10	10	–	438	85	139
20 to 24 percent	123	14	47	62	19	19	8	387	72	113
25 to 29 percent	112	–	56	56	67	67	–	647	108	122
30 to 34 percent	97	–	45	52	41	41	–	308	59	76
35 percent or more	494	32	239	209	481	450	72	4 431	835	937
Not computed	169	12	44	113	75	62	8	1 435	310	131
Median	43.8	45.0	49.8	37.0	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	978	56	457	447	715	691	170	8 452	1 298	2 155
Less than 20 percent	230	9	149	72	67	61	6	754	113	230
20 to 24 percent	97	–	55	42	64	64	–	704	137	243
25 to 29 percent	93	–	39	54	87	77	9	977	169	287
30 to 34 percent	115	–	64	51	59	51	8	894	174	193
35 percent or more	306	47	103	138	402	402	115	4 565	612	1 048
Not computed	137	–	47	90	36	36	32	558	93	154
Median	30.0	39.1	25.1	31.0	41.1	41.8	50.0+	38.3	35.5	36.2
$20,000 to $34,999	1 289	93	465	690	759	698	237	11 895	1 685	3 300
Less than 20 percent	542	38	199	293	206	196	19	3 142	431	850
20 to 24 percent	261	23	93	133	189	162	42	2 029	196	622
25 to 29 percent	154	25	61	62	104	96	8	2 149	285	542
30 to 34 percent	89	7	24	51	93	90	41	1 470	214	490
35 percent or more	94	–	30	64	101	88	59	2 249	423	454
Not computed	149	–	58	87	66	66	68	856	136	342
Median	20.5	21.8	20.2	20.3	23.7	23.7	31.9	25.8	27.6	25.1
$35,000 or more	919	47	343	496	610	594	298	15 865	2 222	4 927
Less than 20 percent	731	47	322	333	386	386	130	10 068	1 354	3 079
20 to 24 percent	49	–	6	43	91	75	54	2 575	301	888
25 to 29 percent	15	–	–	15	31	31	49	1 283	259	380
30 to 34 percent	12	–	–	8	37	37	15	562	56	149
35 percent or more	–	–	–	–	7	7	23	310	49	92
Not computed	112	–	15	97	58	58	27	1 067	203	339
Median	11.8	10.0–	10.3	13.6	16.3	16.0	20.5	16.5	16.9	16.5

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Table 75. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—Con.**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Honolulu County—Con.								
	Japanese	Korean	Vietnamese	Laotian	Thai	All Pacific Islander	Hawaiian	Samoan	Guamanian
Specified owner-occupied housing units	**39 390**	**1 984**	**124**	**48**	**17**	**9 972**	**9 333**	**400**	**129**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	39 390	1 984	124	48	17	9 972	9 333	400	129
Less than 10 percent	15 130	488	3	–	11	2 896	2 799	50	36
10 to 14 percent	6 214	343	19	–	–	1 405	1 304	85	4
15 to 19 percent	4 890	262	–	18	–	1 485	1 399	40	16
20 to 24 percent	3 984	247	12	–	–	1 176	1 096	37	15
25 to 29 percent	3 284	159	21	22	–	824	755	40	29
30 to 34 percent	2 056	132	17	8	–	614	564	27	11
35 to 49 percent	2 443	173	34	–	–	924	831	69	7
50 percent or more	1 283	176	12	–	6	591	528	52	11
Not computed	106	4	6	–	–	57	57	–	–
Median	13.6	18.0	31.2	26.4	10.0–	17.2	16.9	23.4	22.8
Less than $20,000	3 207	164	19	15	–	988	922	62	4
Less than 20 percent	1 724	64	6	–	–	288	263	21	4
20 to 24 percent	360	6	–	–	–	63	63	–	–
25 to 29 percent	180	25	–	15	–	77	77	–	–
30 to 34 percent	142	7	–	–	–	91	76	15	–
35 percent or more	716	58	7	–	–	416	390	26	–
Not computed	85	4	6	–	–	53	53	–	–
Median	18.4	27.0	50.0+	27.5	–	32.2	32.1	33.3	12.5
$20,000 to $34,999	4 829	316	14	9	6	1 623	1 491	94	–
Less than 20 percent	3 334	124	–	9	–	829	793	21	–
20 to 24 percent	291	32	–	–	–	141	121	9	–
25 to 29 percent	228	26	–	–	–	113	105	8	–
30 to 34 percent	202	11	–	–	–	124	112	–	–
35 percent or more	765	123	14	–	6	412	356	56	–
Not computed	9	–	–	–	–	4	4	–	–
Median	11.6	25.4	47.8	17.5	50.0+	19.6	18.9	42.1	–
$35,000 to $49,999	6 540	356	33	–	11	2 037	1 878	84	47
Less than 20 percent	4 126	165	–	–	11	1 102	1 049	34	11
20 to 24 percent	500	32	–	–	–	199	176	6	6
25 to 29 percent	463	10	7	–	–	213	189	11	13
30 to 34 percent	493	34	9	–	–	165	152	7	6
35 percent or more	958	115	17	–	–	358	312	26	11
Not computed	–	–	–	–	–	–	–	–	–
Median	13.2	22.0	40.3	–	10.0–	18.3	17.6	25.9	27.5
$50,000 or more	24 814	1 148	58	24	–	5 324	5 042	160	78
Less than 20 percent	17 050	740	16	9	–	3 567	3 397	99	41
20 to 24 percent	2 833	177	12	–	–	773	736	22	9
25 to 29 percent	2 413	98	14	7	–	421	384	21	16
30 to 34 percent	1 219	80	8	8	–	234	224	5	5
35 percent or more	1 287	53	8	–	–	329	301	13	7
Not computed	12	–	–	–	–	–	–	–	–
Median	13.4	16.1	25.4	27.1	–	14.9	14.8	14.5	19.4
Specified renter-occupied housing units	**19 144**	**3 791**	**1 183**	**339**	**129**	**14 692**	**11 269**	**2 232**	**406**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	19 144	3 791	1 183	339	129	14 692	11 269	2 232	406
Less than 10 percent	1 292	154	28	13	–	725	599	86	–
10 to 14 percent	2 512	313	37	28	–	1 576	1 276	205	26
15 to 19 percent	3 001	379	143	72	–	1 731	1 406	244	30
20 to 24 percent	2 478	442	73	49	15	1 922	1 395	301	51
25 to 29 percent	2 221	388	139	44	40	1 645	1 303	233	65
30 to 34 percent	1 358	324	45	31	–	1 279	912	265	14
35 to 49 percent	2 090	575	244	37	33	1 756	1 316	309	33
50 percent or more	2 449	934	378	65	25	2 961	2 298	407	68
Not computed	1 743	282	96	–	16	1 097	764	182	119
Median	23.8	31.2	39.3	25.9	36.3	27.6	27.2	29.1	27.8
Less than $10,000	3 080	991	347	103	25	3 035	2 240	598	22
Less than 20 percent	107	96	11	–	–	96	63	33	–
20 to 24 percent	136	40	12	14	–	148	122	26	–
25 to 29 percent	319	65	19	14	–	262	166	96	–
30 to 34 percent	112	41	7	13	–	159	115	39	–
35 percent or more	1 718	555	227	62	14	1 948	1 496	303	–
Not computed	688	194	71	–	11	422	278	101	22
Median	50.0+	50.0+	50.0+	48.8	50.0+	50.0+	50.0+	44.5	–
$10,000 to $19,999	3 479	838	365	82	53	3 150	2 255	575	104
Less than 20 percent	296	33	58	14	–	250	170	80	–
20 to 24 percent	278	28	8	10	–	214	122	55	–
25 to 29 percent	396	56	36	10	9	329	255	39	10
30 to 34 percent	403	98	–	8	–	406	263	100	–
35 percent or more	1 854	597	256	40	44	1 776	1 300	283	82
Not computed	252	26	7	–	–	175	145	18	12
Median	37.3	46.6	43.4	34.4	44.3	41.6	42.2	35.5	50.0+
$20,000 to $34,999	5 255	994	312	91	27	3 656	2 794	598	145
Less than 20 percent	1 476	208	53	57	–	820	629	149	29
20 to 24 percent	992	137	30	15	5	664	487	129	21
25 to 29 percent	1 027	174	60	14	17	635	509	84	35
30 to 34 percent	586	136	22	5	–	473	355	71	7
35 percent or more	847	308	139	–	–	849	695	121	7
Not computed	327	31	8	–	5	215	119	44	46
Median	25.0	28.9	32.0	18.8	26.8	26.9	27.2	25.0	24.9
$35,000 or more	7 330	968	159	63	24	4 851	3 980	461	135
Less than 20 percent	4 926	509	86	42	–	2 866	2 419	273	27
20 to 24 percent	1 072	237	23	10	10	896	664	91	30
25 to 29 percent	479	93	24	6	14	419	373	14	20
30 to 34 percent	257	49	16	5	–	241	179	55	7
35 percent or more	120	49	–	–	–	144	123	9	12
Not computed	476	31	10	–	–	285	222	19	39
Median	16.1	18.8	18.8	14.6	25.7	17.3	17.1	17.5	23.5

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Table 75. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Kauai County				
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Specified owner-occupied housing units	**4 760**	**1 891**	**2 663**	**816**	**785**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels	4 760	1 891	2 663	816	785
Less than 10 percent	1 812	526	1 242	314	302
10 to 14 percent	819	287	485	95	95
15 to 19 percent	619	290	294	82	78
20 to 24 percent	554	250	272	78	78
25 to 29 percent	339	175	140	54	47
30 to 34 percent	223	128	95	85	85
35 to 49 percent	217	126	91	33	33
50 percent or more	169	101	44	70	62
Not computed	8	8	–	5	5
Median	13.4	17.2	10.9	14.8	14.6
Less than $20,000	853	230	575	125	125
Less than 20 percent	506	108	385	31	31
20 to 24 percent	89	11	70	25	25
25 to 29 percent	54	17	25	–	–
30 to 34 percent	29	–	29	10	10
35 percent or more	167	86	66	54	54
Not computed	8	8	–	5	5
Median	16.1	21.4	14.5	32.0	32.0
$20,000 to $34,999	932	406	498	181	166
Less than 20 percent	615	183	416	72	72
20 to 24 percent	65	54	11	6	6
25 to 29 percent	73	38	23	34	27
30 to 34 percent	56	41	15	47	47
35 percent or more	123	90	33	22	14
Not computed	–	–	–	–	–
Median	10.0–	21.9	10.0–	26.8	25.9
$35,000 to $49,999	1 122	529	580	217	211
Less than 20 percent	707	271	423	140	134
20 to 24 percent	171	95	76	23	23
25 to 29 percent	98	69	29	12	12
30 to 34 percent	92	58	34	28	28
35 percent or more	54	36	18	14	14
Not computed	–	–	–	–	–
Median	14.3	19.5	10.0	14.7	15.2
$50,000 or more	1 853	726	1 010	293	283
Less than 20 percent	1 422	541	797	248	238
20 to 24 percent	229	90	115	24	24
25 to 29 percent	114	51	63	8	8
30 to 34 percent	46	29	17	–	–
35 percent or more	42	15	18	13	13
Not computed	–	–	–	–	–
Median	12.8	14.6	11.0	10.0–	10.0–
Specified renter-occupied housing units	**2 117**	**1 069**	**936**	**917**	**888**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
All income levels	2 117	1 069	936	917	888
Less than 10 percent	487	308	159	96	96
10 to 14 percent	270	135	128	99	99
15 to 19 percent	221	101	107	133	133
20 to 24 percent	198	93	95	121	112
25 to 29 percent	276	125	138	54	54
30 to 34 percent	93	38	32	46	39
35 to 49 percent	176	95	70	104	91
50 percent or more	158	100	43	133	133
Not computed	238	74	164	131	131
Median	19.1	17.7	19.6	22.7	22.3
Less than $10,000	336	187	143	115	108
Less than 20 percent	69	41	28	–	–
20 to 24 percent	25	25	–	–	–
25 to 29 percent	62	26	36	16	16
30 to 34 percent	19	–	19	19	12
35 percent or more	103	76	21	59	59
Not computed	58	19	39	21	21
Median	28.6	28.5	28.3	50.0+	50.0+
$10,000 to $19,999	389	242	131	210	210
Less than 20 percent	90	53	35	9	9
20 to 24 percent	37	34	3	18	18
25 to 29 percent	64	52	12	8	8
30 to 34 percent	34	20	9	–	–
35 percent or more	113	63	41	119	119
Not computed	51	20	31	56	56
Median	28.3	27.3	30.0	47.1	47.1
$20,000 to $34,999	609	239	324	253	244
Less than 20 percent	254	136	105	96	96
20 to 24 percent	62	10	42	47	38
25 to 29 percent	97	18	79	30	30
30 to 34 percent	27	11	4	11	11
35 percent or more	109	47	51	46	46
Not computed	60	17	43	23	23
Median	21.7	17.3	24.2	22.0	21.9
$35,000 or more	783	401	338	339	326
Less than 20 percent	565	314	226	223	223
20 to 24 percent	74	24	50	56	56
25 to 29 percent	53	29	11	–	–
30 to 34 percent	13	7	–	16	16
35 percent or more	9	9	–	13	–
Not computed	69	18	51	31	31
Median	10.7	10.0–	12.2	14.7	14.3

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Table 75. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Maui County					
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian
Specified owner-occupied housing units	**8 117**	**386**	**3 094**	**4 460**	**1 961**	**1 926**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
All income levels	8 117	386	3 094	4 460	1 961	1 926
Less than 10 percent	3 117	118	799	2 160	609	605
10 to 14 percent	1 102	65	418	607	318	312
15 to 19 percent	1 106	21	574	511	221	221
20 to 24 percent	890	45	432	379	241	229
25 to 29 percent	635	48	269	300	194	194
30 to 34 percent	347	25	125	175	120	120
35 to 49 percent	476	40	228	194	138	130
50 percent or more	431	16	249	129	85	80
Not computed	13	8	–	5	35	35
Median	14.2	16.4	17.9	10.6	15.8	15.6
Less than $20,000	1 184	49	348	758	359	354
Less than 20 percent	639	10	125	498	122	122
20 to 24 percent	128	–	41	76	42	42
25 to 29 percent	112	7	33	67	53	53
30 to 34 percent	21	–	14	–	25	25
35 percent or more	271	24	135	112	99	94
Not computed	13	8	–	5	18	18
Median	18.7	36.7	26.2	16.1	25.6	25.4
$20,000 to $34,999	1 542	51	526	904	437	420
Less than 20 percent	1 036	37	270	723	230	226
20 to 24 percent	121	6	72	35	90	85
25 to 29 percent	105	–	47	52	12	12
30 to 34 percent	75	–	17	43	21	21
35 percent or more	205	8	120	51	67	59
Not computed	–	–	–	–	17	17
Median	10.7	10.0–	19.6	10.0–	17.4	16.9
$35,000 to $49,999	1 732	84	778	822	337	337
Less than 20 percent	1 054	31	421	586	180	180
20 to 24 percent	140	5	88	47	58	58
25 to 29 percent	143	16	70	50	50	50
30 to 34 percent	112	14	47	51	26	26
35 percent or more	283	18	152	88	23	23
Not computed	–	–	–	–	–	–
Median	14.6	26.9	18.6	10.0–	18.7	18.7
$50,000 or more	3 659	202	1 442	1 976	828	815
Less than 20 percent	2 596	126	975	1 471	616	610
20 to 24 percent	501	34	231	221	51	44
25 to 29 percent	275	25	119	131	79	79
30 to 34 percent	139	11	47	81	48	48
35 percent or more	148	6	70	72	34	34
Not computed	–	–	–	–	–	–
Median	13.4	14.6	16.2	10.0	12.8	12.7
Specified renter-occupied housing units	**3 547**	**192**	**1 623**	**1 577**	**1 904**	**1 719**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
All income levels	3 547	192	1 623	1 577	1 904	1 719
Less than 10 percent	327	19	190	118	131	121
10 to 14 percent	449	7	300	137	132	118
15 to 19 percent	466	38	228	184	269	249
20 to 24 percent	425	24	193	172	295	269
25 to 29 percent	391	6	183	202	226	204
30 to 34 percent	205	15	70	120	123	116
35 to 49 percent	315	–	158	153	240	183
50 percent or more	349	42	120	114	256	234
Not computed	620	41	181	377	232	225
Median	22.6	22.4	20.1	24.7	25.2	24.8
Less than $10,000	589	45	203	276	265	265
Less than 20 percent	43	–	18	25	3	3
20 to 24 percent	28	–	20	8	16	16
25 to 29 percent	63	–	23	40	49	49
30 to 34 percent	15	–	–	15	–	–
35 percent or more	300	27	105	108	123	123
Not computed	140	18	37	80	74	74
Median	46.7	50.0+	39.4	37.9	50.0+	50.0+
$10,000 to $19,999	465	16	139	301	338	311
Less than 20 percent	64	–	29	35	32	32
20 to 24 percent	41	–	9	32	17	17
25 to 29 percent	65	–	25	40	41	31
30 to 34 percent	60	–	16	44	17	17
35 percent or more	144	4	48	92	182	165
Not computed	91	12	12	58	49	49
Median	31.4	50.0+	30.2	31.6	38.8	38.4
$20,000 to $34,999	1 145	68	559	474	520	440
Less than 20 percent	313	14	189	110	70	70
20 to 24 percent	181	20	72	62	71	71
25 to 29 percent	145	6	89	50	96	92
30 to 34 percent	109	6	54	49	61	54
35 percent or more	191	11	96	67	167	105
Not computed	206	11	59	136	55	48
Median	24.3	23.6	24.2	24.8	29.8	28.0
$35,000 or more	1 348	63	722	526	781	703
Less than 20 percent	822	50	482	269	427	383
20 to 24 percent	175	4	92	70	191	165
25 to 29 percent	118	–	46	72	40	32
30 to 34 percent	21	9	–	12	45	45
35 percent or more	29	–	29	–	24	24
Not computed	183	–	73	103	54	54
Median	16.0	17.1	14.5	17.5	18.4	18.4

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Table 76. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County				Honolulu County			
	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin
Occupied housing units	**313**	**1 130**	**1 353**	**1 286**	**2 536**	**3 856**	**6 700**	**6 201**
TENURE								
Owner-occupied housing units	100	421	600	589	408	1 074	2 872	2 746
Renter-occupied housing units	213	709	753	697	2 128	2 782	3 828	3 455
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**100**	**421**	**600**	**589**	**408**	**1 074**	**2 872**	**2 746**
1989 to March 1990	32	5	16	16	–	31	71	71
1985 to 1988	26	21	126	126	78	72	267	252
1980 to 1984	19	50	123	123	85	63	302	293
1970 to 1979	10	122	195	189	81	327	721	689
1960 to 1969	5	74	62	57	94	294	685	654
1950 to 1959	–	46	4	4	33	213	521	487
1940 to 1949	8	24	12	12	24	58	146	141
1939 or earlier	–	79	62	62	13	16	159	159
Renter-occupied housing units	**213**	**709**	**753**	**697**	**2 128**	**2 782**	**3 828**	**3 455**
1989 to March 1990	31	9	69	69	38	44	55	38
1985 to 1988	37	115	95	70	90	111	194	194
1980 to 1984	24	52	99	99	246	206	301	271
1970 to 1979	56	278	147	125	681	817	1 005	904
1960 to 1969	–	72	94	85	447	691	996	886
1950 to 1959	8	57	63	63	327	429	644	575
1940 to 1949	27	39	59	59	197	320	362	322
1939 or earlier	30	87	127	127	102	164	271	265
BEDROOMS								
Owner-occupied housing units	**100**	**421**	**600**	**589**	**408**	**1 074**	**2 872**	**2 746**
None	–	31	8	8	15	33	68	68
1	–	43	31	31	26	152	332	309
2	29	50	132	132	124	183	760	707
3	66	251	356	345	170	455	1 128	1 088
4	–	42	50	50	63	151	338	328
5 or more	5	4	23	23	10	100	246	246
Renter-occupied housing units	**213**	**709**	**753**	**697**	**2 128**	**2 782**	**3 828**	**3 455**
None	24	57	36	36	166	312	459	419
1	38	152	192	184	535	648	1 045	907
2	90	205	244	201	638	1 147	1 340	1 255
3	57	236	238	233	632	579	686	608
4	4	39	43	43	157	96	256	231
5 or more	–	20	–	–	–	–	42	35
SOURCE OF WATER								
Public system or private company	278	1 011	1 127	1 072	2 536	3 839	6 678	6 179
Individual drilled well	–	–	–	–	–	5	17	17
Individual dug well	–	–	–	–	–	–	–	–
Some other source	35	119	226	214	–	12	5	5
SEWAGE DISPOSAL								
Public sewer	116	316	427	392	2 437	3 415	6 157	5 688
Septic tank or cesspool	192	785	840	815	99	417	526	496
Other means	5	29	86	79	–	24	17	17
KITCHEN FACILITIES								
Complete kitchen facilities	277	1 088	1 325	1 258	2 501	3 765	6 585	6 096
Lacking complete kitchen facilities	36	42	28	28	35	91	115	105
HOUSE HEATING FUEL								
Utility gas	–	29	20	20	83	155	337	297
Bottled, tank, or LP gas	–	93	48	48	12	58	99	99
Electricity	106	256	210	210	924	1 867	2 808	2 558
Fuel oil, kerosene, etc.	–	–	6	6	–	4	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	4	5	14	14	8	–	10	10
Solar energy	–	13	17	17	23	15	83	83
Other fuel	5	–	–	–	–	–	–	–
No fuel used	198	734	1 038	971	1 486	1 757	3 363	3 154
VEHICLES AVAILABLE								
None	42	128	100	86	122	710	855	777
1	141	369	545	516	1 307	1 552	2 398	2 207
2	118	452	468	450	868	1 062	2 232	2 070
3	8	143	203	197	145	353	767	706
4	–	25	23	23	48	122	328	328
5 or more	4	13	14	14	46	57	120	113
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**100**	**421**	**600**	**589**	**408**	**1 074**	**2 872**	**2 746**
1989 to March 1990	37	13	44	44	72	94	280	248
1985 to 1988	26	92	199	199	171	222	667	632
1980 to 1984	19	78	127	116	72	135	488	450
1970 to 1979	10	110	145	145	40	288	700	684
1960 to 1969	8	56	49	49	38	193	400	400
1959 or earlier	–	72	36	36	15	142	337	332
Renter-occupied housing units	**213**	**709**	**753**	**697**	**2 128**	**2 782**	**3 828**	**3 455**
1989 to March 1990	104	294	350	320	1 214	1 112	1 320	1 140
1985 to 1988	102	281	280	259	719	1 064	1 694	1 523
1980 to 1984	7	71	68	68	99	240	587	567
1970 to 1979	–	42	32	27	82	299	177	175
1960 to 1969	–	15	12	12	6	55	36	36
1959 or earlier	–	6	11	11	8	12	14	14
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**100**	**421**	**600**	**589**	**408**	**1 074**	**2 872**	**2 746**
Lacking complete plumbing facilities	–	8	26	26	–	–	–	–
1.01 or more	–	8	–	–	–	–	–	–
Renter-occupied housing units	**213**	**709**	**753**	**697**	**2 128**	**2 782**	**3 828**	**3 455**
Lacking complete plumbing facilities	21	31	50	50	6	44	67	55
1.01 or more	–	8	12	12	–	20	26	26

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Table 76. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**—Con.

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Kauai County			Maui County			
	Puerto Rican	Other Hispanic	All other Hispanic origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin
Occupied housing units	**382**	**729**	**725**	**290**	**588**	**1 020**	**968**
TENURE							
Owner-occupied housing units	187	427	427	73	330	467	455
Renter-occupied housing units	195	302	298	217	258	553	513
YEAR STRUCTURE BUILT							
Owner-occupied housing units	**187**	**427**	**427**	**73**	**330**	**467**	**455**
1989 to March 1990	–	19	19	7	15	15	15
1985 to 1988	14	45	45	22	34	86	80
1980 to 1984	41	49	49	–	40	49	49
1970 to 1979	54	195	195	28	192	201	201
1960 to 1969	41	18	18	–	17	23	23
1950 to 1959	19	46	46	6	8	39	39
1940 to 1949	14	30	30	10	8	15	9
1939 or earlier	4	25	25	–	16	39	39
Renter-occupied housing units	**195**	**302**	**298**	**217**	**258**	**553**	**513**
1989 to March 1990	–	–	–	37	18	20	9
1985 to 1988	14	18	18	32	39	61	51
1980 to 1984	13	50	46	7	26	53	53
1970 to 1979	57	86	86	72	79	234	220
1960 to 1969	43	47	47	24	29	61	56
1950 to 1959	23	21	21	25	29	52	52
1940 to 1949	17	48	48	7	14	28	28
1939 or earlier	28	32	32	13	24	44	44
BEDROOMS							
Owner-occupied housing units	**187**	**427**	**427**	**73**	**330**	**467**	**455**
None	8	–	–	–	–	9	9
1	15	31	31	6	27	82	82
2	62	96	96	31	78	140	134
3	69	238	238	20	195	186	180
4	19	37	37	16	30	26	26
5 or more	14	25	25	–	–	24	24
Renter-occupied housing units	**195**	**302**	**298**	**217**	**258**	**553**	**513**
None	11	14	14	27	37	83	83
1	49	39	39	44	85	107	77
2	51	98	94	89	45	176	171
3	79	100	100	48	84	152	147
4	5	46	46	9	7	12	12
5 or more	–	5	5	–	–	23	23
SOURCE OF WATER							
Public system or private company	382	696	692	278	588	992	950
Individual drilled well	–	9	9	6	–	–	–
Individual dug well	–	–	–	–	–	–	–
Some other source	–	24	24	6	–	28	18
SEWAGE DISPOSAL							
Public sewer	87	211	211	216	388	652	621
Septic tank or cesspool	295	486	482	74	200	345	324
Other means	–	32	32	–	–	23	23
KITCHEN FACILITIES							
Complete kitchen facilities	367	720	716	290	588	995	943
Lacking complete kitchen facilities	15	9	9	–	–	25	25
HOUSE HEATING FUEL							
Utility gas	–	17	17	9	9	–	–
Bottled, tank, or LP gas	46	98	98	–	69	31	31
Electricity	126	138	138	20	183	410	373
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–
Wood	–	–	–	7	23	–	–
Solar energy	–	29	29	6	32	35	29
Other fuel	–	–	–	–	–	–	–
No fuel used	210	447	443	248	272	544	535
VEHICLES AVAILABLE							
None	42	32	28	35	44	19	19
1	91	176	176	95	144	362	339
2	152	305	305	106	288	401	382
3	31	133	133	23	77	125	120
4	31	60	60	31	23	91	86
5 or more	35	23	23	–	12	22	22
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	**187**	**427**	**427**	**73**	**330**	**467**	**455**
1989 to March 1990	–	54	54	7	21	29	29
1985 to 1988	14	90	90	35	71	191	179
1980 to 1984	49	77	77	6	65	71	71
1970 to 1979	54	115	115	15	135	133	133
1960 to 1969	53	18	18	–	24	26	26
1959 or earlier	17	73	73	10	14	17	17
Renter-occupied housing units	**195**	**302**	**298**	**217**	**258**	**553**	**513**
1989 to March 1990	68	89	89	135	73	236	201
1985 to 1988	59	64	64	58	111	204	199
1980 to 1984	36	54	50	17	34	81	81
1970 to 1979	32	60	60	7	28	26	26
1960 to 1969	–	13	13	–	12	3	3
1959 or earlier	–	22	22	–	–	3	3
PLUMBING FACILITIES BY PERSONS PER ROOM							
Owner-occupied housing units	**187**	**427**	**427**	**73**	**330**	**467**	**455**
Lacking complete plumbing facilities	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–
Renter-occupied housing units	**195**	**302**	**298**	**217**	**258**	**553**	**513**
Lacking complete plumbing facilities	8	–	–	–	11	15	15
1.01 or more	–	–	–	–	–	15	15

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Table 77. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County				Honolulu County			
	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin
Occupied housing units	**313**	**1 130**	**1 353**	**1 286**	**2 536**	**3 856**	**6 700**	**6 201**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**24**	**132**	**164**	**164**	**58**	**480**	**926**	**909**
Owner occupied	10	89	77	77	15	255	527	527
1-person households	–	29	54	54	19	188	229	212
Built 1939 or earlier	–	33	67	67	25	41	99	99
Mean household income in 1989 (dollars)	66 396	24 152	22 983	22 983	25 788	28 676	33 728	34 229
Female householder, no husband present	5	51	42	42	10	144	249	238
Lacking complete plumbing facilities	–	–	15	15	–	–	11	11
No vehicle available	–	25	27	27	16	222	267	250
No telephone in unit	–	–	15	15	10	9	26	20
1-person households	–	–	8	8	10	6	26	20
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**4**	**30**	**42**	**42**	**9**	**68**	**128**	**113**
Married-couple families	–	24	23	23	–	16	39	39
With own children under 18 years	–	5	5	5	–	–	8	8
Families with female householder	–	6	4	4	–	19	29	20
With own children under 18 years	–	6	4	4	–	10	29	20
Householder worked in 1989	4	–	23	23	–	24	49	34
With public assistance income	–	17	4	4	–	9	23	23
With Social Security income	–	13	5	5	–	9	71	71
Built 1939 or earlier	–	–	5	5	–	–	5	5
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	5	5	–	17	11	5
No telephone in unit	–	–	–	–	–	–	6	6
1.01 or more persons per room	–	–	–	–	–	23	39	30
Renter-occupied housing units	**74**	**236**	**187**	**180**	**148**	**727**	**717**	**680**
Married-couple families	9	56	26	26	46	115	157	157
With own children under 18 years	9	38	20	20	40	95	92	92
Families with female householder	16	109	90	83	47	384	316	303
With own children under 18 years	16	105	90	83	47	345	279	266
Householder worked in 1989	63	95	93	93	86	249	271	256
With public assistance income	12	105	111	104	52	422	264	264
With Social Security income	–	34	57	57	10	66	178	167
Built 1939 or earlier	–	27	28	28	10	48	31	31
Lacking complete plumbing facilities	–	19	13	13	–	29	20	20
No vehicle available	26	101	35	35	37	339	303	290
No telephone in unit	26	20	32	32	16	138	83	83
1.01 or more persons per room	7	80	26	19	54	225	224	224
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**28 750**	**25 449**	**23 803**	**23 921**	**30 929**	**25 782**	**36 421**	**36 687**
Owner occupied (dollars)	36 346	29 812	36 754	36 513	51 353	46 000	52 183	52 175
Renter occupied (dollars)	16 750	20 272	16 345	16 236	27 252	20 220	24 002	23 744
Specified owner-occupied housing units	**95**	**389**	**538**	**527**	**288**	**841**	**2 310**	**2 237**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	58	242	400	389	275	615	1 783	1 715
Less than $200	–	–	–	–	–	–	24	24
$200 to $299	–	6	36	36	–	17	22	22
$300 to $399	–	56	24	24	7	42	89	89
$400 to $499	–	19	74	74	15	79	86	86
$500 to $599	15	50	66	66	10	9	82	82
$600 to $699	5	34	31	31	–	27	133	133
$700 to $799	4	19	37	37	18	38	84	84
$800 to $899	–	18	21	16	–	42	94	94
$900 to $999	–	16	31	31	18	50	102	102
$1,000 to $1,249	–	19	43	37	81	128	312	292
$1,250 to $1,499	7	5	11	11	54	54	299	282
$1,500 to $1,999	22	–	26	26	32	93	308	277
$2,000 or more	5	–	–	–	40	36	148	148
Median (dollars)	1 429	580	600	589	1 215	1 007	1 141	1 121
Mean (dollars)	1 383	630	721	714	1 330	1 041	1 192	1 184
Not mortgaged	37	147	138	138	13	226	527	522
Less than $100	24	47	65	65	–	32	22	22
$100 to $199	13	67	60	60	9	129	257	257
$200 to $299	–	14	13	13	4	47	204	204
$300 to $399	–	6	–	–	–	11	35	30
$400 to $499	–	13	–	–	–	–	–	–
$500 or more	–	–	–	–	–	7	9	9
Median (dollars)	100–	139	106	106	186	161	194	193
Mean (dollars)	92	164	115	115	172	185	201	199
Specified renter-occupied housing units	**207**	**685**	**721**	**665**	**2 128**	**2 769**	**3 787**	**3 424**
GROSS RENT								
Less than $100	11	3	13	13	–	71	58	58
$100 to $149	–	53	63	63	–	122	105	94
$150 to $199	7	26	47	35	31	92	59	57
$200 to $249	5	44	31	31	4	53	140	140
$250 to $299	13	22	61	56	8	120	121	118
$300 to $349	16	47	15	15	43	104	110	98
$350 to $399	–	57	79	79	100	133	113	90
$400 to $449	19	9	53	53	70	113	161	147
$450 to $499	12	38	51	44	75	164	238	226
$500 to $549	4	55	40	40	77	162	264	248
$550 to $599	–	86	31	31	77	196	309	292
$600 to $649	10	58	33	33	76	152	260	254
$650 to $699	44	57	38	38	108	109	282	260
$700 to $749	10	13	32	23	89	173	235	210
$750 to $999	31	66	79	56	508	502	764	681
$1,000 or more	16	9	25	25	323	116	245	194
No cash rent	9	42	30	30	539	387	323	257
Median (dollars)	652	520	432	421	768	565	610	603
Mean (dollars)	584	490	480	466	800	577	629	617

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Table 77. **Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**—Con.

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Kauai County			Maui County			
	Puerto Rican	Other Hispanic	All other Hispanic origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin
Occupied housing units	**382**	**729**	**725**	**290**	**588**	**1 020**	**968**
HOUSEHOLDER 65 YEARS AND OVER							
Occupied housing units	**61**	**155**	**155**	**6**	**44**	**102**	**102**
Owner occupied	37	106	106	6	22	69	69
1-person households	24	34	34	–	13	34	34
Built 1939 or earlier	10	4	4	–	17	13	13
Mean household income in 1989 (dollars)	15 015	29 216	29 216	27 553	19 660	25 447	25 447
Female householder, no husband present	24	32	32	–	13	21	21
Lacking complete plumbing facilities	–	–	–	–	–	–	–
No vehicle available	14	10	10	–	18	11	11
No telephone in unit	–	–	–	–	–	5	5
1-person households	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL							
Owner-occupied housing units	**–**	**30**	**30**	**6**	**21**	**38**	**38**
Married-couple families	–	–	–	6	16	4	4
With own children under 18 years	–	–	–	–	7	4	4
Families with female householder	–	7	7	–	5	27	27
With own children under 18 years	–	7	7	–	5	20	20
Householder worked in 1989	–	22	22	–	9	31	31
With public assistance income	–	–	–	–	5	–	–
With Social Security income	–	8	8	6	–	7	7
Built 1939 or earlier	–	–	–	–	–	7	7
Lacking complete plumbing facilities	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	14	–	–
No telephone in unit	–	–	–	–	5	–	–
1.01 or more persons per room	–	–	–	–	16	4	4
Renter-occupied housing units	**47**	**51**	**51**	**24**	**55**	**59**	**59**
Married-couple families	8	19	19	–	9	17	17
With own children under 18 years	8	–	–	–	9	1	1
Families with female householder	20	11	11	11	23	21	21
With own children under 18 years	20	7	7	11	23	21	21
Householder worked in 1989	3	14	14	13	25	23	23
With public assistance income	22	21	21	–	8	29	29
With Social Security income	14	37	37	–	13	3	3
Built 1939 or earlier	13	4	4	–	7	–	–
Lacking complete plumbing facilities	8	–	–	–	–	–	–
No vehicle available	17	7	7	17	25	–	–
No telephone in unit	4	7	7	11	9	11	11
1.01 or more persons per room	3	–	–	11	26	12	12
MEDIAN HOUSEHOLD INCOME IN 1989							
Occupied housing units (dollars)	**25 000**	**34 962**	**35 134**	**38 438**	**34 405**	**37 721**	**37 500**
Owner occupied (dollars)	31 776	41 065	41 065	40 417	38 065	43 594	42 351
Renter occupied (dollars)	18 144	28 214	28 929	36 875	25 357	27 917	28 417
Specified owner-occupied housing units	**171**	**394**	**394**	**58**	**277**	**393**	**381**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
With a mortgage	110	274	274	58	243	311	305
Less than $200	–	–	–	–	–	–	–
$200 to $299	16	–	–	–	17	23	23
$300 to $399	14	7	7	–	22	32	32
$400 to $499	10	40	40	5	34	22	22
$500 to $599	–	–	–	–	12	25	25
$600 to $699	13	39	39	10	29	31	31
$700 to $799	–	19	19	–	6	7	7
$800 to $899	18	56	56	–	18	21	21
$900 to $999	–	23	23	4	–	15	15
$1,000 to $1,249	12	59	59	25	27	43	43
$1,250 to $1,499	–	12	12	6	70	44	44
$1,500 to $1,999	20	8	8	8	8	27	21
$2,000 or more	7	11	11	–	–	21	21
Median (dollars)	808	842	842	1 100	808	866	848
Mean (dollars)	873	988	988	1 049	854	1 031	1 012
Not mortgaged	61	120	120	–	34	82	76
Less than $100	13	25	25	–	5	13	13
$100 to $199	42	79	79	–	21	58	52
$200 to $299	–	13	13	–	–	11	11
$300 to $399	6	3	3	–	8	–	–
$400 to $499	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–
Median (dollars)	155	142	142	–	179	142	138
Mean (dollars)	162	153	153	–	196	145	142
Specified renter-occupied housing units	**195**	**302**	**298**	**217**	**253**	**553**	**513**
GROSS RENT							
Less than $100	6	9	9	–	7	8	8
$100 to $149	21	32	32	–	6	6	6
$150 to $199	22	32	32	–	23	5	5
$200 to $249	–	13	13	–	7	7	7
$250 to $299	–	20	20	3	–	3	3
$300 to $349	13	3	3	2	9	10	10
$350 to $399	–	7	7	–	12	16	16
$400 to $449	5	5	5	–	5	5	5
$450 to $499	–	5	5	–	33	62	62
$500 to $549	8	15	15	–	20	32	32
$550 to $599	18	10	10	6	8	28	21
$600 to $649	19	26	22	–	9	33	33
$650 to $699	4	5	5	19	34	37	37
$700 to $749	10	18	18	8	10	35	35
$750 to $999	42	40	40	99	54	103	72
$1,000 or more	18	27	27	54	7	120	120
No cash rent	9	35	35	26	9	43	41
Median (dollars)	600	525	518	895	550	704	688
Mean (dollars)	579	557	556	950	556	755	750

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Table 78. Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Hawaii County				Honolulu County			
	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin
Specified owner-occupied housing units	**95**	**389**	**538**	**527**	**288**	**841**	**2 310**	**2 237**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	95	389	538	527	288	841	2 310	2 237
Less than 10 percent	27	116	122	122	17	177	560	555
10 to 14 percent	15	48	132	132	27	126	330	330
15 to 19 percent	10	47	64	58	39	196	310	302
20 to 24 percent	5	55	80	75	51	89	240	236
25 to 29 percent	7	59	42	42	51	57	273	244
30 to 34 percent	–	9	15	15	42	24	208	208
35 to 49 percent	22	23	36	36	34	95	184	179
50 percent or more	9	32	28	28	27	64	190	168
Not computed	–	–	19	19	–	13	15	15
Median	17.7	18.2	15.4	15.0	26.0	17.8	19.2	18.7
Less than $20,000	29	101	118	118	9	127	215	206
Less than 20 percent	25	34	57	57	9	57	82	82
20 to 24 percent	–	9	–	–	–	10	–	–
25 to 29 percent	–	20	–	–	–	6	10	10
30 to 34 percent	–	–	5	5	–	–	17	17
35 percent or more	4	38	37	37	–	46	100	91
Not computed	–	–	19	19	–	8	6	6
Median	11.5	26.9	14.8	14.8	12.5	21.3	33.7	32.4
$20,000 to $34,999	9	128	129	129	38	141	211	205
Less than 20 percent	4	63	52	52	–	79	71	71
20 to 24 percent	5	21	34	34	15	7	11	11
25 to 29 percent	–	18	16	16	–	13	21	21
30 to 34 percent	–	9	–	–	–	6	36	36
35 percent or more	–	17	27	27	23	31	72	66
Not computed	–	–	–	–	–	5	–	–
Median	20.5	20.2	21.8	21.8	40.0	16.9	30.3	29.9
$35,000 to $49,999	45	102	153	148	57	172	511	499
Less than 20 percent	18	60	117	117	4	86	279	279
20 to 24 percent	–	21	21	16	–	12	32	32
25 to 29 percent	–	21	5	5	11	9	51	51
30 to 34 percent	–	–	10	10	25	6	37	37
35 percent or more	27	–	–	–	17	59	112	100
Not computed	–	–	–	–	–	–	–	–
Median	42.0	18.7	13.7	13.5	32.7	20.0	18.6	18.2
$50,000 or more	12	58	138	132	184	401	1 373	1 327
Less than 20 percent	5	54	92	86	70	277	768	755
20 to 24 percent	–	4	25	25	36	60	197	193
25 to 29 percent	7	–	21	21	40	29	191	162
30 to 34 percent	–	–	–	–	17	12	118	118
35 percent or more	–	–	–	–	21	23	90	90
Not computed	–	–	–	–	–	–	9	9
Median	25.7	10.0–	14.7	14.2	23.1	17.4	17.6	17.1
Specified renter-occupied housing units	**207**	**685**	**721**	**665**	**2 128**	**2 769**	**3 787**	**3 424**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	207	685	721	665	2 128	2 769	3 787	3 424
Less than 10 percent	17	38	25	25	44	84	199	199
10 to 14 percent	8	68	70	70	161	175	250	223
15 to 19 percent	44	78	108	108	187	340	389	331
20 to 24 percent	15	111	92	79	194	232	600	547
25 to 29 percent	22	77	64	47	197	353	350	317
30 to 34 percent	16	25	74	74	139	233	333	302
35 to 49 percent	13	82	105	100	268	343	571	534
50 percent or more	63	150	153	132	388	552	718	671
Not computed	9	56	30	30	550	457	377	300
Median	28.4	26.3	28.9	28.8	30.2	29.6	28.8	29.1
Less than $10,000	47	212	191	167	114	651	641	617
Less than 20 percent	11	4	6	6	–	43	17	17
20 to 24 percent	–	5	16	12	–	39	30	30
25 to 29 percent	–	19	22	14	5	49	39	37
30 to 34 percent	–	9	9	9	–	75	32	21
35 percent or more	36	124	133	121	94	359	461	461
Not computed	–	51	5	5	15	86	62	51
Median	50.0+	50.0+	47.3	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	55	136	264	250	464	716	900	806
Less than 20 percent	7	28	59	59	9	48	53	53
20 to 24 percent	5	20	26	26	7	21	76	71
25 to 29 percent	–	5	17	17	23	95	84	63
30 to 34 percent	16	–	52	52	17	24	80	80
35 percent or more	27	83	103	89	247	379	526	481
Not computed	–	–	7	7	161	149	81	58
Median	34.8	38.4	32.5	31.9	50.0+	41.3	40.9	40.2
$20,000 to $34,999	21	194	142	133	834	697	975	856
Less than 20 percent	–	59	52	52	97	115	105	91
20 to 24 percent	–	51	25	25	45	64	174	160
25 to 29 percent	8	48	25	16	104	141	120	110
30 to 34 percent	–	11	13	13	80	111	164	156
35 percent or more	13	25	22	22	280	151	282	243
Not computed	–	–	5	5	228	115	130	96
Median	41.9	23.7	23.3	22.4	33.6	29.0	30.7	30.6
$35,000 or more	84	143	124	115	716	705	1 271	1 145
Less than 20 percent	51	93	86	86	286	393	663	592
20 to 24 percent	10	35	25	16	142	108	320	286
25 to 29 percent	14	5	–	–	65	68	107	107
30 to 34 percent	–	5	–	–	42	23	57	45
35 percent or more	–	–	–	–	35	6	20	20
Not computed	9	5	13	13	146	107	104	95
Median	17.4	17.1	16.4	15.8	20.0	17.6	18.7	18.7

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Table 78. **Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990** —Con.

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

County	Kauai County			Maui County			
	Puerto Rican	Other Hispanic	All other Hispanic origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic origin
Specified owner-occupied housing units	**171**	**394**	**394**	**58**	**277**	**393**	**381**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989							
All income levels	171	394	394	58	277	393	381
Less than 10 percent	54	105	105	–	38	90	84
10 to 14 percent	27	52	52	10	34	49	49
15 to 19 percent	14	54	54	–	35	48	48
20 to 24 percent	18	66	66	9	45	71	71
25 to 29 percent	16	27	27	–	15	35	35
30 to 34 percent	31	38	38	9	38	28	28
35 to 49 percent	11	13	13	6	35	11	5
50 percent or more	–	39	39	24	37	61	61
Not computed	–	–	–	–	–	–	–
Median	16.6	18.7	18.7	41.7	23.5	20.7	20.7
Less than $20,000	47	63	63	6	35	75	75
Less than 20 percent	28	36	36	–	–	39	39
20 to 24 percent	9	6	6	–	–	–	–
25 to 29 percent	–	6	6	–	8	–	–
30 to 34 percent	6	–	–	–	7	4	4
35 percent or more	4	15	15	6	20	32	32
Not computed	–	–	–	–	–	–	–
Median	16.3	17.2	17.2	50.0+	50.0+	19.3	19.3
$20,000 to $34,999	44	102	102	21	83	49	49
Less than 20 percent	26	41	41	–	39	29	29
20 to 24 percent	5	6	6	5	16	–	–
25 to 29 percent	–	2	2	–	7	7	7
30 to 34 percent	13	22	22	–	7	–	–
35 percent or more	–	31	31	16	14	13	13
Not computed	–	–	–	–	–	–	–
Median	13.5	30.5	30.5	49.2	20.8	17.2	17.2
$35,000 to $49,999	16	91	91	17	63	78	78
Less than 20 percent	8	27	27	–	17	33	33
20 to 24 percent	–	27	27	–	8	7	7
25 to 29 percent	8	19	19	–	–	7	7
30 to 34 percent	–	12	12	9	–	17	17
35 percent or more	–	6	6	8	38	14	14
Not computed	–	–	–	–	–	–	–
Median	17.5	23.4	23.4	34.7	36.4	24.3	24.3
$50,000 or more	64	138	138	14	96	191	179
Less than 20 percent	33	107	107	10	51	86	80
20 to 24 percent	4	27	27	4	21	64	64
25 to 29 percent	8	–	–	–	–	21	21
30 to 34 percent	12	4	4	–	24	7	7
35 percent or more	7	–	–	–	–	13	7
Not computed	–	–	–	–	–	–	–
Median	19.4	14.3	14.3	13.5	19.1	20.7	20.7
Specified renter-occupied housing units	**195**	**302**	**298**	**217**	**253**	**553**	**513**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989							
All income levels	195	302	298	217	253	553	513
Less than 10 percent	11	55	55	6	12	7	7
10 to 14 percent	17	52	52	9	23	72	72
15 to 19 percent	4	26	26	23	45	81	74
20 to 24 percent	4	19	19	73	34	56	56
25 to 29 percent	32	33	33	–	56	77	67
30 to 34 percent	8	7	7	7	5	20	20
35 to 49 percent	48	9	9	27	31	106	85
50 percent or more	62	66	62	46	38	75	75
Not computed	9	35	35	26	9	59	57
Median	39.5	20.1	19.7	23.9	25.7	27.0	26.4
Less than $10,000	70	48	48	15	47	51	51
Less than 20 percent	–	8	8	–	–	14	14
20 to 24 percent	–	14	14	–	7	–	–
25 to 29 percent	14	7	7	–	6	–	–
30 to 34 percent	8	–	–	–	–	–	–
35 percent or more	39	15	15	9	34	18	18
Not computed	9	4	4	6	–	19	19
Median	50.0+	25.0	25.0	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	52	55	51	27	26	86	86
Less than 20 percent	11	10	10	–	–	–	–
20 to 24 percent	–	–	–	–	9	–	–
25 to 29 percent	–	10	10	–	–	9	9
30 to 34 percent	–	–	–	–	–	–	–
35 percent or more	41	25	21	27	10	58	58
Not computed	–	10	10	–	7	19	19
Median	43.7	50.0+	50.0+	50.0+	50.0+	48.2	48.2
$20,000 to $34,999	52	76	76	47	93	190	167
Less than 20 percent	4	39	39	3	29	14	14
20 to 24 percent	–	–	–	–	–	23	23
25 to 29 percent	18	5	5	–	37	33	33
30 to 34 percent	–	–	–	7	–	15	15
35 percent or more	30	26	26	37	25	84	63
Not computed	–	6	6	–	2	21	19
Median	36.8	18.3	18.3	38.8	27.2	34.8	31.3
$35,000 or more	21	123	123	128	87	226	209
Less than 20 percent	17	76	76	35	51	132	125
20 to 24 percent	4	5	5	73	18	33	33
25 to 29 percent	–	11	11	–	13	35	25
30 to 34 percent	–	7	7	–	5	5	5
35 percent or more	–	9	9	–	–	21	21
Not computed	–	15	15	20	–	–	–
Median	12.3	13.1	13.1	21.3	18.7	18.6	18.3

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Table 79. **Structural Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP	Halawa CDP	Hilo CDP	Honolulu CDP	Kahului CDP	Kailua CDP, Honolulu County	Kaneohe CDP	Kaneohe Station CDP	Kihei CDP
TENURE AND VACANCY STATUS									
All housing units	**3 412**	**4 094**	**14 135**	**145 796**	**5 136**	**12 225**	**10 849**	**2 030**	**6 395**
Owner occupied	2 311	2 779	8 036	63 235	2 974	8 294	7 452	–	1 961
Renter occupied	1 030	1 241	5 291	71 328	2 043	3 549	3 158	2 014	2 048
Vacant for sale only	–	20	35	400	8	50	37	–	153
Vacant for rent	50	22	362	4 201	73	99	70	–	195
Vacant for seasonal, recreational, or occasional use	7	–	75	2 970	22	71	33	–	1 813
All other vacants	14	32	336	3 662	16	162	99	16	225
Condominium housing units	**182**	**683**	**1 118**	**46 081**	**364**	**1 427**	**2 020**	**–**	**2 998**
Owner occupied	153	487	268	21 058	99	804	1 299	–	632
Renter occupied	29	196	574	18 902	243	577	655	–	544
Vacant	–	–	276	6 121	22	46	66	–	1 822
YEAR STRUCTURE BUILT									
All housing units	**3 412**	**4 094**	**14 135**	**145 796**	**5 136**	**12 225**	**10 849**	**2 030**	**6 395**
1989 to March 1990	18	20	161	1 482	38	119	180	–	609
1985 to 1988	89	764	1 029	4 614	263	660	1 168	–	858
1980 to 1984	145	209	1 292	9 759	804	751	776	163	1 244
1970 to 1979	1 394	433	4 682	42 835	1 659	2 341	2 642	579	3 105
1960 to 1969	958	1 721	2 635	39 373	1 232	3 309	3 218	402	366
1950 to 1959	545	868	1 757	24 885	937	3 511	2 210	534	110
1940 to 1949	163	44	1 181	11 821	134	1 173	463	322	71
1939 or earlier	100	35	1 398	11 027	69	361	192	30	32
Median	1969	1966	1970	1966	1971	1963	1968	1963	1978
Owner-occupied housing units	**2 311**	**2 779**	**8 036**	**63 235**	**2 974**	**8 294**	**7 452**	**–**	**1 961**
1989 to March 1990	–	4	142	336	12	42	125	–	101
1985 to 1988	50	603	660	2 184	139	367	933	–	435
1980 to 1984	41	119	884	4 481	315	382	514	–	281
1970 to 1979	1 037	173	2 448	17 354	793	1 597	1 546	–	880
1960 to 1969	699	1 195	1 456	16 155	840	2 301	2 270	–	184
1950 to 1959	385	643	1 075	11 675	749	2 570	1 647	–	52
1940 to 1949	77	28	663	5 646	99	812	337	–	28
1939 or earlier	22	14	708	5 404	27	223	80	–	–
Median	1970	1966	1970	1966	1967	1962	1967	–	1978
Renter-occupied housing units	**1 030**	**1 241**	**5 291**	**71 328**	**2 043**	**3 549**	**3 158**	**2 014**	**2 048**
1989 to March 1990	18	4	6	931	26	73	37	–	327
1985 to 1988	39	153	323	2 094	112	283	218	–	328
1980 to 1984	104	85	375	4 503	481	350	248	158	389
1970 to 1979	328	245	1 903	20 767	834	689	1 036	568	799
1960 to 1969	225	514	1 041	20 481	348	920	888	402	105
1950 to 1959	160	206	609	11 899	165	816	502	534	32
1940 to 1949	78	16	466	5 613	35	339	117	322	43
1939 or earlier	78	18	568	5 040	42	79	112	30	25
Median	1969	1967	1970	1966	1975	1966	1970	1963	1980
BEDROOMS									
All housing units	**3 412**	**4 094**	**14 135**	**145 796**	**5 136**	**12 225**	**10 849**	**2 030**	**6 395**
None	4	96	1 004	17 534	210	280	273	–	173
1	255	635	1 868	40 391	841	1 216	931	42	2 331
2	796	1 055	3 185	40 101	1 361	2 222	2 352	479	2 037
3	1 819	1 518	6 305	31 197	2 239	5 352	5 515	1 120	1 496
4	329	593	1 290	10 976	337	2 496	1 392	389	242
5 or more	209	197	483	5 597	148	659	386	–	116
Occupied housing units	**3 341**	**4 020**	**13 327**	**134 563**	**5 017**	**11 843**	**10 610**	**2 014**	**4 009**
None	4	90	830	15 583	210	259	273	–	140
1	251	624	1 776	35 536	815	1 136	908	42	979
2	774	1 035	2 946	37 470	1 309	2 142	2 262	474	1 290
3	1 774	1 489	6 076	30 070	2 198	5 217	5 415	1 115	1 253
4	329	585	1 251	10 480	337	2 447	1 370	383	231
5 or more	209	197	448	5 424	148	642	382	–	116
All housing units	**3 412**	**4 094**	**14 135**	**145 796**	**5 136**	**12 225**	**10 849**	**2 030**	**6 395**
PLUMBING FACILITIES									
Complete plumbing facilities	3 390	4 094	14 082	144 629	5 120	12 210	10 832	2 022	6 395
Lacking complete plumbing facilities	22	–	53	1 167	16	15	17	8	–
SOURCE OF WATER									
Public system or private company	3 406	4 094	14 024	145 508	5 131	12 225	10 844	2 030	6 385
Individual drilled well	6	–	8	45	–	–	–	–	–
Individual dug well	–	–	–	18	–	–	–	–	–
Some other source	–	–	103	225	5	–	5	–	10
SEWAGE DISPOSAL									
Public sewer	2 179	4 061	5 270	143 514	5 072	11 975	10 584	2 010	6 255
Septic tank or cesspool	1 224	24	8 768	1 473	46	250	255	13	140
Other means	9	9	97	809	18	–	10	7	–
SELECTED CHARACTERISTICS									
Lacking complete kitchen facilities	31	31	250	2 523	47	187	132	–	55
Median rooms	5.0	4.9	4.8	3.7	4.5	5.7	5.2	5.6	3.5
SECOND MORTGAGE OR HOME EQUITY LOAN									
Specified owner-occupied housing units	**1 965**	**2 211**	**7 307**	**38 877**	**2 721**	**7 316**	**6 123**	**–**	**1 239**
With second mortgage or home equity loan	567	751	1 164	8 569	381	2 334	1 664	–	298
No second mortgage or home equity loan	1 398	1 460	6 143	30 308	2 340	4 982	4 459	–	941
CONDOMINIUM HOUSING UNITS									
Owner-occupied condominium housing units	**153**	**487**	**268**	**21 058**	**99**	**804**	**1 299**	**–**	**632**
Median selected monthly owner costs:									
With a mortgage (dollars)	823	1 000+	674	932	685	1 000+	1 000+	–	932
Not mortgaged (dollars)	–	296	252	291	258	333	269	–	324
Median value (dollars)	124 000	200 700	91 600	203 600	70 700	212 600	198 500	–	141 500
MOBILE HOMES									
Owner-occupied mobile homes	**–**	**–**	**–**	**38**	**17**	**–**	**–**	**–**	**–**
Median selected monthly owner costs:									
With a mortgage (dollars)	–	–	–	656	750+	–	–	–	–
Not mortgaged (dollars)	–	–	–	242	–	–	–	–	–

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP	Pearl City CDP	Schofield Barracks CDP	Wahiawa CDP	Wailuku CDP	Waimalu CDP	Waipahu CDP	Waipio CDP
TENURE AND VACANCY STATUS								
All housing units	**8 900**	**8 999**	**3 556**	**5 765**	**3 837**	**10 613**	**7 739**	**4 087**
Owner occupied	6 820	6 017	17	2 657	2 007	6 662	3 884	2 846
Renter occupied	1 956	2 859	3 487	2 962	1 654	3 710	3 683	1 186
Vacant for sale only	27	7	–	10	13	16	25	28
Vacant for rent	34	49	21	69	67	156	126	18
Vacant for seasonal, recreational, or occasional use	13	4	–	9	44	9	–	–
All other vacants	50	63	31	58	52	60	21	9
Condominium housing units	**1 557**	**438**	**130**	**347**	**368**	**4 869**	**630**	**1 204**
Owner occupied	1 152	249	–	101	139	2 959	220	854
Renter occupied	363	167	130	238	201	1 752	402	341
Vacant	42	22	–	8	28	158	8	9
YEAR STRUCTURE BUILT								
All housing units	**8 900**	**8 999**	**3 556**	**5 765**	**3 837**	**10 613**	**7 739**	**4 087**
1989 to March 1990	417	35	–	35	113	126	75	46
1985 to 1988	1 343	347	54	417	282	1 203	408	1 600
1980 to 1984	1 233	755	155	286	351	2 006	780	1 504
1970 to 1979	5 125	1 775	793	655	648	5 902	2 000	621
1960 to 1969	708	4 227	713	1 208	642	701	3 163	316
1950 to 1959	62	1 440	798	1 592	654	602	958	–
1940 to 1949	5	340	549	1 003	520	28	194	–
1939 or earlier	7	80	494	569	627	45	161	–
Median	1977	1966	1959	1958	1962	1977	1968	1984
Owner-occupied housing units	**6 820**	**6 017**	**17**	**2 657**	**2 007**	**6 662**	**3 884**	**2 846**
1989 to March 1990	348	28	–	–	34	69	23	22
1985 to 1988	1 100	176	–	166	156	923	183	961
1980 to 1984	823	82	–	99	171	990	189	1 094
1970 to 1979	3 990	1 154	–	153	288	3 858	913	497
1960 to 1969	541	3 389	7	523	298	369	1 957	272
1950 to 1959	6	1 113	–	1 016	364	415	548	–
1940 to 1949	5	44	10	455	329	13	44	–
1939 or earlier	7	31	–	245	367	25	27	–
Median	1977	1965	1949	1956	1958	1977	1967	1983
Renter-occupied housing units	**1 956**	**2 859**	**3 487**	**2 962**	**1 654**	**3 710**	**3 683**	**1 186**
1989 to March 1990	69	7	–	17	47	48	52	24
1985 to 1988	226	171	54	251	120	261	225	612
1980 to 1984	402	648	155	175	163	964	564	391
1970 to 1979	1 041	588	779	491	314	1 926	1 060	124
1960 to 1969	162	790	686	671	327	299	1 112	35
1950 to 1959	56	310	780	543	276	182	403	–
1940 to 1949	–	296	539	535	164	15	142	–
1939 or earlier	–	49	494	279	243	15	125	–
Median	1977	1970	1959	1962	1964	1977	1971	1985
BEDROOMS								
All housing units	**8 900**	**8 999**	**3 556**	**5 765**	**3 837**	**10 613**	**7 739**	**4 087**
None	67	375	26	303	164	419	150	203
1	567	548	118	1 032	907	1 582	1 089	539
2	2 151	1 543	1 086	1 731	809	3 285	2 365	1 627
3	3 913	4 777	1 676	1 864	1 389	3 955	2 812	1 445
4	1 949	1 364	571	601	389	1 019	719	236
5 or more	253	392	79	234	179	353	604	37
Occupied housing units	**8 776**	**8 876**	**3 504**	**5 619**	**3 661**	**10 372**	**7 567**	**4 032**
None	67	356	26	296	144	405	150	194
1	563	542	118	1 005	851	1 545	1 074	539
2	2 087	1 519	1 069	1 686	792	3 179	2 275	1 599
3	3 873	4 711	1 641	1 812	1 327	3 877	2 745	1 427
4	1 937	1 359	571	596	368	1 015	719	236
5 or more	249	389	79	224	179	351	604	37
All housing units	**8 900**	**8 999**	**3 556**	**5 765**	**3 837**	**10 613**	**7 739**	**4 087**
PLUMBING FACILITIES								
Complete plumbing facilities	8 890	8 970	3 536	5 722	3 799	10 588	7 703	4 071
Lacking complete plumbing facilities	10	29	20	43	38	25	36	16
SOURCE OF WATER								
Public system or private company	8 885	8 993	3 556	5 765	3 837	10 596	7 739	4 087
Individual drilled well	7	6	–	–	–	17	–	–
Individual dug well	–	–	–	–	–	–	–	–
Some other source	8	–	–	–	–	–	–	–
SEWAGE DISPOSAL								
Public sewer	8 886	8 892	3 460	5 686	3 554	10 568	7 615	4 054
Septic tank or cesspool	6	76	41	56	271	31	82	15
Other means	8	31	55	23	12	14	42	18
SELECTED CHARACTERISTICS								
Lacking complete kitchen facilities	18	83	20	56	44	28	25	8
Median rooms	5.5	5.4	5.1	4.3	4.6	4.4	4.5	4.3
SECOND MORTGAGE OR HOME EQUITY LOAN								
Specified owner-occupied housing units	**5 667**	**5 646**	**–**	**2 416**	**1 726**	**4 070**	**3 431**	**1 854**
With second mortgage or home equity loan	1 793	1 922	–	501	205	1 396	981	524
No second mortgage or home equity loan	3 874	3 724	–	1 915	1 521	2 674	2 450	1 330
CONDOMINIUM HOUSING UNITS								
Owner-occupied condominium housing units	**1 152**	**249**	**–**	**101**	**139**	**2 959**	**220**	**854**
Median selected monthly owner costs:								
With a mortgage (dollars)	1 000+	786	–	1 000+	754	1 000+	724	1 000+
Not mortgaged (dollars)	259	–	–	325	209	240	145	–
Median value (dollars)	188 300	99 800	–	168 900	121 100	207 300	99 700	196 100
MOBILE HOMES								
Owner-occupied mobile homes	**7**	**–**	**–**	**–**	**–**	**–**	**6**	**–**
Median selected monthly owner costs:								
With a mortgage (dollars)	750+	–	–	–	–	–	–	–
Not mortgaged (dollars)	–	–	–	–	–	–	175	–

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Table 80. **Fuel, Occupancy, and Social Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP	Halawa CDP	Hilo CDP	Honolulu CDP	Kahului CDP	Kailua CDP, Honolulu County	Kaneohe CDP	Kaneohe Station CDP	Kihei CDP
Occupied housing units	**3 341**	**4 020**	**13 327**	**134 563**	**5 017**	**11 843**	**10 610**	**2 014**	**4 009**
HOUSE HEATING FUEL									
Utility gas	3	261	462	7 381	93	279	210	22	26
Bottled, tank, or LP gas	21	54	509	1 005	158	39	132	–	49
Electricity	1 564	1 656	4 951	55 929	2 537	3 444	3 881	634	850
Fuel oil, kerosene, etc.	–	–	65	119	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	4	50	59	–	4	17	–	–
Solar energy	76	58	94	1 435	317	159	119	–	105
Other fuel	–	–	–	55	–	–	4	–	23
No fuel used	1 677	1 987	7 196	68 580	1 912	7 918	6 247	1 358	2 956
VEHICLES AVAILABLE									
None	119	266	1 366	23 160	427	376	465	18	138
1	853	1 171	4 827	57 109	1 408	3 207	2 988	1 180	1 404
2	1 204	1 570	4 958	36 837	1 747	5 181	4 592	766	1 594
3	742	642	1 571	11 754	915	2 122	1 538	50	574
4	350	276	440	3 888	299	635	688	–	250
5 or more	73	95	165	1 815	221	322	339	–	49
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**2 311**	**2 779**	**8 036**	**63 235**	**2 974**	**8 294**	**7 452**	**–**	**1 961**
1989 to March 1990	119	259	457	4 948	58	737	645	–	419
1985 to 1988	399	730	1 434	13 267	380	1 842	1 923	–	854
1980 to 1984	321	268	1 080	7 541	371	945	841	–	289
1970 to 1979	1 094	557	2 234	14 520	823	2 179	1 361	–	315
1960 to 1969	276	720	1 284	10 396	800	1 482	1 804	–	52
1959 or earlier	102	245	1 547	12 563	542	1 109	878	–	32
Renter-occupied housing units	**1 030**	**1 241**	**5 291**	**71 328**	**2 043**	**3 549**	**3 158**	**2 014**	**2 048**
1989 to March 1990	351	500	1 978	23 605	619	1 832	1 353	958	1 300
1985 to 1988	445	429	1 930	25 511	697	1 145	984	1 031	630
1980 to 1984	182	140	740	10 654	431	319	469	15	87
1970 to 1979	47	142	389	7 814	196	192	260	10	26
1960 to 1969	–	25	181	2 470	74	38	66	–	–
1959 or earlier	5	5	73	1 274	26	23	26	–	5
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**2 311**	**2 779**	**8 036**	**63 235**	**2 974**	**8 294**	**7 452**	**–**	**1 961**
Lacking complete plumbing facilities	–	–	25	153	11	8	12	–	–
1.00 or less	–	–	25	127	11	8	12	–	–
1.01 or more	–	–	–	26	–	–	–	–	–
Renter-occupied housing units	**1 030**	**1 241**	**5 291**	**71 328**	**2 043**	**3 549**	**3 158**	**2 014**	**2 048**
Lacking complete plumbing facilities	22	–	21	709	5	7	5	8	–
1.00 or less	9	–	21	408	5	7	5	8	–
1.01 or more	13	–	–	301	–	–	–	–	–
TELEPHONE IN UNIT									
Telephone in unit	3 308	3 970	12 798	131 100	4 950	11 737	10 557	1 992	3 937
No telephone in unit	33	50	529	3 463	67	106	53	22	72
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**414**	**770**	**3 536**	**35 446**	**1 619**	**2 168**	**2 001**	**–**	**534**
Owner occupied	364	613	2 737	22 946	1 133	1 929	1 526	–	404
1-person households	56	116	1 217	12 097	542	417	488	–	221
Built 1939 or earlier	22	–	586	4 397	39	122	64	–	11
Mean household income in 1989 (dollars)	38 106	43 007	29 702	43 329	31 773	50 066	42 024	–	42 168
Female householder, no husband present	94	195	1 289	12 459	541	662	578	–	193
Lacking complete plumbing facilities	–	–	3	192	11	–	5	–	–
No vehicle available	51	77	704	10 328	308	155	295	–	38
No telephone in unit	–	19	71	782	11	8	20	–	11
1-person households	–	5	71	647	11	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**129**	**40**	**460**	**1 998**	**99**	**153**	**113**	**–**	**50**
Married-couple families	22	5	159	490	23	56	40	–	21
With own children under 18 years	13	–	59	88	7	24	8	–	–
Families with female householder	49	17	65	205	16	20	14	–	29
With own children under 18 years	24	–	31	97	4	4	–	–	29
Householder 65 years and over	11	22	182	851	79	79	19	–	6
Householder worked in 1989	43	6	152	573	11	37	49	–	29
With public assistance income	25	–	81	117	15	21	–	–	–
With Social Security income	10	–	208	649	90	80	32	–	6
Mean household income deficit in 1989 (dollars)	4 558	3 844	3 849	4 506	2 052	4 146	4 261	–	4 998
Built 1939 or earlier	–	–	44	208	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	11	–	–	–	–	–
No vehicle available	21	6	94	639	28	6	5	–	9
No telephone in unit	–	–	15	72	–	–	–	–	–
1.01 or more persons per room	23	–	58	172	10	22	–	–	9
Renter-occupied housing units	**76**	**205**	**1 565**	**9 830**	**340**	**257**	**275**	**84**	**245**
Married-couple families	34	95	233	2 004	62	84	70	67	32
With own children under 18 years	25	80	171	1 164	25	42	65	67	27
Families with female householder	38	67	578	1 784	104	64	100	10	94
With own children under 18 years	38	51	557	1 440	104	64	96	10	94
Householder 65 years and over	–	53	287	2 779	160	40	48	–	11
Householder worked in 1989	33	71	524	3 837	76	109	145	60	166
With public assistance income	42	92	739	2 777	127	73	82	–	119
With Social Security income	4	55	391	2 291	136	55	43	–	11
Mean household income deficit in 1989 (dollars)	5 537	5 172	3 917	4 019	3 296	3 955	4 016	4 889	4 221
Built 1939 or earlier	–	–	152	652	13	16	13	–	–
Lacking complete plumbing facilities	6	–	21	261	–	–	5	–	–
No vehicle available	6	97	530	5 465	188	75	59	–	24
No telephone in unit	16	29	245	1 069	4	41	13	–	19
1.01 or more persons per room	34	72	308	2 594	58	24	74	11	65

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Table 80. **Fuel, Occupancy, and Social Characteristics: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP	Pearl City CDP	Schofield Barracks CDP	Wahiawa CDP	Wailuku CDP	Waimalu CDP	Waipahu CDP	Waipio CDP
Occupied housing units	**8 776**	**8 876**	**3 504**	**5 619**	**3 661**	**10 372**	**7 567**	**4 032**
HOUSE HEATING FUEL								
Utility gas	39	5	118	96	38	229	170	740
Bottled, tank, or LP gas	–	42	10	90	184	47	88	53
Electricity	3 810	3 834	1 255	3 281	1 457	4 551	4 755	924
Fuel oil, kerosene, etc.	–	–	4	6	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	–	–	–	19	15	7	–	–
Solar energy	283	253	–	31	124	124	119	79
Other fuel	–	–	–	–	–	–	–	–
No fuel used	4 644	4 742	2 117	2 096	1 843	5 414	2 435	2 236
VEHICLES AVAILABLE								
None	121	313	40	775	202	395	794	49
1	1 802	2 206	2 012	2 023	1 404	3 502	2 359	1 339
2	4 960	3 274	1 355	1 685	1 285	4 542	2 367	1 932
3	1 382	1 922	85	690	467	1 325	1 169	568
4	407	826	12	345	204	417	565	100
5 or more	104	335	–	101	99	191	313	44
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**6 820**	**6 017**	**17**	**2 657**	**2 007**	**6 662**	**3 884**	**2 846**
1989 to March 1990	1 031	176	7	159	111	905	243	360
1985 to 1988	2 106	517	10	371	337	2 328	623	1 297
1980 to 1984	970	373	–	199	192	1 087	361	715
1970 to 1979	2 489	1 988	–	455	308	1 910	994	331
1960 to 1969	224	2 161	–	613	351	164	1 372	143
1959 or earlier	–	802	–	860	708	268	291	–
Renter-occupied housing units	**1 956**	**2 859**	**3 487**	**2 962**	**1 654**	**3 710**	**3 683**	**1 186**
1989 to March 1990	1 102	1 257	1 753	1 109	445	2 098	1 369	865
1985 to 1988	757	1 234	1 725	1 003	691	1 257	1 448	303
1980 to 1984	37	172	9	358	290	156	625	7
1970 to 1979	53	175	–	363	105	150	184	11
1960 to 1969	7	12	–	83	87	18	53	–
1959 or earlier	–	9	–	46	36	31	4	–
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**6 820**	**6 017**	**17**	**2 657**	**2 007**	**6 662**	**3 884**	**2 846**
Lacking complete plumbing facilities	–	4	–	28	5	17	14	16
1.00 or less	–	4	–	28	5	13	–	16
1.01 or more	–	–	–	–	–	4	14	–
Renter-occupied housing units	**1 956**	**2 859**	**3 487**	**2 962**	**1 654**	**3 710**	**3 683**	**1 186**
Lacking complete plumbing facilities	10	18	20	5	33	8	22	–
1.00 or less	10	–	11	–	18	8	–	–
1.01 or more	–	18	9	5	15	–	22	–
TELEPHONE IN UNIT								
Telephone in unit	8 726	8 818	3 479	5 422	3 534	10 286	7 271	4 020
No telephone in unit	50	58	25	197	127	86	296	12
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**482**	**1 384**	**–**	**1 449**	**1 122**	**870**	**1 440**	**104**
Owner occupied	442	1 206	–	1 108	903	712	1 097	89
1-person households	97	188	–	346	372	174	267	7
Built 1939 or earlier	–	19	–	228	286	6	25	–
Mean household income in 1989 (dollars)	42 126	44 673	–	37 549	35 854	54 485	41 505	46 579
Female householder, no husband present	99	207	–	443	365	170	284	17
Lacking complete plumbing facilities	–	4	–	21	–	–	7	–
No vehicle available	44	155	–	324	136	93	230	3
No telephone in unit	10	–	–	35	15	3	32	–
1-person households	10	–	–	35	15	–	27	–
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**82**	**77**	**–**	**96**	**24**	**36**	**112**	**25**
Married-couple families	42	24	–	32	17	15	53	7
With own children under 18 years	24	7	–	10	5	15	13	–
Families with female householder	5	21	–	13	–	12	5	–
With own children under 18 years	5	21	–	7	–	12	–	–
Householder 65 years and over	12	22	–	56	7	9	51	3
Householder worked in 1989	63	47	–	14	9	19	49	7
With public assistance income	12	6	–	–	–	12	6	3
With Social Security income	12	10	–	46	15	21	65	9
Mean household income deficit in 1989 (dollars)	3 211	6 301	–	3 876	2 038	5 804	2 277	3 757
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	13	–	44	7	–	17	3
No telephone in unit	–	–	–	11	8	–	5	–
1.01 or more persons per room	6	28	–	–	5	7	48	–
Renter-occupied housing units	**56**	**202**	**245**	**595**	**135**	**267**	**965**	**44**
Married-couple families	16	85	245	124	32	29	262	17
With own children under 18 years	16	57	240	84	32	29	248	–
Families with female householder	29	43	–	316	44	72	473	–
With own children under 18 years	29	43	–	302	44	60	436	–
Householder 65 years and over	4	55	–	84	12	30	92	–
Householder worked in 1989	30	62	216	265	74	80	415	35
With public assistance income	14	50	35	378	27	43	545	–
With Social Security income	15	61	6	113	21	82	86	–
Mean household income deficit in 1989 (dollars)	4 767	3 260	2 633	3 960	3 441	4 635	4 448	3 598
Built 1939 or earlier	–	–	–	58	–	–	–	–
Lacking complete plumbing facilities	–	–	16	–	–	–	4	–
No vehicle available	11	71	14	233	21	65	463	–
No telephone in unit	3	14	7	76	8	15	159	–
1.01 or more persons per room	14	56	58	185	22	69	394	8

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 81. **Financial Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP	Halawa CDP	Hilo CDP	Honolulu CDP	Kahului CDP	Kailua CDP, Honolulu County	Kaneohe CDP	Kaneohe Station CDP	Kihei CDP
HOUSEHOLD INCOME IN 1989									
Occupied housing units	**3 341**	**4 020**	**13 327**	**134 563**	**5 017**	**11 843**	**10 610**	**2 014**	**4 009**
Median income (dollars)	45 489	47 369	29 391	37 069	37 898	54 128	49 888	26 924	40 445
Owner occupied	2 311	2 779	8 036	63 235	2 974	8 294	7 452	–	1 961
Median income (dollars)	51 236	53 921	39 222	52 525	45 595	62 397	56 050	–	45 899
Renter occupied	1 030	1 241	5 291	71 328	2 043	3 549	3 158	2 014	2 048
Median income (dollars)	37 381	30 993	17 343	27 076	26 602	35 332	31 946	26 924	35 737
Specified owner-occupied housing units	**1 965**	**2 211**	**7 307**	**38 877**	**2 721**	**7 316**	**6 123**	**–**	**1 239**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	1 759	1 878	4 525	23 658	1 585	5 648	4 823	–	1 055
Less than $200	16	9	70	168	40	6	11	–	–
$200 to $299	120	83	214	495	125	78	253	–	13
$300 to $399	125	140	496	1 015	158	280	302	–	21
$400 to $499	177	110	422	1 216	103	313	294	–	10
$500 to $599	108	117	609	1 574	85	240	205	–	58
$600 to $699	75	89	487	1 344	126	275	281	–	23
$700 to $799	99	138	566	1 346	189	323	246	–	67
$800 to $899	141	82	505	1 211	135	280	345	–	64
$900 to $999	182	68	288	1 329	110	268	361	–	38
$1,000 to $1,249	311	341	488	2 798	199	777	875	–	193
$1,250 to $1,499	248	253	212	2 837	174	696	588	–	225
$1,500 to $1,999	132	266	118	3 835	92	1 060	806	–	208
$2,000 or more	25	182	50	4 490	49	1 052	256	–	135
Median (dollars)	910	1 076	691	1 190	776	1 245	1 032	–	1 295
Mean (dollars)	924	1 112	744	1 404	855	1 370	1 077	–	1 388
Not mortgaged	206	333	2 782	15 219	1 136	1 668	1 300	–	184
Less than $100	5	–	601	494	106	61	31	–	–
$100 to $199	177	205	1 817	7 459	774	798	822	–	72
$200 to $299	8	98	308	5 109	195	558	331	–	93
$300 to $399	–	25	43	1 321	49	123	68	–	7
$400 to $499	16	5	13	372	–	68	38	–	–
$500 or more	–	–	–	464	12	60	10	–	12
Median (dollars)	149	188	136	196	158	197	180	–	216
Mean (dollars)	169	201	143	222	170	221	197	–	241
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
With a mortgage	1 759	1 878	4 525	23 658	1 585	5 648	4 823	–	1 055
Less than 10 percent	250	304	712	3 796	323	705	728	–	55
10 to 14 percent	262	299	849	3 901	318	792	739	–	95
15 to 19 percent	371	275	977	4 017	303	874	786	–	131
20 to 24 percent	248	230	635	3 033	224	843	820	–	143
25 to 29 percent	182	249	425	2 516	147	697	554	–	192
30 to 34 percent	130	156	276	1 987	73	508	497	–	113
35 percent or more	316	353	636	4 325	197	1 201	699	–	317
Not computed	–	12	15	83	–	28	–	–	9
Median	20.0	21.2	18.6	20.1	17.5	22.6	21.0	–	27.6
Not mortgaged	206	333	2 782	15 219	1 136	1 668	1 300	–	184
Less than 10 percent	132	252	2 005	11 461	809	1 296	1 085	–	123
10 to 14 percent	11	49	433	1 795	108	168	96	–	20
15 to 19 percent	18	22	144	744	69	109	41	–	–
20 to 24 percent	15	5	67	382	88	35	7	–	23
25 to 29 percent	10	–	45	228	30	8	6	–	–
30 to 34 percent	20	–	12	121	–	–	13	–	–
35 percent or more	–	–	62	394	32	52	42	–	18
Not computed	–	5	14	94	–	–	10	–	–
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	–	10.0–
Specified renter-occupied housing units	**1 023**	**1 241**	**5 228**	**71 149**	**2 012**	**3 544**	**3 140**	**1 965**	**2 048**
GROSS RENT									
Less than $100	–	5	66	807	58	–	12	–	–
$100 to $149	–	55	327	1 498	78	–	52	–	–
$150 to $199	–	36	276	1 488	114	13	5	–	–
$200 to $249	–	57	231	1 398	79	43	26	–	–
$250 to $299	27	27	338	2 386	36	4	104	8	17
$300 to $349	23	79	544	2 780	76	10	94	30	3
$350 to $399	36	44	579	2 990	53	51	107	106	32
$400 to $449	46	93	481	3 687	68	42	111	124	7
$450 to $499	27	49	535	4 179	81	106	129	92	107
$500 to $549	46	27	333	5 152	138	93	103	21	75
$550 to $599	30	22	355	4 513	169	139	41	–	45
$600 to $649	81	4	274	4 410	119	179	98	14	132
$650 to $699	75	25	192	5 028	111	232	138	5	75
$700 to $749	99	19	130	4 585	101	296	122	63	181
$750 to $999	378	263	322	12 659	328	909	892	185	661
$1,000 or more	126	292	73	8 289	171	1 268	927	42	611
No cash rent	29	144	172	5 300	232	159	179	1 275	102
Median (dollars)	755	756	420	623	582	883	845	491	863
Mean (dollars)	791	754	440	662	589	951	859	624	916

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Table 81. **Financial Characteristics: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP	Pearl City CDP	Schofield Barracks CDP	Wahiawa CDP	Wailuku CDP	Waimalu CDP	Waipahu CDP	Waipio CDP
HOUSEHOLD INCOME IN 1989								
Occupied housing units	**8 776**	**8 876**	**3 504**	**5 619**	**3 661**	**10 372**	**7 567**	**4 032**
Median income (dollars)	54 946	51 253	24 699	32 822	37 834	51 505	38 192	51 013
Owner occupied	6 820	6 017	17	2 657	2 007	6 662	3 884	2 846
Median income (dollars)	58 597	61 126	35 375	49 632	47 713	58 524	54 231	55 000
Renter occupied	1 956	2 859	3 487	2 962	1 654	3 710	3 683	1 186
Median income (dollars)	40 148	29 690	24 619	21 950	29 375	36 991	24 294	38 380
Specified owner-occupied housing units	**5 667**	**5 646**	**–**	**2 416**	**1 726**	**4 070**	**3 431**	**1 854**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	5 479	4 446	–	1 346	798	3 649	2 649	1 777
Less than $200	–	18	–	28	6	13	26	–
$200 to $299	29	190	–	81	50	19	161	15
$300 to $399	86	491	–	65	56	50	235	45
$400 to $499	239	409	–	72	46	95	168	50
$500 to $599	203	436	–	77	45	112	175	26
$600 to $699	240	314	–	104	55	145	204	18
$700 to $799	235	393	–	98	64	228	197	70
$800 to $899	267	306	–	48	34	172	142	65
$900 to $999	243	263	–	131	75	231	170	115
$1,000 to $1,249	976	606	–	167	129	665	423	266
$1,250 to $1,499	1 282	478	–	187	51	592	288	555
$1,500 to $1,999	1 162	422	–	208	129	746	347	429
$2,000 or more	517	120	–	80	58	581	113	123
Median (dollars)	1 293	793	–	942	950	1 290	907	1 348
Mean (dollars)	1 292	905	–	1 040	1 102	1 421	976	1 316
Not mortgaged	188	1 200	–	1 070	928	421	782	77
Less than $100	15	39	–	88	187	21	66	–
$100 to $199	110	910	–	769	517	274	534	33
$200 to $299	36	216	–	190	194	111	159	22
$300 to $399	27	35	–	23	15	8	15	9
$400 to $499	–	–	–	–	15	7	–	–
$500 or more	–	–	–	–	–	–	8	13
Median (dollars)	180	168	–	146	152	170	163	217
Mean (dollars)	194	172	–	158	161	181	169	258
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
With a mortgage	5 479	4 446	–	1 346	798	3 649	2 649	1 777
Less than 10 percent	333	1 113	–	206	140	287	552	89
10 to 14 percent	673	1 094	–	235	182	560	523	168
15 to 19 percent	769	751	–	237	146	510	352	205
20 to 24 percent	900	438	–	202	112	619	276	418
25 to 29 percent	945	376	–	141	73	559	274	306
30 to 34 percent	666	217	–	76	15	394	193	192
35 percent or more	1 193	457	–	245	130	720	479	399
Not computed	–	–	–	4	–	–	–	–
Median	25.3	15.1	–	19.9	17.6	23.8	18.5	25.1
Not mortgaged	188	1 200	–	1 070	928	421	782	77
Less than 10 percent	154	1 058	–	854	699	319	602	55
10 to 14 percent	11	78	–	94	152	48	74	9
15 to 19 percent	16	43	–	27	41	21	56	13
20 to 24 percent	7	10	–	31	18	33	16	–
25 to 29 percent	–	–	–	25	6	–	6	–
30 to 34 percent	–	5	–	13	–	–	15	–
35 percent or more	–	–	–	16	12	–	13	–
Not computed	–	6	–	10	–	–	–	–
Median	10.0–	10.0–	–	10.0–	10.0–	10.0–	10.0–	10.0–
Specified renter-occupied housing units	**1 951**	**2 859**	**3 450**	**2 949**	**1 648**	**3 700**	**3 649**	**1 186**
GROSS RENT								
Less than $100	–	14	6	44	16	–	65	–
$100 to $149	–	27	–	64	29	–	122	–
$150 to $199	12	43	–	92	41	9	111	–
$200 to $249	9	11	–	53	19	–	65	–
$250 to $299	6	19	–	120	19	28	70	8
$300 to $349	11	31	255	128	80	14	96	–
$350 to $399	33	30	559	155	158	28	116	8
$400 to $449	59	75	337	241	162	48	180	8
$450 to $499	122	50	166	254	98	67	173	–
$500 to $549	17	88	53	221	106	78	223	–
$550 to $599	5	173	29	257	99	114	407	18
$600 to $649	7	140	22	174	140	80	450	–
$650 to $699	33	250	22	252	139	203	373	68
$700 to $749	–	190	27	141	30	229	350	33
$750 to $999	573	750	142	560	222	1 715	472	764
$1,000 or more	1 040	408	67	92	120	993	288	279
No cash rent	24	560	1 765	101	170	94	88	–
Median (dollars)	1 074	753	402	560	556	882	617	897
Mean (dollars)	1 069	794	482	571	592	934	621	965

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Table 82. **Household Income Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP	Halawa CDP	Hilo CDP	Honolulu CDP	Kahului CDP	Kailua CDP, Honolulu County	Kaneohe CDP	Kaneohe Station CDP	Kihei CDP
Specified owner-occupied housing units	**1 965**	**2 211**	**7 307**	**38 877**	**2 721**	**7 316**	**6 123**	**–**	**1 239**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	1 965	2 211	7 307	38 877	2 721	7 316	6 123	–	1 239
Less than 10 percent	382	556	2 717	15 257	1 132	2 001	1 813	–	178
10 to 14 percent	273	348	1 282	5 696	426	960	835	–	115
15 to 19 percent	389	297	1 121	4 761	372	983	827	–	131
20 to 24 percent	263	235	702	3 415	312	878	827	–	166
25 to 29 percent	192	249	470	2 744	177	705	560	–	192
30 to 34 percent	150	156	288	2 108	73	508	510	–	113
35 to 49 percent	156	249	358	2 690	153	843	497	–	87
50 percent or more	160	104	340	2 029	76	410	244	–	248
Not computed	–	17	29	177	–	28	10	–	9
Median	19.2	18.2	13.6	13.6	12.7	18.5	17.5	–	25.7
Less than $20,000	201	121	1 429	3 778	408	521	378	–	184
Less than 20 percent	34	47	770	1 736	219	222	155	–	–
20 to 24 percent	23	–	86	373	88	35	36	–	47
25 to 29 percent	14	5	90	232	43	14	13	–	5
30 to 34 percent	25	–	53	188	–	15	26	–	–
35 percent or more	105	52	401	1 093	58	207	138	–	123
Not computed	–	17	29	156	–	28	10	–	9
Median	36.0	32.5	18.1	21.0	19.1	23.5	24.0	–	50.0+
$20,000 to $34,999	289	348	1 734	4 919	491	795	847	–	159
Less than 20 percent	132	130	1 111	3 291	372	431	479	–	75
20 to 24 percent	9	17	143	283	27	34	47	–	–
25 to 29 percent	29	63	121	201	38	72	77	–	–
30 to 34 percent	11	12	118	175	6	35	73	–	–
35 percent or more	108	126	241	960	48	223	171	–	84
Not computed	–	–	–	9	–	–	–	–	–
Median	25.6	27.1	12.1	11.6	10.0–	18.4	16.3	–	44.1
$35,000 to $49,999	374	431	1 529	6 249	631	1 108	1 119	–	232
Less than 20 percent	131	206	1 034	4 276	372	567	472	–	60
20 to 24 percent	55	44	236	404	75	86	110	–	19
25 to 29 percent	64	44	120	315	51	73	158	–	38
30 to 34 percent	41	62	92	373	35	117	172	–	45
35 percent or more	83	75	47	881	98	265	207	–	70
Not computed	–	–	–	–	–	–	–	–	–
Median	25.1	21.1	15.6	11.3	13.3	19.4	24.0	–	29.9
$50,000 or more	1 101	1 311	2 615	23 931	1 191	4 892	3 779	–	664
Less than 20 percent	747	818	2 205	16 411	967	2 724	2 369	–	289
20 to 24 percent	176	174	237	2 355	122	723	634	–	100
25 to 29 percent	85	137	139	1 996	45	546	312	–	149
30 to 34 percent	73	82	25	1 372	32	341	239	–	68
35 percent or more	20	100	9	1 785	25	558	225	–	58
Not computed	–	–	–	12	–	–	–	–	–
Median	16.4	16.1	11.5	13.2	10.9	18.0	16.2	–	22.1
Specified renter-occupied housing units	**1 023**	**1 241**	**5 228**	**71 149**	**2 012**	**3 544**	**3 140**	**1 965**	**2 048**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	1 023	1 241	5 228	71 149	2 012	3 544	3 140	1 965	2 048
Less than 10 percent	58	61	254	3 182	92	56	121	5	72
10 to 14 percent	96	95	689	6 906	157	278	215	81	109
15 to 19 percent	188	158	554	9 662	339	346	370	149	242
20 to 24 percent	71	151	715	9 256	300	475	407	96	294
25 to 29 percent	134	144	557	8 481	292	463	353	56	224
30 to 34 percent	134	143	396	6 238	114	318	268	70	204
35 to 49 percent	151	181	707	9 103	264	657	592	125	368
50 percent or more	156	164	1 102	11 691	190	768	631	98	419
Not computed	35	144	254	6 630	264	183	183	1 285	116
Median	28.0	27.9	27.5	26.9	24.8	31.0	30.2	25.8	30.6
Less than $10,000	42	170	1 635	11 129	423	266	266	24	214
Less than 20 percent	–	–	42	446	36	–	–	–	–
20 to 24 percent	–	9	101	509	27	–	5	–	–
25 to 29 percent	–	31	152	913	72	6	27	–	–
30 to 34 percent	–	17	104	522	27	–	20	–	–
35 percent or more	31	99	1 099	6 949	181	225	194	14	181
Not computed	11	14	137	1 790	80	35	20	10	33
Median	50.0+	50.0+	50.0+	50.0+	36.9	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	133	202	1 251	13 849	303	566	496	515	204
Less than 20 percent	–	38	153	879	39	4	13	–	–
20 to 24 percent	–	5	80	924	24	–	9	12	–
25 to 29 percent	11	20	167	1 328	58	14	51	14	–
30 to 34 percent	5	35	166	1 388	12	6	31	23	8
35 percent or more	117	75	631	8 093	131	471	354	71	188
Not computed	–	29	54	1 237	39	71	38	395	8
Median	50.0+	33.4	36.0	41.7	34.6	50.0+	47.8	43.5	50.0+
$20,000 to $34,999	253	347	1 265	20 031	537	914	992	957	578
Less than 20 percent	44	80	475	3 616	69	53	130	111	36
20 to 24 percent	9	56	395	3 046	101	87	79	64	62
25 to 29 percent	24	5	180	3 582	117	119	61	42	76
30 to 34 percent	42	33	108	3 074	48	161	120	34	73
35 percent or more	134	100	71	4 897	119	450	567	129	291
Not computed	–	73	36	1 816	83	44	35	577	40
Median	35.5	26.0	21.8	28.4	27.4	35.8	41.0	26.8	36.2
$35,000 or more	595	522	1 077	26 140	749	1 798	1 386	469	1 052
Less than 20 percent	298	196	827	14 809	444	623	563	124	387
20 to 24 percent	62	81	139	4 777	148	388	314	20	232
25 to 29 percent	99	88	58	2 658	45	324	214	–	148
30 to 34 percent	87	58	18	1 254	27	151	97	13	123
35 percent or more	25	71	8	855	23	279	108	9	127
Not computed	24	28	27	1 787	62	33	90	303	35
Median	19.6	23.1	13.6	18.0	17.9	23.3	21.4	14.8	22.6

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[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP	Pearl City CDP	Schofield Barracks CDP	Wahiawa CDP	Wailuku CDP	Waimalu CDP	Waipahu CDP	Waipio CDP
Specified owner-occupied housing units	**5 667**	**5 646**	**–**	**2 416**	**1 726**	**4 070**	**3 431**	**1 854**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	5 667	5 646	–	2 416	1 726	4 070	3 431	1 854
Less than 10 percent	487	2 171	–	1 060	839	606	1 154	144
10 to 14 percent	684	1 172	–	329	334	608	597	177
15 to 19 percent	785	794	–	264	187	531	408	218
20 to 24 percent	907	448	–	233	130	652	292	418
25 to 29 percent	945	376	–	166	79	559	280	306
30 to 34 percent	666	222	–	89	15	394	208	192
35 to 49 percent	867	266	–	146	106	510	284	263
50 percent or more	326	191	–	115	36	210	208	136
Not computed	–	6	–	14	–	–	–	–
Median	24.8	12.8	–	12.1	10.4	22.2	14.7	24.6
Less than $20,000	132	255	–	319	284	176	376	60
Less than 20 percent	6	118	–	153	235	100	140	3
20 to 24 percent	7	23	–	35	18	39	35	–
25 to 29 percent	–	9	–	32	6	–	17	–
30 to 34 percent	–	11	–	13	–	–	31	–
35 percent or more	119	88	–	72	25	37	153	57
Not computed	–	6	–	14	–	–	–	–
Median	50.0+	21.4	–	19.9	12.6	17.1	28.8	50.0+
$20,000 to $34,999	396	672	–	375	281	315	433	113
Less than 20 percent	78	473	–	280	249	60	274	35
20 to 24 percent	33	15	–	21	11	20	34	14
25 to 29 percent	21	29	–	6	–	46	26	10
30 to 34 percent	32	30	–	6	–	49	13	8
35 percent or more	232	125	–	62	21	140	86	46
Not computed	–	–	–	–	–	–	–	–
Median	39.0	12.5	–	10.0–	10.0–	33.2	12.8	28.8
$35,000 to $49,999	1 086	868	–	536	294	568	637	274
Less than 20 percent	239	517	–	361	178	112	317	38
20 to 24 percent	75	63	–	49	25	64	29	32
25 to 29 percent	118	81	–	24	24	67	46	28
30 to 34 percent	200	56	–	37	9	123	65	32
35 percent or more	454	151	–	65	58	202	180	144
Not computed	–	–	–	–	–	–	–	–
Median	32.8	15.1	–	10.0–	10.0–	31.7	20.3	35.8
$50,000 or more	4 053	3 851	–	1 186	867	3 011	1 985	1 407
Less than 20 percent	1 633	3 029	–	859	698	1 473	1 428	463
20 to 24 percent	792	347	–	128	76	529	194	372
25 to 29 percent	806	257	–	104	49	446	191	268
30 to 34 percent	434	125	–	33	6	222	99	152
35 percent or more	388	93	–	62	38	341	73	152
Not computed	–	–	–	–	–	–	–	–
Median	22.5	12.0	–	11.9	10.4	20.3	13.2	23.2
Specified renter-occupied housing units	**1 951**	**2 859**	**3 450**	**2 949**	**1 648**	**3 700**	**3 649**	**1 186**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	1 951	2 859	3 450	2 949	1 648	3 700	3 649	1 186
Less than 10 percent	–	29	94	166	108	45	122	8
10 to 14 percent	101	136	314	256	182	288	368	10
15 to 19 percent	143	359	387	392	249	508	465	142
20 to 24 percent	290	221	151	328	264	508	530	203
25 to 29 percent	387	381	305	297	211	493	398	192
30 to 34 percent	252	276	221	237	148	298	269	118
35 to 49 percent	399	507	171	522	145	696	584	311
50 percent or more	355	379	42	626	158	724	760	202
Not computed	24	571	1 765	125	183	140	153	–
Median	30.8	30.3	21.6	29.5	23.7	29.4	28.3	31.6
Less than $10,000	35	182	27	566	174	149	759	33
Less than 20 percent	–	–	–	32	–	–	54	–
20 to 24 percent	4	14	–	31	9	–	70	–
25 to 29 percent	3	48	–	29	23	9	70	–
30 to 34 percent	–	7	–	12	–	–	–	–
35 percent or more	25	98	12	395	109	84	493	33
Not computed	3	15	15	67	33	56	72	–
Median	50.0+	42.9	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	211	631	1 137	823	288	553	813	117
Less than 20 percent	6	6	–	66	23	–	30	–
20 to 24 percent	6	5	21	40	43	–	42	–
25 to 29 percent	12	17	213	86	48	–	48	–
30 to 34 percent	31	22	154	86	–	10	71	–
35 percent or more	156	447	129	545	134	512	608	117
Not computed	–	134	620	–	40	31	14	–
Median	50.0+	50.0+	30.8	41.7	36.7	50.0+	45.6	50.0+
$20,000 to $34,999	520	892	1 495	789	513	1 024	868	369
Less than 20 percent	28	36	438	196	112	67	77	8
20 to 24 percent	50	43	118	154	117	27	204	–
25 to 29 percent	58	158	28	111	63	80	231	17
30 to 34 percent	56	124	67	97	131	141	152	50
35 percent or more	328	271	64	204	58	703	185	294
Not computed	–	260	780	27	32	6	19	–
Median	40.7	33.2	18.7	26.4	25.9	40.0	28.1	42.8
$35,000 or more	1 185	1 154	791	771	673	1 974	1 209	667
Less than 20 percent	210	482	357	520	404	774	794	152
20 to 24 percent	230	159	12	103	95	481	214	203
25 to 29 percent	314	158	64	71	77	404	49	175
30 to 34 percent	165	123	–	42	17	147	46	68
35 percent or more	245	70	8	4	2	121	58	69
Not computed	21	162	350	31	78	47	48	–
Median	27.3	20.4	13.4	16.3	16.8	22.0	17.4	24.5

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Table 83. Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP				Halawa CDP		Hilo CDP			
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**1 028**	**2 153**	**322**	**977**	**1 232**	**2 666**	**4 000**	**8 980**	**763**	**3 764**
TENURE										
Owner-occupied housing units	619	1 590	161	606	681	2 067	1 991	5 987	236	1 904
Renter-occupied housing units	409	563	161	371	551	599	2 009	2 993	527	1 860
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**619**	**1 590**	**161**	**606**	**681**	**2 067**	**1 991**	**5 987**	**236**	**1 904**
1989 to March 1990	–	–	–	–	4	–	35	107	–	35
1985 to 1988	–	50	–	–	116	487	185	475	6	185
1980 to 1984	7	22	12	7	17	102	265	611	22	243
1970 to 1979	163	819	61	163	27	140	607	1 830	68	591
1960 to 1969	277	407	48	264	276	905	278	1 154	55	267
1950 to 1959	136	229	40	136	205	427	225	850	40	208
1940 to 1949	29	48	–	29	22	6	187	476	12	187
1939 or earlier	7	15	–	7	14	–	209	484	33	188
Renter-occupied housing units	**409**	**563**	**161**	**371**	**551**	**599**	**2 009**	**2 993**	**527**	**1 860**
1989 to March 1990	18	–	–	18	–	4	6	–	–	6
1985 to 1988	12	27	–	12	73	55	146	139	55	133
1980 to 1984	50	37	23	44	70	4	174	201	40	166
1970 to 1979	114	206	40	107	117	121	728	1 066	158	691
1960 to 1969	58	167	20	58	179	309	367	608	119	344
1950 to 1959	60	67	64	49	100	93	216	371	43	201
1940 to 1949	23	55	14	9	4	12	177	262	70	135
1939 or earlier	74	4	–	74	8	1	195	346	42	184
BEDROOMS										
Owner-occupied housing units	**619**	**1 590**	**161**	**606**	**681**	**2 067**	**1 991**	**5 987**	**236**	**1 904**
None	–	–	–	–	–	30	30	69	19	30
1	34	86	30	21	90	263	94	355	21	78
2	62	374	52	62	112	436	384	897	39	372
3	366	812	68	366	307	867	1 011	3 800	128	952
4	106	190	11	106	140	320	324	670	17	324
5 or more	51	128	–	51	32	151	148	196	12	148
Renter-occupied housing units	**409**	**563**	**161**	**371**	**551**	**599**	**2 009**	**2 993**	**527**	**1 860**
None	–	4	–	–	16	30	251	437	36	251
1	60	54	33	39	78	160	519	724	157	440
2	71	239	37	71	246	215	657	909	154	608
3	241	245	87	228	157	132	474	687	103	463
4	16	17	4	12	50	58	65	175	64	55
5 or more	21	4	–	21	4	4	43	61	13	43
SOURCE OF WATER										
Public system or private company	1 028	2 147	322	977	1 232	2 666	3 928	8 941	755	3 700
Individual drilled well	–	6	–	–	–	–	8	–	–	8
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	64	39	8	56
SEWAGE DISPOSAL										
Public sewer	677	1 353	201	637	1 224	2 641	1 894	2 675	402	1 745
Septic tank or cesspool	342	800	121	331	8	16	2 099	6 236	361	2 012
Other means	9	–	–	9	–	9	7	69	–	7
KITCHEN FACILITIES										
Complete kitchen facilities	1 010	2 140	322	959	1 221	2 662	3 874	8 912	763	3 638
Lacking complete kitchen facilities	18	13	–	18	11	4	126	68	–	126
HOUSE HEATING FUEL										
Utility gas	–	3	–	–	56	197	97	332	42	86
Bottled, tank, or LP gas	21	–	–	21	–	45	93	386	35	93
Electricity	376	1 081	173	352	379	1 224	1 275	3 526	225	1 210
Fuel oil, kerosene, etc.	–	–	–	–	–	–	18	47	–	18
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	4	–	27	23	–	27
Solar energy	4	72	–	4	10	48	7	87	6	7
Other fuel	–	–	–	–	–	–	–	–	–	–
No fuel used	627	997	149	600	783	1 152	2 483	4 579	455	2 323
VEHICLES AVAILABLE										
None	47	72	11	47	48	201	494	817	109	461
1	271	528	128	250	380	740	1 559	3 097	312	1 455
2	373	758	125	347	623	898	1 434	3 425	240	1 353
3	248	488	32	244	127	510	367	1 182	80	358
4	77	246	26	77	41	235	104	336	13	104
5 or more	12	61	–	12	13	82	42	123	9	33
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**619**	**1 590**	**161**	**606**	**681**	**2 067**	**1 991**	**5 987**	**236**	**1 904**
1989 to March 1990	16	91	12	16	41	218	174	283	9	174
1985 to 1988	107	292	20	107	160	570	525	909	54	499
1980 to 1984	81	230	35	81	75	181	309	757	44	283
1970 to 1979	284	738	76	284	184	367	446	1 774	50	437
1960 to 1969	104	164	18	91	152	560	202	1 058	31	193
1959 or earlier	27	75	–	27	69	171	335	1 206	48	318
Renter-occupied housing units	**409**	**563**	**161**	**371**	**551**	**599**	**2 009**	**2 993**	**527**	**1 860**
1989 to March 1990	157	177	56	137	310	153	876	967	246	803
1985 to 1988	150	254	80	150	173	222	728	1 113	208	658
1980 to 1984	78	104	25	60	28	103	223	459	47	223
1970 to 1979	24	23	–	24	20	111	133	249	14	127
1960 to 1969	–	–	–	–	15	10	33	148	12	33
1959 or earlier	–	5	–	–	5	–	16	57	–	16
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**619**	**1 590**	**161**	**606**	**681**	**2 067**	**1 991**	**5 987**	**236**	**1 904**
Lacking complete plumbing facilities	–	–	–	–	–	–	9	16	–	9
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**409**	**563**	**161**	**371**	**551**	**599**	**2 009**	**2 993**	**527**	**1 860**
Lacking complete plumbing facilities	9	13	–	9	–	–	7	14	–	7
1.01 or more	–	13	–	–	–	–	–	–	–	–

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Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Honolulu CDP						Kahului CDP			
	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**44 573**	**1 555**	**472**	**86 596**	**4 716**	**42 980**	**869**	**4 053**	**289**	**824**
TENURE										
Owner-occupied housing units	17 095	77	135	45 689	1 040	16 693	363	2 580	108	337
Renter-occupied housing units	27 478	1 478	337	40 907	3 676	26 287	506	1 473	181	487
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**17 095**	**77**	**135**	**45 689**	**1 040**	**16 693**	**363**	**2 580**	**108**	**337**
1989 to March 1990	93	–	–	243	–	93	–	12	–	–
1985 to 1988	533	5	–	1 633	22	524	24	115	17	11
1980 to 1984	1 331	14	15	3 109	75	1 278	18	284	15	18
1970 to 1979	5 869	32	60	11 340	274	5 794	108	678	37	101
1960 to 1969	4 480	11	33	11 556	272	4 382	59	770	18	59
1950 to 1959	2 336	5	20	9 253	186	2 260	132	617	11	126
1940 to 1949	1 031	10	7	4 593	90	996	22	77	–	22
1939 or earlier	1 422	–	–	3 962	121	1 366	–	27	10	–
Renter-occupied housing units	**27 478**	**1 478**	**337**	**40 907**	**3 676**	**26 287**	**506**	**1 473**	**181**	**487**
1989 to March 1990	247	11	–	643	75	216	–	26	9	–
1985 to 1988	863	27	4	1 166	127	802	57	55	17	48
1980 to 1984	1 789	104	14	2 536	209	1 740	118	351	32	108
1970 to 1979	8 290	527	58	11 553	1 077	7 942	211	590	50	211
1960 to 1969	7 860	373	122	11 872	1 035	7 472	68	273	30	68
1950 to 1959	4 618	301	36	6 754	569	4 451	37	128	31	37
1940 to 1949	2 099	82	38	3 230	356	2 030	4	31	–	4
1939 or earlier	1 712	53	65	3 153	228	1 634	11	19	12	11
BEDROOMS										
Owner-occupied housing units	**17 095**	**77**	**135**	**45 689**	**1 040**	**16 693**	**363**	**2 580**	**108**	**337**
None	719	–	–	1 585	55	703	–	8	–	–
1	3 194	10	8	6 473	165	3 132	30	113	22	30
2	5 030	28	64	10 827	267	4 937	88	570	27	88
3	4 879	30	38	16 712	373	4 731	220	1 514	50	194
4	2 300	9	20	6 239	84	2 260	18	250	9	18
5 or more	973	–	5	3 853	96	930	7	125	–	7
Renter-occupied housing units	**27 478**	**1 478**	**337**	**40 907**	**3 676**	**26 287**	**506**	**1 473**	**181**	**487**
None	4 354	229	67	8 363	751	4 155	13	178	35	13
1	9 605	457	105	15 230	1 285	9 112	216	426	28	216
2	8 394	446	135	12 136	1 126	8 095	165	469	75	156
3	3 962	263	16	3 960	426	3 786	84	343	43	74
4	965	83	8	829	65	947	24	45	–	24
5 or more	198	–	6	389	23	192	4	12	–	4
SOURCE OF WATER										
Public system or private company	44 407	1 551	472	86 512	4 711	42 814	869	4 048	289	824
Individual drilled well	–	–	–	23	–	–	–	–	–	–
Individual dug well	6	–	–	12	–	6	–	–	–	–
Some other source	160	4	–	49	5	160	–	5	–	–
SEWAGE DISPOSAL										
Public sewer	43 869	1 538	467	85 426	4 658	42 285	860	4 005	282	815
Septic tank or cesspool	576	4	5	673	50	567	9	30	7	9
Other means	128	13	–	497	8	128	–	18	–	–
KITCHEN FACILITIES										
Complete kitchen facilities	43 859	1 523	458	85 377	4 549	42 317	857	4 018	289	812
Lacking complete kitchen facilities	714	32	14	1 219	167	663	12	35	–	12
HOUSE HEATING FUEL										
Utility gas	1 323	92	32	5 839	339	1 209	12	81	9	3
Bottled, tank, or LP gas	147	11	–	847	25	147	4	136	13	4
Electricity	13 104	545	175	41 479	1 905	12 515	455	2 051	133	441
Fuel oil, kerosene, etc.	103	–	–	16	–	103	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	52	–	–	7	6	46	–	–	–	–
Solar energy	322	–	10	1 103	25	316	24	275	7	24
Other fuel	12	8	–	35	–	12	–	–	–	–
No fuel used	29 510	899	255	37 270	2 416	28 632	374	1 510	127	352
VEHICLES AVAILABLE										
None	7 994	292	94	14 441	1 116	7 595	99	310	28	99
1	20 931	831	208	34 505	2 054	20 255	351	1 038	64	342
2	11 894	389	151	24 145	1 094	11 494	304	1 412	106	275
3	2 758	30	6	8 857	279	2 680	80	824	44	80
4	705	13	13	3 124	136	681	18	265	29	11
5 or more	291	–	–	1 524	37	275	17	204	18	17
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**17 095**	**77**	**135**	**45 689**	**1 040**	**16 693**	**363**	**2 580**	**108**	**337**
1989 to March 1990	1 830	10	–	3 069	102	1 789	9	49	7	9
1985 to 1988	4 697	28	49	8 436	208	4 621	51	329	23	32
1980 to 1984	2 516	14	25	4 974	112	2 472	19	328	34	19
1970 to 1979	4 248	9	45	10 153	291	4 176	129	687	22	122
1960 to 1969	1 984	11	9	8 376	127	1 910	60	740	17	60
1959 or earlier	1 820	5	7	10 681	200	1 725	95	447	5	95
Renter-occupied housing units	**27 478**	**1 478**	**337**	**40 907**	**3 676**	**26 287**	**506**	**1 473**	**181**	**487**
1989 to March 1990	11 182	687	156	11 106	1 446	10 656	194	408	53	194
1985 to 1988	10 437	581	82	13 983	1 366	10 016	182	493	60	173
1980 to 1984	3 255	131	53	7 122	461	3 129	68	352	54	58
1970 to 1979	2 032	59	46	5 579	307	1 946	51	131	14	51
1960 to 1969	450	15	–	1 984	68	425	11	63	–	11
1959 or earlier	122	5	–	1 133	28	115	–	26	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**17 095**	**77**	**135**	**45 689**	**1 040**	**16 693**	**363**	**2 580**	**108**	**337**
Lacking complete plumbing facilities	55	–	–	98	–	55	–	11	–	–
1.01 or more	9	–	–	17	–	9	–	–	–	–
Renter-occupied housing units	**27 478**	**1 478**	**337**	**40 907**	**3 676**	**26 287**	**506**	**1 473**	**181**	**487**
Lacking complete plumbing facilities	117	16	26	515	73	107	–	5	–	–
1.01 or more	27	16	18	240	20	27	–	–	–	–

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Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kailua CDP, Honolulu County				Kaneohe CDP				Kaneohe Station CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Occupied housing units	**7 438**	**3 968**	**602**	**7 167**	**3 939**	**6 394**	**523**	**3 833**	**1 438**	**352**
TENURE										
Owner-occupied housing units	4 927	3 209	346	4 770	2 259	5 107	247	2 217	–	–
Renter-occupied housing units	2 511	759	256	2 397	1 680	1 287	276	1 616	1 438	352
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**4 927**	**3 209**	**346**	**4 770**	**2 259**	**5 107**	**247**	**2 217**	**–**	**–**
1989 to March 1990	23	19	–	23	53	72	–	53	–	–
1985 to 1988	150	206	–	150	256	670	54	228	–	–
1980 to 1984	222	152	10	218	176	338	21	176	–	–
1970 to 1979	853	729	39	832	693	838	27	687	–	–
1960 to 1969	1 478	782	62	1 447	416	1 844	39	416	–	–
1950 to 1959	1 584	938	160	1 500	510	1 107	66	502	–	–
1940 to 1949	472	309	46	467	143	182	28	143	–	–
1939 or earlier	145	74	29	133	12	56	12	12	–	–
Renter-occupied housing units	**2 511**	**759**	**256**	**2 397**	**1 680**	**1 287**	**276**	**1 616**	**1 438**	**352**
1989 to March 1990	58	15	6	58	27	5	5	27	–	–
1985 to 1988	158	62	3	158	146	47	13	146	–	–
1980 to 1984	282	56	26	263	164	64	14	150	140	9
1970 to 1979	523	111	41	518	597	380	97	576	377	131
1960 to 1969	670	187	56	649	420	419	81	403	309	58
1950 to 1959	535	212	79	499	221	248	55	209	354	126
1940 to 1949	234	95	24	215	60	57	–	60	237	19
1939 or earlier	51	21	21	37	45	67	11	45	21	9
BEDROOMS										
Owner-occupied housing units	**4 927**	**3 209**	**346**	**4 770**	**2 259**	**5 107**	**247**	**2 217**	**–**	**–**
None	13	15	6	7	–	53	–	–	–	–
1	173	211	32	159	107	343	20	107	–	–
2	627	424	50	605	463	711	46	444	–	–
3	2 390	1 604	163	2 303	1 268	2 947	124	1 251	–	–
4	1 371	726	78	1 348	345	783	31	339	–	–
5 or more	353	229	17	348	76	270	26	76	–	–
Renter-occupied housing units	**2 511**	**759**	**256**	**2 397**	**1 680**	**1 287**	**276**	**1 616**	**1 438**	**352**
None	166	39	26	146	181	31	9	172	–	–
1	523	149	75	485	214	208	66	196	–	21
2	723	225	83	699	624	344	119	594	320	95
3	791	290	43	771	575	538	67	568	837	174
4	264	51	29	252	81	145	15	81	281	62
5 or more	44	5	–	44	5	21	–	5	–	–
SOURCE OF WATER										
Public system or private company	7 438	3 968	602	7 167	3 939	6 389	523	3 833	1 438	352
Individual drilled well	–	–	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	5	–	–	–	–
SEWAGE DISPOSAL										
Public sewer	7 240	3 921	591	6 980	3 816	6 271	496	3 716	1 431	339
Septic tank or cesspool	198	47	11	187	118	118	27	112	–	13
Other means	–	–	–	–	5	5	–	5	7	–
KITCHEN FACILITIES										
Complete kitchen facilities	7 339	3 906	581	7 085	3 851	6 354	523	3 745	1 438	352
Lacking complete kitchen facilities	99	62	21	82	88	40	–	88	–	–
HOUSE HEATING FUEL										
Utility gas	151	128	–	151	52	151	15	52	15	7
Bottled, tank, or LP gas	10	29	–	10	16	103	9	16	–	–
Electricity	1 705	1 640	193	1 634	995	2 757	161	976	433	117
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	4	–	–	4	12	5	–	12	–	–
Solar energy	81	78	13	68	39	80	–	39	–	–
Other fuel	–	–	–	–	–	4	–	–	–	–
No fuel used	5 487	2 093	396	5 300	2 825	3 294	338	2 738	990	228
VEHICLES AVAILABLE										
None	209	123	14	198	226	214	38	223	9	–
1	2 119	878	215	2 016	1 313	1 543	201	1 255	849	240
2	3 305	1 768	224	3 203	1 811	2 699	167	1 774	552	97
3	1 265	800	116	1 216	398	1 107	71	390	28	15
4	346	271	27	346	131	552	31	131	–	–
5 or more	194	128	6	188	60	279	15	60	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**4 927**	**3 209**	**346**	**4 770**	**2 259**	**5 107**	**247**	**2 217**	**–**	**–**
1989 to March 1990	494	198	32	490	297	343	6	291	–	–
1985 to 1988	1 299	525	47	1 286	886	1 015	69	858	–	–
1980 to 1984	610	324	37	603	300	521	49	300	–	–
1970 to 1979	1 237	896	74	1 181	310	1 046	31	302	–	–
1960 to 1969	794	662	89	753	248	1 534	58	248	–	–
1959 or earlier	493	604	67	457	218	648	34	218	–	–
Renter-occupied housing units	**2 511**	**759**	**256**	**2 397**	**1 680**	**1 287**	**276**	**1 616**	**1 438**	**352**
1989 to March 1990	1 408	220	143	1 351	916	312	90	886	634	192
1985 to 1988	819	276	71	783	522	403	104	491	779	160
1980 to 1984	146	173	22	132	144	320	61	144	15	–
1970 to 1979	115	52	20	108	80	180	19	77	10	–
1960 to 1969	12	26	–	12	11	53	2	11	–	–
1959 or earlier	11	12	–	11	7	19	–	7	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**4 927**	**3 209**	**346**	**4 770**	**2 259**	**5 107**	**247**	**2 217**	**–**	**–**
Lacking complete plumbing facilities	8	–	–	8	–	12	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**2 511**	**759**	**256**	**2 397**	**1 680**	**1 287**	**276**	**1 616**	**1 438**	**352**
Lacking complete plumbing facilities	7	–	–	7	–	5	–	–	8	–
1.01 or more	–	–	–	–	–	–	–	–	–	–

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Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe Station CDP—Con.		Kihei CDP		Mililani Town CDP			
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**204**	**1 363**	**2 872**	**1 044**	**3 405**	**4 987**	**401**	**3 267**
TENURE								
Owner-occupied housing units	–	–	1 269	676	2 119	4 610	232	2 053
Renter-occupied housing units	204	1 363	1 603	368	1 286	377	169	1 214
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**–**	**–**	**1 269**	**676**	**2 119**	**4 610**	**232**	**2 053**
1989 to March 1990	–	–	78	23	86	257	32	86
1985 to 1988	–	–	213	222	275	825	29	246
1980 to 1984	–	–	176	99	180	630	45	171
1970 to 1979	–	–	615	255	1 408	2 516	120	1 380
1960 to 1969	–	–	116	68	157	377	6	157
1950 to 1959	–	–	52	–	6	–	–	6
1940 to 1949	–	–	19	9	–	5	–	–
1939 or earlier	–	–	–	–	7	–	–	7
Renter-occupied housing units	**204**	**1 363**	**1 603**	**368**	**1 286**	**377**	**169**	**1 214**
1989 to March 1990	–	–	283	33	23	6	14	17
1985 to 1988	–	–	275	32	154	44	9	145
1980 to 1984	9	140	316	68	294	48	16	278
1970 to 1979	45	358	565	212	673	222	110	632
1960 to 1969	39	299	87	–	101	42	20	101
1950 to 1959	49	324	32	–	41	15	–	41
1940 to 1949	62	221	38	5	–	–	–	–
1939 or earlier	–	21	7	18	–	–	–	–
BEDROOMS								
Owner-occupied housing units	**–**	**–**	**1 269**	**676**	**2 119**	**4 610**	**232**	**2 053**
None	–	–	35	–	8	35	–	8
1	–	–	286	32	57	363	25	57
2	–	–	385	207	442	964	89	405
3	–	–	440	264	980	2 083	96	951
4	–	–	94	86	559	1 026	16	559
5 or more	–	–	29	87	73	139	6	73
Renter-occupied housing units	**204**	**1 363**	**1 603**	**368**	**1 286**	**377**	**169**	**1 214**
None	–	–	94	11	12	12	–	12
1	9	–	547	70	60	48	21	60
2	36	320	539	131	413	142	56	382
3	102	792	388	140	532	134	77	494
4	57	251	35	16	239	34	15	236
5 or more	–	–	–	–	30	7	–	30
SOURCE OF WATER								
Public system or private company	204	1 363	2 862	1 044	3 397	4 987	401	3 259
Individual drilled well	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–
Some other source	–	–	10	–	8	–	–	8
SEWAGE DISPOSAL								
Public sewer	204	1 356	2 800	992	3 405	4 973	401	3 267
Septic tank or cesspool	–	–	72	52	–	6	–	–
Other means	–	7	–	–	–	8	–	–
KITCHEN FACILITIES								
Complete kitchen facilities	204	1 363	2 850	1 018	3 405	4 973	401	3 267
Lacking complete kitchen facilities	–	–	22	26	–	14	–	–
HOUSE HEATING FUEL								
Utility gas	–	15	26	–	10	29	–	10
Bottled, tank, or LP gas	–	–	28	21	–	–	–	–
Electricity	65	423	521	305	1 043	2 624	141	1 007
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–
Solar energy	–	–	26	79	79	193	16	76
Other fuel	–	–	23	–	–	–	–	–
No fuel used	139	925	2 248	639	2 273	2 141	244	2 174
VEHICLES AVAILABLE								
None	18	–	104	34	38	59	8	30
1	99	800	1 178	196	759	910	73	736
2	80	535	1 110	426	1 985	2 775	297	1 883
3	7	28	355	214	508	847	5	503
4	–	–	120	130	76	331	6	76
5 or more	–	–	5	44	39	65	12	39
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**–**	**–**	**1 269**	**676**	**2 119**	**4 610**	**232**	**2 053**
1989 to March 1990	–	–	339	74	420	592	49	411
1985 to 1988	–	–	575	279	800	1 276	39	771
1980 to 1984	–	–	179	110	228	721	61	213
1970 to 1979	–	–	145	160	625	1 843	83	612
1960 to 1969	–	–	8	44	46	178	–	46
1959 or earlier	–	–	23	9	–	–	–	–
Renter-occupied housing units	**204**	**1 363**	**1 603**	**368**	**1 286**	**377**	**169**	**1 214**
1989 to March 1990	110	607	1 104	146	733	193	85	711
1985 to 1988	84	741	422	187	510	135	84	460
1980 to 1984	–	15	58	23	25	12	–	25
1970 to 1979	10	–	19	7	18	30	–	18
1960 to 1969	–	–	–	–	–	7	–	–
1959 or earlier	–	–	–	5	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**–**	**–**	**1 269**	**676**	**2 119**	**4 610**	**232**	**2 053**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–
Renter-occupied housing units	**204**	**1 363**	**1 603**	**368**	**1 286**	**377**	**169**	**1 214**
Lacking complete plumbing facilities	–	8	–	–	6	–	–	6
1.01 or more	–	–	–	–	–	–	–	–

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Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Pearl City CDP				Schofield Barracks CDP				
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**2 182**	**6 207**	**443**	**2 066**	**2 209**	**859**	**149**	**369**	**2 123**
TENURE									
Owner-occupied housing units	688	5 255	213	647	–	17	–	–	–
Renter-occupied housing units	1 494	952	230	1 419	2 209	842	149	369	2 123
YEAR STRUCTURE BUILT									
Owner-occupied housing units	**688**	**5 255**	**213**	**647**	**–**	**17**	**–**	**–**	**–**
1989 to March 1990	18	10	–	18	–	–	–	–	–
1985 to 1988	–	176	–	–	–	–	–	–	–
1980 to 1984	7	75	7	–	–	–	–	–	–
1970 to 1979	98	1 050	20	98	–	–	–	–	–
1960 to 1969	499	2 860	151	465	–	7	–	–	–
1950 to 1959	59	1 024	30	59	–	–	–	–	–
1940 to 1949	7	29	–	7	–	10	–	–	–
1939 or earlier	–	31	5	–	–	–	–	–	–
Renter-occupied housing units	**1 494**	**952**	**230**	**1 419**	**2 209**	**842**	**149**	**369**	**2 123**
1989 to March 1990	7	–	–	7	–	–	–	–	–
1985 to 1988	93	64	25	82	27	23	4	–	27
1980 to 1984	347	145	59	340	90	33	5	35	90
1970 to 1979	237	276	16	237	445	217	66	80	425
1960 to 1969	436	283	76	396	391	173	35	95	376
1950 to 1959	163	109	23	155	514	189	28	78	484
1940 to 1949	185	58	25	176	406	110	6	22	401
1939 or earlier	26	17	6	26	336	97	5	59	320
BEDROOMS									
Owner-occupied housing units	**688**	**5 255**	**213**	**647**	**–**	**17**	**–**	**–**	**–**
None	–	5	–	–	–	–	–	–	–
1	5	106	4	5	–	–	–	–	–
2	107	736	64	100	–	10	–	–	–
3	463	2 980	111	436	–	–	–	–	–
4	80	1 103	29	73	–	7	–	–	–
5 or more	33	325	5	33	–	–	–	–	–
Renter-occupied housing units	**1 494**	**952**	**230**	**1 419**	**2 209**	**842**	**149**	**369**	**2 123**
None	175	70	14	175	13	–	8	5	13
1	173	197	35	166	47	28	16	27	47
2	302	266	69	275	612	279	41	138	593
3	727	374	96	693	1 121	370	38	176	1 061
4	105	41	9	105	364	148	41	11	364
5 or more	12	4	7	5	52	17	5	12	45
SOURCE OF WATER									
Public system or private company	2 182	6 201	443	2 066	2 209	859	149	369	2 123
Individual drilled well	–	6	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL									
Public sewer	2 158	6 144	435	2 042	2 150	843	136	369	2 064
Septic tank or cesspool	24	42	–	24	18	10	13	–	18
Other means	–	21	8	–	41	6	–	–	41
KITCHEN FACILITIES									
Complete kitchen facilities	2 162	6 158	443	2 046	2 202	846	149	356	2 116
Lacking complete kitchen facilities	20	49	–	20	7	13	–	13	7
HOUSE HEATING FUEL									
Utility gas	5	–	–	5	65	33	5	15	65
Bottled, tank, or LP gas	20	22	8	12	–	10	–	–	–
Electricity	641	3 061	182	600	731	322	60	181	686
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	4	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Solar energy	41	197	15	41	–	–	–	–	–
Other fuel	–	–	–	–	–	–	–	–	–
No fuel used	1 475	2 927	238	1 408	1 413	494	84	169	1 372
VEHICLES AVAILABLE									
None	95	202	20	89	19	21	–	–	19
1	834	1 169	100	785	1 251	482	107	210	1 201
2	836	2 236	219	802	872	331	42	154	836
3	254	1 622	40	249	55	25	–	5	55
4	113	693	48	98	12	–	–	–	12
5 or more	50	285	16	43	–	–	–	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**688**	**5 255**	**213**	**647**	**–**	**17**	**–**	**–**	**–**
1989 to March 1990	27	149	–	27	–	7	–	–	–
1985 to 1988	56	461	24	49	–	10	–	–	–
1980 to 1984	81	272	20	81	–	–	–	–	–
1970 to 1979	212	1 746	52	212	–	–	–	–	–
1960 to 1969	254	1 893	102	220	–	–	–	–	–
1959 or earlier	58	734	15	58	–	–	–	–	–
Renter-occupied housing units	**1 494**	**952**	**230**	**1 419**	**2 209**	**842**	**149**	**369**	**2 123**
1989 to March 1990	763	262	102	715	1 089	453	68	169	1 058
1985 to 1988	639	436	115	612	1 111	389	81	200	1 056
1980 to 1984	39	122	7	39	9	–	–	–	9
1970 to 1979	53	111	6	53	–	–	–	–	–
1960 to 1969	–	12	–	–	–	–	–	–	–
1959 or earlier	–	9	–	–	–	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**688**	**5 255**	**213**	**647**	**–**	**17**	**–**	**–**	**–**
Lacking complete plumbing facilities	–	4	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**1 494**	**952**	**230**	**1 419**	**2 209**	**842**	**149**	**369**	**2 123**
Lacking complete plumbing facilities	–	7	–	–	7	13	–	13	7
1.01 or more	–	7	–	–	–	9	–	9	–

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Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Wahiawa CDP				Wailuku CDP		Waimalu CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Occupied housing units	**1 483**	**3 697**	**474**	**1 365**	**978**	**2 580**	**3 769**	**6 042**
TENURE								
Owner-occupied housing units	433	2 175	100	405	457	1 544	1 556	4 897
Renter-occupied housing units	1 050	1 522	374	960	521	1 036	2 213	1 145
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**433**	**2 175**	**100**	**405**	**457**	**1 544**	**1 556**	**4 897**
1989 to March 1990	–	–	–	–	12	22	16	47
1985 to 1988	76	84	14	68	23	127	185	738
1980 to 1984	20	79	6	20	48	123	354	586
1970 to 1979	29	124	–	29	57	231	894	2 845
1960 to 1969	100	403	8	100	67	231	69	266
1950 to 1959	143	862	51	132	115	249	29	386
1940 to 1949	65	378	21	56	69	260	9	4
1939 or earlier	–	245	–	–	66	301	–	25
Renter-occupied housing units	**1 050**	**1 522**	**374**	**960**	**521**	**1 036**	**2 213**	**1 145**
1989 to March 1990	17	–	–	17	28	19	33	5
1985 to 1988	115	111	32	109	52	55	136	85
1980 to 1984	39	117	4	35	58	92	646	244
1970 to 1979	238	117	45	231	124	179	1 198	535
1960 to 1969	203	408	90	184	104	223	122	158
1950 to 1959	176	328	53	165	66	191	78	98
1940 to 1949	179	256	111	161	52	105	–	12
1939 or earlier	83	185	39	58	37	172	–	8
BEDROOMS								
Owner-occupied housing units	**433**	**2 175**	**100**	**405**	**457**	**1 544**	**1 556**	**4 897**
None	–	47	7	–	–	9	38	104
1	20	119	15	20	70	95	115	417
2	118	410	22	110	108	293	464	1 143
3	184	1 032	32	164	194	771	725	2 300
4	72	399	20	72	50	273	145	666
5 or more	39	168	4	39	35	103	69	267
Renter-occupied housing units	**1 050**	**1 522**	**374**	**960**	**521**	**1 036**	**2 213**	**1 145**
None	83	128	16	83	40	95	124	126
1	278	440	79	252	195	448	562	266
2	422	553	196	371	153	206	929	451
3	220	344	70	207	102	232	465	239
4	37	50	13	37	12	33	133	54
5 or more	10	7	–	10	19	22	–	9
SOURCE OF WATER								
Public system or private company	1 483	3 697	474	1 365	978	2 580	3 769	6 025
Individual drilled well	–	–	–	–	–	–	–	17
Individual dug well	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL								
Public sewer	1 469	3 632	474	1 351	833	2 442	3 758	6 008
Septic tank or cesspool	11	45	–	11	145	126	11	20
Other means	3	20	–	3	–	12	–	14
KITCHEN FACILITIES								
Complete kitchen facilities	1 476	3 652	474	1 358	963	2 551	3 753	6 030
Lacking complete kitchen facilities	7	45	–	7	15	29	16	12
HOUSE HEATING FUEL								
Utility gas	16	59	16	16	19	19	55	172
Bottled, tank, or LP gas	6	70	8	6	24	128	17	28
Electricity	703	2 366	262	628	322	1 124	1 242	3 098
Fuel oil, kerosene, etc.	–	6	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	11	–	8	11	8	7	7	–
Solar energy	10	21	–	10	6	118	12	106
Other fuel	–	–	–	–	–	–	–	–
No fuel used	737	1 175	180	694	599	1 184	2 436	2 638
VEHICLES AVAILABLE								
None	224	444	93	193	83	113	107	235
1	574	1 205	203	531	427	927	1 659	1 604
2	467	1 163	115	438	338	900	1 634	2 685
3	109	548	48	94	91	376	293	989
4	86	259	8	86	19	185	36	381
5 or more	23	78	7	23	20	79	40	148
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**433**	**2 175**	**100**	**405**	**457**	**1 544**	**1 556**	**4 897**
1989 to March 1990	66	87	18	58	44	67	299	565
1985 to 1988	103	250	24	103	89	242	661	1 591
1980 to 1984	28	171	7	28	56	136	262	780
1970 to 1979	110	345	24	90	43	265	296	1 573
1960 to 1969	93	500	22	93	66	285	–	158
1959 or earlier	33	822	5	33	159	549	38	230
Renter-occupied housing units	**1 050**	**1 522**	**374**	**960**	**521**	**1 036**	**2 213**	**1 145**
1989 to March 1990	550	339	118	523	179	242	1 358	496
1985 to 1988	269	598	174	232	196	441	782	385
1980 to 1984	102	228	56	87	136	147	32	106
1970 to 1979	107	250	26	96	10	95	20	130
1960 to 1969	17	66	–	17	–	75	6	12
1959 or earlier	5	41	–	5	–	36	15	16
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**433**	**2 175**	**100**	**405**	**457**	**1 544**	**1 556**	**4 897**
Lacking complete plumbing facilities	–	28	–	–	–	5	8	9
1.01 or more	–	–	–	–	–	–	–	4
Renter-occupied housing units	**1 050**	**1 522**	**374**	**960**	**521**	**1 036**	**2 213**	**1 145**
Lacking complete plumbing facilities	–	5	–	–	15	18	8	–
1.01 or more	–	5	–	–	15	–	–	–

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Table 83. **Occupancy, Fuel, and Structural Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Waimalu CDP—Con.		Waipahu CDP				Waipio CDP	
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander
Occupied housing units	**554**	**3 563**	**1 098**	**6 090**	**752**	**956**	**1 423**	**2 383**
TENURE								
Owner-occupied housing units	257	1 466	254	3 590	219	223	636	2 132
Renter-occupied housing units	297	2 097	844	2 500	533	733	787	251
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**257**	**1 466**	**254**	**3 590**	**219**	**223**	**636**	**2 132**
1989 to March 1990	–	16	6	17	–	6	–	22
1985 to 1988	21	185	–	183	21	–	202	711
1980 to 1984	62	318	16	173	12	16	215	853
1970 to 1979	136	866	25	888	54	20	129	368
1960 to 1969	23	52	168	1 754	104	142	90	178
1950 to 1959	6	29	39	504	28	39	–	–
1940 to 1949	9	–	–	44	–	–	–	–
1939 or earlier	–	–	–	27	–	–	–	–
Renter-occupied housing units	**297**	**2 097**	**844**	**2 500**	**533**	**733**	**787**	**251**
1989 to March 1990	5	33	23	20	–	23	–	24
1985 to 1988	22	128	27	189	10	22	376	115
1980 to 1984	72	606	122	362	103	103	292	72
1970 to 1979	152	1 136	267	661	156	235	84	40
1960 to 1969	33	116	297	730	201	252	35	–
1950 to 1959	10	78	70	323	41	65	–	–
1940 to 1949	3	–	15	120	9	15	–	–
1939 or earlier	–	–	23	95	13	18	–	–
BEDROOMS								
Owner-occupied housing units	**257**	**1 466**	**254**	**3 590**	**219**	**223**	**636**	**2 132**
None	17	38	–	–	–	–	17	96
1	46	88	–	233	16	–	55	224
2	79	424	64	511	40	49	201	744
3	79	702	124	1 746	94	108	277	914
4	6	145	52	555	25	52	76	127
5 or more	30	69	14	545	44	14	10	27
Renter-occupied housing units	**297**	**2 097**	**844**	**2 500**	**533**	**733**	**787**	**251**
None	44	110	19	131	19	–	53	16
1	94	528	146	633	90	125	180	49
2	92	892	449	1 009	320	392	384	126
3	67	434	221	585	89	207	159	52
4	–	133	–	106	15	–	11	8
5 or more	–	–	9	36	–	9	–	–
SOURCE OF WATER								
Public system or private company	554	3 563	1 098	6 090	752	956	1 423	2 383
Individual drilled well	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL								
Public sewer	554	3 552	1 090	6 008	733	956	1 423	2 358
Septic tank or cesspool	–	11	8	51	8	–	–	7
Other means	–	–	–	31	11	–	–	18
KITCHEN FACILITIES								
Complete kitchen facilities	546	3 555	1 098	6 065	752	956	1 423	2 375
Lacking complete kitchen facilities	8	8	–	25	–	–	–	8
HOUSE HEATING FUEL								
Utility gas	23	55	23	147	10	23	186	527
Bottled, tank, or LP gas	–	17	–	81	38	–	–	53
Electricity	230	1 178	509	3 997	485	412	259	609
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	–	7	–	–	–	–	–	–
Solar energy	6	12	–	119	21	–	19	60
Other fuel	–	–	–	–	–	–	–	–
No fuel used	295	2 294	566	1 746	198	521	959	1 134
VEHICLES AVAILABLE								
None	50	90	86	627	105	57	46	–
1	262	1 530	515	1 658	337	452	597	627
2	174	1 581	351	1 920	212	315	580	1 282
3	62	286	95	1 064	51	86	163	382
4	–	36	51	508	23	46	37	56
5 or more	6	40	–	313	24	–	–	36
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**257**	**1 466**	**254**	**3 590**	**219**	**223**	**636**	**2 132**
1989 to March 1990	38	292	17	226	14	17	86	274
1985 to 1988	110	610	22	601	65	22	278	955
1980 to 1984	61	253	16	345	47	16	131	574
1970 to 1979	33	282	49	929	25	44	93	234
1960 to 1969	6	–	125	1 228	63	99	48	95
1959 or earlier	9	29	25	261	5	25	–	–
Renter-occupied housing units	**297**	**2 097**	**844**	**2 500**	**533**	**733**	**787**	**251**
1989 to March 1990	207	1 260	405	789	183	359	555	162
1985 to 1988	70	764	267	1 052	232	243	221	82
1980 to 1984	11	32	153	449	97	117	–	7
1970 to 1979	9	20	5	167	21	–	11	–
1960 to 1969	–	6	14	39	–	14	–	–
1959 or earlier	–	15	–	4	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**257**	**1 466**	**254**	**3 590**	**219**	**223**	**636**	**2 132**
Lacking complete plumbing facilities	–	8	–	14	–	–	–	16
1.01 or more	–	–	–	14	–	–	–	–
Renter-occupied housing units	**297**	**2 097**	**844**	**2 500**	**533**	**733**	**787**	**251**
Lacking complete plumbing facilities	8	–	–	22	–	–	–	–
1.01 or more	–	–	–	22	–	–	–	–

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Table 84. Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP				Halawa CDP		Hilo CDP			
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**1 028**	**2 153**	**322**	**977**	**1 232**	**2 666**	**4 000**	**8 980**	**763**	**3 764**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**127**	**268**	**28**	**114**	**239**	**521**	**947**	**2 560**	**82**	**910**
Owner occupied	115	230	13	102	201	402	623	2 108	46	600
1-person households	16	40	–	16	49	67	484	714	31	453
Built 1939 or earlier	7	15	–	7	–	–	151	419	41	134
Mean household income in 1989 (dollars)	37 204	35 741	24 534	38 529	47 620	40 979	25 813	31 251	22 701	26 278
Female householder, no husband present	25	69	8	25	62	133	521	762	37	490
Lacking complete plumbing facilities	–	–	–	–	–	–	–	3	–	–
No vehicle available	16	35	–	16	27	50	296	408	17	285
No telephone in unit	–	–	–	–	5	14	20	51	–	20
1-person households	–	–	–	–	5	–	20	51	–	20
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**30**	**81**	**9**	**30**	**–**	**34**	**149**	**298**	**22**	**144**
Married-couple families	9	13	–	9	–	5	60	86	13	60
With own children under 18 years	–	13	–	–	–	–	29	30	–	29
Families with female householder	–	40	9	–	–	17	10	55	4	10
With own children under 18 years	–	24	–	–	–	–	7	24	4	7
Householder worked in 1989	10	33	–	10	–	–	47	105	4	47
With public assistance income	–	16	–	–	–	–	24	57	4	24
With Social Security income	–	10	–	–	–	–	56	139	18	51
Built 1939 or earlier	–	–	–	–	–	–	23	21	5	18
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	21	–	–	21	–	–	32	62	5	27
No telephone in unit	–	–	–	–	–	–	–	15	–	–
1.01 or more persons per room	–	14	9	–	–	–	8	50	–	8
Renter-occupied housing units	**13**	**58**	**8**	**13**	**55**	**144**	**557**	**880**	**198**	**495**
Married-couple families	9	20	5	9	27	62	85	117	32	85
With own children under 18 years	–	20	5	–	27	47	80	69	22	80
Families with female householder	–	38	3	–	11	56	170	356	80	146
With own children under 18 years	–	38	3	–	11	40	166	339	80	142
Householder worked in 1989	9	19	5	9	26	39	190	249	110	145
With public assistance income	4	33	5	4	11	75	297	407	74	280
With Social Security income	4	–	–	4	17	38	179	205	27	165
Built 1939 or earlier	–	–	–	–	–	–	39	96	9	39
Lacking complete plumbing facilities	–	6	–	–	–	–	7	14	–	7
No vehicle available	–	6	–	–	23	74	174	323	71	157
No telephone in unit	–	16	–	–	10	19	78	155	17	78
1.01 or more persons per room	–	34	3	–	18	54	113	157	57	94
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**47 115**	**46 414**	**36 833**	**50 231**	**48 676**	**47 609**	**26 638**	**31 126**	**16 962**	**27 715**
Owner occupied (dollars)	51 527	52 388	35 583	51 929	60 522	52 792	35 905	40 383	26 635	36 151
Renter occupied (dollars)	43 150	36 766	38 105	44 050	36 838	26 890	17 491	17 642	14 073	18 933
Specified owner-occupied housing units	**583**	**1 308**	**120**	**570**	**553**	**1 639**	**1 716**	**5 542**	**230**	**1 629**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	529	1 164	112	516	472	1 387	1 041	3 454	138	996
Less than $200	5	11	–	5	9	–	25	45	–	25
$200 to $299	62	58	13	49	11	69	19	195	–	19
$300 to $399	41	73	11	41	42	93	110	386	10	105
$400 to $499	46	122	9	46	44	66	74	342	9	65
$500 to $599	10	98	5	10	50	67	119	490	38	119
$600 to $699	26	49	–	26	9	80	99	383	18	90
$700 to $799	14	67	18	14	36	102	80	486	14	71
$800 to $899	44	86	19	44	17	65	94	411	8	86
$900 to $999	57	125	–	57	30	32	110	178	20	105
$1,000 to $1,249	86	213	32	86	74	262	120	357	16	120
$1,250 to $1,499	111	132	–	111	69	184	116	96	–	116
$1,500 to $1,999	27	105	5	27	39	227	59	51	–	59
$2,000 or more	–	25	–	–	42	140	16	34	5	16
Median (dollars)	928	915	800	940	954	1 114	794	667	646	804
Mean (dollars)	888	949	765	905	1 031	1 144	847	711	812	855
Not mortgaged	54	144	8	54	81	252	675	2 088	92	633
Less than $100	–	5	–	–	–	–	168	433	36	151
$100 to $199	47	122	–	47	45	160	402	1 409	37	383
$200 to $299	–	8	8	–	31	67	82	226	–	82
$300 to $399	–	–	–	–	5	20	23	20	6	17
$400 to $499	7	9	–	7	–	5	–	–	13	–
$500 or more	–	–	–	–	–	–	–	–	–	–
Median (dollars)	152	146	225	152	193	186	133	136	125	134
Mean (dollars)	180	164	233	180	192	205	144	142	170	144
Specified renter-occupied housing units	**402**	**563**	**161**	**364**	**551**	**599**	**1 998**	**2 947**	**521**	**1 849**
GROSS RENT										
Less than $100	–	–	–	–	5	–	20	46	–	20
$100 to $149	–	–	–	–	12	43	108	188	50	94
$150 to $199	–	–	–	–	–	36	77	188	34	60
$200 to $249	–	–	–	–	6	51	68	156	28	57
$250 to $299	15	12	–	15	13	14	122	176	48	111
$300 to $349	–	23	–	–	–	72	201	334	21	186
$350 to $399	14	22	14	–	–	44	202	359	66	187
$400 to $449	16	22	13	16	22	58	190	278	36	164
$450 to $499	–	27	–	–	14	18	210	294	38	201
$500 to $549	–	46	8	–	–	27	152	164	28	144
$550 to $599	17	8	5	17	6	16	125	214	27	125
$600 to $649	31	50	23	31	4	–	112	146	39	112
$650 to $699	53	22	7	53	5	11	73	97	51	50
$700 to $749	29	42	28	29	16	3	57	63	5	57
$750 to $999	147	214	59	127	159	77	193	102	38	193
$1,000 or more	69	57	–	69	198	83	44	14	12	44
No cash rent	11	18	4	7	91	46	44	128	–	44
Median (dollars)	785	748	715	784	950	426	447	394	413	457
Mean (dollars)	851	754	709	867	986	561	475	411	454	484

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Table 84. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Honolulu CDP						Kahului CDP			
	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**44 573**	**1 555**	**472**	**86 596**	**4 716**	**42 980**	**869**	**4 053**	**289**	**824**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**10 191**	**122**	**29**	**24 890**	**745**	**9 905**	**275**	**1 326**	**49**	**269**
Owner occupied	6 106	5	13	16 724	257	5 999	160	973	18	154
1-person households	4 801	76	21	7 091	313	4 693	138	391	20	138
Built 1939 or earlier	982	9	4	3 364	98	931	5	27	7	5
Mean household income in 1989 (dollars)	46 170	22 877	16 433	42 448	26 370	46 740	17 369	35 111	12 855	17 365
Female householder, no husband present	4 102	27	21	8 226	252	4 004	128	407	13	128
Lacking complete plumbing facilities	13	–	4	164	11	13	–	11	–	–
No vehicle available	3 312	81	8	6 807	389	3 171	73	217	18	73
No telephone in unit	185	5	–	592	31	163	–	11	–	–
1-person households	185	5	–	457	31	163	–	11	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**668**	**–**	**6**	**1 308**	**66**	**641**	**14**	**85**	**–**	**14**
Married-couple families	145	–	6	339	5	145	–	23	–	–
With own children under 18 years	30	–	–	58	–	30	–	7	–	–
Families with female householder	44	–	–	161	17	35	–	16	–	–
With own children under 18 years	36	–	–	61	17	27	–	4	–	–
Householder worked in 1989	202	–	–	355	33	184	–	11	–	–
With public assistance income	31	–	–	86	–	31	–	15	–	–
With Social Security income	237	–	–	412	5	237	14	76	–	14
Built 1939 or earlier	108	–	–	100	–	108	–	–	–	–
Lacking complete plumbing facilities	3	–	–	8	–	3	–	–	–	–
No vehicle available	191	–	–	448	5	191	8	20	–	8
No telephone in unit	13	–	–	59	–	13	–	–	–	–
1.01 or more persons per room	41	–	–	131	9	32	–	10	–	–
Renter-occupied housing units	**2 417**	**110**	**36**	**7 091**	**697**	**2 184**	**93**	**234**	**39**	**93**
Married-couple families	200	45	9	1 729	131	156	6	56	11	6
With own children under 18 years	102	20	5	1 024	57	96	–	25	–	–
Families with female householder	336	6	6	1 384	191	279	34	70	8	34
With own children under 18 years	289	6	6	1 092	164	241	34	70	8	34
Householder worked in 1989	1 080	71	18	2 634	211	1 042	18	58	11	18
With public assistance income	585	14	19	2 057	306	518	46	81	8	46
With Social Security income	552	23	12	1 684	183	460	30	93	13	30
Built 1939 or earlier	220	8	14	401	52	205	6	–	7	6
Lacking complete plumbing facilities	32	–	4	211	34	22	–	–	–	–
No vehicle available	1 244	62	15	4 059	388	1 108	39	136	13	39
No telephone in unit	211	6	5	813	136	186	–	4	–	–
1.01 or more persons per room	226	20	9	2 297	178	190	16	42	–	16
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**37 697**	**27 604**	**32 917**	**37 245**	**30 216**	**38 168**	**25 323**	**39 993**	**35 156**	**25 000**
Owner occupied (dollars)	54 967	44 083	42 303	51 762	49 286	55 022	31 250	47 634	40 694	27 460
Renter occupied (dollars)	30 641	26 904	31 182	25 008	24 565	30 843	22 656	28 895	25 536	22 617
Specified owner-occupied housing units	**8 150**	**24**	**54**	**30 556**	**650**	**7 868**	**296**	**2 401**	**76**	**277**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	5 756	15	41	17 798	431	5 583	148	1 413	63	135
Less than $200	66	–	–	102	19	47	5	35	–	5
$200 to $299	46	–	–	449	5	46	6	119	5	6
$300 to $399	146	–	–	869	–	146	12	146	–	12
$400 to $499	132	–	9	1 064	31	112	9	94	–	9
$500 to $599	273	–	–	1 301	19	261	4	81	–	4
$600 to $699	198	–	–	1 146	34	185	24	102	8	16
$700 to $799	270	–	–	1 076	6	264	17	167	–	17
$800 to $899	217	–	–	994	12	210	19	116	7	14
$900 to $999	251	–	9	1 069	15	246	29	81	–	29
$1,000 to $1,249	575	5	–	2 211	79	558	5	194	4	5
$1,250 to $1,499	591	–	6	2 226	78	561	10	145	31	10
$1,500 to $1,999	1 104	5	17	2 693	73	1 078	8	84	8	8
$2,000 or more	1 887	5	–	2 598	60	1 869	–	49	–	–
Median (dollars)	1 551	1 750	1 354	1 094	1 236	1 572	779	770	1 310	789
Mean (dollars)	1 814	1 703	1 269	1 272	1 345	1 836	795	856	1 120	800
Not mortgaged	2 394	9	13	12 758	219	2 285	148	988	13	142
Less than $100	33	–	–	457	4	33	7	99	–	7
$100 to $199	825	5	7	6 594	115	765	102	672	13	96
$200 to $299	855	–	6	4 235	90	811	35	160	–	35
$300 to $399	322	4	–	995	10	317	4	45	–	4
$400 to $499	119	–	–	253	–	119	–	–	–	–
$500 or more	240	–	–	224	–	240	–	12	–	–
Median (dollars)	235	195	146	192	193	239	162	158	175	160
Mean (dollars)	280	260	205	212	201	284	170	170	151	171
Specified renter-occupied housing units	**27 426**	**1 478**	**337**	**40 795**	**3 669**	**26 235**	**499**	**1 449**	**181**	**480**
GROSS RENT										
Less than $100	139	–	5	641	62	121	16	35	7	16
$100 to $149	292	–	–	1 174	136	245	23	49	12	23
$150 to $199	221	33	–	1 199	113	188	36	73	5	36
$200 to $249	269	8	13	1 072	126	221	11	68	7	11
$250 to $299	354	35	–	1 943	179	305	13	23	–	13
$300 to $349	537	23	10	2 175	134	516	27	49	9	18
$350 to $399	682	27	3	2 248	116	639	–	41	12	–
$400 to $449	1 010	49	25	2 557	147	978	16	52	–	16
$450 to $499	1 240	48	–	2 825	230	1 148	31	44	29	21
$500 to $549	1 381	27	43	3 634	228	1 330	27	106	8	27
$550 to $599	1 472	39	55	2 843	311	1 394	50	119	–	50
$600 to $649	1 681	108	15	2 561	248	1 611	30	89	11	30
$650 to $699	1 698	75	15	3 148	239	1 663	38	73	10	38
$700 to $749	1 874	98	20	2 486	268	1 834	32	69	4	32
$750 to $999	6 407	382	51	5 634	629	6 106	65	240	29	65
$1,000 or more	5 393	111	48	2 659	256	5 257	51	120	26	51
No cash rent	2 776	415	34	1 996	247	2 679	33	199	12	33
Median (dollars)	736	730	598	549	589	739	583	586	522	592
Mean (dollars)	787	738	704	581	606	793	585	594	592	593

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Table 84. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kailua CDP, Honolulu County				Kaneohe CDP				Kaneohe Station CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Occupied housing units	**7 438**	**3 968**	**602**	**7 167**	**3 939**	**6 394**	**523**	**3 833**	**1 438**	**352**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**1 387**	**750**	**111**	**1 317**	**729**	**1 244**	**75**	**721**	**–**	**–**
Owner occupied	1 188	710	111	1 118	448	1 056	48	448	–	–
1-person households	322	95	9	313	319	157	31	316	–	–
Built 1939 or earlier	79	43	14	71	13	39	12	13	–	–
Mean household income in 1989 (dollars)	53 155	44 513	55 997	53 247	39 634	43 820	31 079	39 868	–	–
Female householder, no husband present	474	188	18	462	270	308	24	262	–	–
Lacking complete plumbing facilities	–	–	–	–	–	5	–	–	–	–
No vehicle available	91	64	5	86	164	113	30	161	–	–
No telephone in unit	–	8	–	–	–	20	–	–	–	–
1-person households	–	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**94**	**59**	**13**	**81**	**31**	**82**	**–**	**31**	**–**	**–**
Married-couple families	32	24	8	24	20	20	–	20	–	–
With own children under 18 years	24	–	–	24	–	8	–	–	–	–
Families with female householder	–	20	–	–	–	14	–	–	–	–
With own children under 18 years	–	4	–	–	–	–	–	–	–	–
Householder worked in 1989	34	3	5	29	7	42	–	7	–	–
With public assistance income	–	21	–	–	–	–	–	–	–	–
With Social Security income	37	43	13	24	18	14	–	18	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	6	–	–	6	–	5	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	8	14	8	–	–	–	–	–	–	–
Renter-occupied housing units	**141**	**88**	**26**	**135**	**107**	**147**	**32**	**101**	**61**	**12**
Married-couple families	28	50	10	28	22	43	5	22	44	12
With own children under 18 years	24	18	7	24	22	38	5	22	44	12
Families with female householder	22	24	12	16	36	57	12	36	10	–
With own children under 18 years	22	24	12	16	32	57	12	32	10	–
Householder worked in 1989	69	27	14	69	52	72	27	46	37	12
With public assistance income	28	33	6	22	33	42	7	33	–	–
With Social Security income	34	21	–	34	26	17	–	26	–	–
Built 1939 or earlier	16	–	6	10	4	9	–	4	–	–
Lacking complete plumbing facilities	–	–	–	–	–	5	–	–	–	–
No vehicle available	26	37	3	26	19	40	–	19	–	–
No telephone in unit	10	19	–	10	–	13	–	–	–	–
1.01 or more persons per room	5	13	3	5	36	26	12	36	11	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**54 607**	**55 363**	**42 143**	**55 147**	**46 942**	**51 943**	**36 222**	**47 272**	**26 555**	**27 750**
Owner occupied (dollars)	64 753	59 988	62 016	65 073	55 859	56 379	48 942	55 805	–	–
Renter occupied (dollars)	36 021	37 665	29 886	36 201	33 958	30 488	24 750	34 405	26 555	27 750
Specified owner-occupied housing units	**4 194**	**2 983**	**316**	**4 048**	**1 547**	**4 490**	**227**	**1 513**	**–**	**–**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	3 286	2 260	194	3 220	1 230	3 526	193	1 196	–	–
Less than $200	–	6	–	–	–	11	–	–	–	–
$200 to $299	41	37	–	41	43	205	9	43	–	–
$300 to $399	126	147	14	126	45	257	3	45	–	–
$400 to $499	183	130	–	183	84	193	21	84	–	–
$500 to $599	104	136	–	104	16	189	12	16	–	–
$600 to $699	141	127	11	137	72	209	–	72	–	–
$700 to $799	140	180	22	128	23	223	4	23	–	–
$800 to $899	119	140	6	119	65	274	17	65	–	–
$900 to $999	101	159	8	93	95	261	23	87	–	–
$1,000 to $1,249	469	298	20	458	210	651	65	190	–	–
$1,250 to $1,499	380	300	33	367	134	454	6	134	–	–
$1,500 to $1,999	672	375	51	666	336	465	12	336	–	–
$2,000 or more	810	225	29	798	107	134	21	101	–	–
Median (dollars)	1 394	1 057	1 371	1 401	1 205	977	1 029	1 214	–	–
Mean (dollars)	1 510	1 165	1 417	1 513	1 274	1 008	1 074	1 268	–	–
Not mortgaged	908	723	122	828	317	964	34	317	–	–
Less than $100	12	49	7	12	–	31	–	–	–	–
$100 to $199	361	408	36	335	167	636	12	167	–	–
$200 to $299	324	230	62	287	94	237	22	94	–	–
$300 to $399	118	5	8	110	28	40	–	28	–	–
$400 to $499	44	20	–	44	23	15	–	23	–	–
$500 or more	49	11	9	40	5	5	–	5	–	–
Median (dollars)	221	176	220	220	195	177	211	195	–	–
Mean (dollars)	251	185	225	252	230	187	209	230	–	–
Specified renter-occupied housing units	**2 506**	**759**	**256**	**2 392**	**1 675**	**1 274**	**276**	**1 611**	**1 405**	**352**
GROSS RENT										
Less than $100	–	–	–	–	4	8	–	4	–	–
$100 to $149	–	–	–	–	13	39	–	13	–	–
$150 to $199	9	4	–	9	5	–	–	5	–	–
$200 to $249	31	12	–	31	–	26	9	–	–	–
$250 to $299	–	4	–	–	25	79	8	25	8	–
$300 to $349	10	–	–	10	23	71	3	20	7	23
$350 to $399	24	27	9	18	30	77	24	17	84	12
$400 to $449	27	15	–	27	14	97	–	14	96	12
$450 to $499	48	37	4	48	41	65	42	41	66	19
$500 to $549	43	50	3	40	28	75	27	28	9	5
$550 to $599	95	28	35	76	12	29	–	12	–	–
$600 to $649	95	84	–	95	44	54	5	39	14	–
$650 to $699	126	45	43	111	64	61	5	64	–	5
$700 to $749	225	41	31	225	65	52	5	65	57	–
$750 to $999	616	202	62	584	573	204	116	545	148	26
$1,000 or more	1 071	140	47	1 054	672	222	24	663	42	–
No cash rent	86	70	22	64	62	115	8	56	874	250
Median (dollars)	944	747	737	953	941	613	763	947	525	459
Mean (dollars)	1 004	805	823	1 011	978	688	716	984	650	532

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Table 84. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe Station CDP—Con.		Kihei CDP		Mililani Town CDP			
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**204**	**1 363**	**2 872**	**1 044**	**3 405**	**4 987**	**401**	**3 267**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**–**	**–**	**451**	**83**	**176**	**302**	**12**	**170**
Owner occupied	–	–	337	67	155	287	12	149
1-person households	–	–	221	–	46	47	–	46
Built 1939 or earlier	–	–	–	11	–	–	–	–
Mean household income in 1989 (dollars)	–	–	41 217	47 331	43 910	41 613	28 809	43 638
Female householder, no husband present	–	–	183	10	18	77	–	18
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	27	11	10	30	–	10
No telephone in unit	–	–	–	11	10	–	–	10
1-person households	–	–	–	–	10	–	–	10
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**–**	**–**	**30**	**20**	**18**	**64**	**6**	**18**
Married-couple families	–	–	21	–	6	36	6	6
With own children under 18 years	–	–	–	–	–	24	–	–
Families with female householder	–	–	9	20	–	5	–	–
With own children under 18 years	–	–	9	20	–	5	–	–
Householder worked in 1989	–	–	9	20	12	51	–	12
With public assistance income	–	–	–	–	–	12	6	–
With Social Security income	–	–	6	–	–	12	6	–
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	9	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	–	9	–	6	–	–	6
Renter-occupied housing units	**21**	**51**	**202**	**38**	**15**	**33**	**4**	**15**
Married-couple families	11	44	27	–	9	7	–	9
With own children under 18 years	11	44	27	–	9	7	–	9
Families with female householder	10	–	70	24	3	26	–	3
With own children under 18 years	10	–	70	24	3	26	–	3
Householder worked in 1989	11	37	128	38	12	14	4	12
With public assistance income	–	–	90	24	3	11	–	3
With Social Security income	–	–	11	–	–	11	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	24	–	–	7	–	–
No telephone in unit	–	–	19	–	–	3	–	–
1.01 or more persons per room	–	11	65	–	–	14	–	–
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**24 500**	**26 985**	**37 674**	**45 588**	**54 156**	**56 644**	**44 844**	**54 946**
Owner occupied (dollars)	–	–	43 236	56 583	60 515	58 021	52 032	61 277
Renter occupied (dollars)	24 500	26 985	35 611	36 786	41 840	29 453	31 853	41 793
Specified owner-occupied housing units	**–**	**–**	**683**	**556**	**1 698**	**3 903**	**169**	**1 666**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	–	–	565	490	1 621	3 792	169	1 589
Less than $200	–	–	–	–	–	–	–	–
$200 to $299	–	–	13	–	–	29	–	–
$300 to $399	–	–	16	5	19	67	–	19
$400 to $499	–	–	10	–	84	155	–	84
$500 to $599	–	–	24	34	45	152	10	45
$600 to $699	–	–	–	23	71	154	5	71
$700 to $799	–	–	38	29	29	206	6	29
$800 to $899	–	–	9	55	56	211	13	56
$900 to $999	–	–	–	38	32	211	12	32
$1,000 to $1,249	–	–	80	113	246	715	42	229
$1,250 to $1,499	–	–	138	87	389	886	16	379
$1,500 to $1,999	–	–	112	96	424	728	41	419
$2,000 or more	–	–	125	10	226	278	24	226
Median (dollars)	–	–	1 418	1 135	1 397	1 249	1 229	1 401
Mean (dollars)	–	–	1 566	1 184	1 398	1 244	1 313	1 399
Not mortgaged	–	–	118	66	77	111	–	77
Less than $100	–	–	–	–	6	9	–	6
$100 to $199	–	–	39	33	32	78	–	32
$200 to $299	–	–	60	33	18	18	–	18
$300 to $399	–	–	7	–	21	6	–	21
$400 to $499	–	–	–	–	–	–	–	–
$500 or more	–	–	12	–	–	–	–	–
Median (dollars)	–	–	221	200	204	171	–	204
Mean (dollars)	–	–	261	206	221	176	–	221
Specified renter-occupied housing units	**194**	**1 330**	**1 603**	**368**	**1 286**	**377**	**169**	**1 214**
GROSS RENT								
Less than $100	–	–	–	–	–	–	–	–
$100 to $149	–	–	–	–	–	–	–	–
$150 to $199	–	–	–	–	–	12	–	–
$200 to $249	–	–	–	–	–	9	–	–
$250 to $299	–	8	17	–	–	6	–	–
$300 to $349	–	7	3	–	–	11	–	–
$350 to $399	10	84	21	11	13	8	12	13
$400 to $449	–	96	7	–	34	20	9	34
$450 to $499	17	56	65	42	40	82	–	40
$500 to $549	–	9	52	14	5	–	12	5
$550 to $599	–	–	31	14	–	5	–	–
$600 to $649	–	14	80	34	–	7	–	–
$650 to $699	–	–	63	12	21	7	–	21
$700 to $749	–	57	141	40	–	–	–	–
$750 to $999	21	138	542	84	362	92	47	340
$1,000 or more	–	42	504	92	799	106	89	749
No cash rent	146	819	77	25	12	12	–	12
Median (dollars)	496	525	881	763	1 203	792	1 051	1 198
Mean (dollars)	631	649	934	845	1 141	824	1 040	1 139

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 84. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Pearl City CDP				Schofield Barracks CDP				
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**2 182**	**6 207**	**443**	**2 066**	**2 209**	**859**	**149**	**369**	**2 123**
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**214**	**1 140**	**34**	**207**	**–**	**–**	**–**	**–**	**–**
Owner occupied	165	1 027	27	158	–	–	–	–	–
1-person households	49	127	7	49	–	–	–	–	–
Built 1939 or earlier	–	19	5	–	–	–	–	–	–
Mean household income in 1989 (dollars)	41 227	45 697	47 868	41 628	–	–	–	–	–
Female householder, no husband present	66	141	–	66	–	–	–	–	–
Lacking complete plumbing facilities	–	4	–	–	–	–	–	–	–
No vehicle available	29	115	6	29	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–
1-person households	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**–**	**71**	**6**	**–**	**–**	**–**	**–**	**–**	**–**
Married-couple families	–	18	6	–	–	–	–	–	–
With own children under 18 years	–	7	–	–	–	–	–	–	–
Families with female householder	–	21	–	–	–	–	–	–	–
With own children under 18 years	–	21	–	–	–	–	–	–	–
Householder worked in 1989	–	47	–	–	–	–	–	–	–
With public assistance income	–	–	6	–	–	–	–	–	–
With Social Security income	–	10	–	–	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	–	7	6	–	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	22	6	–	–	–	–	–	–
Renter-occupied housing units	**85**	**117**	**17**	**85**	**145**	**57**	**27**	**31**	**139**
Married-couple families	55	30	8	55	145	57	27	31	139
With own children under 18 years	38	19	8	38	140	57	27	31	134
Families with female householder	13	30	–	13	–	–	–	–	–
With own children under 18 years	13	30	–	13	–	–	–	–	–
Householder worked in 1989	56	6	–	56	123	50	27	31	117
With public assistance income	–	50	8	–	12	18	5	9	12
With Social Security income	17	44	–	17	6	–	–	–	6
Built 1939 or earlier	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	7	9	–	9	7
No vehicle available	17	54	8	17	7	7	–	–	7
No telephone in unit	–	14	8	–	7	–	–	–	7
1.01 or more persons per room	27	29	–	27	17	23	18	9	17
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**35 109**	**58 519**	**49 688**	**35 705**	**25 341**	**25 313**	**21 211**	**21 745**	**25 162**
Owner occupied (dollars)	55 102	61 869	69 566	54 474	–	35 375	–	–	–
Renter occupied (dollars)	29 280	33 625	29 286	29 936	25 341	25 065	21 211	21 745	25 162
Specified owner-occupied housing units	**642**	**4 930**	**196**	**601**	**–**	**–**	**–**	**–**	**–**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	504	3 882	183	470	–	–	–	–	–
Less than $200	–	18	–	–	–	–	–	–	–
$200 to $299	17	173	–	17	–	–	–	–	–
$300 to $399	50	441	9	50	–	–	–	–	–
$400 to $499	27	378	25	18	–	–	–	–	–
$500 to $599	25	411	10	25	–	–	–	–	–
$600 to $699	31	283	–	31	–	–	–	–	–
$700 to $799	40	347	6	40	–	–	–	–	–
$800 to $899	66	240	5	61	–	–	–	–	–
$900 to $999	41	222	13	41	–	–	–	–	–
$1,000 to $1,249	63	523	62	43	–	–	–	–	–
$1,250 to $1,499	48	415	26	48	–	–	–	–	–
$1,500 to $1,999	87	320	13	87	–	–	–	–	–
$2,000 or more	9	111	14	9	–	–	–	–	–
Median (dollars)	895	769	1 095	890	–	–	–	–	–
Mean (dollars)	977	891	1 093	980	–	–	–	–	–
Not mortgaged	138	1 048	13	131	–	–	–	–	–
Less than $100	–	39	–	–	–	–	–	–	–
$100 to $199	95	807	7	88	–	–	–	–	–
$200 to $299	23	187	6	23	–	–	–	–	–
$300 to $399	20	15	–	20	–	–	–	–	–
$400 to $499	–	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–
Median (dollars)	171	167	146	175	–	–	–	–	–
Mean (dollars)	189	169	166	191	–	–	–	–	–
Specified renter-occupied housing units	**1 494**	**952**	**230**	**1 419**	**2 193**	**821**	**149**	**369**	**2 107**
GROSS RENT									
Less than $100	6	8	–	6	6	–	–	–	6
$100 to $149	12	15	–	12	–	–	–	–	–
$150 to $199	6	37	8	6	–	–	–	–	–
$200 to $249	–	6	–	–	–	–	–	–	–
$250 to $299	12	–	7	12	–	–	–	–	–
$300 to $349	5	26	–	5	135	65	20	50	129
$350 to $399	4	26	–	4	280	203	18	72	266
$400 to $449	33	36	6	33	195	100	–	51	186
$450 to $499	22	23	5	17	106	44	12	20	94
$500 to $549	16	47	29	5	30	23	–	–	30
$550 to $599	92	75	–	92	29	–	–	–	29
$600 to $649	76	36	–	76	18	–	4	–	18
$650 to $699	96	82	19	96	15	7	–	–	15
$700 to $749	93	58	26	79	15	7	–	5	15
$750 to $999	394	253	55	380	123	11	5	14	112
$1,000 or more	199	162	33	199	55	–	8	13	46
No cash rent	428	62	42	397	1 186	361	82	144	1 161
Median (dollars)	788	724	738	795	416	384	391	393	415
Mean (dollars)	824	763	770	831	518	414	537	470	511

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Table 84. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Wahiawa CDP				Wailuku CDP		Waimalu CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Occupied housing units	**1 483**	**3 697**	**474**	**1 365**	**978**	**2 580**	**3 769**	**6 042**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**175**	**1 248**	**51**	**149**	**308**	**808**	**266**	**597**
Owner occupied	118	971	30	107	263	634	197	508
1-person households	39	301	12	33	143	229	77	97
Built 1939 or earlier	25	203	15	10	37	249	–	6
Mean household income in 1989 (dollars)	34 279	38 206	33 296	33 993	33 377	36 670	61 244	51 812
Female householder, no husband present	49	375	40	34	102	263	86	84
Lacking complete plumbing facilities	–	21	–	–	–	–	–	–
No vehicle available	40	273	32	25	68	68	31	62
No telephone in unit	–	35	–	–	–	15	3	–
1-person households	–	35	–	–	–	15	–	–
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**10**	**86**	**–**	**10**	**12**	**12**	**9**	**27**
Married-couple families	10	22	–	10	12	5	–	15
With own children under 18 years	10	–	–	10	–	5	–	15
Families with female householder	–	13	–	–	–	–	–	12
With own children under 18 years	–	7	–	–	–	–	–	12
Householder worked in 1989	–	14	–	–	4	5	–	19
With public assistance income	–	–	–	–	–	–	–	12
With Social Security income	–	46	–	–	8	7	9	12
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	44	–	–	–	7	–	–
No telephone in unit	–	11	–	–	8	–	–	–
1.01 or more persons per room	–	–	–	–	–	5	–	7
Renter-occupied housing units	**127**	**391**	**133**	**88**	**31**	**91**	**112**	**143**
Married-couple families	16	83	8	16	9	23	–	24
With own children under 18 years	5	61	8	5	9	23	–	24
Families with female householder	76	188	119	43	7	31	27	45
With own children under 18 years	76	180	119	43	7	31	27	33
Householder worked in 1989	65	169	41	48	16	51	16	62
With public assistance income	80	254	96	62	15	6	8	32
With Social Security income	22	91	23	5	–	21	49	33
Built 1939 or earlier	6	47	14	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	63	130	62	46	15	–	10	55
No telephone in unit	25	45	–	25	–	8	–	15
1.01 or more persons per room	35	134	34	24	–	22	15	52
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**30 269**	**37 158**	**22 857**	**30 375**	**33 802**	**40 471**	**44 394**	**56 429**
Owner occupied (dollars)	58 519	48 477	64 974	57 268	37 821	51 807	53 716	60 563
Renter occupied (dollars)	23 100	23 679	17 589	24 700	28 073	30 550	37 347	40 074
Specified owner-occupied housing units	**360**	**2 013**	**92**	**340**	**373**	**1 347**	**661**	**3 324**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	258	1 060	65	238	143	655	608	2 956
Less than $200	–	28	–	–	–	6	–	13
$200 to $299	23	58	6	23	8	42	–	19
$300 to $399	–	65	–	–	–	56	8	42
$400 to $499	–	72	–	–	10	36	–	95
$500 to $599	7	70	–	7	12	33	10	102
$600 to $699	11	85	19	–	–	55	29	109
$700 to $799	28	70	–	28	12	52	40	182
$800 to $899	–	48	–	–	–	34	34	138
$900 to $999	14	117	–	14	–	75	32	191
$1,000 to $1,249	34	133	–	34	26	103	79	567
$1,250 to $1,499	67	120	22	58	22	29	97	466
$1,500 to $1,999	42	146	12	42	45	84	133	602
$2,000 or more	32	48	6	32	8	50	146	430
Median (dollars)	1 295	916	1 335	1 306	1 290	916	1 436	1 261
Mean (dollars)	1 255	976	1 216	1 278	1 249	1 070	1 595	1 390
Not mortgaged	102	953	27	102	230	692	53	368
Less than $100	–	88	–	–	58	129	–	21
$100 to $199	85	674	22	85	121	396	24	250
$200 to $299	17	168	5	17	43	145	22	89
$300 to $399	–	23	–	–	–	15	–	8
$400 to $499	–	–	–	–	8	7	7	–
$500 or more	–	–	–	–	–	–	–	–
Median (dollars)	155	144	148	155	161	147	216	163
Mean (dollars)	154	158	168	154	166	159	246	172
Specified renter-occupied housing units	**1 043**	**1 516**	**374**	**953**	**521**	**1 030**	**2 213**	**1 135**
GROSS RENT								
Less than $100	–	39	5	–	–	16	–	–
$100 to $149	40	24	21	19	–	29	–	–
$150 to $199	7	68	27	3	–	23	9	–
$200 to $249	5	48	13	5	–	19	–	–
$250 to $299	40	80	–	40	8	11	9	19
$300 to $349	22	97	15	18	38	42	–	14
$350 to $399	24	124	7	24	39	119	–	28
$400 to $449	85	125	44	85	27	135	–	45
$450 to $499	70	159	14	70	19	70	23	44
$500 to $549	72	105	37	72	58	43	6	70
$550 to $599	88	130	50	81	41	58	47	62
$600 to $649	53	74	21	53	42	85	6	56
$650 to $699	112	98	34	97	15	118	123	51
$700 to $749	67	41	16	58	23	7	150	54
$750 to $999	268	208	63	238	126	63	1 035	432
$1,000 or more	61	24	7	61	57	63	755	216
No cash rent	29	72	–	29	28	129	50	44
Median (dollars)	650	485	554	642	620	483	921	809
Mean (dollars)	648	503	543	655	686	542	997	829

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Table 84. **Social and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Waimalu CDP—Con.		Waipahu CDP				Waipio CDP	
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander
Occupied housing units	**554**	**3 563**	**1 098**	**6 090**	**752**	**956**	**1 423**	**2 383**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**50**	**232**	**152**	**1 283**	**95**	**116**	**16**	**85**
Owner occupied	31	173	105	987	74	85	16	70
1-person households	8	69	29	238	16	13	–	7
Built 1939 or earlier	–	–	5	20	5	–	–	–
Mean household income in 1989 (dollars)	31 412	64 794	36 808	42 116	40 328	43 755	25 529	51 712
Female householder, no husband present	8	78	28	256	4	28	–	14
Lacking complete plumbing facilities	–	–	–	7	–	–	–	–
No vehicle available	8	23	4	226	–	4	–	–
No telephone in unit	–	3	11	21	11	–	–	–
1-person households	–	–	11	16	11	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**12**	**9**	**6**	**106**	**17**	**6**	**6**	**16**
Married-couple families	–	–	6	47	–	6	–	7
With own children under 18 years	–	–	–	13	–	–	–	–
Families with female householder	12	–	–	5	–	–	–	–
With own children under 18 years	12	–	–	–	–	–	–	–
Householder worked in 1989	12	–	–	49	17	–	–	7
With public assistance income	12	–	–	6	–	–	–	–
With Social Security income	12	9	6	59	–	6	6	–
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	17	8	–	–	–
No telephone in unit	–	–	–	5	–	–	–	–
1.01 or more persons per room	–	–	–	48	17	–	–	–
Renter-occupied housing units	**43**	**102**	**192**	**683**	**177**	**148**	**36**	**8**
Married-couple families	7	–	44	202	4	44	9	8
With own children under 18 years	7	–	44	188	4	44	–	–
Families with female householder	24	17	104	318	113	75	–	–
With own children under 18 years	24	17	104	281	113	75	–	–
Householder worked in 1989	8	16	62	325	104	44	27	8
With public assistance income	8	8	109	362	108	94	–	–
With Social Security income	7	49	8	70	8	8	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	4	–	–	–	–
No vehicle available	33	10	54	347	76	32	–	–
No telephone in unit	15	–	7	129	25	7	–	–
1.01 or more persons per room	7	15	48	336	44	48	–	8
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**35 750**	**46 453**	**25 687**	**42 571**	**21 591**	**26 538**	**45 821**	**53 008**
Owner occupied (dollars)	39 403	54 941	41 333	55 315	50 735	42 917	57 196	54 413
Renter occupied (dollars)	23 711	38 482	22 316	25 550	15 508	24 081	37 473	40 664
Specified owner-occupied housing units	**137**	**631**	**226**	**3 165**	**208**	**195**	**395**	**1 423**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	128	587	143	2 476	151	133	382	1 362
Less than $200	–	–	–	26	–	–	–	–
$200 to $299	–	–	–	161	–	–	8	7
$300 to $399	–	8	26	209	19	21	19	26
$400 to $499	6	–	7	161	5	7	17	33
$500 to $599	–	10	–	175	–	–	15	11
$600 to $699	14	22	14	184	9	14	–	18
$700 to $799	6	40	43	154	9	43	6	64
$800 to $899	–	34	–	142	–	–	14	51
$900 to $999	–	32	8	152	22	8	34	81
$1,000 to $1,249	24	79	27	388	20	22	22	233
$1,250 to $1,499	31	97	10	278	31	10	85	458
$1,500 to $1,999	31	126	–	341	29	–	129	290
$2,000 or more	16	139	8	105	7	8	33	90
Median (dollars)	1 363	1 427	742	913	1 144	742	1 415	1 336
Mean (dollars)	1 394	1 589	838	983	1 161	850	1 302	1 317
Not mortgaged	9	44	83	689	57	62	13	61
Less than $100	–	–	16	50	–	16	–	–
$100 to $199	9	15	46	483	40	25	–	30
$200 to $299	–	22	13	141	12	13	13	9
$300 to $399	–	–	–	15	5	–	–	9
$400 to $499	–	7	–	–	–	–	–	–
$500 or more	–	–	8	–	–	8	–	13
Median (dollars)	175	244	132	166	147	139	246	203
Mean (dollars)	157	264	178	168	172	196	255	266
Specified renter-occupied housing units	**297**	**2 097**	**833**	**2 477**	**522**	**733**	**787**	**251**
GROSS RENT								
Less than $100	–	–	5	52	–	5	–	–
$100 to $149	–	–	44	78	11	33	–	–
$150 to $199	–	9	19	92	14	19	–	–
$200 to $249	–	–	15	50	–	15	–	–
$250 to $299	–	9	–	66	11	–	–	8
$300 to $349	–	–	28	52	29	9	–	–
$350 to $399	–	–	11	93	22	11	–	8
$400 to $449	3	–	16	164	5	11	–	8
$450 to $499	17	23	50	116	10	50	–	–
$500 to $549	–	6	31	188	31	31	–	–
$550 to $599	13	47	80	285	82	66	18	–
$600 to $649	19	6	105	263	89	105	–	–
$650 to $699	35	96	106	204	53	96	29	27
$700 to $749	–	150	103	221	51	99	26	7
$750 to $999	168	971	143	303	47	120	524	125
$1,000 or more	29	739	73	215	28	59	190	68
No cash rent	13	41	4	35	39	4	–	–
Median (dollars)	832	926	655	597	615	655	903	885
Mean (dollars)	843	1 002	658	611	608	661	982	926

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Table 85. Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP				Halawa CDP		Hilo CDP			
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units	**583**	**1 308**	**120**	**570**	**553**	**1 639**	**1 716**	**5 542**	**230**	**1 629**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	583	1 308	120	570	553	1 639	1 716	5 542	230	1 629
Less than 10 percent	115	254	–	115	173	380	532	2 179	84	495
10 to 14 percent	69	204	18	56	101	247	300	974	20	286
15 to 19 percent	115	257	45	115	79	218	333	782	30	328
20 to 24 percent	53	187	26	53	62	162	143	559	11	139
25 to 29 percent	51	141	–	51	27	217	137	333	19	123
30 to 34 percent	79	59	17	79	45	111	38	239	15	38
35 to 49 percent	70	86	–	70	47	202	104	254	13	91
50 percent or more	31	120	14	31	19	85	119	203	38	119
Not computed	–	–	–	–	–	17	10	19	–	10
Median	19.7	18.8	19.7	20.0	15.2	19.2	15.3	13.0	16.8	15.4
Less than $20,000	64	128	17	64	28	88	430	980	78	399
Less than 20 percent	10	24	8	10	12	35	257	513	36	240
20 to 24 percent	8	15	–	8	–	–	14	72	–	14
25 to 29 percent	4	10	–	4	–	–	23	67	14	9
30 to 34 percent	15	10	–	15	–	–	–	47	–	–
35 percent or more	27	69	9	27	16	36	126	262	28	126
Not computed	–	–	–	–	–	17	10	19	–	10
Median	33.3	36.1	50.0+	33.3	42.9	35.4	17.1	18.4	26.1	17.2
$20,000 to $34,999	74	204	29	61	68	280	396	1 322	56	376
Less than 20 percent	34	87	24	21	24	106	254	851	26	247
20 to 24 percent	–	9	–	–	3	14	22	121	7	22
25 to 29 percent	–	29	–	–	6	57	33	88	–	33
30 to 34 percent	–	11	5	–	–	12	–	113	5	–
35 percent or more	40	68	–	40	35	91	87	149	18	74
Not computed	–	–	–	–	–	–	–	–	–	–
Median	35.9	26.0	15.7	38.0	35.5	26.8	11.4	12.3	21.4	11.0
$35,000 to $49,999	115	229	39	115	102	323	318	1 211	41	309
Less than 20 percent	50	81	5	50	72	134	221	813	17	216
20 to 24 percent	5	32	17	5	11	27	35	201	4	31
25 to 29 percent	5	59	–	5	5	39	25	95	5	25
30 to 34 percent	21	8	12	21	3	59	27	65	10	27
35 percent or more	34	49	5	34	11	64	10	37	5	10
Not computed	–	–	–	–	–	–	–	–	–	–
Median	27.5	25.1	24.3	27.5	11.7	25.1	17.2	14.7	24.4	17.0
$50,000 or more	330	747	35	330	355	948	572	2 029	55	545
Less than 20 percent	205	523	26	205	245	570	433	1 758	55	406
20 to 24 percent	40	131	9	40	48	121	72	165	–	72
25 to 29 percent	42	43	–	42	16	121	56	83	–	56
30 to 34 percent	43	30	–	43	42	40	11	14	–	11
35 percent or more	–	20	–	–	4	96	–	9	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	17.7	15.9	18.4	17.7	14.3	16.9	13.7	10.9	10.0–	14.3
Specified renter-occupied housing units	**402**	**563**	**161**	**364**	**551**	**599**	**1 998**	**2 947**	**521**	**1 849**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	402	563	161	364	551	599	1 998	2 947	521	1 849
Less than 10 percent	32	18	8	32	–	52	56	198	12	56
10 to 14 percent	20	76	12	20	12	76	272	407	47	257
15 to 19 percent	87	101	12	87	76	73	215	318	52	209
20 to 24 percent	13	58	12	7	62	74	239	424	74	235
25 to 29 percent	44	90	16	44	81	63	264	268	32	256
30 to 34 percent	59	58	24	52	58	81	133	241	60	95
35 to 49 percent	88	63	17	74	96	54	344	311	114	301
50 percent or more	48	75	56	41	75	80	398	612	121	363
Not computed	11	24	4	7	91	46	77	168	9	77
Median	29.9	25.9	33.9	28.7	29.9	25.1	28.4	25.8	33.2	27.5
Less than $10,000	18	24	–	18	61	100	600	917	196	523
Less than 20 percent	–	–	–	–	–	–	15	27	–	15
20 to 24 percent	–	–	–	–	5	4	14	80	16	10
25 to 29 percent	–	–	–	–	12	19	60	87	13	52
30 to 34 percent	–	–	–	–	–	17	40	61	6	34
35 percent or more	18	13	–	18	38	52	433	572	152	374
Not computed	–	11	–	–	6	8	38	90	9	38
Median	50.0+	50.0+	–	50.0+	50.0+	40.0	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	32	68	73	11	55	141	483	690	157	438
Less than 20 percent	–	–	–	–	–	38	46	76	37	46
20 to 24 percent	–	–	–	–	–	5	15	56	5	15
25 to 29 percent	–	11	–	–	7	13	69	98	10	69
30 to 34 percent	–	5	–	–	–	35	43	104	43	17
35 percent or more	32	52	73	11	25	44	286	326	62	267
Not computed	–	–	–	–	23	6	24	30	–	24
Median	50.0+	50.0+	50.0+	50.0+	50.0+	31.6	38.6	34.8	33.1	39.4
$20,000 to $34,999	108	145	–	108	147	153	412	795	90	391
Less than 20 percent	9	35	–	9	9	64	117	358	23	102
20 to 24 percent	–	9	–	–	11	30	143	239	26	143
25 to 29 percent	–	24	–	–	–	5	91	75	9	91
30 to 34 percent	25	17	–	25	20	9	36	72	11	30
35 percent or more	74	60	–	74	58	28	15	25	21	15
Not computed	–	–	–	–	49	17	10	26	–	10
Median	36.8	31.3	–	36.8	37.6	20.7	22.9	20.6	24.2	23.1
$35,000 or more	244	326	88	227	288	205	503	545	78	497
Less than 20 percent	130	160	32	130	79	99	365	462	51	359
20 to 24 percent	13	49	12	7	46	35	67	49	27	67
25 to 29 percent	44	55	16	44	62	26	44	8	–	44
30 to 34 percent	34	36	24	27	38	20	14	4	–	14
35 percent or more	12	13	–	12	50	10	8	–	–	8
Not computed	11	13	4	7	13	15	5	22	–	5
Median	19.1	19.7	24.2	18.7	26.0	17.8	14.5	12.5	16.5	14.5

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Table 85. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Honolulu CDP						Kahului CDP			
	White	Black	American Indian, Eskimo, or Aleut	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units	**8 150**	**24**	**54**	**30 556**	**650**	**7 868**	**296**	**2 401**	**76**	**277**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	8 150	24	54	30 556	650	7 868	296	2 401	76	277
Less than 10 percent	2 234	4	9	12 974	220	2 104	92	1 040	12	92
10 to 14 percent	1 075	5	7	4 603	98	1 034	61	360	6	55
15 to 19 percent	1 080	5	9	3 659	74	1 054	32	340	–	32
20 to 24 percent	799	–	–	2 605	72	782	46	255	23	38
25 to 29 percent	711	–	–	2 024	25	711	20	157	7	15
30 to 34 percent	670	–	–	1 433	44	649	16	57	7	16
35 to 49 percent	902	10	–	1 778	37	887	10	135	13	10
50 percent or more	638	–	29	1 348	76	606	19	57	8	19
Not computed	41	–	–	132	4	41	–	–	–	–
Median	18.5	18.0	50.0+	12.4	15.3	18.7	14.6	12.2	24.3	14.2
Less than $20,000	789	5	19	2 951	67	752	75	333	6	69
Less than 20 percent	257	5	7	1 467	15	251	47	172	6	41
20 to 24 percent	65	–	–	308	5	60	12	76	–	12
25 to 29 percent	56	–	–	173	–	56	–	43	–	–
30 to 34 percent	56	–	–	132	–	56	–	–	–	–
35 percent or more	314	–	12	760	43	288	16	42	–	16
Not computed	41	–	–	111	4	41	–	–	–	–
Median	29.6	17.5	50.0+	19.5	50.0+	29.0	14.6	19.6	12.5	15.4
$20,000 to $34,999	804	–	–	4 097	59	770	64	427	12	64
Less than 20 percent	422	–	–	2 858	33	400	44	328	12	44
20 to 24 percent	81	–	–	202	6	75	–	27	–	–
25 to 29 percent	50	–	–	151	–	50	5	33	–	5
30 to 34 percent	31	–	–	144	–	31	6	–	–	6
35 percent or more	220	–	–	733	20	214	9	39	–	9
Not computed	–	–	–	9	–	–	–	–	–	–
Median	18.2	–	–	10.9	13.8	18.7	14.1	10.0–	10.0–	14.1
$35,000 to $49,999	1 105	5	17	5 112	137	1 042	109	514	36	96
Less than 20 percent	640	–	–	3 626	89	593	62	310	–	62
20 to 24 percent	69	–	–	335	–	69	22	53	8	14
25 to 29 percent	52	–	–	263	6	52	15	36	7	10
30 to 34 percent	75	–	–	298	6	69	6	29	–	6
35 percent or more	269	5	17	590	36	259	4	86	21	4
Not computed	–	–	–	–	–	–	–	–	–	–
Median	16.3	45.0	50.0+	10.1	16.2	16.8	14.8	12.9	36.2	12.1
$50,000 or more	5 452	14	18	18 396	387	5 304	48	1 127	22	48
Less than 20 percent	3 070	9	18	13 285	255	2 948	32	930	–	32
20 to 24 percent	584	–	–	1 760	61	578	12	99	15	12
25 to 29 percent	553	–	–	1 437	19	553	–	45	–	–
30 to 34 percent	508	–	–	859	38	493	4	28	7	4
35 percent or more	737	5	–	1 043	14	732	–	25	–	–
Not computed	–	–	–	12	–	–	–	–	–	–
Median	17.9	13.0	12.5	11.9	13.3	18.1	15.6	10.5	23.7	15.6
Specified renter-occupied housing units	**27 426**	**1 478**	**337**	**40 795**	**3 669**	**26 235**	**499**	**1 449**	**181**	**480**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	27 426	1 478	337	40 795	3 669	26 235	499	1 449	181	480
Less than 10 percent	898	34	29	2 179	161	860	18	69	5	18
10 to 14 percent	1 974	60	25	4 728	285	1 904	5	152	–	5
15 to 19 percent	3 545	135	5	5 836	435	3 431	60	266	40	50
20 to 24 percent	3 630	134	53	5 348	529	3 396	90	203	43	81
25 to 29 percent	3 264	158	44	4 887	454	3 141	124	162	27	124
30 to 34 percent	2 623	106	40	3 327	437	2 474	39	70	–	39
35 to 49 percent	3 976	143	31	4 838	420	3 828	85	179	22	85
50 percent or more	4 526	274	76	6 575	649	4 337	33	129	25	33
Not computed	2 990	434	34	3 077	299	2 864	45	219	19	45
Median	28.3	30.0	29.5	25.8	28.0	28.3	27.2	23.2	24.2	27.6
Less than $10,000	2 947	98	56	7 786	718	2 745	120	285	39	120
Less than 20 percent	69	–	5	351	41	62	–	36	6	–
20 to 24 percent	94	–	–	409	21	88	6	14	7	6
25 to 29 percent	166	8	–	709	67	155	35	31	6	35
30 to 34 percent	135	–	–	343	86	112	12	15	–	12
35 percent or more	2 154	71	51	4 548	443	2 036	50	126	13	50
Not computed	329	19	–	1 426	60	292	17	63	7	17
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	34.4	38.0	27.5	34.4
$10,000 to $19,999	4 778	411	43	8 428	690	4 537	98	193	25	89
Less than 20 percent	141	12	–	720	53	123	5	34	–	5
20 to 24 percent	183	23	–	713	47	170	24	–	9	15
25 to 29 percent	295	16	5	995	100	261	14	44	–	14
30 to 34 percent	315	21	–	1 032	69	300	–	12	–	–
35 percent or more	3 124	230	34	4 576	391	2 981	43	76	16	43
Not computed	720	109	4	392	30	702	12	27	–	12
Median	48.3	50.0+	48.1	38.1	38.6	48.8	32.5	32.1	48.8	39.5
$20,000 to $34,999	7 908	518	131	11 137	1 049	7 525	146	368	53	136
Less than 20 percent	630	46	8	2 888	132	578	18	44	17	8
20 to 24 percent	958	34	40	1 997	165	873	37	64	2	37
25 to 29 percent	1 247	110	4	2 153	202	1 201	63	54	11	63
30 to 34 percent	1 411	53	40	1 503	224	1 330	19	24	–	19
35 percent or more	2 617	111	17	2 051	218	2 541	9	99	11	9
Not computed	1 045	164	22	545	108	1 002	–	83	12	–
Median	32.1	29.4	30.3	26.0	29.3	32.3	26.4	28.2	25.7	26.8
$35,000 or more	11 793	451	107	13 444	1 212	11 428	135	603	64	135
Less than 20 percent	5 577	171	46	8 784	655	5 432	60	373	22	60
20 to 24 percent	2 395	77	13	2 229	296	2 265	23	125	25	23
25 to 29 percent	1 556	24	35	1 030	85	1 524	12	33	10	12
30 to 34 percent	762	32	–	449	58	732	8	19	–	8
35 percent or more	607	5	5	238	17	607	16	7	7	16
Not computed	896	142	8	714	101	868	16	46	–	16
Median	19.8	19.1	21.3	16.4	18.1	19.7	19.9	17.5	22.0	19.9

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Table 85. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kailua CDP, Honolulu County				Kaneohe CDP				Kaneohe Station CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black
Specified owner-occupied housing units	**4 194**	**2 983**	**316**	**4 048**	**1 547**	**4 490**	**227**	**1 513**	**–**	**–**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	4 194	2 983	316	4 048	1 547	4 490	227	1 513	–	–
Less than 10 percent	1 052	913	109	990	355	1 446	38	355	–	–
10 to 14 percent	519	423	25	504	135	681	58	126	–	–
15 to 19 percent	474	486	35	463	249	555	26	249	–	–
20 to 24 percent	539	332	51	527	250	577	12	250	–	–
25 to 29 percent	450	243	36	436	161	394	21	153	–	–
30 to 34 percent	282	211	8	282	171	334	19	171	–	–
35 to 49 percent	548	280	23	540	161	336	20	155	–	–
50 percent or more	302	95	29	278	60	162	33	49	–	–
Not computed	28	–	–	28	5	5	–	5	–	–
Median	20.4	16.6	18.4	20.5	20.6	16.0	18.4	20.5	–	–
Less than $20,000	290	208	52	247	100	278	–	100	–	–
Less than 20 percent	78	129	26	61	38	117	–	38	–	–
20 to 24 percent	35	–	–	35	24	12	–	24	–	–
25 to 29 percent	14	–	–	14	–	13	–	–	–	–
30 to 34 percent	5	10	–	5	13	13	–	13	–	–
35 percent or more	130	69	26	104	20	118	–	20	–	–
Not computed	28	–	–	28	5	5	–	5	–	–
Median	34.0	18.2	30.0	29.8	22.0	27.9	–	22.0	–	–
$20,000 to $34,999	406	378	17	400	187	641	55	176	–	–
Less than 20 percent	221	210	–	221	88	379	12	88	–	–
20 to 24 percent	21	13	–	21	21	26	6	21	–	–
25 to 29 percent	27	39	6	27	17	60	6	17	–	–
30 to 34 percent	17	18	–	17	13	60	5	13	–	–
35 percent or more	120	98	11	114	48	116	26	37	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	18.1	18.1	50.0+	17.8	21.3	14.4	33.5	20.0	–	–
$35,000 to $49,999	630	472	42	601	279	813	74	271	–	–
Less than 20 percent	287	280	30	264	87	370	38	87	–	–
20 to 24 percent	59	27	6	53	27	83	–	27	–	–
25 to 29 percent	34	33	–	34	60	93	15	52	–	–
30 to 34 percent	60	57	–	60	51	121	14	51	–	–
35 percent or more	190	75	6	190	54	146	7	54	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	22.4	16.1	10.0–	23.4	27.1	22.2	19.6	27.1	–	–
$50,000 or more	2 868	1 925	205	2 800	981	2 758	98	966	–	–
Less than 20 percent	1 459	1 203	113	1 411	526	1 816	72	517	–	–
20 to 24 percent	424	292	45	418	178	456	6	178	–	–
25 to 29 percent	375	171	30	361	84	228	–	84	–	–
30 to 34 percent	200	126	8	200	94	140	–	94	–	–
35 percent or more	410	133	9	410	99	118	20	93	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	19.7	16.0	18.0	19.8	19.1	14.8	13.8	19.1	–	–
Specified renter-occupied housing units	**2 506**	**759**	**256**	**2 392**	**1 675**	**1 274**	**276**	**1 611**	**1 405**	**352**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	2 506	759	256	2 392	1 675	1 274	276	1 611	1 405	352
Less than 10 percent	42	14	10	32	30	91	15	30	5	–
10 to 14 percent	184	77	7	184	72	143	18	72	54	20
15 to 19 percent	183	154	41	165	210	155	40	200	110	22
20 to 24 percent	340	102	33	326	225	157	13	225	63	17
25 to 29 percent	363	84	22	348	193	146	40	176	50	–
30 to 34 percent	261	44	6	255	154	100	18	154	62	8
35 to 49 percent	473	84	64	461	318	180	72	306	103	22
50 percent or more	569	114	48	552	407	187	52	388	74	13
Not computed	91	86	25	69	66	115	8	60	884	250
Median	31.8	24.5	32.1	32.1	32.4	26.1	32.2	32.4	27.8	22.6
Less than $10,000	141	85	20	141	141	125	6	135	24	–
Less than 20 percent	–	–	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	5	–	–	5	–	–
25 to 29 percent	6	–	–	6	8	19	–	8	–	–
30 to 34 percent	–	–	–	–	–	20	–	–	–	–
35 percent or more	127	61	17	127	117	77	6	111	14	–
Not computed	8	24	3	8	11	9	–	11	10	–
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	–
$10,000 to $19,999	374	107	59	346	213	222	87	194	386	81
Less than 20 percent	–	4	–	–	5	8	–	5	–	–
20 to 24 percent	–	–	–	–	–	9	9	–	–	12
25 to 29 percent	14	–	6	8	9	42	–	9	14	–
30 to 34 percent	6	–	–	6	10	21	–	10	23	–
35 percent or more	322	67	43	310	166	129	70	153	35	25
Not computed	32	36	10	22	23	13	8	17	314	44
Median	50.0+	49.1	50.0+	50.0+	50.0+	41.7	46.9	50.0+	34.8	43.8
$20,000 to $34,999	673	160	76	633	521	392	92	499	685	178
Less than 20 percent	31	22	–	31	38	92	26	28	90	11
20 to 24 percent	47	35	–	47	28	51	–	28	43	5
25 to 29 percent	65	38	16	56	23	38	–	23	36	–
30 to 34 percent	134	18	6	128	73	40	18	73	26	8
35 percent or more	363	36	46	346	347	148	48	335	119	10
Not computed	33	11	8	25	12	23	–	12	371	144
Median	38.5	27.3	37.1	38.8	44.9	30.4	37.5	45.1	28.3	30.6
$35,000 or more	1 318	407	101	1 272	800	535	91	783	310	93
Less than 20 percent	378	219	58	350	269	289	47	269	79	31
20 to 24 percent	293	67	33	279	192	97	4	192	20	–
25 to 29 percent	278	46	–	278	153	47	40	136	–	–
30 to 34 percent	121	26	–	121	71	19	–	71	13	–
35 percent or more	230	34	6	230	95	13	–	95	9	–
Not computed	18	15	4	14	20	70	–	20	189	62
Median	24.6	19.1	18.8	25.0	23.2	16.7	19.7	22.9	15.4	13.9

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Table 85. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe Station CDP—Con.		Kihei CDP		Mililani Town CDP			
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units	**–**	**–**	**683**	**556**	**1 698**	**3 903**	**169**	**1 666**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	–	–	683	556	1 698	3 903	169	1 666
Less than 10 percent	–	–	86	92	176	311	6	176
10 to 14 percent	–	–	61	54	145	533	12	145
15 to 19 percent	–	–	28	103	241	531	9	241
20 to 24 percent	–	–	97	69	259	644	27	254
25 to 29 percent	–	–	94	98	301	615	42	292
30 to 34 percent	–	–	77	36	227	439	19	221
35 to 49 percent	–	–	70	17	256	604	48	244
50 percent or more	–	–	161	87	93	226	6	93
Not computed	–	–	9	–	–	–	–	–
Median	–	–	28.5	22.1	25.5	24.5	28.6	25.3
Less than $20,000	–	–	148	36	31	101	6	31
Less than 20 percent	–	–	–	–	6	–	–	6
20 to 24 percent	–	–	36	11	7	–	–	7
25 to 29 percent	–	–	–	5	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–
35 percent or more	–	–	103	20	18	101	6	18
Not computed	–	–	9	–	–	–	–	–
Median	–	–	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$20,000 to $34,999	–	–	100	59	108	278	13	108
Less than 20 percent	–	–	57	18	20	58	–	20
20 to 24 percent	–	–	–	–	12	21	–	12
25 to 29 percent	–	–	–	–	–	11	–	–
30 to 34 percent	–	–	–	–	6	26	13	6
35 percent or more	–	–	43	41	70	162	–	70
Not computed	–	–	–	–	–	–	–	–
Median	–	–	13.2	50.0+	50.0+	37.7	32.5	50.0+
$35,000 to $49,999	–	–	107	125	305	769	43	284
Less than 20 percent	–	–	22	38	57	177	9	57
20 to 24 percent	–	–	10	9	19	56	–	19
25 to 29 percent	–	–	20	18	32	86	22	23
30 to 34 percent	–	–	18	27	49	151	–	49
35 percent or more	–	–	37	33	148	299	12	136
Not computed	–	–	–	–	–	–	–	–
Median	–	–	30.4	29.3	34.5	32.2	27.8	34.4
$50,000 or more	–	–	328	336	1 254	2 755	107	1 243
Less than 20 percent	–	–	96	193	479	1 140	18	479
20 to 24 percent	–	–	51	49	221	567	27	216
25 to 29 percent	–	–	74	75	269	518	20	269
30 to 34 percent	–	–	59	9	172	262	6	166
35 percent or more	–	–	48	10	113	268	36	113
Not computed	–	–	–	–	–	–	–	–
Median	–	–	26.1	18.6	23.3	22.1	27.1	23.3
Specified renter-occupied housing units	**194**	**1 330**	**1 603**	**368**	**1 286**	**377**	**169**	**1 214**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	194	1 330	1 603	368	1 286	377	169	1 214
Less than 10 percent	–	5	48	24	–	–	–	–
10 to 14 percent	–	54	57	45	36	43	27	28
15 to 19 percent	27	100	199	10	97	41	3	94
20 to 24 percent	–	63	232	62	178	82	17	170
25 to 29 percent	–	50	187	37	276	73	28	260
30 to 34 percent	–	62	168	36	171	52	10	167
35 to 49 percent	–	103	303	43	281	14	30	273
50 percent or more	11	74	318	86	235	60	54	210
Not computed	156	819	91	25	12	12	–	12
Median	18.5	28.3	31.0	29.1	31.5	26.1	34.7	31.5
Less than $10,000	10	14	157	52	9	22	–	9
Less than 20 percent	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	4	–	–
25 to 29 percent	–	–	–	–	–	3	–	–
30 to 34 percent	–	–	–	–	–	–	–	–
35 percent or more	–	14	124	52	6	15	–	6
Not computed	10	–	33	–	3	–	–	3
Median	–	50.0+	50.0+	50.0+	50.0+	50.0+	–	50.0+
$10,000 to $19,999	58	358	191	8	144	38	22	138
Less than 20 percent	–	–	–	–	–	6	–	–
20 to 24 percent	–	–	–	–	–	6	–	–
25 to 29 percent	–	14	–	–	12	–	–	12
30 to 34 percent	–	23	8	–	23	8	–	23
35 percent or more	11	35	183	–	109	18	22	103
Not computed	47	286	–	8	–	–	–	–
Median	50.0+	34.8	50.0+	–	50.0+	34.4	50.0+	50.0+
$20,000 to $34,999	66	665	432	119	288	140	75	269
Less than 20 percent	10	90	25	11	12	16	–	12
20 to 24 percent	–	43	52	10	17	33	9	17
25 to 29 percent	–	36	59	17	15	31	12	15
30 to 34 percent	–	26	47	26	37	19	–	37
35 percent or more	–	119	209	55	207	41	54	188
Not computed	56	351	40	–	–	–	–	–
Median	17.5	28.3	36.2	34.1	46.2	28.4	44.5	43.6
$35,000 or more	60	293	823	189	845	177	72	798
Less than 20 percent	17	69	279	68	121	62	30	110
20 to 24 percent	–	20	180	52	161	39	8	153
25 to 29 percent	–	–	128	20	249	39	16	233
30 to 34 percent	–	13	113	10	111	25	10	107
35 percent or more	–	9	105	22	194	–	8	186
Not computed	43	182	18	17	9	12	–	9
Median	17.5	14.7	23.4	21.7	27.7	22.6	23.8	27.8

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Table 85. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Pearl City CDP				Schofield Barracks CDP				
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Black	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Specified owner-occupied housing units	**642**	**4 930**	**196**	**601**	**–**	**–**	**–**	**–**	**–**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	642	4 930	196	601	–	–	–	–	–
Less than 10 percent	216	1 943	42	200	–	–	–	–	–
10 to 14 percent	101	1 065	35	101	–	–	–	–	–
15 to 19 percent	115	673	37	97	–	–	–	–	–
20 to 24 percent	40	408	30	40	–	–	–	–	–
25 to 29 percent	35	305	36	35	–	–	–	–	–
30 to 34 percent	43	173	9	43	–	–	–	–	–
35 to 49 percent	74	184	7	67	–	–	–	–	–
50 percent or more	18	173	–	18	–	–	–	–	–
Not computed	–	6	–	–	–	–	–	–	–
Median	15.2	12.4	17.8	15.0	–	–	–	–	–
Less than $20,000	25	224	6	25	–	–	–	–	–
Less than 20 percent	19	93	6	19	–	–	–	–	–
20 to 24 percent	–	23	–	–	–	–	–	–	–
25 to 29 percent	–	9	–	–	–	–	–	–	–
30 to 34 percent	6	5	–	6	–	–	–	–	–
35 percent or more	–	88	–	–	–	–	–	–	–
Not computed	–	6	–	–	–	–	–	–	–
Median	15.4	23.5	17.5	15.4	–	–	–	–	–
$20,000 to $34,999	111	561	14	97	–	–	–	–	–
Less than 20 percent	53	420	7	46	–	–	–	–	–
20 to 24 percent	–	15	–	–	–	–	–	–	–
25 to 29 percent	11	18	–	11	–	–	–	–	–
30 to 34 percent	–	30	–	–	–	–	–	–	–
35 percent or more	47	78	7	40	–	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–
Median	26.1	11.5	25.0	26.1	–	–	–	–	–
$35,000 to $49,999	120	748	9	120	–	–	–	–	–
Less than 20 percent	61	456	9	61	–	–	–	–	–
20 to 24 percent	5	58	–	5	–	–	–	–	–
25 to 29 percent	6	75	–	6	–	–	–	–	–
30 to 34 percent	13	43	–	13	–	–	–	–	–
35 percent or more	35	116	–	35	–	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–
Median	19.7	14.6	12.5	19.7	–	–	–	–	–
$50,000 or more	386	3 397	167	359	–	–	–	–	–
Less than 20 percent	299	2 712	92	272	–	–	–	–	–
20 to 24 percent	35	312	30	35	–	–	–	–	–
25 to 29 percent	18	203	36	18	–	–	–	–	–
30 to 34 percent	24	95	9	24	–	–	–	–	–
35 percent or more	10	75	–	10	–	–	–	–	–
Not computed	–	–	–	–	–	–	–	–	–
Median	13.6	11.7	18.6	13.3	–	–	–	–	–
Specified renter-occupied housing units	**1 494**	**952**	**230**	**1 419**	**2 193**	**821**	**149**	**369**	**2 107**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	1 494	952	230	1 419	2 193	821	149	369	2 107
Less than 10 percent	8	21	–	8	49	35	–	10	49
10 to 14 percent	25	86	25	25	152	140	18	25	131
15 to 19 percent	138	199	33	133	241	96	12	56	227
20 to 24 percent	101	113	21	101	103	28	6	14	103
25 to 29 percent	179	117	17	179	189	59	8	73	174
30 to 34 percent	156	87	26	143	148	55	5	13	148
35 to 49 percent	255	153	44	236	94	47	14	24	86
50 percent or more	204	103	22	197	31	–	4	10	28
Not computed	428	73	42	397	1 186	361	82	144	1 161
Median	32.6	25.9	29.4	32.3	23.0	17.9	22.9	25.5	23.2
Less than $10,000	71	99	15	71	22	–	5	–	22
Less than 20 percent	–	–	–	–	–	–	–	–	–
20 to 24 percent	6	8	–	6	–	–	–	–	–
25 to 29 percent	12	31	8	12	–	–	–	–	–
30 to 34 percent	–	–	7	–	–	–	–	–	–
35 percent or more	53	45	–	53	12	–	–	–	12
Not computed	–	15	–	–	10	–	5	–	10
Median	50.0+	41.4	29.7	50.0+	50.0+	–	–	–	50.0+
$10,000 to $19,999	336	177	67	316	668	288	54	151	653
Less than 20 percent	6	–	–	6	–	–	–	–	–
20 to 24 percent	–	5	–	–	21	–	–	–	21
25 to 29 percent	6	11	–	6	110	59	–	59	104
30 to 34 percent	10	12	6	4	98	48	–	8	98
35 percent or more	205	131	45	200	65	35	10	19	65
Not computed	109	18	16	100	374	146	44	65	365
Median	50.0+	47.9	44.5	50.0+	30.8	31.3	39.2	28.6	31.0
$20,000 to $34,999	515	211	65	465	923	391	58	151	887
Less than 20 percent	8	22	6	8	226	150	24	56	212
20 to 24 percent	17	26	–	17	70	28	6	14	70
25 to 29 percent	69	34	9	69	15	–	8	5	15
30 to 34 percent	60	58	7	53	50	7	5	5	50
35 percent or more	163	58	21	142	48	12	–	15	37
Not computed	198	13	22	176	514	194	15	56	503
Median	35.4	31.5	34.6	34.8	19.4	17.3	19.0	19.2	19.4
$35,000 or more	572	465	83	567	580	142	32	67	545
Less than 20 percent	157	284	52	152	216	121	6	35	195
20 to 24 percent	78	74	21	78	12	–	–	–	12
25 to 29 percent	92	41	–	92	64	–	–	9	55
30 to 34 percent	86	17	6	86	–	–	–	–	–
35 percent or more	38	22	–	38	–	–	8	–	–
Not computed	121	27	4	121	288	21	18	23	283
Median	24.4	18.2	17.7	24.6	15.1	11.5	41.3	12.4	15.6

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Table 85. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Wahiawa CDP				Wailuku CDP		Waimalu CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Specified owner-occupied housing units	**360**	**2 013**	**92**	**340**	**373**	**1 347**	**661**	**3 324**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	360	2 013	92	340	373	1 347	661	3 324
Less than 10 percent	76	980	22	76	169	664	77	529
10 to 14 percent	68	248	28	57	85	249	88	508
15 to 19 percent	67	189	8	67	15	172	73	452
20 to 24 percent	36	197	–	36	9	121	91	542
25 to 29 percent	29	131	28	20	7	72	102	446
30 to 34 percent	30	59	–	30	15	–	101	288
35 to 49 percent	33	113	6	33	62	44	90	408
50 percent or more	11	92	–	11	11	25	39	151
Not computed	10	4	–	10	–	–	–	–
Median	17.3	10.5	14.3	17.4	11.0	10.2	25.1	21.6
Less than $20,000	49	264	6	49	98	186	13	150
Less than 20 percent	28	125	–	28	86	149	5	95
20 to 24 percent	–	35	–	–	–	18	–	39
25 to 29 percent	–	26	6	–	–	6	–	–
30 to 34 percent	–	13	–	–	–	–	–	–
35 percent or more	11	61	–	11	12	13	8	16
Not computed	10	4	–	10	–	–	–	–
Median	15.3	20.7	27.5	15.3	10.9	13.6	50.0+	14.3
$20,000 to $34,999	18	352	5	18	58	223	47	254
Less than 20 percent	18	257	5	18	51	198	–	60
20 to 24 percent	–	21	–	–	–	11	–	20
25 to 29 percent	–	6	–	–	–	–	7	32
30 to 34 percent	–	6	–	–	–	–	17	32
35 percent or more	–	62	–	–	7	14	23	110
Not computed	–	–	–	–	–	–	–	–
Median	10.9	10.0–	12.5	10.9	10.0–	10.0–	34.9	32.3
$35,000 to $49,999	57	463	18	57	92	202	75	479
Less than 20 percent	36	321	12	36	37	141	19	93
20 to 24 percent	–	49	–	–	–	25	–	56
25 to 29 percent	–	24	–	–	–	24	4	63
30 to 34 percent	10	27	–	10	9	–	24	99
35 percent or more	11	42	6	11	46	12	28	168
Not computed	–	–	–	–	–	–	–	–
Median	17.3	10.0–	10.0–	17.3	35.0	10.0–	33.0	31.4
$50,000 or more	236	934	63	216	125	736	526	2 441
Less than 20 percent	129	714	41	118	95	597	214	1 241
20 to 24 percent	36	92	–	36	9	67	91	427
25 to 29 percent	29	75	22	20	7	42	91	351
30 to 34 percent	20	13	–	20	6	–	60	157
35 percent or more	22	40	–	22	8	30	70	265
Not computed	–	–	–	–	–	–	–	–
Median	18.8	10.0–	14.7	18.9	10.0–	11.0	22.7	19.7
Specified renter-occupied housing units	**1 043**	**1 516**	**374**	**953**	**521**	**1 030**	**2 213**	**1 135**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	1 043	1 516	374	953	521	1 030	2 213	1 135
Less than 10 percent	57	103	9	57	8	100	18	27
10 to 14 percent	60	196	24	60	47	114	110	165
15 to 19 percent	122	231	59	122	78	158	274	170
20 to 24 percent	125	178	54	92	89	170	283	194
25 to 29 percent	66	172	41	57	67	144	350	134
30 to 34 percent	112	84	31	100	82	53	179	76
35 to 49 percent	226	209	48	217	67	72	490	98
50 percent or more	239	254	104	216	55	77	450	190
Not computed	36	89	4	32	28	142	59	81
Median	33.3	25.2	29.8	33.6	26.8	22.1	31.2	24.3
Less than $10,000	143	343	126	104	34	114	66	66
Less than 20 percent	5	22	5	5	–	–	–	–
20 to 24 percent	25	6	17	8	–	9	–	–
25 to 29 percent	–	20	9	–	–	23	9	–
30 to 34 percent	–	12	–	–	–	–	–	–
35 percent or more	96	233	91	78	34	49	38	29
Not computed	17	50	4	13	–	33	19	37
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	308	354	88	295	88	194	328	163
Less than 20 percent	6	60	6	6	–	23	–	–
20 to 24 percent	9	31	17	5	–	43	–	–
25 to 29 percent	10	51	16	10	22	26	–	–
30 to 34 percent	26	45	16	22	–	–	10	–
35 percent or more	257	167	33	252	55	73	309	141
Not computed	–	–	–	–	11	29	9	22
Median	46.3	33.9	31.6	46.5	42.7	28.2	50.0+	50.0+
$20,000 to $34,999	333	353	99	301	190	293	613	267
Less than 20 percent	47	133	34	47	36	64	6	58
20 to 24 percent	71	77	6	65	23	89	6	21
25 to 29 percent	48	41	16	39	9	54	35	43
30 to 34 percent	53	18	15	45	82	36	77	36
35 percent or more	108	63	28	99	31	27	489	103
Not computed	6	21	–	6	9	23	–	6
Median	29.7	22.1	28.0	29.6	31.4	24.0	43.5	31.2
$35,000 or more	259	466	61	253	209	429	1 206	639
Less than 20 percent	181	315	47	181	97	285	396	304
20 to 24 percent	20	64	14	14	66	29	277	173
25 to 29 percent	8	60	–	8	36	41	306	91
30 to 34 percent	33	9	–	33	–	17	92	40
35 percent or more	4	–	–	4	2	–	104	15
Not computed	13	18	–	13	8	57	31	16
Median	16.7	15.2	16.7	16.6	20.3	15.6	23.5	20.2

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Table 85. **Household Income Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Waimalu CDP—Con.		Waipahu CDP				Waipio CDP	
	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander
Specified owner-occupied housing units	**137**	**631**	**226**	**3 165**	**208**	**195**	**395**	**1 423**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	137	631	226	3 165	208	195	395	1 423
Less than 10 percent	9	68	90	1 059	65	69	35	109
10 to 14 percent	19	81	71	515	11	71	47	127
15 to 19 percent	12	73	13	385	37	8	41	165
20 to 24 percent	7	91	5	279	13	–	76	338
25 to 29 percent	26	102	19	261	16	19	61	234
30 to 34 percent	21	101	12	196	25	12	38	151
35 to 49 percent	12	90	8	270	28	8	57	206
50 percent or more	31	25	8	200	13	8	40	93
Not computed	–	–	–	–	–	–	–	–
Median	29.1	25.1	11.6	15.1	18.8	12.0	24.9	24.6
Less than $20,000	5	13	39	337	38	19	15	42
Less than 20 percent	–	5	28	112	20	13	–	–
20 to 24 percent	–	–	5	30	5	–	–	–
25 to 29 percent	–	–	6	11	–	6	–	–
30 to 34 percent	–	–	–	31	–	–	–	–
35 percent or more	5	8	–	153	13	–	15	42
Not computed	–	–	–	–	–	–	–	–
Median	50.0+	50.0+	10.0–	32.5	10.0–	12.1	50.0+	50.0+
$20,000 to $34,999	13	47	22	401	41	16	43	70
Less than 20 percent	–	–	6	258	32	–	14	21
20 to 24 percent	–	–	–	34	–	–	8	6
25 to 29 percent	7	7	–	26	9	–	–	10
30 to 34 percent	–	17	–	13	–	–	8	–
35 percent or more	6	23	16	70	–	16	13	33
Not computed	–	–	–	–	–	–	–	–
Median	29.6	34.9	38.1	12.6	10.0–	45.0	24.7	29.0
$35,000 to $49,999	46	52	72	559	19	72	39	232
Less than 20 percent	15	10	63	254	–	63	8	30
20 to 24 percent	–	–	–	29	–	–	7	25
25 to 29 percent	–	4	–	46	–	–	–	28
30 to 34 percent	5	24	9	56	–	9	7	25
35 percent or more	26	14	–	174	19	–	17	124
Not computed	–	–	–	–	–	–	–	–
Median	37.5	32.5	10.2	24.4	41.4	10.2	33.2	36.1
$50,000 or more	73	519	93	1 868	110	88	298	1 079
Less than 20 percent	25	207	77	1 335	61	72	101	350
20 to 24 percent	7	91	–	186	8	–	61	307
25 to 29 percent	19	91	13	178	7	13	61	196
30 to 34 percent	16	60	3	96	25	3	23	126
35 percent or more	6	70	–	73	9	–	52	100
Not computed	–	–	–	–	–	–	–	–
Median	26.2	22.9	12.6	13.1	19.2	12.3	23.9	23.1
Specified renter-occupied housing units	**297**	**2 097**	**833**	**2 477**	**522**	**733**	**787**	**251**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	297	2 097	833	2 477	522	733	787	251
Less than 10 percent	–	18	5	117	–	5	–	8
10 to 14 percent	6	110	97	271	52	78	10	–
15 to 19 percent	10	267	35	401	36	35	97	35
20 to 24 percent	46	276	164	331	49	148	101	52
25 to 29 percent	25	340	91	267	26	91	145	47
30 to 34 percent	30	172	60	195	34	45	73	10
35 to 49 percent	73	444	160	340	89	150	223	53
50 percent or more	76	420	188	484	186	159	138	46
Not computed	31	50	33	71	50	22	–	–
Median	40.0	30.4	30.7	26.6	40.4	29.9	32.8	28.2
Less than $10,000	43	56	139	530	152	95	25	8
Less than 20 percent	–	–	20	34	–	20	–	–
20 to 24 percent	–	–	15	47	11	4	–	–
25 to 29 percent	–	9	4	66	–	4	–	–
30 to 34 percent	–	–	–	–	–	–	–	–
35 percent or more	25	28	71	340	130	49	25	8
Not computed	18	19	29	43	11	18	–	–
Median	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	63	312	209	498	168	189	65	22
Less than 20 percent	–	–	5	25	14	5	–	–
20 to 24 percent	–	–	15	23	4	15	–	–
25 to 29 percent	–	–	–	48	–	–	–	–
30 to 34 percent	–	10	8	59	8	–	–	–
35 percent or more	54	302	181	343	128	169	65	22
Not computed	9	–	–	–	14	–	–	–
Median	50.0+	50.0+	46.8	44.7	48.7	47.0	50.0+	50.0+
$20,000 to $34,999	98	560	308	471	73	301	257	65
Less than 20 percent	3	6	29	48	–	29	–	8
20 to 24 percent	–	6	62	119	14	62	–	–
25 to 29 percent	8	35	70	121	26	70	17	–
30 to 34 percent	23	77	52	90	21	45	26	–
35 percent or more	64	436	91	88	12	91	214	57
Not computed	–	–	4	5	–	4	–	–
Median	41.8	43.0	29.4	27.7	29.3	29.1	42.8	46.0
$35,000 or more	93	1 169	177	978	129	148	440	156
Less than 20 percent	13	389	83	682	74	64	107	35
20 to 24 percent	46	270	72	142	20	67	101	52
25 to 29 percent	17	296	17	32	–	17	128	47
30 to 34 percent	7	85	–	46	5	–	47	10
35 percent or more	6	98	5	53	5	–	57	12
Not computed	4	31	–	23	25	–	–	–
Median	23.4	23.3	20.4	17.0	16.9	20.7	25.5	24.1

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Table 86. Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP					Halawa CDP				
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**1 711**	**1 196**	**402**	**442**	**378**	**2 205**	**529**	**1 281**	**461**	**307**
TENURE										
Owner-occupied housing units	1 306	924	292	284	244	1 875	389	1 146	192	177
Renter-occupied housing units	405	272	110	158	134	330	140	135	269	130
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**1 306**	**924**	**292**	**284**	**244**	**1 875**	**389**	**1 146**	**192**	**177**
1989 to March 1990	–	–	–	–	–	–	–	–	–	–
1985 to 1988	43	43	–	7	7	462	86	291	25	25
1980 to 1984	22	12	10	–	–	102	21	63	–	–
1970 to 1979	678	527	126	141	125	83	17	60	57	42
1960 to 1969	347	212	111	60	49	814	196	500	91	91
1950 to 1959	166	104	36	63	50	408	63	232	19	19
1940 to 1949	35	11	9	13	13	6	6	–	–	–
1939 or earlier	15	15	–	–	–	–	–	–	–	–
Renter-occupied housing units	**405**	**272**	**110**	**158**	**134**	**330**	**140**	**135**	**269**	**130**
1989 to March 1990	–	–	–	–	–	4	–	4	–	–
1985 to 1988	22	9	13	5	5	45	13	32	10	10
1980 to 1984	28	19	9	9	9	4	4	–	–	–
1970 to 1979	165	124	32	41	41	55	25	15	66	26
1960 to 1969	97	50	44	70	50	156	67	49	153	76
1950 to 1959	51	42	5	16	16	59	31	28	34	17
1940 to 1949	42	28	7	13	9	7	–	7	5	–
1939 or earlier	–	–	–	4	4	–	–	–	1	1
BEDROOMS										
Owner-occupied housing units	**1 306**	**924**	**292**	**284**	**244**	**1 875**	**389**	**1 146**	**192**	**177**
None	–	–	–	–	–	30	–	23	–	–
1	73	73	–	13	13	245	46	149	18	18
2	299	243	41	75	35	394	87	224	42	35
3	670	428	167	142	142	796	119	529	71	71
4	142	86	56	48	48	284	76	163	36	36
5 or more	122	94	28	6	6	126	61	58	25	17
Renter-occupied housing units	**405**	**272**	**110**	**158**	**134**	**330**	**140**	**135**	**269**	**130**
None	4	4	–	–	–	12	6	6	18	1
1	33	33	–	21	21	91	25	45	69	40
2	185	112	64	54	46	127	63	39	88	60
3	176	119	46	69	53	81	31	41	51	16
4	3	–	–	14	14	15	15	–	43	13
5 or more	4	4	–	–	–	4	–	4	–	–
SOURCE OF WATER										
Public system or private company	1 705	1 190	402	442	378	2 205	529	1 281	461	307
Individual drilled well	6	6	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL										
Public sewer	1 026	666	268	327	271	2 195	524	1 276	446	296
Septic tank or cesspool	685	530	134	115	107	5	5	–	11	11
Other means	–	–	–	–	–	5	–	5	4	–
KITCHEN FACILITIES										
Complete kitchen facilities	1 702	1 196	393	438	378	2 201	529	1 277	461	307
Lacking complete kitchen facilities	9	–	9	4	–	4	–	4	–	–
HOUSE HEATING FUEL										
Utility gas	3	–	–	–	–	190	77	86	7	–
Bottled, tank, or LP gas	–	–	–	–	–	39	7	20	6	–
Electricity	891	698	153	190	155	1 040	290	590	184	119
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–
Solar energy	63	31	27	9	–	48	6	35	–	–
Other fuel	–	–	–	–	–	–	–	–	–	–
No fuel used	754	467	222	243	223	888	149	550	264	188
VEHICLES AVAILABLE										
None	47	36	11	25	14	102	17	36	99	43
1	396	285	104	132	116	557	94	362	183	103
2	601	383	137	157	136	799	175	473	99	81
3	369	293	54	119	103	468	106	289	42	42
4	246	150	93	–	–	221	109	91	14	14
5 or more	52	49	3	9	9	58	28	30	24	24
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**1 306**	**924**	**292**	**284**	**244**	**1 875**	**389**	**1 146**	**192**	**177**
1989 to March 1990	84	84	–	7	7	207	39	107	11	11
1985 to 1988	254	182	53	38	27	523	132	293	47	47
1980 to 1984	215	161	44	15	10	174	68	80	7	7
1970 to 1979	527	405	87	211	187	304	76	179	63	48
1960 to 1969	164	55	91	–	–	496	62	354	64	64
1959 or earlier	62	37	17	13	13	171	12	133	–	–
Renter-occupied housing units	**405**	**272**	**110**	**158**	**134**	**330**	**140**	**135**	**269**	**130**
1989 to March 1990	123	94	29	54	30	83	45	33	70	32
1985 to 1988	204	115	66	50	50	143	59	52	79	20
1980 to 1984	64	57	7	40	40	53	20	15	50	19
1970 to 1979	9	6	3	14	14	48	16	32	63	52
1960 to 1969	–	–	–	–	–	3	–	3	7	7
1959 or earlier	5	–	5	–	–	–	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**1 306**	**924**	**292**	**284**	**244**	**1 875**	**389**	**1 146**	**192**	**177**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**405**	**272**	**110**	**158**	**134**	**330**	**140**	**135**	**269**	**130**
Lacking complete plumbing facilities	7	7	–	6	6	–	–	–	–	–
1.01 or more	7	7	–	6	6	–	–	–	–	–

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Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Hilo CDP						Honolulu CDP			
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	American Indian	All Asian	Chinese	Filipino
Occupied housing units	**6 845**	**371**	**940**	**5 364**	**2 135**	**2 013**	**438**	**76 030**	**16 206**	**10 718**
TENURE										
Owner-occupied housing units	4 979	260	424	4 198	1 008	987	135	42 315	10 392	4 070
Renter-occupied housing units	1 866	111	516	1 166	1 127	1 026	303	33 715	5 814	6 648
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**4 979**	**260**	**424**	**4 198**	**1 008**	**987**	**135**	**42 315**	**10 392**	**4 070**
1989 to March 1990	72	12	5	55	35	30	–	216	58	30
1985 to 1988	376	29	22	315	99	99	–	1 526	433	200
1980 to 1984	489	34	60	373	122	111	15	2 880	792	222
1970 to 1979	1 414	47	186	1 157	416	416	60	10 707	2 703	1 112
1960 to 1969	1 028	32	74	908	126	121	33	10 667	2 401	1 057
1950 to 1959	747	20	26	689	103	103	20	8 465	1 930	895
1940 to 1949	410	34	39	328	66	66	7	4 233	1 028	392
1939 or earlier	443	52	12	373	41	41	–	3 621	1 047	162
Renter-occupied housing units	**1 866**	**111**	**516**	**1 166**	**1 127**	**1 026**	**303**	**33 715**	**5 814**	**6 648**
1989 to March 1990	–	–	–	–	–	–	–	547	96	169
1985 to 1988	95	–	21	68	44	34	4	948	164	233
1980 to 1984	122	–	28	86	79	79	14	2 140	387	333
1970 to 1979	582	26	168	356	484	413	58	9 862	2 078	1 708
1960 to 1969	406	10	160	225	202	182	88	9 482	1 538	1 969
1950 to 1959	236	10	48	173	135	135	36	5 435	727	1 199
1940 to 1949	147	23	30	94	115	115	38	2 692	418	602
1939 or earlier	278	42	61	164	68	68	65	2 609	406	435
BEDROOMS										
Owner-occupied housing units	**4 979**	**260**	**424**	**4 198**	**1 008**	**987**	**135**	**42 315**	**10 392**	**4 070**
None	23	–	–	23	46	46	–	1 504	381	188
1	283	6	32	245	72	72	8	6 005	1 726	582
2	713	29	59	620	184	173	64	10 031	2 454	970
3	3 279	160	261	2 779	521	511	38	15 521	3 782	1 136
4	532	38	52	435	138	138	20	5 687	1 313	445
5 or more	149	27	20	96	47	47	5	3 567	736	749
Renter-occupied housing units	**1 866**	**111**	**516**	**1 166**	**1 127**	**1 026**	**303**	**33 715**	**5 814**	**6 648**
None	326	19	58	249	111	106	67	7 025	1 295	1 436
1	453	16	133	281	271	228	76	12 729	2 353	2 196
2	523	52	179	278	386	356	130	9 849	1 465	1 835
3	442	15	119	280	245	231	16	3 187	530	876
4	95	–	19	68	80	71	8	606	105	170
5 or more	27	9	8	10	34	34	6	319	66	135
SOURCE OF WATER										
Public system or private company	6 828	366	928	5 364	2 113	1 991	438	75 978	16 201	10 718
Individual drilled well	–	–	–	–	–	–	–	15	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	17	5	12	–	22	22	–	37	5	–
SEWAGE DISPOSAL										
Public sewer	1 755	90	418	1 166	920	814	433	75 009	15 885	10 534
Septic tank or cesspool	5 034	275	522	4 148	1 202	1 186	5	560	173	88
Other means	56	6	–	50	13	13	–	461	148	96
KITCHEN FACILITIES										
Complete kitchen facilities	6 813	371	927	5 345	2 099	1 977	428	75 065	16 098	10 467
Lacking complete kitchen facilities	32	–	13	19	36	36	10	965	108	251
HOUSE HEATING FUEL										
Utility gas	276	21	23	224	56	56	28	5 113	974	1 404
Bottled, tank, or LP gas	269	27	42	200	117	107	–	758	116	199
Electricity	2 926	145	376	2 357	600	573	168	36 764	8 186	4 984
Fuel oil, kerosene, etc.	42	–	–	42	5	5	–	16	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	23	5	–	18	–	–	–	7	7	–
Solar energy	87	6	13	68	–	–	5	968	176	147
Other fuel	–	–	–	–	–	–	–	27	5	8
No fuel used	3 222	167	486	2 455	1 357	1 272	237	32 377	6 742	3 976
VEHICLES AVAILABLE										
None	572	26	115	431	245	220	78	12 301	2 919	1 940
1	2 291	142	326	1 795	806	746	190	30 155	5 917	3 885
2	2 657	132	351	2 073	768	731	151	21 399	4 736	2 841
3	925	37	82	775	257	257	6	7 997	1 762	1 122
4	288	19	46	213	48	48	13	2 827	557	502
5 or more	112	15	20	77	11	11	–	1 351	315	428
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**4 979**	**260**	**424**	**4 198**	**1 008**	**987**	**135**	**42 315**	**10 392**	**4 070**
1989 to March 1990	215	18	30	160	68	53	–	2 839	722	377
1985 to 1988	722	64	61	573	187	181	49	8 070	2 290	957
1980 to 1984	602	36	99	445	155	155	25	4 587	1 139	624
1970 to 1979	1 389	53	147	1 170	385	385	45	9 366	2 110	1 152
1960 to 1969	976	24	44	894	82	82	9	7 694	1 615	538
1959 or earlier	1 075	65	43	956	131	131	7	9 759	2 516	422
Renter-occupied housing units	**1 866**	**111**	**516**	**1 166**	**1 127**	**1 026**	**303**	**33 715**	**5 814**	**6 648**
1989 to March 1990	527	26	190	292	440	353	145	8 986	1 602	2 086
1985 to 1988	648	26	162	423	465	451	68	11 334	1 949	2 477
1980 to 1984	306	5	78	211	153	153	44	5 973	1 091	1 039
1970 to 1979	188	16	46	121	61	61	46	4 768	761	814
1960 to 1969	143	26	40	77	5	5	–	1 682	236	150
1959 or earlier	54	12	–	42	3	3	–	972	175	82
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**4 979**	**260**	**424**	**4 198**	**1 008**	**987**	**135**	**42 315**	**10 392**	**4 070**
Lacking complete plumbing facilities	16	–	–	16	–	–	–	98	30	5
1.01 or more	–	–	–	–	–	–	–	17	14	–
Renter-occupied housing units	**1 866**	**111**	**516**	**1 166**	**1 127**	**1 026**	**303**	**33 715**	**5 814**	**6 648**
Lacking complete plumbing facilities	14	–	8	6	–	–	22	374	50	152
1.01 or more	–	–	–	–	–	–	14	168	19	49

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Honolulu CDP—Con.							Kahului CDP		
	Japanese	Korean	Vietnamese	Laotian	All Pacific Islander	Hawaiian	Samoan	All Asian	Filipino	Japanese
Occupied housing units	**41 533**	**5 172**	**1 199**	**300**	**10 566**	**8 628**	**1 248**	**3 487**	**1 343**	**1 913**
TENURE										
Owner-occupied housing units	25 605	1 856	112	10	3 374	3 278	44	2 445	904	1 406
Renter-occupied housing units	15 928	3 316	1 087	290	7 192	5 350	1 204	1 042	439	507
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**25 605**	**1 856**	**112**	**10**	**3 374**	**3 278**	**44**	**2 445**	**904**	**1 406**
1989 to March 1990	128	–	–	–	27	27	–	12	4	8
1985 to 1988	777	82	19	–	107	107	–	102	63	39
1980 to 1984	1 580	263	8	–	229	224	–	284	198	61
1970 to 1979	6 026	725	43	–	633	624	9	631	325	267
1960 to 1969	6 705	421	28	–	889	848	22	745	201	516
1950 to 1959	5 426	167	8	10	788	758	13	572	109	440
1940 to 1949	2 700	87	–	–	360	353	–	77	–	67
1939 or earlier	2 263	111	6	–	341	337	–	22	4	8
Renter-occupied housing units	**15 928**	**3 316**	**1 087**	**290**	**7 192**	**5 350**	**1 204**	**1 042**	**439**	**507**
1989 to March 1990	160	74	26	6	96	54	21	26	14	–
1985 to 1988	295	157	72	–	218	143	38	39	17	22
1980 to 1984	984	330	66	7	396	275	69	227	106	115
1970 to 1979	4 284	1 244	302	49	1 691	1 381	181	426	194	180
1960 to 1969	4 495	901	277	141	2 390	1 599	560	205	72	122
1950 to 1959	2 836	354	181	29	1 319	1 006	218	88	21	52
1940 to 1949	1 373	84	92	42	538	418	78	12	–	12
1939 or earlier	1 501	172	71	16	544	474	39	19	15	4
BEDROOMS										
Owner-occupied housing units	**25 605**	**1 856**	**112**	**10**	**3 374**	**3 278**	**44**	**2 445**	**904**	**1 406**
None	793	96	17	–	81	72	–	8	–	–
1	3 208	413	11	10	468	444	–	113	86	23
2	5 848	617	53	–	796	754	28	537	214	264
3	10 029	497	17	–	1 191	1 177	9	1 441	402	975
4	3 757	152	6	–	552	552	–	226	129	97
5 or more	1 970	81	8	–	286	279	7	120	73	47
Renter-occupied housing units	**15 928**	**3 316**	**1 087**	**290**	**7 192**	**5 350**	**1 204**	**1 042**	**439**	**507**
None	2 916	931	259	61	1 338	1 055	167	133	56	71
1	5 957	1 396	418	91	2 501	1 856	371	335	126	158
2	5 264	791	262	85	2 287	1 690	428	318	141	149
3	1 440	170	94	37	773	577	146	231	104	116
4	233	28	54	16	223	125	76	13	–	13
5 or more	118	–	–	–	70	47	16	12	12	–
SOURCE OF WATER										
Public system or private company	41 497	5 161	1 199	300	10 534	8 596	1 248	3 482	1 338	1 913
Individual drilled well	9	6	–	–	8	8	–	–	–	–
Individual dug well	–	–	–	–	12	12	–	–	–	–
Some other source	27	5	–	–	12	12	–	5	5	–
SEWAGE DISPOSAL										
Public sewer	41 138	5 094	1 180	281	10 417	8 506	1 228	3 456	1 321	1 904
Septic tank or cesspool	261	31	2	–	113	106	–	23	14	9
Other means	134	47	17	19	36	16	20	8	8	–
KITCHEN FACILITIES										
Complete kitchen facilities	41 109	5 047	1 163	293	10 312	8 484	1 194	3 462	1 334	1 908
Lacking complete kitchen facilities	424	125	36	7	254	144	54	25	9	5
HOUSE HEATING FUEL										
Utility gas	2 251	328	122	18	726	633	86	72	41	13
Bottled, tank, or LP gas	328	83	32	–	89	85	4	122	97	25
Electricity	19 844	2 619	528	210	4 715	3 841	596	1 786	582	1 060
Fuel oil, kerosene, etc.	16	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–
Solar energy	571	33	23	3	135	67	68	244	108	127
Other fuel	14	–	–	–	8	8	–	–	–	–
No fuel used	18 509	2 109	494	69	4 893	3 994	494	1 263	515	688
VEHICLES AVAILABLE										
None	5 780	1 017	340	120	2 140	1 484	450	253	70	165
1	16 798	2 409	582	98	4 350	3 412	584	872	214	608
2	12 054	1 277	204	67	2 746	2 468	173	1 179	457	627
3	4 709	318	58	15	860	818	17	754	335	403
4	1 636	120	7	–	297	284	13	235	108	96
5 or more	556	31	8	–	173	162	11	194	159	14
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**25 605**	**1 856**	**112**	**10**	**3 374**	**3 278**	**44**	**2 445**	**904**	**1 406**
1989 to March 1990	1 441	253	21	–	230	198	–	49	29	15
1985 to 1988	4 094	585	59	–	366	348	9	293	184	105
1980 to 1984	2 446	304	32	10	387	387	–	324	189	110
1970 to 1979	5 736	310	–	–	787	787	–	640	267	339
1960 to 1969	5 300	203	–	–	682	653	22	718	196	478
1959 or earlier	6 588	201	–	–	922	905	13	421	39	359
Renter-occupied housing units	**15 928**	**3 316**	**1 087**	**290**	**7 192**	**5 350**	**1 204**	**1 042**	**439**	**507**
1989 to March 1990	3 396	1 059	506	66	2 120	1 434	340	240	120	80
1985 to 1988	4 923	1 269	352	124	2 649	1 994	472	374	146	183
1980 to 1984	2 938	559	201	81	1 149	851	220	251	141	110
1970 to 1979	2 771	330	28	14	811	650	138	97	28	58
1960 to 1969	1 219	70	–	–	302	279	23	54	4	50
1959 or earlier	681	29	–	5	161	142	11	26	–	26
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**25 605**	**1 856**	**112**	**10**	**3 374**	**3 278**	**44**	**2 445**	**904**	**1 406**
Lacking complete plumbing facilities	63	–	–	–	–	–	–	11	–	–
1.01 or more	3	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**15 928**	**3 316**	**1 087**	**290**	**7 192**	**5 350**	**1 204**	**1 042**	**439**	**507**
Lacking complete plumbing facilities	79	40	46	7	141	83	50	5	–	5
1.01 or more	23	31	39	7	72	26	46	–	–	–

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kahului CDP—Con.		Kailua CDP, Honolulu County						Kaneohe CDP	
	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Chinese
Occupied housing units	**566**	**489**	**2 701**	**498**	**364**	**1 703**	**1 267**	**1 208**	**5 013**	**823**
TENURE										
Owner-occupied housing units	135	121	2 375	468	244	1 559	834	812	4 369	733
Renter-occupied housing units	431	368	326	30	120	144	433	396	644	90
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**135**	**121**	**2 375**	**468**	**244**	**1 559**	**834**	**812**	**4 369**	**733**
1989 to March 1990	–	–	19	–	–	13	–	–	65	6
1985 to 1988	13	13	170	38	6	126	36	29	554	120
1980 to 1984	–	–	115	16	18	81	37	37	293	21
1970 to 1979	47	37	622	140	35	424	107	107	712	154
1960 to 1969	25	21	539	95	81	333	243	236	1 603	192
1950 to 1959	45	45	630	118	70	417	308	300	955	196
1940 to 1949	–	–	222	50	34	118	87	87	144	29
1939 or earlier	5	5	58	11	–	47	16	16	43	15
Renter-occupied housing units	**431**	**368**	**326**	**30**	**120**	**144**	**433**	**396**	**644**	**90**
1989 to March 1990	–	–	9	–	–	9	6	6	5	–
1985 to 1988	16	16	12	–	3	9	50	43	29	–
1980 to 1984	124	103	27	16	7	4	29	29	43	–
1970 to 1979	164	156	54	8	23	14	57	44	169	7
1960 to 1969	68	50	83	–	34	41	104	97	189	46
1950 to 1959	40	24	88	6	37	38	124	124	133	17
1940 to 1949	19	19	43	–	6	29	52	42	25	–
1939 or earlier	–	–	10	–	10	–	11	11	51	20
BEDROOMS										
Owner-occupied housing units	**135**	**121**	**2 375**	**468**	**244**	**1 559**	**834**	**812**	**4 369**	**733**
None	–	–	12	7	–	–	3	3	43	16
1	–	–	146	25	11	104	65	65	276	48
2	33	23	278	83	26	163	146	146	607	133
3	73	73	1 217	219	83	843	387	387	2 527	414
4	24	20	554	119	88	336	172	150	691	90
5 or more	5	5	168	15	36	113	61	61	225	32
Renter-occupied housing units	**431**	**368**	**326**	**30**	**120**	**144**	**433**	**396**	**644**	**90**
None	45	45	20	–	2	18	19	19	31	9
1	91	84	78	18	37	14	71	71	107	11
2	151	119	77	–	55	20	148	135	204	17
3	112	101	128	12	15	88	162	145	254	43
4	32	19	23	–	11	4	28	21	34	–
5 or more	–	–	–	–	–	–	5	5	14	10
SOURCE OF WATER										
Public system or private company	566	489	2 701	498	364	1 703	1 267	1 208	5 013	823
Individual drilled well	–	–	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL										
Public sewer	549	472	2 671	498	359	1 678	1 250	1 191	4 931	811
Septic tank or cesspool	7	7	30	–	5	25	17	17	82	12
Other means	10	10	–	–	–	–	–	–	–	–
KITCHEN FACILITIES										
Complete kitchen facilities	556	479	2 684	498	357	1 696	1 222	1 163	4 984	810
Lacking complete kitchen facilities	10	10	17	–	7	7	45	45	29	13
HOUSE HEATING FUEL										
Utility gas	9	9	104	20	14	64	24	24	94	15
Bottled, tank, or LP gas	14	4	18	13	–	5	11	11	67	23
Electricity	265	227	1 157	214	170	742	483	476	2 369	382
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–
Solar energy	31	27	70	34	–	31	8	8	75	22
Other fuel	–	–	–	–	–	–	–	–	4	–
No fuel used	247	222	1 352	217	180	861	741	689	2 404	381
VEHICLES AVAILABLE										
None	57	57	94	14	28	47	29	29	149	19
1	166	145	576	98	98	336	302	292	1 155	202
2	233	206	1 210	231	136	804	558	537	2 115	360
3	70	41	527	98	57	333	273	245	913	124
4	30	30	211	45	34	123	60	60	457	85
5 or more	10	10	83	12	11	60	45	45	224	33
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**135**	**121**	**2 375**	**468**	**244**	**1 559**	**834**	**812**	**4 369**	**733**
1989 to March 1990	–	–	130	48	–	66	68	68	308	73
1985 to 1988	36	22	400	57	43	275	125	118	837	180
1980 to 1984	4	4	262	55	31	154	62	62	422	36
1970 to 1979	47	47	689	133	91	440	207	192	885	110
1960 to 1969	22	22	449	74	56	319	213	213	1 394	216
1959 or earlier	26	26	445	101	23	305	159	159	523	118
Renter-occupied housing units	**431**	**368**	**326**	**30**	**120**	**144**	**433**	**396**	**644**	**90**
1989 to March 1990	168	150	121	6	65	35	99	92	185	4
1985 to 1988	119	86	75	18	14	26	201	181	165	15
1980 to 1984	101	94	91	6	32	53	82	72	163	51
1970 to 1979	34	29	13	–	9	4	39	39	85	17
1960 to 1969	9	9	21	–	–	21	5	5	34	3
1959 or earlier	–	–	5	–	–	5	7	7	12	–
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**135**	**121**	**2 375**	**468**	**244**	**1 559**	**834**	**812**	**4 369**	**733**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	12	12
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**431**	**368**	**326**	**30**	**120**	**144**	**433**	**396**	**644**	**90**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe CDP—Con.				Kihei CDP				Mililani Town CDP	
	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	All Pacific Islander	Hawaiian	All Asian	Chinese
Occupied housing units	**527**	**3 433**	**1 381**	**1 294**	**727**	**441**	**317**	**289**	**4 358**	**433**
TENURE										
Owner-occupied housing units	378	3 063	738	709	499	304	177	177	4 129	412
Renter-occupied housing units	149	370	643	585	228	137	140	112	229	21
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**378**	**3 063**	**738**	**709**	**499**	**304**	**177**	**177**	**4 129**	**412**
1989 to March 1990	–	53	7	7	14	–	9	9	236	15
1985 to 1988	86	339	116	107	138	80	84	84	781	59
1980 to 1984	51	197	45	45	92	59	7	7	512	63
1970 to 1979	66	446	126	118	214	150	41	41	2 249	242
1960 to 1969	101	1 234	241	235	32	15	36	36	346	33
1950 to 1959	64	666	152	146	–	–	–	–	–	–
1940 to 1949	10	100	38	38	9	–	–	–	5	–
1939 or earlier	–	28	13	13	–	–	–	–	–	–
Renter-occupied housing units	**149**	**370**	**643**	**585**	**228**	**137**	**140**	**112**	**229**	**21**
1989 to March 1990	–	5	–	–	33	16	–	–	6	–
1985 to 1988	4	25	18	13	22	16	10	10	20	4
1980 to 1984	17	26	21	16	19	5	49	34	39	–
1970 to 1979	36	103	211	187	138	84	74	61	145	17
1960 to 1969	39	100	230	211	–	–	–	–	4	–
1950 to 1959	42	66	115	115	–	–	–	–	15	–
1940 to 1949	5	20	32	27	5	5	–	–	–	–
1939 or earlier	6	25	16	16	11	11	7	7	–	–
BEDROOMS										
Owner-occupied housing units	**378**	**3 063**	**738**	**709**	**499**	**304**	**177**	**177**	**4 129**	**412**
None	10	17	10	10	–	–	–	–	30	–
1	32	190	67	67	16	–	16	16	321	39
2	70	378	104	104	148	76	59	59	886	87
3	177	1 803	420	406	181	118	83	83	1 857	169
4	48	528	92	77	79	35	7	7	901	88
5 or more	41	147	45	45	75	75	12	12	134	29
Renter-occupied housing units	**149**	**370**	**643**	**585**	**228**	**137**	**140**	**112**	**229**	**21**
None	8	14	–	–	11	11	–	–	–	–
1	31	55	101	85	39	28	31	31	37	–
2	50	112	140	128	87	42	44	44	101	4
3	55	156	284	263	75	40	65	37	63	10
4	5	29	111	102	16	16	–	–	21	–
5 or more	–	4	7	7	–	–	–	–	7	7
SOURCE OF WATER										
Public system or private company	527	3 433	1 376	1 294	727	441	317	289	4 358	433
Individual drilled well	–	–	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	5	–	–	–	–	–	–	–
SEWAGE DISPOSAL										
Public sewer	527	3 369	1 340	1 258	717	431	275	262	4 350	433
Septic tank or cesspool	–	64	36	36	10	10	42	27	–	–
Other means	–	–	5	–	–	–	–	–	8	–
KITCHEN FACILITIES										
Complete kitchen facilities	517	3 427	1 370	1 288	716	430	302	289	4 344	419
Lacking complete kitchen facilities	10	6	11	6	11	11	15	–	14	14
HOUSE HEATING FUEL										
Utility gas	18	61	57	57	–	–	–	–	26	–
Bottled, tank, or LP gas	17	27	36	36	14	14	7	7	–	–
Electricity	252	1 623	388	373	214	101	91	91	2 360	231
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	5	–	–	–	–	–	–	–
Solar energy	–	53	5	–	72	33	7	7	167	23
Other fuel	–	–	–	–	–	–	–	–	–	–
No fuel used	240	1 669	890	828	427	293	212	184	1 805	179
VEHICLES AVAILABLE										
None	–	125	65	42	25	25	9	9	52	9
1	151	745	388	369	121	75	75	75	746	65
2	207	1 447	584	554	309	147	117	117	2 441	242
3	85	653	194	188	155	94	59	59	763	95
4	54	302	95	86	98	81	32	17	304	22
5 or more	30	161	55	55	19	19	25	12	52	–
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**378**	**3 063**	**738**	**709**	**499**	**304**	**177**	**177**	**4 129**	**412**
1989 to March 1990	12	206	35	27	48	7	26	26	530	49
1985 to 1988	115	507	178	163	195	148	84	84	1 132	80
1980 to 1984	67	294	99	99	101	64	9	9	622	71
1970 to 1979	83	634	161	161	129	85	31	31	1 678	191
1960 to 1969	83	1 040	140	140	17	–	27	27	167	21
1959 or earlier	18	382	125	119	9	–	–	–	–	–
Renter-occupied housing units	**149**	**370**	**643**	**585**	**228**	**137**	**140**	**112**	**229**	**21**
1989 to March 1990	53	104	127	115	89	52	57	29	111	10
1985 to 1988	46	93	238	205	123	69	64	64	88	11
1980 to 1984	31	81	157	152	11	11	12	12	–	–
1970 to 1979	19	49	95	95	–	–	7	7	30	–
1960 to 1969	–	31	19	11	–	–	–	–	–	–
1959 or earlier	–	12	7	7	5	5	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**378**	**3 063**	**738**	**709**	**499**	**304**	**177**	**177**	**4 129**	**412**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**149**	**370**	**643**	**585**	**228**	**137**	**140**	**112**	**229**	**21**
Lacking complete plumbing facilities	–	–	5	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP—Con.				Pearl City CDP			
	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese
Occupied housing units	**918**	**2 763**	**629**	**564**	**5 556**	**392**	**1 080**	**3 901**
TENURE								
Owner-occupied housing units	811	2 676	481	449	4 872	329	862	3 533
Renter-occupied housing units	107	87	148	115	684	63	218	368
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**811**	**2 676**	**481**	**449**	**4 872**	**329**	**862**	**3 533**
1989 to March 1990	48	150	21	21	10	–	10	–
1985 to 1988	136	544	44	37	148	–	109	34
1980 to 1984	102	313	118	105	52	6	14	20
1970 to 1979	438	1 451	267	255	972	45	170	734
1960 to 1969	87	213	31	31	2 662	155	458	1 981
1950 to 1959	–	–	–	–	968	118	89	721
1940 to 1949	–	5	–	–	29	–	–	29
1939 or earlier	–	–	–	–	31	5	12	14
Renter-occupied housing units	**107**	**87**	**148**	**115**	**684**	**63**	**218**	**368**
1989 to March 1990	–	–	–	–	–	–	–	–
1985 to 1988	4	12	24	18	52	17	19	10
1980 to 1984	26	8	9	9	97	4	39	37
1970 to 1979	73	52	77	69	213	15	61	133
1960 to 1969	4	–	38	19	182	23	58	93
1950 to 1959	–	15	–	–	83	4	22	57
1940 to 1949	–	–	–	–	47	–	19	28
1939 or earlier	–	–	–	–	10	–	–	10
BEDROOMS								
Owner-occupied housing units	**811**	**2 676**	**481**	**449**	**4 872**	**329**	**862**	**3 533**
None	13	17	5	5	5	5	–	–
1	105	154	42	42	101	15	27	47
2	265	501	78	72	666	41	231	369
3	311	1 274	226	200	2 779	184	419	2 096
4	94	659	125	125	1 018	71	99	821
5 or more	23	71	5	5	303	13	86	200
Renter-occupied housing units	**107**	**87**	**148**	**115**	**684**	**63**	**218**	**368**
None	–	–	12	12	56	–	27	29
1	34	3	11	11	173	8	56	97
2	31	52	41	41	173	25	57	87
3	27	26	71	38	259	30	74	136
4	15	6	13	13	19	–	4	15
5 or more	–	–	–	–	4	–	–	4
SOURCE OF WATER								
Public system or private company	918	2 763	629	564	5 550	392	1 080	3 895
Individual drilled well	–	–	–	–	6	–	–	6
Individual dug well	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL								
Public sewer	918	2 755	623	558	5 516	392	1 067	3 874
Septic tank or cesspool	–	–	6	6	27	–	–	27
Other means	–	8	–	–	13	–	13	–
KITCHEN FACILITIES								
Complete kitchen facilities	918	2 763	629	564	5 507	392	1 068	3 864
Lacking complete kitchen facilities	–	–	–	–	49	–	12	37
HOUSE HEATING FUEL								
Utility gas	12	14	3	3	–	–	–	–
Bottled, tank, or LP gas	–	–	–	–	18	–	9	9
Electricity	486	1 503	264	245	2 726	179	597	1 862
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–
Solar energy	36	103	26	13	182	11	4	153
Other fuel	–	–	–	–	–	–	–	–
No fuel used	384	1 143	336	303	2 630	202	470	1 877
VEHICLES AVAILABLE								
None	13	23	7	7	174	10	33	131
1	141	485	164	156	1 025	73	203	687
2	463	1 615	334	277	2 019	174	413	1 381
3	199	417	84	84	1 457	65	241	1 104
4	83	190	27	27	621	27	123	460
5 or more	19	33	13	13	260	43	67	138
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**811**	**2 676**	**481**	**449**	**4 872**	**329**	**862**	**3 533**
1989 to March 1990	86	311	62	56	119	–	51	57
1985 to 1988	208	783	144	137	423	11	191	192
1980 to 1984	154	364	99	86	233	23	69	141
1970 to 1979	333	1 111	165	159	1 630	105	252	1 244
1960 to 1969	30	107	11	11	1 761	109	258	1 333
1959 or earlier	–	–	–	–	706	81	41	566
Renter-occupied housing units	**107**	**87**	**148**	**115**	**684**	**63**	**218**	**368**
1989 to March 1990	53	37	82	74	183	12	65	92
1985 to 1988	54	20	47	41	296	32	99	144
1980 to 1984	–	–	12	–	88	14	19	55
1970 to 1979	–	30	–	–	96	5	35	56
1960 to 1969	–	–	7	–	12	–	–	12
1959 or earlier	–	–	–	–	9	–	–	9
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**811**	**2 676**	**481**	**449**	**4 872**	**329**	**862**	**3 533**
Lacking complete plumbing facilities	–	–	–	–	4	–	–	4
1.01 or more	–	–	–	–	–	–	–	–
Renter-occupied housing units	**107**	**87**	**148**	**115**	**684**	**63**	**218**	**368**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Pearl City CDP—Con.		Wahiawa CDP					Wailuku CDP		
	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese
Occupied housing units	**651**	**544**	**3 122**	**941**	**1 648**	**575**	**475**	**1 980**	**393**	**1 404**
TENURE										
Owner-occupied housing units	383	333	2 089	386	1 395	86	74	1 291	172	1 015
Renter-occupied housing units	268	211	1 033	555	253	489	401	689	221	389
YEAR STRUCTURE BUILT										
Owner-occupied housing units	**383**	**333**	**2 089**	**386**	**1 395**	**86**	**74**	**1 291**	**172**	**1 015**
1989 to March 1990	–	–	–	–	–	–	–	22	6	11
1985 to 1988	28	28	70	28	16	14	7	110	7	99
1980 to 1984	23	23	65	21	33	14	14	100	28	44
1970 to 1979	78	57	109	17	84	15	10	193	43	138
1960 to 1969	198	169	386	68	274	17	17	190	24	160
1950 to 1959	56	56	846	130	634	16	16	202	23	163
1940 to 1949	–	–	378	87	229	–	–	227	14	196
1939 or earlier	–	–	235	35	125	10	10	247	27	204
Renter-occupied housing units	**268**	**211**	**1 033**	**555**	**253**	**489**	**401**	**689**	**221**	**389**
1989 to March 1990	–	–	–	–	–	–	–	4	4	–
1985 to 1988	12	12	59	51	2	52	37	29	16	13
1980 to 1984	48	25	69	41	4	48	33	63	37	20
1970 to 1979	63	52	70	58	–	47	34	147	38	88
1960 to 1969	101	85	297	156	95	111	99	124	50	69
1950 to 1959	26	26	259	92	87	69	62	116	48	48
1940 to 1949	11	11	146	71	45	110	89	81	3	60
1939 or earlier	7	–	133	86	20	52	47	125	25	91
BEDROOMS										
Owner-occupied housing units	**383**	**333**	**2 089**	**386**	**1 395**	**86**	**74**	**1 291**	**172**	**1 015**
None	–	–	47	17	18	–	–	9	5	4
1	5	5	109	23	44	10	10	70	8	50
2	70	59	395	122	192	15	15	221	24	165
3	201	178	989	136	746	43	38	668	107	539
4	85	69	392	48	306	7	–	233	21	194
5 or more	22	22	157	40	89	11	11	90	7	63
Renter-occupied housing units	**268**	**211**	**1 033**	**555**	**253**	**489**	**401**	**689**	**221**	**389**
None	14	7	83	29	21	45	45	61	26	35
1	24	12	339	157	87	101	91	306	102	166
2	93	84	344	184	97	209	152	144	39	73
3	115	93	247	165	48	97	83	154	39	115
4	22	15	20	20	–	30	23	24	15	–
5 or more	–	–	–	–	–	7	7	–	–	–
SOURCE OF WATER										
Public system or private company	651	544	3 122	941	1 648	575	475	1 980	393	1 404
Individual drilled well	–	–	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL										
Public sewer	628	536	3 057	941	1 596	575	475	1 892	372	1 355
Septic tank or cesspool	15	–	45	–	32	–	–	83	21	49
Other means	8	8	20	–	20	–	–	5	–	–
KITCHEN FACILITIES										
Complete kitchen facilities	651	544	3 077	918	1 626	575	475	1 959	393	1 383
Lacking complete kitchen facilities	–	–	45	23	22	–	–	21	–	21
HOUSE HEATING FUEL										
Utility gas	–	–	30	8	17	29	24	5	–	5
Bottled, tank, or LP gas	4	4	70	22	30	–	–	85	13	69
Electricity	335	291	2 041	672	1 032	325	275	909	110	725
Fuel oil, kerosene, etc.	–	–	6	–	6	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–	–
Solar energy	15	15	21	–	21	–	–	102	34	59
Other fuel	–	–	–	–	–	–	–	–	–	–
No fuel used	297	234	954	239	542	221	176	879	236	546
VEHICLES AVAILABLE										
None	28	28	358	107	163	86	50	90	24	66
1	144	111	946	270	490	259	215	701	104	515
2	217	175	974	347	518	189	177	715	157	505
3	165	149	532	147	298	16	8	290	58	190
4	72	56	248	46	143	11	11	129	44	85
5 or more	25	25	64	24	36	14	14	55	6	43
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	**383**	**333**	**2 089**	**386**	**1 395**	**86**	**74**	**1 291**	**172**	**1 015**
1989 to March 1990	30	22	67	45	15	20	13	67	24	38
1985 to 1988	38	34	242	100	93	8	8	201	18	169
1980 to 1984	39	39	163	39	82	8	8	118	31	65
1970 to 1979	116	95	322	90	206	23	18	226	36	178
1960 to 1969	132	115	473	54	357	27	27	240	32	196
1959 or earlier	28	28	822	58	642	–	–	439	31	369
Renter-occupied housing units	**268**	**211**	**1 033**	**555**	**253**	**489**	**401**	**689**	**221**	**389**
1989 to March 1990	79	64	232	109	42	107	102	155	72	39
1985 to 1988	140	98	369	240	70	229	175	297	116	160
1980 to 1984	34	34	125	65	40	103	81	116	20	91
1970 to 1979	15	15	200	111	52	50	43	31	5	17
1960 to 1969	–	–	66	25	29	–	–	61	8	53
1959 or earlier	–	–	41	5	20	–	–	29	–	29
PLUMBING FACILITIES BY PERSONS PER ROOM										
Owner-occupied housing units	**383**	**333**	**2 089**	**386**	**1 395**	**86**	**74**	**1 291**	**172**	**1 015**
Lacking complete plumbing facilities	–	–	28	7	21	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**268**	**211**	**1 033**	**555**	**253**	**489**	**401**	**689**	**221**	**389**
Lacking complete plumbing facilities	7	–	5	5	–	–	–	–	–	–
1.01 or more	7	–	5	5	–	–	–	–	–	–

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Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Wailuku CDP—Con.		Waimalu CDP						
	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese	Korean	All Pacific Islander	Hawaiian
Occupied housing units	**600**	**584**	**5 393**	**660**	**980**	**3 451**	**220**	**649**	**560**
TENURE									
Owner-occupied housing units	253	248	4 507	547	662	3 110	147	390	349
Renter-occupied housing units	347	336	886	113	318	341	73	259	211
YEAR STRUCTURE BUILT									
Owner-occupied housing units	**253**	**248**	**4 507**	**547**	**662**	**3 110**	**147**	**390**	**349**
1989 to March 1990	–	–	47	7	5	35	–	–	–
1985 to 1988	17	17	694	93	41	542	13	44	37
1980 to 1984	23	23	553	56	97	360	33	33	33
1970 to 1979	38	33	2 573	303	411	1 762	68	272	238
1960 to 1969	41	41	246	52	48	121	25	20	20
1950 to 1959	47	47	365	36	53	270	6	21	21
1940 to 1949	33	33	4	–	–	4	–	–	–
1939 or earlier	54	54	25	–	7	16	2	–	–
Renter-occupied housing units	**347**	**336**	**886**	**113**	**318**	**341**	**73**	**259**	**211**
1989 to March 1990	15	15	5	–	5	–	–	–	–
1985 to 1988	26	15	63	6	26	23	8	22	22
1980 to 1984	29	29	173	6	37	86	26	71	42
1970 to 1979	32	32	444	86	145	151	39	91	82
1960 to 1969	99	99	114	15	67	32	–	44	44
1950 to 1959	75	75	75	–	38	37	–	23	13
1940 to 1949	24	24	12	–	–	12	–	–	–
1939 or earlier	47	47	–	–	–	–	–	8	8
BEDROOMS									
Owner-occupied housing units	**253**	**248**	**4 507**	**547**	**662**	**3 110**	**147**	**390**	**349**
None	–	–	95	7	52	28	8	9	9
1	25	25	373	33	98	240	2	44	44
2	72	67	1 032	172	122	661	62	111	88
3	103	103	2 122	225	286	1 535	58	178	166
4	40	40	650	57	34	544	7	16	16
5 or more	13	13	235	53	70	102	10	32	26
Renter-occupied housing units	**347**	**336**	**886**	**113**	**318**	**341**	**73**	**259**	**211**
None	34	34	119	20	36	46	9	7	7
1	142	131	191	11	78	70	32	75	63
2	62	62	346	48	144	111	25	105	69
3	78	78	188	34	51	81	7	51	51
4	9	9	33	–	–	33	–	21	21
5 or more	22	22	9	–	9	–	–	–	–
SOURCE OF WATER									
Public system or private company	600	584	5 383	660	980	3 441	220	642	553
Individual drilled well	–	–	10	–	–	10	–	7	7
Individual dug well	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL									
Public sewer	550	534	5 359	660	971	3 426	220	649	560
Septic tank or cesspool	43	43	20	–	–	20	–	–	–
Other means	7	7	14	–	9	5	–	–	–
KITCHEN FACILITIES									
Complete kitchen facilities	592	576	5 381	660	974	3 445	220	649	560
Lacking complete kitchen facilities	8	8	12	–	6	6	–	–	–
HOUSE HEATING FUEL									
Utility gas	14	14	141	29	42	70	–	31	31
Bottled, tank, or LP gas	43	43	28	10	–	18	–	–	–
Electricity	215	204	2 769	328	510	1 798	105	329	280
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	7	7	–	–	–	–	–	–	–
Solar energy	16	16	106	21	–	79	6	–	–
Other fuel	–	–	–	–	–	–	–	–	–
No fuel used	305	300	2 349	272	428	1 486	109	289	249
VEHICLES AVAILABLE									
None	23	23	208	25	57	92	34	27	15
1	226	215	1 386	165	277	903	23	218	180
2	185	185	2 469	331	367	1 609	105	216	197
3	86	81	866	94	167	558	40	123	112
4	56	56	330	45	45	240	–	51	42
5 or more	24	24	134	–	67	49	18	14	14
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**253**	**248**	**4 507**	**547**	**662**	**3 110**	**147**	**390**	**349**
1989 to March 1990	–	–	526	31	108	366	16	39	28
1985 to 1988	41	36	1 450	217	273	913	34	141	122
1980 to 1984	18	18	723	60	92	500	48	57	52
1970 to 1979	39	39	1 434	186	129	1 076	43	139	133
1960 to 1969	45	45	158	17	28	113	–	–	–
1959 or earlier	110	110	216	36	32	142	6	14	14
Renter-occupied housing units	**347**	**336**	**886**	**113**	**318**	**341**	**73**	**259**	**211**
1989 to March 1990	87	87	363	94	89	138	35	133	109
1985 to 1988	144	133	294	19	114	103	32	91	67
1980 to 1984	31	31	99	–	63	36	–	7	7
1970 to 1979	64	64	102	–	47	41	6	28	28
1960 to 1969	14	14	12	–	5	7	–	–	–
1959 or earlier	7	7	16	–	–	16	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**253**	**248**	**4 507**	**547**	**662**	**3 110**	**147**	**390**	**349**
Lacking complete plumbing facilities	5	5	9	–	5	4	–	–	–
1.01 or more	–	–	4	–	–	4	–	–	–
Renter-occupied housing units	**347**	**336**	**886**	**113**	**318**	**341**	**73**	**259**	**211**
Lacking complete plumbing facilities	18	7	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 86. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Waipahu CDP						Waipio CDP		
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	Samoan	All Asian	Filipino	Japanese
Occupied housing units	**4 961**	**2 965**	**1 672**	**1 129**	**853**	**208**	**2 160**	**554**	**1 295**
TENURE									
Owner-occupied housing units	3 401	1 930	1 328	189	164	20	1 925	436	1 206
Renter-occupied housing units	1 560	1 035	344	940	689	188	235	118	89
YEAR STRUCTURE BUILT									
Owner-occupied housing units	**3 401**	**1 930**	**1 328**	**189**	**164**	**20**	**1 925**	**436**	**1 206**
1989 to March 1990	17	12	–	–	–	–	22	–	22
1985 to 1988	183	162	21	–	–	–	631	119	474
1980 to 1984	165	147	18	8	8	–	786	159	458
1970 to 1979	844	589	244	44	34	5	335	108	159
1960 to 1969	1 639	820	706	115	106	9	151	50	93
1950 to 1959	482	158	310	22	16	6	–	–	–
1940 to 1949	44	15	29	–	–	–	–	–	–
1939 or earlier	27	27	–	–	–	–	–	–	–
Renter-occupied housing units	**1 560**	**1 035**	**344**	**940**	**689**	**188**	**235**	**118**	**89**
1989 to March 1990	–	–	–	20	20	–	24	12	12
1985 to 1988	122	93	19	67	39	28	115	71	35
1980 to 1984	257	173	63	105	81	17	72	35	26
1970 to 1979	379	232	64	282	164	80	24	–	16
1960 to 1969	449	282	122	281	244	37	–	–	–
1950 to 1959	191	123	56	132	94	20	–	–	–
1940 to 1949	87	83	4	33	33	–	–	–	–
1939 or earlier	75	49	16	20	14	6	–	–	–
BEDROOMS									
Owner-occupied housing units	**3 401**	**1 930**	**1 328**	**189**	**164**	**20**	**1 925**	**436**	**1 206**
None	–	–	–	–	–	–	74	17	49
1	224	147	69	9	9	–	209	49	132
2	480	343	102	31	31	–	671	143	426
3	1 649	743	822	97	78	14	825	178	521
4	523	249	267	32	26	6	119	22	78
5 or more	525	448	68	20	20	–	27	27	–
Renter-occupied housing units	**1 560**	**1 035**	**344**	**940**	**689**	**188**	**235**	**118**	**89**
None	88	53	35	43	37	6	8	8	–
1	402	257	97	231	159	64	49	8	41
2	545	356	89	464	392	52	126	89	28
3	416	289	101	169	92	49	52	13	20
4	79	61	11	27	9	11	–	–	–
5 or more	30	19	11	6	–	6	–	–	–
SOURCE OF WATER									
Public system or private company	4 961	2 965	1 672	1 129	853	208	2 160	554	1 295
Individual drilled well	–	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL									
Public sewer	4 889	2 913	1 672	1 119	849	202	2 135	554	1 270
Septic tank or cesspool	41	34	–	10	4	6	7	–	7
Other means	31	18	–	–	–	–	18	–	18
KITCHEN FACILITIES									
Complete kitchen facilities	4 950	2 965	1 665	1 115	853	202	2 160	554	1 295
Lacking complete kitchen facilities	11	–	7	14	–	6	–	–	–
HOUSE HEATING FUEL									
Utility gas	103	83	20	44	25	9	484	153	265
Bottled, tank, or LP gas	54	50	4	27	21	6	53	14	28
Electricity	3 318	2 080	993	679	518	130	559	140	306
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–	–
Solar energy	94	38	56	25	25	–	60	–	60
Other fuel	–	–	–	–	–	–	–	–	–
No fuel used	1 392	714	599	354	264	63	1 004	247	636
VEHICLES AVAILABLE									
None	358	181	117	269	228	41	–	–	–
1	1 236	746	414	422	307	69	602	133	363
2	1 629	881	626	291	205	76	1 122	275	690
3	964	575	328	100	66	22	365	103	214
4	466	316	145	42	42	–	45	17	28
5 or more	308	266	42	5	5	–	26	26	–
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**3 401**	**1 930**	**1 328**	**189**	**164**	**20**	**1 925**	**436**	**1 206**
1989 to March 1990	226	209	6	–	–	–	260	49	182
1985 to 1988	591	513	78	10	10	–	851	211	532
1980 to 1984	324	238	57	21	16	5	527	100	324
1970 to 1979	866	556	286	63	43	15	209	76	98
1960 to 1969	1 140	339	728	88	88	–	78	–	70
1959 or earlier	254	75	173	7	7	–	–	–	–
Renter-occupied housing units	**1 560**	**1 035**	**344**	**940**	**689**	**188**	**235**	**118**	**89**
1989 to March 1990	463	294	101	326	230	58	154	78	65
1985 to 1988	662	508	105	390	323	60	74	40	17
1980 to 1984	300	163	80	149	93	56	7	–	7
1970 to 1979	110	70	40	57	39	–	–	–	–
1960 to 1969	25	–	18	14	–	14	–	–	–
1959 or earlier	–	–	–	4	4	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**3 401**	**1 930**	**1 328**	**189**	**164**	**20**	**1 925**	**436**	**1 206**
Lacking complete plumbing facilities	14	14	–	–	–	–	16	–	5
1.01 or more	14	14	–	–	–	–	–	–	–
Renter-occupied housing units	**1 560**	**1 035**	**344**	**940**	**689**	**188**	**235**	**118**	**89**
Lacking complete plumbing facilities	4	–	–	18	–	–	–	–	–
1.01 or more	4	–	–	18	–	–	–	–	–

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Table 87. Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP					Halawa CDP				
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**1 711**	**1 196**	**402**	**442**	**378**	**2 205**	**529**	**1 281**	**461**	**307**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**242**	**123**	**86**	**26**	**26**	**390**	**100**	**253**	**131**	**108**
Owner occupied	204	90	81	26	26	340	70	238	62	62
1-person households	32	15	17	8	8	48	6	29	19	15
Built 1939 or earlier	15	15	–	–	–	–	–	–	–	–
Mean household income in 1989 (dollars)	35 643	30 355	38 427	36 653	36 653	43 995	63 090	38 977	32 000	34 801
Female householder, no husband present	61	29	25	8	8	49	–	31	84	78
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	27	22	5	8	8	23	–	5	27	17
No telephone in unit	–	–	–	–	–	–	–	–	14	6
1-person households	–	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**55**	**29**	**16**	**26**	**26**	**17**	**–**	**17**	**17**	**17**
Married-couple families	13	13	–	–	–	5	–	5	–	–
With own children under 18 years	13	13	–	–	–	–	–	–	–	–
Families with female householder	34	16	8	6	6	–	–	–	17	17
With own children under 18 years	18	8	–	6	6	–	–	–	–	–
Householder worked in 1989	33	15	8	–	–	–	–	–	–	–
With public assistance income	16	16	–	–	–	–	–	–	–	–
With Social Security income	–	–	–	10	10	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	–	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	14	14	–	–	–	–	–	–	–	–
Renter-occupied housing units	**36**	**20**	**–**	**22**	**22**	**50**	**21**	**4**	**94**	**38**
Married-couple families	20	4	–	–	–	29	21	–	33	–
With own children under 18 years	20	4	–	–	–	14	6	–	33	–
Families with female householder	16	16	–	22	22	12	–	–	44	21
With own children under 18 years	16	16	–	22	22	12	–	–	28	15
Householder worked in 1989	13	4	–	6	6	8	–	–	31	6
With public assistance income	20	20	–	13	13	31	11	–	44	15
With Social Security income	–	–	–	–	–	16	11	–	22	17
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	6	6	–	–	–	–	–
No vehicle available	–	–	–	6	6	29	–	4	45	26
No telephone in unit	16	16	–	–	–	4	–	4	15	11
1.01 or more persons per room	25	16	–	9	9	16	12	4	38	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**48 176**	**50 265**	**41 544**	**37 333**	**37 708**	**49 863**	**54 064**	**50 154**	**29 063**	**43 625**
Owner occupied (dollars)	53 456	55 111	49 844	43 750	44 464	52 821	62 703	51 667	52 562	54 360
Renter occupied (dollars)	39 107	41 071	35 313	35 104	33 833	31 310	30 147	38 194	17 014	24 375
Specified owner-occupied housing units	**1 092**	**731**	**271**	**216**	**203**	**1 480**	**341**	**892**	**159**	**144**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	958	681	205	206	193	1 228	312	735	159	144
Less than $200	11	11	–	–	–	–	–	–	–	–
$200 to $299	38	–	23	20	20	69	–	69	–	–
$300 to $399	50	36	14	23	23	74	11	53	19	19
$400 to $499	53	37	16	69	69	66	11	42	–	–
$500 to $599	85	36	34	13	13	43	7	26	24	24
$600 to $699	42	29	–	7	7	60	13	35	20	12
$700 to $799	51	29	22	16	16	97	24	61	5	5
$800 to $899	78	64	14	8	–	50	7	43	15	15
$900 to $999	125	111	14	–	–	32	–	26	–	–
$1,000 to $1,249	183	110	61	30	30	227	39	157	35	28
$1,250 to $1,499	125	101	7	7	7	174	39	86	10	10
$1,500 to $1,999	92	92	–	13	8	202	79	104	25	25
$2,000 or more	25	25	–	–	–	134	82	33	6	6
Median (dollars)	958	990	785	489	482	1 135	1 532	1 020	878	881
Mean (dollars)	1 009	1 105	763	668	638	1 160	1 521	993	1 021	1 041
Not mortgaged	134	50	66	10	10	252	29	157	–	–
Less than $100	5	5	–	–	–	–	–	–	–	–
$100 to $199	112	37	57	10	10	160	12	108	–	–
$200 to $299	8	8	–	–	–	67	17	44	–	–
$300 to $399	–	–	–	–	–	20	–	–	–	–
$400 to $499	9	–	9	–	–	5	–	5	–	–
$500 or more	–	–	–	–	–	–	–	–	–	–
Median (dollars)	142	127	169	175	175	186	211	182	–	–
Mean (dollars)	165	139	194	156	156	205	208	193	–	–
Specified renter-occupied housing units	**405**	**272**	**110**	**158**	**134**	**330**	**140**	**135**	**269**	**130**
GROSS RENT										
Less than $100	–	–	–	–	–	–	–	–	–	–
$100 to $149	–	–	–	–	–	12	–	–	31	27
$150 to $199	–	–	–	–	–	14	6	–	22	5
$200 to $249	–	–	–	–	–	29	10	10	22	9
$250 to $299	8	2	3	4	4	5	5	–	9	–
$300 to $349	23	23	–	–	–	21	11	10	51	25
$350 to $399	22	–	22	–	–	30	24	6	14	6
$400 to $449	22	6	16	–	–	37	11	9	21	–
$450 to $499	20	11	5	7	7	13	4	5	5	–
$500 to $549	29	16	13	17	17	27	11	16	–	–
$550 to $599	–	–	–	8	8	7	–	7	9	–
$600 to $649	41	41	–	9	9	–	–	–	–	–
$650 to $699	13	13	–	9	9	2	2	–	9	6
$700 to $749	15	15	–	27	27	3	3	–	–	–
$750 to $999	146	93	37	68	44	54	19	35	23	12
$1,000 or more	57	48	9	–	–	48	30	18	35	22
No cash rent	9	4	5	9	9	28	4	19	18	18
Median (dollars)	759	769	525	738	716	456	456	564	338	321
Mean (dollars)	762	805	658	731	696	617	667	700	494	516

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Hilo CDP						Honolulu CDP			
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	American Indian	All Asian	Chinese	Filipino
Occupied housing units	**6 845**	**371**	**940**	**5 364**	**2 135**	**2 013**	**438**	**76 030**	**16 206**	**10 718**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**2 311**	**128**	**167**	**1 983**	**249**	**244**	**25**	**22 998**	**5 352**	**2 273**
Owner occupied	1 902	98	110	1 671	206	201	13	15 683	3 868	1 069
1-person households	651	43	18	577	63	58	21	6 515	1 796	415
Built 1939 or earlier	390	31	30	323	29	29	4	3 000	762	169
Mean household income in 1989 (dollars)	31 458	69 797	23 467	29 841	29 329	29 930	18 305	43 016	44 448	39 244
Female householder, no husband present	703	63	13	614	59	54	21	7 493	2 040	376
Lacking complete plumbing facilities	3	–	–	3	–	–	–	138	24	76
No vehicle available	358	8	36	314	50	45	4	6 287	1 734	729
No telephone in unit	35	–	10	25	16	11	–	474	142	97
1-person households	35	–	10	25	16	11	–	381	114	91
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**189**	**21**	**21**	**130**	**109**	**104**	**6**	**1 164**	**404**	**148**
Married-couple families	63	15	17	31	23	23	6	293	135	63
With own children under 18 years	11	6	5	–	19	19	–	51	26	12
Families with female householder	27	–	4	23	28	28	–	147	20	9
With own children under 18 years	10	–	4	6	14	14	–	54	6	9
Householder worked in 1989	56	11	4	32	49	49	–	302	118	29
With public assistance income	23	11	4	–	34	34	–	81	40	20
With Social Security income	105	–	11	86	34	34	–	373	134	60
Built 1939 or earlier	13	6	–	7	8	8	–	93	42	9
Lacking complete plumbing facilities	–	–	–	–	–	–	–	8	–	–
No vehicle available	36	–	–	36	26	21	–	408	142	58
No telephone in unit	–	–	–	–	15	10	–	59	11	–
1.01 or more persons per room	6	6	–	–	44	44	–	102	59	5
Renter-occupied housing units	**457**	**39**	**224**	**194**	**423**	**380**	**27**	**5 158**	**1 193**	**841**
Married-couple families	46	–	43	3	71	65	–	1 250	321	336
With own children under 18 years	27	–	27	–	42	36	–	661	151	136
Families with female householder	161	10	97	54	195	189	6	620	62	158
With own children under 18 years	144	10	94	40	195	189	6	461	43	139
Householder worked in 1989	103	8	43	52	146	124	13	1 862	420	366
With public assistance income	218	8	146	64	189	183	14	1 209	246	301
With Social Security income	164	21	51	92	41	41	8	1 376	340	247
Built 1939 or earlier	75	21	21	33	21	21	14	286	96	54
Lacking complete plumbing facilities	14	–	8	6	–	–	–	138	26	54
No vehicle available	170	10	71	89	153	138	6	3 065	834	448
No telephone in unit	69	–	57	12	86	69	–	383	110	85
1.01 or more persons per room	85	10	68	7	72	61	–	1 362	361	343
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**33 428**	**28 860**	**26 827**	**34 953**	**24 659**	**25 659**	**33 929**	**38 361**	**38 075**	**36 743**
Owner occupied (dollars)	40 823	37 308	36 959	41 578	37 414	37 875	42 303	51 986	48 740	52 309
Renter occupied (dollars)	18 958	13 580	14 167	20 291	16 013	16 034	32 171	25 463	23 910	28 626
Specified owner-occupied housing units	**4 641**	**228**	**407**	**3 926**	**901**	**880**	**54**	**28 083**	**6 786**	**2 527**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	2 806	125	322	2 297	648	627	41	16 271	3 640	1 989
Less than $200	45	–	–	45	–	–	–	94	33	8
$200 to $299	156	9	21	122	39	39	–	393	79	23
$300 to $399	280	5	18	253	106	106	–	802	150	37
$400 to $499	247	8	20	213	95	95	9	940	139	89
$500 to $599	372	12	62	298	118	118	–	1 204	251	85
$600 to $699	315	23	31	244	68	68	–	1 031	160	108
$700 to $799	411	16	68	322	75	75	–	962	233	98
$800 to $899	345	33	36	276	66	56	–	934	210	137
$900 to $999	157	–	29	123	21	15	9	958	197	147
$1,000 to $1,249	329	13	24	280	28	28	–	1 969	418	351
$1,250 to $1,499	87	–	13	68	9	9	6	2 076	407	287
$1,500 to $1,999	38	6	–	29	13	13	17	2 492	595	353
$2,000 or more	24	–	–	24	10	5	–	2 416	768	266
Median (dollars)	696	746	718	688	573	565	1 354	1 104	1 220	1 187
Mean (dollars)	719	749	716	715	673	642	1 269	1 280	1 442	1 312
Not mortgaged	1 835	103	85	1 629	253	253	13	11 812	3 146	538
Less than $100	379	13	19	347	54	54	–	393	134	45
$100 to $199	1 255	73	47	1 121	154	154	7	6 191	1 507	239
$200 to $299	181	17	19	141	45	45	6	3 849	1 067	206
$300 to $399	20	–	–	20	–	–	–	921	279	32
$400 to $499	–	–	–	–	–	–	–	239	41	16
$500 or more	–	–	–	–	–	–	–	219	118	–
Median (dollars)	136	159	144	134	140	140	146	191	196	195
Mean (dollars)	141	155	157	139	143	143	205	212	227	205
Specified renter-occupied housing units	**1 845**	**111**	**501**	**1 160**	**1 102**	**1 001**	**303**	**33 611**	**5 803**	**6 632**
GROSS RENT										
Less than $100	39	–	16	23	7	7	–	544	174	94
$100 to $149	142	12	37	93	46	46	–	883	190	153
$150 to $199	108	–	57	51	80	80	–	846	166	224
$200 to $249	96	7	46	43	60	54	9	792	105	201
$250 to $299	103	9	27	67	73	68	–	1 535	340	302
$300 to $349	238	20	26	185	96	88	10	1 840	387	365
$350 to $399	275	19	81	168	84	74	3	1 897	328	358
$400 to $449	161	10	44	94	117	110	25	2 082	296	396
$450 to $499	142	–	32	99	152	126	–	2 458	394	446
$500 to $549	98	6	23	63	66	41	34	3 052	498	553
$550 to $599	113	12	28	68	101	101	55	2 426	289	488
$600 to $649	95	4	44	41	51	51	8	2 030	279	391
$650 to $699	46	–	23	15	51	46	15	2 521	469	589
$700 to $749	14	–	5	9	49	40	20	2 004	262	457
$750 to $999	65	–	3	52	37	37	42	4 666	842	997
$1,000 or more	3	–	–	3	11	11	48	2 254	385	317
No cash rent	107	12	9	86	21	21	34	1 781	399	301
Median (dollars)	373	354	363	377	443	439	599	550	532	558
Mean (dollars)	392	360	370	395	441	439	730	585	569	577

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Honolulu CDP—Con.							Kahului CDP		
	Japanese	Korean	Vietnamese	Laotian	All Pacific Islander	Hawaiian	Samoan	All Asian	Filipino	Japanese
Occupied housing units	**41 533**	**5 172**	**1 199**	**300**	**10 566**	**8 628**	**1 248**	**3 487**	**1 343**	**1 913**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**14 154**	**1 042**	**115**	**12**	**1 892**	**1 628**	**207**	**1 296**	**356**	**891**
Owner occupied	10 212	489	–	–	1 041	995	35	967	274	644
1-person households	3 895	348	42	–	576	543	33	375	32	332
Built 1939 or earlier	1 960	100	–	–	364	360	–	27	15	12
Mean household income in 1989 (dollars)	44 221	32 552	8 893	7 352	35 536	38 194	20 082	35 618	46 893	31 378
Female householder, no husband present	4 662	341	38	5	733	643	84	392	34	341
Lacking complete plumbing facilities	38	–	–	–	26	26	–	11	–	–
No vehicle available	3 259	434	103	12	520	390	114	217	52	165
No telephone in unit	219	16	–	–	118	73	36	11	–	–
1-person households	160	16	–	–	76	62	14	11	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**482**	**96**	**27**	**–**	**144**	**108**	**–**	**75**	**23**	**46**
Married-couple families	83	5	–	–	46	29	–	23	23	–
With own children under 18 years	13	–	–	–	7	7	–	7	7	–
Families with female householder	72	29	17	–	14	14	–	6	–	–
With own children under 18 years	22	–	17	–	7	7	–	–	–	–
Householder worked in 1989	131	19	5	–	53	36	–	7	7	–
With public assistance income	21	–	–	–	5	5	–	11	–	5
With Social Security income	154	18	–	–	39	39	–	66	23	37
Built 1939 or earlier	31	11	–	–	7	7	–	–	–	–
Lacking complete plumbing facilities	8	–	–	–	–	–	–	–	–	–
No vehicle available	173	35	–	–	40	31	–	20	10	10
No telephone in unit	48	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	38	–	–	–	29	12	–	6	6	–
Renter-occupied housing units	**1 732**	**728**	**447**	**117**	**1 933**	**1 244**	**524**	**177**	**53**	**97**
Married-couple families	78	234	209	57	479	151	248	50	18	23
With own children under 18 years	57	82	163	57	363	104	198	19	–	10
Families with female householder	158	99	83	52	764	535	208	42	24	–
With own children under 18 years	105	56	80	30	631	447	170	42	24	–
Householder worked in 1989	545	212	208	58	772	465	201	30	11	10
With public assistance income	184	213	176	73	848	558	276	56	33	5
With Social Security income	637	125	20	7	308	257	51	93	12	81
Built 1939 or earlier	78	18	40	–	115	93	8	–	–	–
Lacking complete plumbing facilities	–	28	23	7	73	42	31	–	–	–
No vehicle available	1 025	434	183	87	994	647	276	111	14	79
No telephone in unit	126	62	–	–	430	223	172	–	–	–
1.01 or more persons per room	93	208	239	68	935	443	394	36	19	8
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**41 598**	**27 080**	**16 952**	**15 893**	**29 450**	**32 387**	**16 928**	**41 369**	**45 651**	**38 862**
Owner occupied (dollars)	53 880	47 604	35 500	21 250	49 116	50 149	26 250	47 540	51 633	46 536
Renter occupied (dollars)	26 915	20 761	16 250	15 000	22 099	24 962	16 536	28 816	36 437	20 729
Specified owner-occupied housing units	**17 751**	**861**	**43**	**–**	**2 473**	**2 443**	**19**	**2 287**	**833**	**1 338**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	9 942	595	37	–	1 527	1 521	6	1 320	638	630
Less than $200	53	–	–	–	8	8	–	35	17	18
$200 to $299	291	–	–	–	56	56	–	109	27	82
$300 to $399	606	9	–	–	67	67	–	131	42	89
$400 to $499	659	53	–	–	124	124	–	94	27	56
$500 to $599	834	15	–	–	97	97	–	81	46	27
$600 to $699	727	30	–	–	115	109	6	93	44	49
$700 to $799	617	14	–	–	114	114	–	163	72	91
$800 to $899	560	27	–	–	60	60	–	93	83	10
$900 to $999	536	73	–	–	111	111	–	81	15	66
$1,000 to $1,249	1 130	70	–	–	242	242	–	178	101	65
$1,250 to $1,499	1 269	97	9	–	150	150	–	129	75	40
$1,500 to $1,999	1 412	108	6	–	201	201	–	84	50	27
$2,000 or more	1 248	99	22	–	182	182	–	49	39	10
Median (dollars)	1 019	1 267	2 000+	–	1 012	1 015	675	763	837	681
Mean (dollars)	1 200	1 418	2 200	–	1 187	1 189	673	859	974	725
Not mortgaged	7 809	266	6	–	946	922	13	967	195	708
Less than $100	209	5	–	–	64	51	13	99	18	75
$100 to $199	4 325	92	6	–	403	399	–	666	88	528
$200 to $299	2 454	104	–	–	386	379	–	156	70	86
$300 to $399	571	32	–	–	74	74	–	34	15	11
$400 to $499	160	22	–	–	14	14	–	–	–	–
$500 or more	90	11	–	–	5	5	–	12	4	8
Median (dollars)	189	226	125	–	201	202	100–	157	193	147
Mean (dollars)	206	253	142	–	205	207	80	168	206	157
Specified renter-occupied housing units	**15 873**	**3 306**	**1 075**	**290**	**7 184**	**5 342**	**1 204**	**1 018**	**436**	**486**
GROSS RENT										
Less than $100	136	109	16	5	97	81	16	35	18	17
$100 to $149	378	119	34	9	291	172	119	49	10	39
$150 to $199	269	82	57	48	353	187	150	52	7	45
$200 to $249	391	18	57	20	280	157	99	45	16	29
$250 to $299	726	86	40	34	408	248	103	17	8	9
$300 to $349	805	206	25	16	335	286	49	49	26	19
$350 to $399	923	183	22	43	351	257	66	15	8	7
$400 to $449	1 136	180	45	13	475	364	83	43	16	27
$450 to $499	1 303	172	51	22	367	306	53	26	9	17
$500 to $549	1 660	211	33	43	582	463	105	91	57	34
$550 to $599	1 243	258	121	–	417	342	46	91	27	45
$600 to $649	921	217	153	8	531	421	4	72	28	38
$650 to $699	1 018	302	56	10	627	491	68	39	17	22
$700 to $749	902	259	75	–	482	366	58	41	9	–
$750 to $999	1 986	557	181	10	968	720	131	130	67	46
$1,000 or more	1 138	247	91	9	405	320	36	52	43	–
No cash rent	938	100	18	–	215	161	18	171	70	92
Median (dollars)	542	596	609	366	545	560	383	551	565	471
Mean (dollars)	588	607	615	392	561	578	440	534	592	436

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kahului CDP—Con.		Kailua CDP, Honolulu County						Kaneohe CDP	
	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Chinese
Occupied housing units	**566**	**489**	**2 701**	**498**	**364**	**1 703**	**1 267**	**1 208**	**5 013**	**823**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**30**	**30**	**627**	**124**	**72**	**415**	**123**	**123**	**1 089**	**165**
Owner occupied	6	6	600	124	50	410	110	110	967	135
1-person households	16	16	82	26	21	35	13	13	135	40
Built 1939 or earlier	–	–	37	11	–	26	6	6	34	12
Mean household income in 1989 (dollars)	13 199	13 199	46 049	45 112	32 576	49 597	36 687	36 687	43 353	43 232
Female householder, no husband present	15	15	150	36	14	94	38	38	260	59
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	49	14	14	16	15	15	93	6
No telephone in unit	–	–	8	8	–	–	–	–	15	–
1-person households	–	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**10**	**6**	**37**	**14**	**–**	**23**	**22**	**22**	**67**	**14**
Married-couple families	–	–	24	14	–	10	–	–	12	–
With own children under 18 years	–	–	–	–	–	–	–	–	–	–
Families with female householder	10	6	13	–	–	13	7	7	14	14
With own children under 18 years	4	–	–	–	–	–	4	4	–	–
Householder worked in 1989	4	–	–	–	–	–	3	3	34	–
With public assistance income	4	–	14	7	–	7	7	7	–	–
With Social Security income	10	6	27	14	–	13	16	16	14	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	–	–	–	–	5	–
No telephone in unit	–	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	4	–	–	–	–	–	14	14	–	–
Renter-occupied housing units	**57**	**51**	**23**	**–**	**9**	**14**	**65**	**55**	**49**	**3**
Married-couple families	6	–	9	–	9	–	41	31	12	3
With own children under 18 years	6	–	–	–	–	–	18	18	12	3
Families with female householder	28	28	–	–	–	–	24	24	15	–
With own children under 18 years	28	28	–	–	–	–	24	24	15	–
Householder worked in 1989	28	22	–	–	–	–	27	27	17	3
With public assistance income	25	25	–	–	–	–	33	33	–	–
With Social Security income	–	–	5	–	–	5	16	6	17	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	9	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	25	25	17	–	3	14	20	20	17	–
No telephone in unit	4	4	–	–	–	–	19	19	–	–
1.01 or more persons per room	6	–	3	–	3	–	10	10	13	3
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**32 500**	**35 847**	**58 010**	**58 171**	**42 400**	**59 976**	**47 813**	**47 976**	**53 665**	**53 120**
Owner occupied (dollars)	54 332	76 570	60 861	59 046	58 840	61 373	56 082	55 681	56 834	55 027
Renter occupied (dollars)	28 992	33 036	37 917	39 107	28 500	43 167	37 240	37 794	32 875	49 250
Specified owner-occupied housing units	**114**	**110**	**2 227**	**432**	**233**	**1 473**	**756**	**741**	**3 894**	**630**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	93	93	1 632	314	189	1 051	628	613	3 027	446
Less than $200	–	–	–	–	–	–	6	6	6	–
$200 to $299	10	10	37	–	–	37	–	–	197	18
$300 to $399	15	15	118	25	–	93	29	29	238	31
$400 to $499	–	–	68	–	–	68	62	62	165	20
$500 to $599	–	–	124	44	7	70	12	12	139	23
$600 to $699	9	9	102	26	11	65	25	25	196	47
$700 to $799	4	4	149	28	19	102	31	31	178	43
$800 to $899	23	23	86	34	–	52	54	54	237	36
$900 to $999	–	–	102	7	17	73	57	57	218	33
$1,000 to $1,249	16	16	207	33	16	158	91	91	535	52
$1,250 to $1,499	16	16	199	27	30	112	101	94	397	71
$1,500 to $1,999	–	–	299	43	56	164	76	76	405	67
$2,000 or more	–	–	141	47	33	57	84	76	116	5
Median (dollars)	852	852	1 036	925	1 454	953	1 104	1 084	974	919
Mean (dollars)	814	814	1 145	1 168	1 425	1 048	1 217	1 198	1 005	992
Not mortgaged	21	17	595	118	44	422	128	128	867	184
Less than $100	–	–	28	–	–	28	21	21	31	–
$100 to $199	6	2	335	58	21	250	73	73	594	152
$200 to $299	4	4	196	53	23	115	34	34	201	32
$300 to $399	11	11	5	–	–	5	–	–	32	–
$400 to $499	–	–	20	7	–	13	–	–	4	–
$500 or more	–	–	11	–	–	11	–	–	5	–
Median (dollars)	304	321	180	201	206	175	152	152	174	170
Mean (dollars)	265	294	192	202	181	190	156	156	181	173
Specified renter-occupied housing units	**431**	**368**	**326**	**30**	**120**	**144**	**433**	**396**	**636**	**90**
GROSS RENT										
Less than $100	–	–	–	–	–	–	–	–	8	–
$100 to $149	–	–	–	–	–	–	–	–	12	–
$150 to $199	21	21	4	–	–	4	–	–	–	–
$200 to $249	23	13	9	–	–	9	3	3	9	–
$250 to $299	6	6	4	4	–	–	–	–	35	6
$300 to $349	–	–	–	–	–	–	–	–	24	9
$350 to $399	26	26	27	8	12	7	–	–	29	11
$400 to $449	9	9	7	–	–	–	8	8	35	–
$450 to $499	18	18	–	–	–	–	37	27	29	9
$500 to $549	15	15	32	–	5	27	18	18	65	7
$550 to $599	28	28	–	–	–	–	28	28	23	4
$600 to $649	17	10	45	–	29	16	39	26	29	–
$650 to $699	34	34	11	–	11	–	34	34	14	–
$700 to $749	28	16	16	–	16	–	25	25	28	–
$750 to $999	110	100	72	6	27	22	130	130	131	24
$1,000 or more	68	44	62	6	20	30	78	64	101	6
No cash rent	28	28	37	6	–	29	33	33	64	14
Median (dollars)	708	685	717	562	709	633	765	774	629	521
Mean (dollars)	721	699	790	712	787	782	815	811	702	629

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe CDP—Con.				Kihei CDP				Mililani Town CDP	
	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	All Pacific Islander	Hawaiian	All Asian	Chinese
Occupied housing units	**527**	**3 433**	**1 381**	**1 294**	**727**	**441**	**317**	**289**	**4 358**	**433**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**70**	**823**	**155**	**150**	**74**	**55**	**9**	**9**	**271**	**38**
Owner occupied	53	751	89	89	58	39	9	9	256	38
1-person households	–	86	22	22	–	–	–	–	40	9
Built 1939 or earlier	–	22	5	5	11	11	–	–	–	–
Mean household income in 1989 (dollars)	41 599	43 917	47 102	48 672	50 323	53 453	22 733	22 733	43 946	34 287
Female householder, no husband present	9	183	48	48	10	–	–	–	70	15
Lacking complete plumbing facilities	–	–	5	–	–	–	–	–	–	–
No vehicle available	–	87	20	15	11	11	–	–	30	9
No telephone in unit	8	7	5	–	11	11	–	–	–	–
1-person households	–	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**7**	**46**	**15**	**15**	**20**	**20**	**–**	**–**	**51**	**13**
Married-couple families	7	5	8	8	–	–	–	–	23	13
With own children under 18 years	–	–	8	8	–	–	–	–	17	13
Families with female householder	–	–	–	–	20	20	–	–	5	–
With own children under 18 years	–	–	–	–	20	20	–	–	5	–
Householder worked in 1989	–	34	8	8	20	20	–	–	38	13
With public assistance income	–	–	–	–	–	–	–	–	6	–
With Social Security income	7	7	–	–	–	–	–	–	6	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	5	–	–	–	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**5**	**41**	**98**	**58**	**14**	**–**	**24**	**24**	**18**	**–**
Married-couple families	–	9	31	9	–	–	–	–	7	–
With own children under 18 years	–	9	26	9	–	–	–	–	7	–
Families with female householder	5	10	42	35	–	–	24	24	11	–
With own children under 18 years	5	10	42	35	–	–	24	24	11	–
Householder worked in 1989	5	9	55	38	14	–	24	24	14	–
With public assistance income	–	–	42	15	–	–	24	24	4	–
With Social Security income	–	17	–	–	–	–	–	–	11	–
Built 1939 or earlier	–	9	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	5	–	–	–	–	–	–	–
No vehicle available	–	17	23	–	–	–	–	–	–	–
No telephone in unit	–	–	13	–	–	–	–	–	–	–
1.01 or more persons per room	5	5	13	13	–	–	–	–	3	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**44 635**	**55 864**	**44 596**	**45 109**	**49 787**	**55 199**	**42 404**	**42 538**	**57 367**	**58 251**
Owner occupied (dollars)	49 130	59 091	55 128	54 666	61 169	63 959	46 250	46 250	58 336	58 197
Renter occupied (dollars)	31 050	34 875	27 064	28 287	38 500	34 205	35 357	35 714	36 719	60 100
Specified owner-occupied housing units	**316**	**2 773**	**596**	**575**	**437**	**297**	**119**	**119**	**3 472**	**338**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	287	2 150	499	484	386	271	104	104	3 361	316
Less than $200	–	6	5	5	–	–	–	–	–	–
$200 to $299	10	160	8	8	–	–	–	–	29	–
$300 to $399	15	179	19	19	5	5	–	–	61	11
$400 to $499	4	135	28	28	–	–	–	–	129	26
$500 to $599	9	102	50	50	34	34	–	–	139	13
$600 to $699	5	134	13	13	23	23	–	–	145	10
$700 to $799	36	88	45	45	20	20	9	9	170	18
$800 to $899	15	160	37	37	46	5	9	9	183	14
$900 to $999	39	142	43	43	17	17	21	21	204	15
$1,000 to $1,249	93	372	116	107	82	53	31	31	622	52
$1,250 to $1,499	19	284	57	51	80	53	7	7	817	88
$1,500 to $1,999	30	289	60	60	69	51	27	27	617	38
$2,000 or more	12	99	18	18	10	10	–	–	245	31
Median (dollars)	1 028	977	1 003	973	1 146	1 149	1 105	1 105	1 249	1 245
Mean (dollars)	1 048	1 005	1 023	1 019	1 187	1 189	1 172	1 172	1 239	1 218
Not mortgaged	29	623	97	91	51	26	15	15	111	22
Less than $100	12	19	–	–	–	–	–	–	9	–
$100 to $199	7	416	42	42	24	15	9	9	78	13
$200 to $299	5	158	36	30	27	11	6	6	18	9
$300 to $399	5	21	8	8	–	–	–	–	6	–
$400 to $499	–	4	11	11	–	–	–	–	–	–
$500 or more	–	5	–	–	–	–	–	–	–	–
Median (dollars)	168	174	213	209	204	193	192	192	171	192
Mean (dollars)	199	182	239	239	205	198	210	210	176	215
Specified renter-occupied housing units	**149**	**362**	**638**	**585**	**228**	**137**	**140**	**112**	**229**	**21**
GROSS RENT										
Less than $100	–	8	–	–	–	–	–	–	–	–
$100 to $149	–	12	27	9	–	–	–	–	–	–
$150 to $199	–	–	–	–	–	–	–	–	9	–
$200 to $249	–	9	17	17	–	–	–	–	9	–
$250 to $299	8	21	44	44	–	–	–	–	6	–
$300 to $349	6	9	47	38	–	–	–	–	11	–
$350 to $399	8	10	48	48	11	11	–	–	–	–
$400 to $449	11	24	62	46	–	–	–	–	11	–
$450 to $499	7	13	36	36	42	42	–	–	31	–
$500 to $549	13	37	10	10	14	14	–	–	–	–
$550 to $599	6	10	6	6	14	14	–	–	5	–
$600 to $649	8	21	25	20	24	–	10	10	7	–
$650 to $699	4	3	47	47	–	–	12	12	7	–
$700 to $749	–	28	24	24	–	–	40	40	–	–
$750 to $999	47	43	73	73	60	30	24	9	57	4
$1,000 or more	31	64	121	116	53	16	39	26	68	17
No cash rent	–	50	51	51	10	10	15	15	8	–
Median (dollars)	769	607	571	632	767	538	755	733	814	1 382
Mean (dollars)	738	698	675	701	818	678	892	867	846	1 338

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP—Con.				Pearl City CDP			
	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese
Occupied housing units	**918**	**2 763**	**629**	**564**	**5 556**	**392**	**1 080**	**3 901**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**61**	**142**	**31**	**31**	**1 077**	**79**	**108**	**858**
Owner occupied	51	137	31	31	971	79	93	773
1-person households	–	16	7	7	122	5	–	117
Built 1939 or earlier	–	–	–	–	19	–	5	14
Mean household income in 1989 (dollars)	32 181	53 769	21 222	21 222	46 145	49 976	49 085	45 453
Female householder, no husband present	5	40	7	7	123	–	–	123
Lacking complete plumbing facilities	–	–	–	–	4	–	–	4
No vehicle available	5	16	–	–	110	5	15	90
No telephone in unit	–	–	–	–	–	–	–	–
1-person households	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**13**	**25**	**13**	**13**	**63**	**–**	**23**	**34**
Married-couple families	6	4	13	13	18	–	7	11
With own children under 18 years	–	4	7	7	7	–	7	–
Families with female householder	–	5	–	–	13	–	7	–
With own children under 18 years	–	5	–	–	13	–	7	–
Householder worked in 1989	–	25	13	13	47	–	23	18
With public assistance income	6	–	6	6	–	–	–	–
With Social Security income	6	–	6	6	10	–	–	10
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	7	–	7	–
No telephone in unit	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	–	–	–	14	–	14	–
Renter-occupied housing units	**15**	**–**	**15**	**15**	**92**	**4**	**32**	**51**
Married-couple families	4	–	–	–	11	–	–	11
With own children under 18 years	4	–	–	–	–	–	–	–
Families with female householder	11	–	15	15	24	–	19	–
With own children under 18 years	11	–	15	15	24	–	19	–
Householder worked in 1989	11	–	–	–	6	–	6	–
With public assistance income	4	–	7	7	25	–	12	8
With Social Security income	11	–	–	–	44	–	–	44
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	7	7	46	–	6	40
No telephone in unit	–	–	3	3	6	–	6	–
1.01 or more persons per room	–	–	11	11	12	–	12	–
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**53 055**	**58 977**	**50 817**	**51 390**	**59 538**	**59 022**	**56 189**	**60 637**
Owner occupied (dollars)	55 113	59 714	55 261	55 706	62 116	61 950	61 348	62 456
Renter occupied (dollars)	35 417	35 250	27 188	23 603	29 605	28 958	27 857	33 000
Specified owner-occupied housing units	**648**	**2 282**	**431**	**399**	**4 601**	**324**	**677**	**3 463**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	643	2 218	431	399	3 607	200	581	2 712
Less than $200	–	–	–	–	18	–	10	8
$200 to $299	5	13	–	–	166	–	–	158
$300 to $399	12	38	6	6	420	36	29	344
$400 to $499	28	75	26	26	349	14	55	269
$500 to $599	31	89	13	7	379	15	32	324
$600 to $699	27	108	9	9	259	13	47	191
$700 to $799	33	96	36	30	340	12	64	257
$800 to $899	23	146	28	28	240	21	28	184
$900 to $999	39	137	7	7	191	35	20	136
$1,000 to $1,249	103	434	93	73	443	18	57	338
$1,250 to $1,499	130	562	69	69	377	–	103	268
$1,500 to $1,999	146	379	111	111	314	28	96	176
$2,000 or more	66	141	33	33	111	8	40	59
Median (dollars)	1 289	1 234	1 243	1 299	764	861	1 024	722
Mean (dollars)	1 264	1 230	1 285	1 314	891	914	1 119	840
Not mortgaged	5	64	–	–	994	124	96	751
Less than $100	–	–	–	–	39	5	–	34
$100 to $199	5	55	–	–	757	108	58	568
$200 to $299	–	9	–	–	183	11	33	139
$300 to $399	–	–	–	–	15	–	5	10
$400 to $499	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–
Median (dollars)	175	164	–	–	169	145	188	170
Mean (dollars)	165	166	–	–	170	153	201	169
Specified renter-occupied housing units	**107**	**87**	**148**	**115**	**684**	**63**	**218**	**368**
GROSS RENT								
Less than $100	–	–	–	–	8	–	–	8
$100 to $149	–	–	–	–	15	–	–	15
$150 to $199	4	5	3	3	29	–	8	21
$200 to $249	–	6	–	–	6	–	6	–
$250 to $299	–	6	–	–	–	–	–	–
$300 to $349	11	–	–	–	26	–	–	20
$350 to $399	–	–	8	8	26	–	10	16
$400 to $449	3	8	9	9	36	–	7	29
$450 to $499	16	15	51	31	14	–	–	14
$500 to $549	–	–	–	–	38	7	24	7
$550 to $599	–	5	–	–	52	8	13	31
$600 to $649	–	7	–	–	25	5	6	14
$650 to $699	7	–	–	–	59	6	29	24
$700 to $749	–	–	–	–	35	15	7	13
$750 to $999	27	20	35	28	183	18	69	75
$1,000 or more	34	12	38	32	87	4	25	50
No cash rent	5	3	4	4	45	–	14	31
Median (dollars)	843	570	757	790	688	718	698	627
Mean (dollars)	878	668	791	808	712	724	753	665

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Pearl City CDP—Con.		Wahiawa CDP					Wailuku CDP		
	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese
Occupied housing units	**651**	**544**	**3 122**	**941**	**1 648**	**575**	**475**	**1 980**	**393**	**1 404**
HOUSEHOLDER 65 YEARS AND OVER										
Occupied housing units	**63**	**47**	**1 205**	**176**	**826**	**43**	**22**	**678**	**94**	**541**
Owner occupied	56	40	966	99	719	5	–	546	68	435
1-person households	5	5	293	31	166	8	8	189	9	172
Built 1939 or earlier	–	–	195	62	82	8	8	222	19	187
Mean household income in 1989 (dollars)	38 028	32 929	39 100	29 951	43 241	13 159	12 039	38 182	43 702	35 427
Female householder, no husband present	18	11	353	23	231	22	22	203	16	173
Lacking complete plumbing facilities	–	–	21	7	14	–	–	–	–	–
No vehicle available	5	5	243	36	145	30	14	57	17	40
No telephone in unit	–	–	35	7	17	–	–	15	–	15
1-person households	–	–	35	7	17	–	–	15	–	15
HOUSEHOLDS BELOW POVERTY LEVEL										
Owner-occupied housing units	**8**	**8**	**86**	**7**	**64**	**–**	**–**	**7**	**–**	**7**
Married-couple families	–	–	22	–	22	–	–	–	–	–
With own children under 18 years	–	–	–	–	–	–	–	–	–	–
Families with female householder	8	8	13	7	6	–	–	–	–	–
With own children under 18 years	8	8	7	7	–	–	–	–	–	–
Householder worked in 1989	–	–	14	7	7	–	–	–	–	–
With public assistance income	–	–	–	–	–	–	–	–	–	–
With Social Security income	–	–	46	–	35	–	–	7	–	7
Built 1939 or earlier	–	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	44	7	26	–	–	7	–	7
No telephone in unit	–	–	11	–	–	–	–	–	–	–
1.01 or more persons per room	8	8	–	–	–	–	–	–	–	–
Renter-occupied housing units	**25**	**14**	**210**	**90**	**36**	**181**	**147**	**25**	**–**	**7**
Married-couple families	19	8	38	8	13	45	17	–	–	–
With own children under 18 years	19	8	32	8	7	29	17	–	–	–
Families with female householder	6	6	67	38	9	121	115	–	–	–
With own children under 18 years	6	6	67	38	9	113	107	–	–	–
Householder worked in 1989	–	–	101	42	16	68	63	20	–	7
With public assistance income	25	14	104	57	12	150	116	–	–	–
With Social Security income	–	–	39	18	15	52	23	–	–	–
Built 1939 or earlier	–	–	29	24	–	18	18	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	8	8	63	34	5	67	38	–	–	–
No telephone in unit	8	8	23	18	5	22	22	–	–	–
1.01 or more persons per room	17	6	49	35	–	85	78	–	–	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**50 375**	**50 316**	**39 088**	**36 658**	**42 264**	**24 596**	**24 957**	**41 032**	**38 229**	**42 051**
Owner occupied (dollars)	57 735	56 159	48 561	49 531	48 260	44 091	42 917	52 389	52 965	52 041
Renter occupied (dollars)	45 341	46 125	25 205	26 844	26 125	21 339	22 411	30 825	30 350	26 979
Specified owner-occupied housing units	**329**	**296**	**1 944**	**341**	**1 320**	**69**	**57**	**1 103**	**162**	**855**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
With a mortgage	275	242	999	253	578	61	49	552	91	414
Less than $200	–	–	28	17	7	–	–	–	–	–
$200 to $299	7	7	58	–	52	–	–	29	–	29
$300 to $399	21	21	60	8	52	5	–	56	8	48
$400 to $499	29	29	72	9	54	–	–	29	13	16
$500 to $599	32	25	70	24	28	–	–	21	–	21
$600 to $699	24	24	85	24	61	–	–	55	16	39
$700 to $799	7	7	70	12	46	–	–	42	11	17
$800 to $899	–	–	48	17	31	–	–	34	13	12
$900 to $999	31	23	103	11	55	14	14	52	7	39
$1,000 to $1,249	80	62	133	18	65	–	–	81	6	66
$1,250 to $1,499	38	38	96	37	43	24	24	26	–	26
$1,500 to $1,999	6	6	128	61	58	18	11	77	11	62
$2,000 or more	–	–	48	15	26	–	–	50	6	39
Median (dollars)	935	924	905	1 063	750	1 370	1 359	919	779	965
Mean (dollars)	886	878	954	1 100	879	1 322	1 324	1 115	907	1 163
Not mortgaged	54	54	945	88	742	8	8	551	71	441
Less than $100	–	–	88	–	64	–	–	120	11	96
$100 to $199	50	50	666	82	528	8	8	319	24	276
$200 to $299	4	4	168	6	131	–	–	97	28	62
$300 to $399	–	–	23	–	19	–	–	15	8	7
$400 to $499	–	–	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–	–
Median (dollars)	139	139	145	142	145	125	125	141	204	136
Mean (dollars)	157	157	158	157	159	111	111	151	206	145
Specified renter-occupied housing units	**268**	**211**	**1 027**	**555**	**247**	**489**	**401**	**683**	**221**	**383**
GROSS RENT										
Less than $100	–	–	39	12	–	–	–	16	–	16
$100 to $149	–	–	24	14	–	–	–	6	–	6
$150 to $199	8	8	13	5	5	55	49	11	–	11
$200 to $249	–	–	43	29	4	5	5	8	8	–
$250 to $299	–	–	56	37	19	24	8	11	5	6
$300 to $349	–	–	57	37	20	40	33	29	4	25
$350 to $399	–	–	87	29	35	37	22	107	19	82
$400 to $449	–	–	98	39	35	27	27	62	26	31
$450 to $499	9	5	123	82	12	36	36	38	12	26
$500 to $549	9	9	81	25	34	24	19	24	20	4
$550 to $599	23	23	74	36	16	56	40	52	23	16
$600 to $649	11	11	49	25	5	25	25	43	29	–
$650 to $699	23	16	43	38	–	55	32	94	21	61
$700 to $749	23	11	18	13	5	23	23	–	–	–
$750 to $999	70	65	135	107	13	73	73	52	16	16
$1,000 or more	75	56	15	15	–	9	9	40	7	24
No cash rent	17	7	72	12	44	–	–	90	31	59
Median (dollars)	820	823	473	494	415	543	552	518	552	416
Mean (dollars)	895	876	491	532	453	527	541	550	556	511

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Wailuku CDP—Con.		Waimalu CDP						
	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese	Korean	All Pacific Islander	Hawaiian
Occupied housing units	**600**	**584**	**5 393**	**660**	**980**	**3 451**	**220**	**649**	**560**
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**130**	**130**	**562**	**50**	**74**	**411**	**22**	**35**	**35**
Owner occupied	88	88	493	50	51	365	22	15	15
1-person households	40	40	97	26	6	59	6	–	–
Built 1939 or earlier	27	27	6	–	–	6	–	–	–
Mean household income in 1989 (dollars)	28 781	28 781	52 951	55 447	93 089	47 008	28 546	33 519	33 519
Female householder, no husband present	60	60	84	17	–	52	15	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	11	11	62	–	14	33	15	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–
1-person households	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**5**	**–**	**19**	**7**	**12**	**–**	**–**	**8**	**8**
Married-couple families	5	–	7	7	–	–	–	8	8
With own children under 18 years	5	–	7	7	–	–	–	8	8
Families with female householder	–	–	12	–	12	–	–	–	–
With own children under 18 years	–	–	12	–	12	–	–	–	–
Householder worked in 1989	5	–	19	7	12	–	–	–	–
With public assistance income	–	–	12	–	12	–	–	–	–
With Social Security income	–	–	12	–	12	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	–	–	–	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	5	–	7	7	–	–	–	–	–
Renter-occupied housing units	**66**	**66**	**90**	**–**	**36**	**18**	**10**	**53**	**31**
Married-couple families	23	23	7	–	–	–	–	17	7
With own children under 18 years	23	23	7	–	–	–	–	17	7
Families with female householder	31	31	40	–	25	7	–	5	5
With own children under 18 years	31	31	33	–	25	–	–	–	–
Householder worked in 1989	31	31	62	–	19	7	10	–	–
With public assistance income	6	6	27	–	19	–	–	5	5
With Social Security income	21	21	10	–	–	–	10	23	23
Built 1939 or earlier	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	–	–	36	–	36	–	–	19	7
No telephone in unit	8	8	8	–	8	–	–	7	7
1.01 or more persons per room	22	22	19	–	11	–	–	33	23
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**38 700**	**39 500**	**57 221**	**55 365**	**49 336**	**60 517**	**51 434**	**48 750**	**47 692**
Owner occupied (dollars)	47 228	48 750	61 016	57 875	58 916	62 289	53 104	52 996	52 251
Renter occupied (dollars)	29 191	32 500	38 088	39 432	42 000	32 031	50 233	43 371	43 220
Specified owner-occupied housing units	**244**	**239**	**3 055**	**363**	**346**	**2 234**	**94**	**269**	**228**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	103	98	2 687	312	320	1 957	80	269	228
Less than $200	6	6	13	–	3	10	–	–	–
$200 to $299	13	13	19	–	6	13	–	–	–
$300 to $399	–	–	31	–	–	18	13	11	11
$400 to $499	7	7	83	5	10	68	–	12	12
$500 to $599	12	12	98	8	6	84	–	4	4
$600 to $699	–	–	89	6	13	70	–	20	20
$700 to $799	10	10	182	28	36	113	5	–	–
$800 to $899	–	–	126	27	19	69	6	12	12
$900 to $999	23	23	172	8	11	145	8	19	9
$1,000 to $1,249	22	17	516	63	55	373	17	51	45
$1,250 to $1,499	3	3	416	58	63	290	–	50	43
$1,500 to $1,999	7	7	547	83	52	412	–	55	37
$2,000 or more	–	–	395	26	46	292	31	35	35
Median (dollars)	910	903	1 259	1 297	1 254	1 263	1 118	1 277	1 256
Mean (dollars)	826	809	1 397	1 328	1 282	1 412	1 803	1 319	1 303
Not mortgaged	141	141	368	51	26	277	14	–	–
Less than $100	9	9	21	5	–	16	–	–	–
$100 to $199	77	77	250	42	12	182	14	–	–
$200 to $299	48	48	89	4	14	71	–	–	–
$300 to $399	–	–	8	–	–	8	–	–	–
$400 to $499	7	7	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–	–
Median (dollars)	178	178	163	153	213	163	156	–	–
Mean (dollars)	190	190	172	145	207	174	174	–	–
Specified renter-occupied housing units	**347**	**336**	**886**	**113**	**318**	**341**	**73**	**249**	**201**
GROSS RENT									
Less than $100	–	–	–	–	–	–	–	–	–
$100 to $149	23	23	–	–	–	–	–	–	–
$150 to $199	12	12	–	–	–	–	–	–	–
$200 to $249	11	11	–	–	–	–	–	–	–
$250 to $299	–	–	19	–	–	19	–	–	–
$300 to $349	13	13	14	–	–	14	–	–	–
$350 to $399	12	12	28	–	20	8	–	–	–
$400 to $449	73	73	20	–	10	10	–	25	25
$450 to $499	32	21	35	–	25	10	–	9	9
$500 to $549	19	19	65	–	50	15	–	5	5
$550 to $599	6	6	45	–	25	11	9	17	17
$600 to $649	42	42	39	9	15	15	–	17	7
$650 to $699	24	24	37	–	7	22	–	14	14
$700 to $749	7	7	29	–	–	22	–	25	25
$750 to $999	11	11	349	66	127	100	45	83	66
$1,000 or more	23	23	162	34	28	66	19	54	33
No cash rent	39	39	44	4	11	29	–	–	–
Median (dollars)	465	469	814	922	753	775	903	788	747
Mean (dollars)	527	529	825	1 016	728	801	973	846	820

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Table 87. **Social and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Waipahu CDP						Waipio CDP		
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	Samoan	All Asian	Filipino	Japanese
Occupied housing units	**4 961**	**2 965**	**1 672**	**1 129**	**853**	**208**	**2 160**	**554**	**1 295**
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**1 224**	**608**	**567**	**59**	**52**	**7**	**53**	**–**	**46**
Owner occupied	946	448	449	41	41	–	38	–	31
1-person households	231	58	164	7	–	7	7	–	–
Built 1939 or earlier	20	20	–	–	–	–	–	–	–
Mean household income in 1989 (dollars)	41 927	48 678	35 862	46 043	52 241	–	50 033	–	52 238
Female householder, no husband present	240	67	158	16	16	–	7	–	–
Lacking complete plumbing facilities	7	7	–	–	–	–	–	–	–
No vehicle available	206	91	106	20	13	7	–	–	–
No telephone in unit	21	21	–	–	–	–	–	–	–
1-person households	16	16	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**98**	**58**	**26**	**8**	**8**	**–**	**7**	**–**	**7**
Married-couple families	47	27	15	–	–	–	7	–	7
With own children under 18 years	13	13	–	–	–	–	–	–	–
Families with female householder	5	5	–	–	–	–	–	–	–
With own children under 18 years	–	–	–	–	–	–	–	–	–
Householder worked in 1989	41	21	20	8	8	–	7	–	7
With public assistance income	6	6	–	–	–	–	–	–	–
With Social Security income	59	24	26	–	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	9	–	–	8	8	–	–	–	–
No telephone in unit	5	5	–	–	–	–	–	–	–
1.01 or more persons per room	40	29	11	8	8	–	–	–	–
Renter-occupied housing units	**345**	**239**	**50**	**338**	**277**	**43**	**8**	**8**	**–**
Married-couple families	80	63	–	122	68	36	8	8	–
With own children under 18 years	69	58	–	119	68	33	–	–	–
Families with female householder	160	110	18	158	158	–	–	–	–
With own children under 18 years	127	87	18	154	154	–	–	–	–
Householder worked in 1989	163	124	15	162	141	3	8	8	–
With public assistance income	158	118	6	204	178	26	–	–	–
With Social Security income	70	46	24	–	–	–	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	4	–	–	–	–	–	–	–	–
No vehicle available	150	89	29	197	175	22	–	–	–
No telephone in unit	62	62	–	67	49	9	–	–	–
1.01 or more persons per room	113	97	6	223	200	14	8	8	–
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**45 655**	**47 062**	**45 071**	**24 879**	**21 632**	**38 409**	**53 086**	**54 475**	**52 816**
Owner occupied (dollars)	54 786	59 022	51 362	67 156	68 793	39 773	54 793	57 066	53 745
Renter occupied (dollars)	30 336	31 424	24 412	19 817	16 705	35 833	40 664	39 643	41 211
Specified owner-occupied housing units	**2 994**	**1 600**	**1 282**	**171**	**146**	**20**	**1 280**	**328**	**762**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	2 348	1 438	833	128	103	20	1 228	328	710
Less than $200	26	7	19	–	–	–	–	–	–
$200 to $299	145	–	138	16	16	–	7	–	–
$300 to $399	200	67	115	9	9	–	18	–	18
$400 to $499	156	76	70	5	5	–	26	–	26
$500 to $599	170	64	106	5	–	–	11	–	11
$600 to $699	170	101	60	14	14	–	18	8	–
$700 to $799	154	98	49	–	–	–	64	7	50
$800 to $899	142	75	67	–	–	–	33	17	16
$900 to $999	142	125	17	10	10	–	63	28	25
$1,000 to $1,249	356	270	78	32	23	9	225	60	136
$1,250 to $1,499	249	191	50	29	18	11	401	80	233
$1,500 to $1,999	341	283	48	–	–	–	282	116	144
$2,000 or more	97	81	16	8	8	–	80	12	51
Median (dollars)	906	1 098	563	1 039	975	1 273	1 343	1 387	1 328
Mean (dollars)	984	1 147	717	967	931	1 256	1 333	1 414	1 298
Not mortgaged	646	162	449	43	43	–	52	–	52
Less than $100	43	9	34	7	7	–	–	–	–
$100 to $199	456	100	325	27	27	–	30	–	30
$200 to $299	132	43	85	9	9	–	–	–	–
$300 to $399	15	10	5	–	–	–	9	–	9
$400 to $499	–	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	13	–	13
Median (dollars)	167	178	165	133	133	–	191	–	191
Mean (dollars)	169	181	166	153	153	–	277	–	277
Specified renter-occupied housing units	**1 537**	**1 016**	**340**	**940**	**689**	**188**	**235**	**118**	**89**
GROSS RENT									
Less than $100	32	26	6	20	4	16	–	–	–
$100 to $149	39	28	11	39	39	–	–	–	–
$150 to $199	49	11	38	43	43	–	–	–	–
$200 to $249	35	24	5	15	15	–	–	–	–
$250 to $299	22	17	5	44	38	6	8	8	–
$300 to $349	46	41	5	6	–	6	–	–	–
$350 to $399	70	45	25	23	23	–	8	–	8
$400 to $449	134	72	62	30	21	9	–	–	–
$450 to $499	74	33	30	42	26	16	–	–	–
$500 to $549	113	77	28	75	49	8	–	–	–
$550 to $599	169	91	18	116	105	11	–	–	–
$600 to $649	152	118	17	111	95	16	–	–	–
$650 to $699	96	72	6	108	92	7	19	10	–
$700 to $749	131	104	7	90	51	32	7	–	7
$750 to $999	202	157	34	101	45	32	125	75	42
$1,000 or more	145	79	36	70	36	29	68	25	32
No cash rent	28	21	7	7	7	–	–	–	–
Median (dollars)	592	614	477	606	590	693	901	887	926
Mean (dollars)	618	621	550	599	563	671	950	906	994

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Table 88. Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Ewa Beach CDP					Halawa CDP				
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Specified owner-occupied housing units	**1 092**	**731**	**271**	**216**	**203**	**1 480**	**341**	**892**	**159**	**144**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	1 092	731	271	216	203	1 480	341	892	159	144
Less than 10 percent	199	94	87	55	55	344	56	227	36	36
10 to 14 percent	165	107	58	39	39	236	48	148	11	11
15 to 19 percent	194	158	25	63	63	207	37	157	11	11
20 to 24 percent	174	137	15	13	13	136	46	73	26	19
25 to 29 percent	133	70	49	8	–	165	29	98	52	44
30 to 34 percent	49	49	–	10	10	98	29	58	13	13
35 to 49 percent	71	45	11	15	15	192	61	75	10	10
50 percent or more	107	71	26	13	8	85	35	39	–	–
Not computed	–	–	–	–	–	17	–	17	–	–
Median	19.7	20.2	14.2	16.1	15.6	18.7	23.2	17.0	24.1	23.7
Less than $20,000	110	59	26	18	18	83	5	65	5	5
Less than 20 percent	24	24	–	–	–	35	–	28	–	–
20 to 24 percent	15	15	–	–	–	–	–	–	–	–
25 to 29 percent	10	–	10	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	10	10	–	–	–	–	–
35 percent or more	61	20	16	8	8	31	5	20	5	5
Not computed	–	–	–	–	–	17	–	17	–	–
Median	36.4	21.8	50.0+	34.5	34.5	19.5	50.0+	18.7	45.0	45.0
$20,000 to $34,999	161	72	80	43	43	243	47	142	37	29
Less than 20 percent	52	6	46	35	35	100	17	73	6	6
20 to 24 percent	9	–	–	–	–	9	–	5	5	5
25 to 29 percent	29	10	19	–	–	31	5	21	26	18
30 to 34 percent	11	11	–	–	–	12	–	12	–	–
35 percent or more	60	45	15	8	8	91	25	31	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	28.4	50.0+	15.7	17.7	17.7	27.0	35.6	19.6	26.4	26.0
$35,000 to $49,999	187	138	25	42	29	297	61	180	26	26
Less than 20 percent	66	40	10	15	15	127	–	83	7	7
20 to 24 percent	25	17	–	7	7	27	13	14	–	–
25 to 29 percent	51	42	9	8	–	31	–	31	8	8
30 to 34 percent	8	8	–	–	–	53	10	38	6	6
35 percent or more	37	31	6	12	7	59	38	14	5	5
Not computed	–	–	–	–	–	–	–	–	–	–
Median	25.2	26.4	26.4	24.3	14.8	24.0	37.5	22.5	28.8	28.8
$50,000 or more	634	462	140	113	113	857	228	505	91	84
Less than 20 percent	416	289	114	107	107	525	124	348	45	45
20 to 24 percent	125	105	15	6	6	100	33	54	21	14
25 to 29 percent	43	18	11	–	–	103	24	46	18	18
30 to 34 percent	30	30	–	–	–	33	19	8	7	7
35 percent or more	20	20	–	–	–	96	28	49	–	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	16.7	17.7	11.8	10.4	10.4	16.8	18.6	15.5	20.1	17.0
Specified renter-occupied housing units	**405**	**272**	**110**	**158**	**134**	**330**	**140**	**135**	**269**	**130**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	405	272	110	158	134	330	140	135	269	130
Less than 10 percent	18	7	8	–	–	35	5	26	17	12
10 to 14 percent	47	32	11	29	25	46	32	4	30	17
15 to 19 percent	83	51	32	18	18	34	7	19	39	14
20 to 24 percent	34	34	–	24	24	57	45	12	17	4
25 to 29 percent	84	58	26	6	6	36	11	20	27	15
30 to 34 percent	25	12	13	33	17	39	3	25	42	22
35 to 49 percent	43	28	15	20	16	20	10	10	34	11
50 percent or more	62	46	–	13	13	35	23	–	45	17
Not computed	9	4	5	15	15	28	4	19	18	18
Median	26.0	25.9	25.3	25.4	23.4	23.2	22.7	23.8	29.2	28.0
Less than $10,000	12	–	5	12	12	36	15	4	64	42
Less than 20 percent	–	–	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	4	4
25 to 29 percent	–	–	–	–	–	–	–	–	19	15
30 to 34 percent	–	–	–	–	–	5	–	–	12	12
35 percent or more	7	–	–	6	6	23	11	–	29	11
Not computed	5	–	5	6	6	8	4	4	–	–
Median	50.0+	–	–	50.0+	50.0+	50.0+	50.0+	–	33.8	30.8
$10,000 to $19,999	58	47	11	10	10	56	17	25	85	19
Less than 20 percent	–	–	–	–	–	14	–	6	24	–
20 to 24 percent	–	–	–	–	–	5	5	–	–	–
25 to 29 percent	11	11	–	–	–	5	–	5	8	–
30 to 34 percent	5	–	5	–	–	11	–	5	24	10
35 percent or more	42	36	6	10	10	18	12	6	26	6
Not computed	–	–	–	–	–	3	–	3	3	3
Median	50.0+	50.0+	40.8	50.0+	50.0+	31.1	50.0+	30.0	31.9	34.0
$20,000 to $34,999	89	42	38	56	52	96	59	27	57	24
Less than 20 percent	22	–	22	13	13	36	28	8	28	19
20 to 24 percent	6	6	–	3	3	25	18	7	5	–
25 to 29 percent	18	11	7	6	6	5	–	–	–	–
30 to 34 percent	–	–	–	17	17	3	3	–	6	–
35 percent or more	43	25	9	17	13	14	10	4	14	1
Not computed	–	–	–	–	–	13	–	8	4	4
Median	29.6	38.3	19.3	31.8	31.2	21.1	20.4	21.1	19.6	16.8
$35,000 or more	246	183	56	80	60	142	49	79	63	45
Less than 20 percent	126	90	29	34	30	65	16	35	34	24
20 to 24 percent	28	28	–	21	21	27	22	5	8	–
25 to 29 percent	55	36	19	–	–	26	11	15	–	–
30 to 34 percent	20	12	8	16	–	20	–	20	–	–
35 percent or more	13	13	–	–	–	–	–	–	10	10
Not computed	4	4	–	9	9	4	–	4	11	11
Median	19.6	20.0	19.5	20.4	17.5	20.7	21.9	22.5	13.2	12.9

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Hilo CDP						Honolulu CDP			
	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	American Indian	All Asian	Chinese	Filipino
Specified owner-occupied housing units	**4 641**	**228**	**407**	**3 926**	**901**	**880**	**54**	**28 083**	**6 786**	**2 527**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	4 641	228	407	3 926	901	880	54	28 083	6 786	2 527
Less than 10 percent	1 903	86	92	1 705	276	276	9	12 011	2 951	577
10 to 14 percent	793	59	60	668	181	181	7	4 358	879	434
15 to 19 percent	656	16	79	552	126	126	9	3 349	753	351
20 to 24 percent	463	17	44	382	96	91	–	2 312	588	291
25 to 29 percent	271	9	25	227	62	62	–	1 878	433	171
30 to 34 percent	215	17	30	161	24	24	–	1 283	317	176
35 to 49 percent	205	9	45	151	49	49	–	1 585	516	253
50 percent or more	131	11	32	80	72	61	29	1 188	336	252
Not computed	4	4	–	–	15	10	–	119	13	22
Median	12.6	12.2	18.3	11.9	14.6	14.4	50.0+	12.3	12.5	18.4
Less than $20,000	804	40	80	672	176	171	19	2 700	721	191
Less than 20 percent	462	25	39	394	51	51	7	1 388	350	40
20 to 24 percent	72	–	–	72	–	–	–	296	86	5
25 to 29 percent	39	–	–	39	28	28	–	154	40	–
30 to 34 percent	47	–	–	47	–	–	–	111	16	19
35 percent or more	180	11	41	120	82	82	12	653	216	105
Not computed	4	4	–	–	15	10	–	98	13	22
Median	16.5	15.0	35.4	16.3	35.6	35.6	50.0+	19.1	20.2	50.0+
$20,000 to $34,999	1 096	72	89	919	226	220	–	3 640	964	306
Less than 20 percent	719	47	27	639	132	132	–	2 586	749	115
20 to 24 percent	84	–	12	67	37	37	–	166	20	4
25 to 29 percent	78	5	3	65	10	10	–	129	23	4
30 to 34 percent	89	11	16	62	24	24	–	112	10	16
35 percent or more	126	9	31	86	23	17	–	638	162	167
Not computed	–	–	–	–	–	–	–	9	–	–
Median	11.5	11.8	30.8	10.0	17.3	16.9	–	10.7	10.0–	38.7
$35,000 to $49,999	973	51	116	792	238	233	17	4 643	1 160	446
Less than 20 percent	643	24	71	548	170	170	–	3 312	767	225
20 to 24 percent	162	17	19	119	39	39	–	298	97	55
25 to 29 percent	82	4	11	67	13	13	–	228	63	29
30 to 34 percent	65	6	10	42	–	–	–	276	76	39
35 percent or more	21	–	5	16	16	11	17	529	157	98
Not computed	–	–	–	–	–	–	–	–	–	–
Median	15.2	20.4	18.5	13.0	13.9	13.7	50.0+	10.0–	10.0–	19.7
$50,000 or more	1 768	65	122	1 543	261	256	18	17 100	3 941	1 584
Less than 20 percent	1 528	65	94	1 344	230	230	18	12 432	2 717	982
20 to 24 percent	145	–	13	124	20	15	–	1 552	385	227
25 to 29 percent	72	–	11	56	11	11	–	1 367	307	138
30 to 34 percent	14	–	4	10	–	–	–	784	215	102
35 percent or more	9	–	–	9	–	–	–	953	317	135
Not computed	–	–	–	–	–	–	–	12	–	–
Median	10.7	10.0–	12.4	10.5	12.0	11.9	12.5	11.8	11.9	16.5
Specified renter-occupied housing units	**1 845**	**111**	**501**	**1 160**	**1 102**	**1 001**	**303**	**33 611**	**5 803**	**6 632**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	1 845	111	501	1 160	1 102	1 001	303	33 611	5 803	6 632
Less than 10 percent	157	5	45	99	41	41	29	1 813	236	398
10 to 14 percent	315	10	93	200	92	92	25	3 955	665	887
15 to 19 percent	207	18	17	154	111	95	–	5 053	803	1 113
20 to 24 percent	258	4	90	156	166	139	44	4 390	618	1 108
25 to 29 percent	147	6	40	95	121	113	44	4 061	723	813
30 to 34 percent	138	–	43	91	103	95	31	2 568	462	598
35 to 49 percent	178	33	27	112	133	128	31	3 897	686	601
50 percent or more	308	23	123	151	304	273	65	5 222	988	729
Not computed	137	12	23	102	31	25	34	2 652	622	385
Median	23.4	36.4	24.7	22.4	30.2	30.4	29.1	25.3	26.9	23.3
Less than $10,000	569	40	204	320	348	311	40	6 187	1 361	842
Less than 20 percent	23	–	–	23	4	4	–	284	85	54
20 to 24 percent	70	4	23	43	10	10	–	328	72	68
25 to 29 percent	50	–	18	32	37	37	–	530	108	78
30 to 34 percent	43	–	12	31	18	18	–	241	59	59
35 percent or more	303	24	131	143	269	238	40	3 598	736	494
Not computed	80	12	20	48	10	4	–	1 206	301	89
Median	50.0+	50.0+	50.0+	42.6	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	380	41	80	247	310	296	43	6 771	1 176	1 287
Less than 20 percent	27	9	9	9	49	43	–	591	113	139
20 to 24 percent	43	–	17	26	13	13	–	575	126	169
25 to 29 percent	57	–	16	41	41	41	5	826	162	178
30 to 34 percent	63	–	26	37	41	33	–	758	164	117
35 percent or more	163	32	12	107	163	163	34	3 687	536	635
Not computed	27	–	–	27	3	3	4	334	75	49
Median	33.9	38.6	29.4	34.6	36.6	37.8	48.1	37.9	34.6	35.6
$20,000 to $34,999	507	25	111	345	288	238	113	9 301	1 537	1 862
Less than 20 percent	271	19	40	200	87	77	8	2 462	412	466
20 to 24 percent	130	–	50	72	109	82	31	1 643	193	390
25 to 29 percent	40	6	6	22	35	27	4	1 822	252	356
30 to 34 percent	28	–	5	23	44	44	31	1 224	202	359
35 percent or more	20	–	7	13	5	–	17	1 662	369	175
Not computed	18	–	3	15	8	8	22	488	109	116
Median	18.9	16.4	21.4	18.1	22.4	22.3	30.4	25.8	27.2	25.2
$35,000 or more	389	5	106	248	156	156	107	11 352	1 729	2 641
Less than 20 percent	358	5	106	221	104	104	46	7 484	1 094	1 739
20 to 24 percent	15	–	–	15	34	34	13	1 844	227	481
25 to 29 percent	–	–	–	–	8	8	35	883	201	201
30 to 34 percent	4	–	–	–	–	–	–	345	37	63
35 percent or more	–	–	–	–	–	–	5	172	33	26
Not computed	12	–	–	12	10	10	8	624	137	131
Median	11.8	10.0–	11.7	11.8	14.8	14.8	21.3	16.4	16.7	16.2

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—Con.**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Honolulu CDP—Con.							Kahului CDP		
	Japanese	Korean	Vietnamese	Laotian	All Pacific Islander	Hawaiian	Samoan	All Asian	Filipino	Japanese
Specified owner-occupied housing units	**17 751**	**861**	**43**	**–**	**2 473**	**2 443**	**19**	**2 287**	**833**	**1 338**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	17 751	861	43	–	2 473	2 443	19	2 287	833	1 338
Less than 10 percent	8 206	235	–	–	963	943	13	1 002	252	700
10 to 14 percent	2 868	149	6	–	245	241	–	340	115	209
15 to 19 percent	2 108	119	–	–	310	310	–	324	173	151
20 to 24 percent	1 375	58	–	–	293	287	6	246	91	139
25 to 29 percent	1 187	73	14	–	146	146	–	138	58	64
30 to 34 percent	703	70	17	–	150	150	–	57	25	28
35 to 49 percent	743	53	–	–	193	193	–	131	79	38
50 percent or more	483	104	–	–	160	160	–	49	40	9
Not computed	78	–	6	–	13	13	–	–	–	–
Median	11.1	17.0	29.5	–	15.4	15.5	10.0–	12.1	16.4	10.0–
Less than $20,000	1 665	95	12	–	251	234	13	304	45	242
Less than 20 percent	964	19	6	–	79	62	13	172	9	163
20 to 24 percent	205	–	–	–	12	12	–	70	18	41
25 to 29 percent	89	25	–	–	19	19	–	28	4	24
30 to 34 percent	69	7	–	–	21	21	–	–	–	–
35 percent or more	281	44	–	–	107	107	–	34	14	14
Not computed	57	–	6	–	13	13	–	–	–	–
Median	17.3	32.5	12.5	–	32.1	34.2	10.0–	18.6	23.8	17.0
$20,000 to $34,999	2 253	98	–	–	457	457	–	413	159	248
Less than 20 percent	1 678	31	–	–	272	272	–	318	99	213
20 to 24 percent	134	8	–	–	36	36	–	27	10	17
25 to 29 percent	94	8	–	–	22	22	–	33	19	14
30 to 34 percent	80	6	–	–	32	32	–	–	–	–
35 percent or more	258	45	–	–	95	95	–	35	31	4
Not computed	9	–	–	–	–	–	–	–	–	–
Median	10.0–	31.7	–	–	13.6	13.6	–	10.0–	17.0	10.0–
$35,000 to $49,999	2 839	152	9	–	469	463	6	514	193	281
Less than 20 percent	2 212	84	–	–	314	314	–	310	85	197
20 to 24 percent	139	7	–	–	37	31	6	53	23	30
25 to 29 percent	136	–	–	–	35	35	–	36	19	17
30 to 34 percent	139	13	9	–	22	22	–	29	7	18
35 percent or more	213	48	–	–	61	61	–	86	59	19
Not computed	–	–	–	–	–	–	–	–	–	–
Median	10.0–	13.5	32.5	–	14.4	14.0	22.5	12.9	22.5	10.0–
$50,000 or more	10 994	516	22	–	1 296	1 289	–	1 056	436	567
Less than 20 percent	8 328	369	–	–	853	846	–	866	347	487
20 to 24 percent	897	43	–	–	208	208	–	96	40	51
25 to 29 percent	868	40	14	–	70	70	–	41	16	9
30 to 34 percent	415	44	8	–	75	75	–	28	18	10
35 percent or more	474	20	–	–	90	90	–	25	15	10
Not computed	12	–	–	–	–	–	–	–	–	–
Median	10.6	15.1	28.9	–	14.2	14.4	–	10.5	15.0	10.0–
Specified renter-occupied housing units	**15 873**	**3 306**	**1 075**	**290**	**7 184**	**5 342**	**1 204**	**1 018**	**436**	**486**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	15 873	3 306	1 075	290	7 184	5 342	1 204	1 018	436	486
Less than 10 percent	988	139	28	6	366	317	49	65	29	25
10 to 14 percent	2 034	286	37	22	773	620	107	125	85	40
15 to 19 percent	2 542	312	135	68	783	619	131	192	67	99
20 to 24 percent	2 139	356	70	39	958	669	148	99	57	29
25 to 29 percent	1 887	371	131	44	826	624	156	121	44	71
30 to 34 percent	1 100	295	36	26	759	550	144	34	10	24
35 to 49 percent	1 757	513	221	20	941	675	184	105	49	52
50 percent or more	2 138	800	342	65	1 353	983	202	100	25	48
Not computed	1 288	234	75	–	425	285	83	177	70	98
Median	24.0	31.2	38.9	26.1	28.0	27.4	29.0	21.9	20.2	25.1
Less than $10,000	2 568	875	325	103	1 599	1 097	397	248	85	132
Less than 20 percent	60	74	11	–	67	43	24	36	18	18
20 to 24 percent	122	40	12	14	81	68	13	14	6	8
25 to 29 percent	252	59	19	14	179	101	78	31	11	20
30 to 34 percent	67	36	7	13	102	80	22	15	–	15
35 percent or more	1 518	498	205	62	950	671	195	112	34	47
Not computed	549	168	71	–	220	134	65	40	16	24
Median	50.0+	50.0+	50.0+	48.8	50.0+	50.0+	41.5	36.6	29.8	32.7
$10,000 to $19,999	3 035	720	330	65	1 657	1 096	320	122	12	101
Less than 20 percent	240	25	50	14	129	73	56	17	8	9
20 to 24 percent	242	20	8	10	138	76	25	–	–	–
25 to 29 percent	367	56	36	10	169	126	21	28	–	28
30 to 34 percent	365	92	–	8	274	176	61	9	–	9
35 percent or more	1 627	516	236	23	889	599	150	41	4	37
Not computed	194	11	–	–	58	46	7	27	–	18
Median	37.2	46.3	42.5	29.2	39.1	39.6	34.5	31.4	18.8	32.5
$20,000 to $34,999	4 449	872	279	84	1 836	1 414	322	226	111	96
Less than 20 percent	1 231	189	53	50	426	299	110	31	16	15
20 to 24 percent	880	109	30	15	354	262	79	40	21	6
25 to 29 percent	938	163	52	14	331	266	48	29	–	23
30 to 34 percent	488	131	22	5	279	203	48	10	10	–
35 percent or more	680	256	122	–	389	339	32	45	29	16
Not computed	232	24	–	–	57	45	5	71	35	36
Median	25.0	28.9	31.0	19.2	26.7	27.3	23.1	26.1	30.5	27.0
$35,000 or more	5 821	839	141	38	2 092	1 735	165	422	228	157
Less than 20 percent	4 033	449	86	32	1 300	1 141	97	298	139	122
20 to 24 percent	895	187	20	–	385	263	31	45	30	15
25 to 29 percent	330	93	24	6	147	131	9	33	33	–
30 to 34 percent	180	36	7	–	104	91	13	–	–	–
35 percent or more	70	43	–	–	66	49	9	7	7	–
Not computed	313	31	4	–	90	60	6	39	19	20
Median	16.1	18.5	18.1	13.0	16.7	16.1	17.9	16.3	16.2	16.2

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—Con.**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kahului CDP—Con.		Kailua CDP, Honolulu County						Kaneohe CDP	
	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Chinese
Specified owner-occupied housing units	**114**	**110**	**2 227**	**432**	**233**	**1 473**	**756**	**741**	**3 894**	**630**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	114	110	2 227	432	233	1 473	756	741	3 894	630
Less than 10 percent	38	34	736	169	33	525	177	177	1 311	246
10 to 14 percent	20	20	321	51	11	259	102	102	594	73
15 to 19 percent	16	16	327	51	42	218	159	152	467	62
20 to 24 percent	9	9	256	24	71	146	76	76	439	40
25 to 29 percent	19	19	190	53	7	103	53	53	346	78
30 to 34 percent	–	–	167	36	15	109	44	44	306	43
35 to 49 percent	4	4	180	27	54	89	100	92	292	50
50 percent or more	8	8	50	21	–	24	45	45	134	38
Not computed	–	–	–	–	–	–	–	–	5	–
Median	14.7	15.3	15.9	14.6	22.1	14.1	18.1	18.0	15.4	14.7
Less than $20,000	29	29	171	35	28	103	37	37	251	50
Less than 20 percent	–	–	111	14	28	64	18	18	117	16
20 to 24 percent	6	6	–	–	–	–	–	–	12	–
25 to 29 percent	15	15	–	–	–	–	–	–	13	–
30 to 34 percent	–	–	10	–	–	10	–	–	13	–
35 percent or more	8	8	50	21	–	29	19	19	91	34
Not computed	–	–	–	–	–	–	–	–	5	–
Median	27.8	27.8	17.9	50.0+	17.5	17.8	50.0+	50.0+	22.5	50.0+
$20,000 to $34,999	14	10	278	40	5	216	100	100	568	102
Less than 20 percent	10	6	156	14	–	136	54	54	346	63
20 to 24 percent	–	–	13	–	–	13	–	–	26	–
25 to 29 percent	–	–	34	7	–	27	5	5	43	31
30 to 34 percent	–	–	14	7	–	7	4	4	54	4
35 percent or more	4	4	61	12	5	33	37	37	99	4
Not computed	–	–	–	–	–	–	–	–	–	–
Median	12.5	14.2	17.8	29.3	37.5	16.3	18.9	18.9	13.1	10.0–
$35,000 to $49,999	–	–	309	67	33	209	163	163	688	129
Less than 20 percent	–	–	201	48	7	146	79	79	300	45
20 to 24 percent	–	–	10	5	–	5	17	17	62	9
25 to 29 percent	–	–	22	4	–	18	11	11	80	13
30 to 34 percent	–	–	45	10	7	28	12	12	105	18
35 percent or more	–	–	31	–	19	12	44	44	141	44
Not computed	–	–	–	–	–	–	–	–	–	–
Median	–	–	15.3	15.2	36.6	10.2	20.7	20.7	23.5	29.0
$50,000 or more	71	71	1 469	290	167	945	456	441	2 387	349
Less than 20 percent	64	64	916	195	51	656	287	280	1 609	257
20 to 24 percent	3	3	233	19	71	128	59	59	339	31
25 to 29 percent	4	4	134	42	7	58	37	37	210	34
30 to 34 percent	–	–	98	19	8	64	28	28	134	21
35 percent or more	–	–	88	15	30	39	45	37	95	6
Not computed	–	–	–	–	–	–	–	–	–	–
Median	10.5	10.5	14.9	13.4	22.3	13.5	17.7	17.5	14.3	12.1
Specified renter-occupied housing units	**431**	**368**	**326**	**30**	**120**	**144**	**433**	**396**	**636**	**90**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	431	368	326	30	120	144	433	396	636	90
Less than 10 percent	4	4	11	4	–	7	3	3	48	20
10 to 14 percent	27	27	31	8	–	16	46	46	94	10
15 to 19 percent	74	66	54	–	15	31	100	100	63	–
20 to 24 percent	104	104	21	–	6	9	81	68	88	20
25 to 29 percent	41	27	45	12	29	4	39	32	63	–
30 to 34 percent	36	29	16	–	11	5	28	21	44	3
35 to 49 percent	74	51	64	–	33	22	20	20	79	7
50 percent or more	29	18	38	–	26	12	76	66	93	16
Not computed	42	42	46	6	–	38	40	40	64	14
Median	24.3	23.2	27.6	20.0	34.5	19.8	22.9	22.1	24.6	22.0
Less than $10,000	37	37	23	–	9	14	62	52	61	9
Less than 20 percent	–	–	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	12	–
30 to 34 percent	–	–	–	–	–	–	–	–	–	–
35 percent or more	14	14	9	–	9	–	52	42	40	9
Not computed	23	23	14	–	–	14	10	10	9	–
Median	47.0	47.0	50.0+	–	50.0+	–	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	71	55	59	–	30	29	48	48	75	14
Less than 20 percent	17	17	4	–	–	4	–	–	8	–
20 to 24 percent	–	–	–	–	–	–	–	–	–	–
25 to 29 percent	16	6	–	–	–	–	–	–	8	–
30 to 34 percent	3	3	–	–	–	–	–	–	–	–
35 percent or more	35	29	46	–	30	16	21	21	56	14
Not computed	–	–	9	–	–	9	27	27	3	–
Median	34.2	35.7	44.4	–	46.7	38.8	50.0+	50.0+	48.5	50.0
$20,000 to $34,999	142	103	75	6	42	16	85	72	203	6
Less than 20 percent	13	13	5	–	5	–	17	17	33	6
20 to 24 percent	24	24	9	–	–	9	26	13	23	–
25 to 29 percent	25	21	21	–	21	–	17	17	19	–
30 to 34 percent	14	7	11	–	11	–	7	7	35	–
35 percent or more	54	26	18	–	5	4	18	18	76	–
Not computed	12	12	11	6	–	3	–	–	17	–
Median	31.1	27.0	29.3	–	28.8	23.6	24.9	26.8	32.6	12.5
$35,000 or more	181	173	169	24	39	85	238	224	297	61
Less than 20 percent	75	67	87	12	10	50	132	132	164	24
20 to 24 percent	80	80	12	–	6	–	55	55	65	20
25 to 29 percent	–	–	24	12	8	4	22	15	24	–
30 to 34 percent	19	19	5	–	–	5	21	14	9	3
35 percent or more	–	–	29	–	15	14	5	5	–	–
Not computed	7	7	12	–	–	12	3	3	35	14
Median	20.7	21.0	19.1	20.0	27.2	17.5	19.2	18.8	15.4	14.4

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—Con.**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe CDP—Con.				Kihei CDP				Mililani Town CDP	
	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	All Pacific Islander	Hawaiian	All Asian	Chinese
Specified owner-occupied housing units	**316**	**2 773**	**596**	**575**	**437**	**297**	**119**	**119**	**3 472**	**338**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	316	2 773	596	575	437	297	119	119	3 472	338
Less than 10 percent	49	972	135	129	77	38	15	15	299	39
10 to 14 percent	39	432	87	87	42	35	12	12	470	49
15 to 19 percent	47	340	88	88	87	60	16	16	494	42
20 to 24 percent	71	313	138	123	53	46	16	16	586	56
25 to 29 percent	28	240	48	48	76	58	22	22	521	39
30 to 34 percent	31	210	28	28	15	9	21	21	392	49
35 to 49 percent	33	188	44	44	9	9	8	8	508	57
50 percent or more	18	73	28	28	78	42	9	9	202	7
Not computed	–	5	–	–	–	–	–	–	–	–
Median	21.6	14.8	19.3	19.1	21.2	21.7	25.1	25.1	24.0	23.5
Less than $20,000	15	186	27	27	36	36	–	–	88	12
Less than 20 percent	–	101	–	–	–	–	–	–	–	–
20 to 24 percent	7	5	–	–	11	11	–	–	–	–
25 to 29 percent	–	13	–	–	5	5	–	–	–	–
30 to 34 percent	–	13	–	–	–	–	–	–	–	–
35 percent or more	8	49	27	27	20	20	–	–	88	12
Not computed	–	5	–	–	–	–	–	–	–	–
Median	50.0+	18.2	50.0+	50.0+	50.0+	50.0+	–	–	50.0+	39.3
$20,000 to $34,999	46	366	73	73	50	5	9	9	225	20
Less than 20 percent	5	244	33	33	9	–	9	9	58	20
20 to 24 percent	6	20	–	–	–	–	–	–	21	–
25 to 29 percent	–	12	17	17	–	–	–	–	4	–
30 to 34 percent	16	29	6	6	–	–	–	–	5	–
35 percent or more	19	61	17	17	41	5	–	–	137	–
Not computed	–	–	–	–	–	–	–	–	–	–
Median	33.8	12.3	26.0	26.0	50.0+	50.0+	10.0–	10.0–	38.4	14.5
$35,000 to $49,999	88	440	125	125	74	58	51	51	693	76
Less than 20 percent	19	222	70	70	38	28	–	–	166	19
20 to 24 percent	19	34	21	21	–	–	9	9	42	7
25 to 29 percent	28	39	13	13	5	5	13	13	73	–
30 to 34 percent	8	67	16	16	15	9	12	12	145	17
35 percent or more	14	78	5	5	16	16	17	17	267	33
Not computed	–	–	–	–	–	–	–	–	–	–
Median	26.1	19.7	16.9	16.9	19.6	26.0	31.5	31.5	32.3	33.5
$50,000 or more	167	1 781	371	350	277	198	59	59	2 466	230
Less than 20 percent	111	1 177	207	201	159	105	34	34	1 039	91
20 to 24 percent	39	254	117	102	42	35	7	7	523	49
25 to 29 percent	–	176	18	18	66	48	9	9	444	39
30 to 34 percent	7	101	6	6	–	–	9	9	242	32
35 percent or more	10	73	23	23	10	10	–	–	218	19
Not computed	–	–	–	–	–	–	–	–	–	–
Median	16.8	14.4	18.2	17.8	18.6	19.4	18.6	18.6	21.9	22.4
Specified renter-occupied housing units	**149**	**362**	**638**	**585**	**228**	**137**	**140**	**112**	**229**	**21**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	149	362	638	585	228	137	140	112	229	21
Less than 10 percent	–	28	43	35	24	–	–	–	–	–
10 to 14 percent	35	49	49	49	36	36	9	9	43	–
15 to 19 percent	11	44	92	92	10	–	–	–	22	–
20 to 24 percent	8	60	69	64	23	14	39	26	55	–
25 to 29 percent	28	35	83	76	27	17	10	10	29	7
30 to 34 percent	11	30	56	36	14	14	22	22	26	10
35 to 49 percent	34	24	101	93	22	16	21	6	14	4
50 percent or more	22	42	94	89	62	30	24	24	32	–
Not computed	–	50	51	51	10	10	15	15	8	–
Median	28.7	22.9	27.4	26.8	28.0	29.0	31.0	30.8	24.1	31.7
Less than $10,000	–	52	64	46	28	14	24	24	7	–
Less than 20 percent	–	–	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–	4	–
25 to 29 percent	–	12	7	–	–	–	–	–	–	–
30 to 34 percent	–	–	20	9	–	–	–	–	–	–
35 percent or more	–	31	37	37	28	14	24	24	3	–
Not computed	–	9	–	–	–	–	–	–	–	–
Median	–	50.0+	38.1	50.0+	50.0+	50.0+	50.0+	50.0+	24.4	–
$10,000 to $19,999	21	24	147	130	–	–	8	8	18	–
Less than 20 percent	–	8	–	–	–	–	–	–	6	–
20 to 24 percent	–	–	9	9	–	–	–	–	6	–
25 to 29 percent	8	–	34	34	–	–	–	–	–	–
30 to 34 percent	–	–	21	12	–	–	–	–	–	–
35 percent or more	13	13	73	65	–	–	–	–	6	–
Not computed	–	3	10	10	–	–	8	8	–	–
Median	45.0	43.1	36.6	36.8	–	–	–	–	22.5	–
$20,000 to $34,999	68	110	189	184	82	58	37	22	84	4
Less than 20 percent	8	11	59	59	11	11	–	–	16	–
20 to 24 percent	–	23	28	28	–	–	10	10	16	–
25 to 29 percent	6	13	19	19	17	17	–	–	8	–
30 to 34 percent	11	24	5	5	14	14	12	12	7	–
35 percent or more	43	22	72	67	40	16	15	–	37	4
Not computed	–	17	6	6	–	–	–	–	–	–
Median	43.1	29.8	26.2	25.5	34.6	30.4	33.5	30.4	31.4	45.0
$35,000 or more	60	176	238	225	118	65	71	58	120	17
Less than 20 percent	38	102	125	117	59	25	9	9	43	–
20 to 24 percent	8	37	32	27	23	14	29	16	29	–
25 to 29 percent	14	10	23	23	10	–	10	10	21	7
30 to 34 percent	–	6	10	10	–	–	10	10	19	10
35 percent or more	–	–	13	13	16	16	6	6	–	–
Not computed	–	21	35	35	10	10	7	7	8	–
Median	16.4	15.1	17.6	17.8	17.5	20.9	24.0	25.2	22.2	30.7

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Mililani Town CDP—Con.				Pearl City CDP			
	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese
Specified owner-occupied housing units	**648**	**2 282**	**431**	**399**	**4 601**	**324**	**677**	**3 463**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	648	2 282	431	399	4 601	324	677	3 463
Less than 10 percent	57	172	12	6	1 850	172	204	1 437
10 to 14 percent	92	300	63	63	978	64	131	750
15 to 19 percent	80	364	37	37	601	26	95	462
20 to 24 percent	93	408	58	52	364	17	54	278
25 to 29 percent	85	365	94	74	294	22	40	211
30 to 34 percent	98	224	47	47	168	8	42	118
35 to 49 percent	83	329	96	96	173	10	54	109
50 percent or more	60	120	24	24	167	5	57	92
Not computed	–	–	–	–	6	–	–	6
Median	25.1	23.7	27.4	27.8	12.3	10.0–	15.2	11.9
Less than $20,000	20	56	13	13	219	15	31	166
Less than 20 percent	–	–	–	–	88	10	15	63
20 to 24 percent	–	–	–	–	23	–	–	23
25 to 29 percent	–	–	–	–	9	–	–	9
30 to 34 percent	–	–	–	–	5	–	–	5
35 percent or more	20	56	13	13	88	5	16	60
Not computed	–	–	–	–	6	–	–	6
Median	50.0+	50.0+	50.0+	50.0+	24.0	12.5	50.0+	23.7
$20,000 to $34,999	39	121	53	53	509	54	70	354
Less than 20 percent	–	19	–	–	379	44	30	288
20 to 24 percent	9	6	–	–	15	–	–	15
25 to 29 percent	4	–	7	7	13	–	–	5
30 to 34 percent	–	5	21	21	30	–	–	30
35 percent or more	26	91	25	25	72	10	40	16
Not computed	–	–	–	–	–	–	–	–
Median	50.0+	40.3	34.6	34.6	11.8	10.0–	37.1	11.6
$35,000 to $49,999	145	425	76	57	694	58	96	520
Less than 20 percent	32	110	11	11	418	47	36	322
20 to 24 percent	–	35	14	8	58	–	10	48
25 to 29 percent	13	50	13	–	75	11	4	53
30 to 34 percent	37	78	6	6	38	–	13	25
35 percent or more	63	152	32	32	105	–	33	72
Not computed	–	–	–	–	–	–	–	–
Median	33.7	31.1	30.0	36.0	14.6	10.5	27.5	14.9
$50,000 or more	444	1 680	289	276	3 179	197	480	2 423
Less than 20 percent	197	707	101	95	2 544	161	349	1 976
20 to 24 percent	84	367	44	44	268	17	44	192
25 to 29 percent	68	315	74	67	197	11	36	144
30 to 34 percent	61	141	20	20	95	8	29	58
35 percent or more	34	150	50	50	75	–	22	53
Not computed	–	–	–	–	–	–	–	–
Median	21.5	21.8	24.9	24.9	11.5	10.0–	13.7	11.1
Specified renter-occupied housing units	**107**	**87**	**148**	**115**	**684**	**63**	**218**	**368**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	107	87	148	115	684	63	218	368
Less than 10 percent	–	–	–	–	21	–	6	15
10 to 14 percent	17	26	–	–	72	7	24	41
15 to 19 percent	11	11	19	–	120	11	43	60
20 to 24 percent	34	21	27	19	71	7	11	45
25 to 29 percent	14	8	44	38	99	13	36	44
30 to 34 percent	4	7	26	26	53	4	23	26
35 to 49 percent	5	5	–	–	110	4	15	85
50 percent or more	17	6	28	28	82	17	35	21
Not computed	5	3	4	4	56	–	25	31
Median	23.4	21.2	28.0	29.8	26.5	27.5	26.7	25.9
Less than $10,000	4	–	15	15	85	4	25	56
Less than 20 percent	–	–	–	–	–	–	–	–
20 to 24 percent	4	–	–	–	8	–	–	8
25 to 29 percent	–	–	3	3	23	–	8	15
30 to 34 percent	–	–	–	–	–	–	–	–
35 percent or more	–	–	12	12	39	4	6	29
Not computed	–	–	–	–	15	–	11	4
Median	22.5	–	50.0+	50.0+	41.9	50.0+	29.4	41.4
$10,000 to $19,999	–	12	20	20	149	17	51	66
Less than 20 percent	–	6	–	–	–	–	–	–
20 to 24 percent	–	6	–	–	5	–	–	5
25 to 29 percent	–	–	–	–	11	–	–	5
30 to 34 percent	–	–	8	8	8	–	4	4
35 percent or more	–	–	12	12	107	17	35	46
Not computed	–	–	–	–	18	–	12	6
Median	–	20.0	50.0+	50.0+	47.5	50.0+	50.0+	39.4
$20,000 to $34,999	49	31	56	48	154	20	50	78
Less than 20 percent	11	5	–	–	22	–	10	12
20 to 24 percent	8	8	17	9	18	3	7	8
25 to 29 percent	8	–	23	23	29	13	10	6
30 to 34 percent	–	7	12	12	40	4	14	22
35 percent or more	22	11	4	4	35	–	9	20
Not computed	–	–	–	–	10	–	–	10
Median	28.4	31.8	27.4	28.3	30.4	27.7	29.0	31.8
$35,000 or more	54	44	57	32	296	22	92	168
Less than 20 percent	17	26	19	–	191	18	63	104
20 to 24 percent	22	7	10	10	40	4	4	24
25 to 29 percent	6	8	18	12	36	–	18	18
30 to 34 percent	4	–	6	6	5	–	5	–
35 percent or more	–	–	–	–	11	–	–	11
Not computed	5	3	4	4	13	–	2	11
Median	21.7	14.9	23.8	26.7	17.5	16.8	17.3	17.3

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990—Con.**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Pearl City CDP—Con.		Wahiawa CDP					Wailuku CDP		
	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese
Specified owner-occupied housing units	**329**	**296**	**1 944**	**341**	**1 320**	**69**	**57**	**1 103**	**162**	**855**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	329	296	1 944	341	1 320	69	57	1 103	162	855
Less than 10 percent	93	93	980	125	726	–	–	537	63	451
10 to 14 percent	87	72	235	42	157	13	8	187	36	121
15 to 19 percent	72	63	189	43	105	–	–	142	27	111
20 to 24 percent	44	35	183	10	139	14	14	114	19	72
25 to 29 percent	11	11	120	36	71	11	11	62	–	56
30 to 34 percent	5	5	59	19	33	–	–	–	–	–
35 to 49 percent	11	11	92	33	46	21	14	44	17	27
50 percent or more	6	6	82	33	43	10	10	17	–	17
Not computed	–	–	4	–	–	–	–	–	–	–
Median	14.1	13.8	10.0–	15.4	10.0–	28.4	28.0	10.4	12.5	10.0–
Less than $20,000	5	5	256	35	178	8	8	150	12	122
Less than 20 percent	5	5	117	7	88	8	8	118	12	90
20 to 24 percent	–	–	35	–	24	–	–	18	–	18
25 to 29 percent	–	–	26	10	16	–	–	6	–	6
30 to 34 percent	–	–	13	–	13	–	–	–	–	–
35 percent or more	–	–	61	18	37	–	–	8	–	8
Not computed	–	–	4	–	–	–	–	–	–	–
Median	17.5	17.5	21.3	50.0+	20.2	12.5	12.5	13.8	16.7	14.0
$20,000 to $34,999	52	52	334	53	245	18	18	175	19	143
Less than 20 percent	41	41	257	20	217	–	–	160	15	132
20 to 24 percent	–	–	21	–	11	–	–	4	4	–
25 to 29 percent	5	5	6	–	6	–	–	–	–	–
30 to 34 percent	–	–	6	6	–	–	–	–	–	–
35 percent or more	6	6	44	27	11	18	18	11	–	11
Not computed	–	–	–	–	–	–	–	–	–	–
Median	10.0–	10.0–	10.0–	35.4	10.0–	50.0+	50.0+	10.0–	11.1	10.0–
$35,000 to $49,999	54	47	452	84	314	11	6	166	25	130
Less than 20 percent	38	31	316	53	229	5	–	115	16	99
20 to 24 percent	–	–	49	6	37	–	–	25	9	11
25 to 29 percent	–	–	24	5	12	–	–	14	–	8
30 to 34 percent	5	5	27	8	12	–	–	–	–	–
35 percent or more	11	11	36	12	24	6	6	12	–	12
Not computed	–	–	–	–	–	–	–	–	–	–
Median	14.3	15.3	10.0–	16.8	10.0–	35.4	37.5	10.0–	10.0–	10.0–
$50,000 or more	218	192	902	169	583	32	25	612	106	460
Less than 20 percent	168	151	714	130	454	–	–	473	83	362
20 to 24 percent	44	35	78	4	67	14	14	67	6	43
25 to 29 percent	6	6	64	21	37	11	11	42	–	42
30 to 34 percent	–	–	13	5	8	–	–	–	–	–
35 percent or more	–	–	33	9	17	7	–	30	17	13
Not computed	–	–	–	–	–	–	–	–	–	–
Median	14.5	13.9	10.0–	12.2	10.0–	25.9	24.5	11.7	12.9	10.3
Specified renter-occupied housing units	**268**	**211**	**1 027**	**555**	**247**	**489**	**401**	**683**	**221**	**383**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
All income levels	268	211	1 027	555	247	489	401	683	221	383
Less than 10 percent	–	–	85	69	5	18	18	47	12	35
10 to 14 percent	14	14	154	73	61	42	42	83	12	66
15 to 19 percent	79	59	167	88	42	64	47	104	45	53
20 to 24 percent	42	42	125	66	12	53	42	123	38	50
25 to 29 percent	18	13	84	61	11	88	76	92	56	36
30 to 34 percent	34	23	57	48	9	27	16	53	7	31
35 to 49 percent	43	43	129	91	15	80	55	48	13	35
50 percent or more	21	10	149	47	43	105	93	38	7	18
Not computed	17	7	77	12	49	12	12	95	31	59
Median	23.9	23.5	22.8	23.1	18.9	28.5	28.0	22.4	23.4	20.8
Less than $10,000	14	14	215	54	58	128	101	58	15	25
Less than 20 percent	–	–	22	–	–	–	–	–	–	–
20 to 24 percent	–	–	6	6	–	–	–	–	–	–
25 to 29 percent	8	8	8	–	2	12	12	11	–	11
30 to 34 percent	–	–	6	6	–	6	–	–	–	–
35 percent or more	6	6	135	42	34	98	77	34	7	14
Not computed	–	–	38	–	22	12	12	13	8	–
Median	29.4	29.4	50.0+	50.0+	50.0+	50.0+	50.0+	50.0+	45.0	50.0+
$10,000 to $19,999	28	13	245	164	42	109	86	104	11	93
Less than 20 percent	–	–	40	32	–	20	20	16	–	16
20 to 24 percent	–	–	27	19	–	4	4	32	–	32
25 to 29 percent	–	–	29	20	9	22	15	15	8	7
30 to 34 percent	4	–	35	26	9	10	10	–	–	–
35 percent or more	24	13	114	67	24	53	37	25	–	25
Not computed	–	–	–	–	–	–	–	16	3	13
Median	50.0+	38.6	33.8	32.1	37.1	34.2	32.0	24.4	27.5	23.8
$20,000 to $34,999	57	47	208	122	52	145	118	260	111	111
Less than 20 percent	–	–	85	47	31	48	31	54	9	39
20 to 24 percent	8	8	51	12	12	26	26	78	38	14
25 to 29 percent	5	5	15	15	–	26	21	42	38	4
30 to 34 percent	18	11	7	7	–	11	6	36	7	23
35 percent or more	23	23	29	29	–	34	34	27	13	14
Not computed	3	–	21	12	9	–	–	23	6	17
Median	33.9	34.8	20.8	23.3	17.4	24.7	25.5	24.1	25.7	22.9
$35,000 or more	169	137	359	215	95	107	96	261	84	154
Less than 20 percent	93	73	259	151	77	56	56	164	60	99
20 to 24 percent	34	34	41	29	–	23	12	13	–	4
25 to 29 percent	5	–	32	26	–	28	28	24	10	14
30 to 34 percent	12	12	9	9	–	–	–	17	–	8
35 percent or more	11	11	–	–	–	–	–	–	–	–
Not computed	14	7	18	–	18	–	–	43	14	29
Median	19.0	19.3	14.9	16.1	13.5	18.4	15.0	16.0	16.5	14.4

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Wailuku CDP—Con.		Waimalu CDP						
	All Pacific Islander	Hawaiian	All Asian	Chinese	Filipino	Japanese	Korean	All Pacific Islander	Hawaiian
Specified owner-occupied housing units	**244**	**239**	**3 055**	**363**	**346**	**2 234**	**94**	**269**	**228**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	244	239	3 055	363	346	2 234	94	269	228
Less than 10 percent	127	127	517	54	45	380	38	12	12
10 to 14 percent	62	62	462	69	57	328	8	46	39
15 to 19 percent	30	30	417	61	39	311	6	35	23
20 to 24 percent	7	7	506	51	38	390	19	36	36
25 to 29 percent	10	10	410	60	46	304	–	36	36
30 to 34 percent	–	–	277	17	56	194	–	11	6
35 to 49 percent	–	–	338	51	33	254	–	70	70
50 percent or more	8	3	128	–	32	73	23	23	6
Not computed	–	–	–	–	–	–	–	–	–
Median	10.0–	10.0–	21.3	19.8	24.2	21.3	15.8	25.8	25.6
Less than $20,000	36	31	139	25	11	97	6	11	–
Less than 20 percent	31	31	95	17	6	72	–	–	–
20 to 24 percent	–	–	39	8	–	25	6	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–
35 percent or more	5	–	5	–	5	–	–	11	–
Not computed	–	–	–	–	–	–	–	–	–
Median	12.6	11.9	13.3	12.5	10.0–	13.0	22.5	50.0+	–
$20,000 to $34,999	48	48	235	16	52	162	–	19	19
Less than 20 percent	38	38	60	8	–	52	–	–	–
20 to 24 percent	7	7	20	–	4	16	–	–	–
25 to 29 percent	–	–	32	8	8	16	–	–	–
30 to 34 percent	–	–	32	–	5	22	–	–	–
35 percent or more	3	3	91	–	35	56	–	19	19
Not computed	–	–	–	–	–	–	–	–	–
Median	10.6	10.6	30.9	17.5	39.5	29.1	–	38.7	38.7
$35,000 to $49,999	36	36	400	66	58	243	28	79	73
Less than 20 percent	26	26	75	9	12	48	6	18	18
20 to 24 percent	–	–	51	8	5	33	5	5	5
25 to 29 percent	10	10	48	16	5	27	–	15	15
30 to 34 percent	–	–	93	–	27	61	–	6	6
35 percent or more	–	–	133	33	9	74	17	35	29
Not computed	–	–	–	–	–	–	–	–	–
Median	10.0–	10.0–	31.4	32.5	31.3	31.1	50.0+	31.3	29.5
$50,000 or more	124	124	2 281	256	225	1 732	60	160	136
Less than 20 percent	124	124	1 166	150	123	847	46	75	56
20 to 24 percent	–	–	396	35	29	316	8	31	31
25 to 29 percent	–	–	330	36	33	261	–	21	21
30 to 34 percent	–	–	152	17	24	111	–	5	–
35 percent or more	–	–	237	18	16	197	6	28	28
Not computed	–	–	–	–	–	–	–	–	–
Median	10.0–	10.0–	19.7	18.2	18.1	20.3	10.0–	20.8	21.9
Specified renter-occupied housing units	**347**	**336**	**886**	**113**	**318**	**341**	**73**	**249**	**201**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	347	336	886	113	318	341	73	249	201
Less than 10 percent	53	53	27	–	9	18	–	–	–
10 to 14 percent	31	31	117	–	60	48	9	48	34
15 to 19 percent	54	54	142	27	53	52	10	28	28
20 to 24 percent	47	47	138	26	64	24	24	56	44
25 to 29 percent	52	52	101	11	25	50	–	33	33
30 to 34 percent	–	–	68	6	29	33	–	8	8
35 to 49 percent	24	24	71	17	15	31	8	27	27
50 percent or more	39	28	161	22	46	45	22	29	19
Not computed	47	47	61	4	17	40	–	20	8
Median	21.3	20.7	24.6	25.7	22.2	25.8	23.6	23.4	23.9
Less than $10,000	56	56	36	–	25	11	–	30	8
Less than 20 percent	–	–	–	–	–	–	–	–	–
20 to 24 percent	9	9	–	–	–	–	–	–	–
25 to 29 percent	12	12	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–
35 percent or more	15	15	19	–	19	–	–	10	–
Not computed	20	20	17	–	6	11	–	20	8
Median	28.8	28.8	50.0+	–	50.0+	–	–	50.0+	–
$10,000 to $19,999	90	79	125	11	32	53	11	38	38
Less than 20 percent	7	7	–	–	–	–	–	–	–
20 to 24 percent	11	11	–	–	–	–	–	–	–
25 to 29 percent	11	11	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–
35 percent or more	48	37	103	11	27	36	11	38	38
Not computed	13	13	22	–	5	17	–	–	–
Median	40.3	37.2	50.0+	50.0+	50.0+	50.0+	50.0+	45.6	45.6
$20,000 to $34,999	33	33	233	17	70	111	19	34	34
Less than 20 percent	10	10	50	–	21	29	–	8	8
20 to 24 percent	11	11	11	–	11	–	–	10	10
25 to 29 percent	12	12	43	–	18	17	–	–	–
30 to 34 percent	–	–	28	–	9	19	–	8	8
35 percent or more	–	–	95	17	11	40	19	8	8
Not computed	–	–	6	–	–	6	–	–	–
Median	23.0	23.0	31.7	50.0+	25.8	31.7	50.0+	24.5	24.5
$35,000 or more	168	168	492	85	191	166	43	147	121
Less than 20 percent	121	121	236	27	101	89	19	68	54
20 to 24 percent	16	16	127	26	53	24	24	46	34
25 to 29 percent	17	17	58	11	7	33	–	33	33
30 to 34 percent	–	–	40	6	20	14	–	–	–
35 percent or more	–	–	15	11	4	–	–	–	–
Not computed	14	14	16	4	6	6	–	–	–
Median	15.0	15.0	20.1	22.6	18.7	18.9	20.5	20.6	21.0

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Table 88. **Household Income Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Waipahu CDP						Waipio CDP		
	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian	Samoan	All Asian	Filipino	Japanese
Specified owner-occupied housing units	**2 994**	**1 600**	**1 282**	**171**	**146**	**20**	**1 280**	**328**	**762**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	2 994	1 600	1 282	171	146	20	1 280	328	762
Less than 10 percent	995	313	627	64	64	–	92	9	76
10 to 14 percent	475	214	244	40	26	9	112	28	72
15 to 19 percent	360	242	118	25	25	–	145	41	77
20 to 24 percent	272	188	78	7	7	–	319	65	204
25 to 29 percent	249	176	61	12	12	–	206	62	106
30 to 34 percent	192	152	40	4	4	–	131	39	75
35 to 49 percent	251	167	62	19	8	11	190	70	99
50 percent or more	200	148	52	–	–	–	85	14	53
Not computed	–	–	–	–	–	–	–	–	–
Median	15.4	20.8	10.3	12.7	11.7	40.9	24.6	26.7	23.8
Less than $20,000	319	148	157	18	18	–	34	–	25
Less than 20 percent	94	35	59	18	18	–	–	–	–
20 to 24 percent	30	–	30	–	–	–	–	–	–
25 to 29 percent	11	–	11	–	–	–	–	–	–
30 to 34 percent	31	8	23	–	–	–	–	–	–
35 percent or more	153	105	34	–	–	–	34	–	25
Not computed	–	–	–	–	–	–	–	–	–
Median	34.0	50.0+	23.2	12.5	12.5	–	50.0+	–	50.0+
$20,000 to $34,999	401	180	195	–	–	–	70	5	46
Less than 20 percent	258	91	141	–	–	–	21	–	21
20 to 24 percent	34	10	24	–	–	–	6	–	6
25 to 29 percent	26	20	6	–	–	–	10	–	–
30 to 34 percent	13	13	–	–	–	–	–	–	–
35 percent or more	70	46	24	–	–	–	33	5	19
Not computed	–	–	–	–	–	–	–	–	–
Median	12.6	19.7	10.1	–	–	–	29.0	50.0+	21.7
$35,000 to $49,999	523	252	250	36	25	11	204	59	123
Less than 20 percent	245	38	194	9	9	–	30	–	23
20 to 24 percent	22	14	8	7	7	–	25	–	25
25 to 29 percent	41	29	12	5	5	–	18	9	9
30 to 34 percent	52	52	–	4	4	–	15	–	15
35 percent or more	163	119	36	11	–	11	116	50	51
Not computed	–	–	–	–	–	–	–	–	–
Median	23.8	34.3	11.2	27.0	22.5	45.0	36.8	41.8	31.5
$50,000 or more	1 751	1 020	680	117	103	9	972	264	568
Less than 20 percent	1 233	605	595	102	88	9	298	78	181
20 to 24 percent	186	164	16	–	–	–	288	65	173
25 to 29 percent	171	127	32	7	7	–	178	53	97
30 to 34 percent	96	79	17	–	–	–	116	39	60
35 percent or more	65	45	20	8	8	–	92	29	57
Not computed	–	–	–	–	–	–	–	–	–
Median	13.3	17.7	10.0–	11.6	11.1	12.5	23.3	24.2	23.0
Specified renter-occupied housing units	**1 537**	**1 016**	**340**	**940**	**689**	**188**	**235**	**118**	**89**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	1 537	1 016	340	940	689	188	235	118	89
Less than 10 percent	80	56	24	37	24	13	8	8	–
10 to 14 percent	168	115	46	103	59	44	–	–	–
15 to 19 percent	272	165	49	129	95	24	27	10	8
20 to 24 percent	235	166	69	96	63	28	52	27	25
25 to 29 percent	180	109	55	87	73	7	47	26	13
30 to 34 percent	94	70	12	101	74	19	10	–	10
35 to 49 percent	214	157	27	126	110	8	45	12	33
50 percent or more	242	148	43	242	179	38	46	35	–
Not computed	52	30	15	19	12	7	–	–	–
Median	24.7	24.7	23.2	30.4	31.7	21.7	28.2	27.7	29.4
Less than $10,000	329	206	88	201	175	26	8	8	–
Less than 20 percent	19	19	–	15	6	9	–	–	–
20 to 24 percent	21	15	6	26	26	–	–	–	–
25 to 29 percent	51	20	31	15	15	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–
35 percent or more	207	143	36	133	123	10	8	8	–
Not computed	31	9	15	12	5	7	–	–	–
Median	50.0+	50.0+	29.9	50.0+	50.0+	50.0+	50.0+	50.0+	–
$10,000 to $19,999	226	143	46	272	210	37	14	14	–
Less than 20 percent	–	–	–	25	25	–	–	–	–
20 to 24 percent	17	5	12	6	–	6	–	–	–
25 to 29 percent	35	25	10	13	13	–	–	–	–
30 to 34 percent	25	21	4	34	34	–	–	–	–
35 percent or more	149	92	20	194	138	31	14	14	–
Not computed	–	–	–	–	–	–	–	–	–
Median	40.0	39.5	31.3	47.7	44.2	50.0+	50.0+	50.0+	–
$20,000 to $34,999	313	213	72	158	114	28	65	25	29
Less than 20 percent	48	24	17	–	–	–	8	–	8
20 to 24 percent	79	53	26	40	24	16	–	–	–
25 to 29 percent	73	53	14	48	41	7	–	–	–
30 to 34 percent	47	34	8	43	35	–	–	–	–
35 percent or more	61	44	7	27	14	5	57	25	21
Not computed	5	5	–	–	–	–	–	–	–
Median	26.8	27.5	23.7	29.1	29.0	24.4	46.0	50.0+	43.1
$35,000 or more	669	454	134	309	190	97	148	71	60
Less than 20 percent	453	293	102	229	147	72	27	18	–
20 to 24 percent	118	93	25	24	13	6	52	27	25
25 to 29 percent	21	11	–	11	4	–	47	26	13
30 to 34 percent	22	15	–	24	5	19	10	–	10
35 percent or more	39	26	7	14	14	–	12	–	12
Not computed	16	16	–	7	7	–	–	–	–
Median	17.3	17.4	15.9	16.5	16.4	15.1	24.5	23.2	26.9

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Table 89. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Hilo CDP			Honolulu CDP				Kailua CDP, Honolulu County	
	Puerto Rican	Other Hispanic	All other Hispanic Origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic Origin	Other Hispanic	All other Hispanic Origin
Occupied housing units	**385**	**334**	**324**	**848**	**1 140**	**2 693**	**2 453**	**335**	**323**
TENURE									
Owner-occupied housing units	106	125	119	87	146	792	726	250	250
Renter-occupied housing units	279	209	205	761	994	1 901	1 727	85	73
YEAR STRUCTURE BUILT									
Owner-occupied housing units	**106**	**125**	**119**	**87**	**146**	**792**	**726**	**250**	**250**
1989 to March 1990	–	–	–	–	–	–	–	–	–
1985 to 1988	–	6	6	–	7	15	–	–	–
1980 to 1984	–	22	22	5	4	66	66	6	6
1970 to 1979	24	44	38	18	40	201	185	33	33
1960 to 1969	36	14	14	38	49	185	163	36	36
1950 to 1959	36	4	4	12	36	138	130	122	122
1940 to 1949	–	12	12	5	10	75	70	28	28
1939 or earlier	10	23	23	9	–	112	112	25	25
Renter-occupied housing units	**279**	**209**	**205**	**761**	**994**	**1 901**	**1 727**	**85**	**73**
1989 to March 1990	–	–	–	13	31	31	20	6	–
1985 to 1988	51	4	4	28	20	76	76	3	3
1980 to 1984	18	22	22	32	58	119	110	6	–
1970 to 1979	88	43	43	299	298	474	428	11	11
1960 to 1969	55	64	60	183	265	587	528	24	24
1950 to 1959	27	16	16	111	140	307	273	25	25
1940 to 1949	21	37	37	57	106	193	178	10	10
1939 or earlier	19	23	23	38	76	114	114	–	–
BEDROOMS									
Owner-occupied housing units	**106**	**125**	**119**	**87**	**146**	**792**	**726**	**250**	**250**
None	19	–	–	9	–	46	46	–	–
1	16	5	5	–	48	117	100	28	28
2	27	12	12	45	16	191	167	44	44
3	44	79	73	27	44	302	283	109	109
4	–	17	17	6	20	58	52	59	59
5 or more	–	12	12	–	18	78	78	10	10
Renter-occupied housing units	**279**	**209**	**205**	**761**	**994**	**1 901**	**1 727**	**85**	**73**
None	23	5	5	78	265	403	372	20	14
1	53	99	99	313	321	642	562	21	21
2	75	68	64	190	312	618	589	24	18
3	81	7	7	167	81	178	144	12	12
4	34	30	30	13	15	37	37	8	8
5 or more	13	–	–	–	–	23	23	–	–
SOURCE OF WATER									
Public system or private company	377	334	324	848	1 140	2 688	2 448	335	323
Individual drilled well	–	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–	–
Some other source	8	–	–	–	–	5	5	–	–
SEWAGE DISPOSAL									
Public sewer	172	206	202	838	1 127	2 658	2 418	335	323
Septic tank or cesspool	213	128	122	10	13	27	27	–	–
Other means	–	–	–	–	–	8	8	–	–
KITCHEN FACILITIES									
Complete kitchen facilities	385	334	324	834	1 084	2 596	2 356	329	323
Lacking complete kitchen facilities	–	–	–	14	56	97	97	6	–
HOUSE HEATING FUEL									
Utility gas	22	20	20	36	98	205	182	–	–
Bottled, tank, or LP gas	35	–	–	–	–	25	25	–	–
Electricity	138	65	65	356	499	1 045	921	120	120
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	6	6	–	–
Solar energy	–	6	6	11	–	14	14	13	13
Other fuel	–	–	–	–	–	–	–	–	–
No fuel used	190	243	233	445	543	1 398	1 305	202	190
VEHICLES AVAILABLE									
None	55	49	49	79	375	648	590	14	14
1	158	131	131	501	475	1 057	972	101	89
2	144	80	76	199	194	701	633	132	132
3	20	60	54	27	56	196	167	73	73
4	8	5	5	26	40	70	70	15	15
5 or more	–	9	9	16	–	21	21	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	**106**	**125**	**119**	**87**	**146**	**792**	**726**	**250**	**250**
1989 to March 1990	–	4	4	20	14	68	41	7	7
1985 to 1988	15	39	39	18	23	152	137	39	39
1980 to 1984	17	27	21	9	4	99	96	26	26
1970 to 1979	22	28	28	19	41	231	215	68	68
1960 to 1969	27	4	4	6	32	89	89	52	52
1959 or earlier	25	23	23	15	32	153	148	58	58
Renter-occupied housing units	**279**	**209**	**205**	**761**	**994**	**1 901**	**1 727**	**85**	**73**
1989 to March 1990	153	67	63	440	360	646	548	50	44
1985 to 1988	82	113	113	212	328	811	748	18	12
1980 to 1984	30	17	17	49	97	310	299	14	14
1970 to 1979	14	–	–	46	168	93	91	3	3
1960 to 1969	–	12	12	6	35	27	27	–	–
1959 or earlier	–	–	–	8	6	14	14	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM									
Owner-occupied housing units	**106**	**125**	**119**	**87**	**146**	**792**	**726**	**250**	**250**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**279**	**209**	**205**	**761**	**994**	**1 901**	**1 727**	**85**	**73**
Lacking complete plumbing facilities	–	–	–	–	24	49	41	–	–
1.01 or more	–	–	–	–	–	20	20	–	–

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Table 89. **Occupancy, Fuel, and Structural Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**—Con.

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe CDP		Pearl City CDP	Waimalu CDP		Waipahu CDP		
	Other Hispanic	All other Hispanic Origin	Other Hispanic	Other Hispanic	All other Hispanic Origin	Puerto Rican	Other Hispanic	All other Hispanic Origin
Occupied housing units	**276**	**272**	**231**	**299**	**283**	**317**	**374**	**374**
TENURE								
Owner-occupied housing units	180	180	143	161	145	67	152	152
Renter-occupied housing units	96	92	88	138	138	250	222	222
YEAR STRUCTURE BUILT								
Owner-occupied housing units	**180**	**180**	**143**	**161**	**145**	**67**	**152**	**152**
1989 to March 1990	–	–	–	–	–	–	–	–
1985 to 1988	48	48	–	21	21	–	21	21
1980 to 1984	16	16	–	31	22	–	12	12
1970 to 1979	12	12	20	77	70	5	49	49
1960 to 1969	29	29	98	17	17	62	42	42
1950 to 1959	59	59	20	6	6	–	28	28
1940 to 1949	16	16	–	9	9	–	–	–
1939 or earlier	–	–	5	–	–	–	–	–
Renter-occupied housing units	**96**	**92**	**88**	**138**	**138**	**250**	**222**	**222**
1989 to March 1990	–	–	–	5	5	–	–	–
1985 to 1988	–	–	17	8	8	–	5	5
1980 to 1984	–	–	19	39	39	57	33	33
1970 to 1979	41	37	9	59	59	70	78	78
1960 to 1969	39	39	21	27	27	99	72	72
1950 to 1959	16	16	13	–	–	19	17	17
1940 to 1949	–	–	9	–	–	–	9	9
1939 or earlier	–	–	–	–	–	5	8	8
BEDROOMS								
Owner-occupied housing units	**180**	**180**	**143**	**161**	**145**	**67**	**152**	**152**
None	–	–	–	8	8	–	–	–
1	20	20	–	18	18	–	16	16
2	27	27	51	59	50	5	35	35
3	86	86	67	46	39	48	46	46
4	31	31	20	–	–	–	25	25
5 or more	16	16	5	30	30	14	30	30
Renter-occupied housing units	**96**	**92**	**88**	**138**	**138**	**250**	**222**	**222**
None	–	–	–	16	16	8	11	11
1	33	33	12	57	57	51	27	27
2	25	25	38	50	50	155	121	121
3	23	23	31	15	15	36	48	48
4	15	11	–	–	–	–	15	15
5 or more	–	–	7	–	–	–	–	–
SOURCE OF WATER								
Public system or private company	276	272	231	299	283	317	374	374
Individual drilled well	–	–	–	–	–	–	–	–
Individual dug well	–	–	–	–	–	–	–	–
Some other source	–	–	–	–	–	–	–	–
SEWAGE DISPOSAL								
Public sewer	261	257	231	299	283	298	374	374
Septic tank or cesspool	15	15	–	–	–	8	–	–
Other means	–	–	–	–	–	11	–	–
KITCHEN FACILITIES								
Complete kitchen facilities	276	272	231	291	275	317	374	374
Lacking complete kitchen facilities	–	–	–	8	8	–	–	–
HOUSE HEATING FUEL								
Utility gas	15	15	–	23	23	–	10	10
Bottled, tank, or LP gas	3	3	8	–	–	14	19	19
Electricity	68	64	121	108	108	224	215	215
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–
Coal or coke	–	–	–	–	–	–	–	–
Wood	–	–	–	–	–	–	–	–
Solar energy	–	–	–	6	6	–	21	21
Other fuel	–	–	–	–	–	–	–	–
No fuel used	190	190	102	162	146	79	109	109
VEHICLES AVAILABLE								
None	9	9	6	44	35	78	11	11
1	107	107	29	124	117	136	166	166
2	74	74	142	81	81	78	124	124
3	45	41	12	44	44	–	51	51
4	26	26	35	–	–	11	12	12
5 or more	15	15	7	6	6	14	10	10
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	**180**	**180**	**143**	**161**	**145**	**67**	**152**	**152**
1989 to March 1990	6	6	–	31	31	–	14	14
1985 to 1988	48	48	–	66	59	14	51	51
1980 to 1984	37	37	20	29	20	8	39	39
1970 to 1979	31	31	43	20	20	15	10	10
1960 to 1969	36	36	75	6	6	30	33	33
1959 or earlier	22	22	5	9	9	–	5	5
Renter-occupied housing units	**96**	**92**	**88**	**138**	**138**	**250**	**222**	**222**
1989 to March 1990	12	8	41	82	82	79	79	79
1985 to 1988	29	29	47	39	39	112	107	107
1980 to 1984	45	45	–	8	8	54	32	32
1970 to 1979	8	8	–	9	9	5	4	4
1960 to 1969	2	2	–	–	–	–	–	–
1959 or earlier	–	–	–	–	–	–	–	–
PLUMBING FACILITIES BY PERSONS PER ROOM								
Owner-occupied housing units	**180**	**180**	**143**	**161**	**145**	**67**	**152**	**152**
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
1.01 or more	–	–	–	–	–	–	–	–
Renter-occupied housing units	**96**	**92**	**88**	**138**	**138**	**250**	**222**	**222**
Lacking complete plumbing facilities	–	–	–	8	8	–	–	–
1.01 or more	–	–	–	–	–	–	–	–

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Table 90. Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Hilo CDP			Honolulu CDP				Kailua CDP, Honolulu County	
	Puerto Rican	Other Hispanic	All other Hispanic Origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic Origin	Other Hispanic	All other Hispanic Origin
Occupied housing units	**385**	**334**	**324**	**848**	**1 140**	**2 693**	**2 453**	**335**	**323**
HOUSEHOLDER 65 YEARS AND OVER									
Occupied housing units	**22**	**60**	**60**	**48**	**230**	**462**	**445**	**92**	**92**
Owner occupied	12	34	34	15	70	172	172	92	92
1-person households	6	25	25	19	119	170	153	–	–
Built 1939 or earlier	6	35	35	25	12	61	61	14	14
Mean household income in 1989 (dollars)	25 348	21 731	21 731	18 535	24 551	28 343	29 161	50 173	50 173
Female householder, no husband present	12	25	25	10	82	160	149	14	14
Lacking complete plumbing facilities	–	–	–	–	–	11	11	–	–
No vehicle available	6	11	11	16	142	226	209	5	5
No telephone in unit	–	–	–	10	6	15	9	–	–
1-person households	–	–	–	10	6	15	9	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Owner-occupied housing units	**13**	**9**	**9**	**9**	**16**	**41**	**32**	**13**	**13**
Married-couple families	13	–	–	–	–	5	5	8	8
With own children under 18 years	–	–	–	–	–	–	–	–	–
Families with female householder	–	4	4	–	–	17	8	–	–
With own children under 18 years	–	4	4	–	–	17	8	–	–
Householder worked in 1989	–	4	4	–	16	17	8	5	5
With public assistance income	–	4	4	–	–	–	–	–	–
With Social Security income	13	5	5	–	–	5	5	13	13
Built 1939 or earlier	–	5	5	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	–	5	5	–	–	5	5	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	–	–	–	–	9	–	8	8
Renter-occupied housing units	**106**	**67**	**67**	**63**	**250**	**379**	**346**	**3**	**3**
Married-couple families	17	6	6	13	26	92	92	3	3
With own children under 18 years	13	–	–	13	6	38	38	–	–
Families with female householder	63	12	12	10	84	97	84	–	–
With own children under 18 years	63	12	12	10	75	79	66	–	–
Householder worked in 1989	59	37	37	23	63	125	114	–	–
With public assistance income	39	30	30	16	167	118	118	–	–
With Social Security income	6	21	21	10	44	129	118	–	–
Built 1939 or earlier	9	–	–	10	28	14	14	–	–
Lacking complete plumbing facilities	–	–	–	–	14	20	20	–	–
No vehicle available	43	23	23	18	155	210	197	3	3
No telephone in unit	5	7	7	10	76	50	50	–	–
1.01 or more persons per room	57	–	–	39	74	65	65	3	3
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**18 438**	**16 875**	**16 823**	**31 810**	**21 466**	**32 677**	**32 321**	**46 161**	**46 161**
Owner occupied (dollars)	23 214	36 125	35 375	33 750	35 750	51 810	51 042	59 315	59 315
Renter occupied (dollars)	13 702	15 026	15 130	31 616	20 559	23 997	23 805	35 703	35 703
Specified owner-occupied housing units	**106**	**119**	**113**	**42**	**110**	**498**	**470**	**224**	**224**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
With a mortgage	43	90	84	33	60	338	315	115	115
Less than $200	–	–	–	–	–	19	19	–	–
$200 to $299	–	–	–	–	–	5	5	–	–
$300 to $399	5	5	5	–	–	–	–	7	7
$400 to $499	9	–	–	6	6	19	19	–	–
$500 to $599	15	23	23	6	–	13	13	–	–
$600 to $699	5	13	13	–	–	34	34	4	4
$700 to $799	4	10	10	–	–	6	6	16	16
$800 to $899	–	8	8	–	–	12	12	–	–
$900 to $999	–	20	20	–	–	15	15	8	8
$1,000 to $1,249	5	11	5	–	28	51	51	5	5
$1,250 to $1,499	–	–	–	12	–	66	58	18	18
$1,500 to $1,999	–	–	–	5	10	58	43	45	45
$2,000 or more	–	–	–	4	16	40	40	12	12
Median (dollars)	525	740	710	1 344	1 214	1 225	1 169	1 493	1 493
Mean (dollars)	591	747	724	1 141	1 428	1 350	1 337	1 403	1 403
Not mortgaged	63	29	29	9	50	160	155	109	109
Less than $100	19	17	17	–	4	–	–	7	7
$100 to $199	25	12	12	9	31	75	75	27	27
$200 to $299	–	–	–	–	15	75	75	58	58
$300 to $399	6	–	–	–	–	10	5	8	8
$400 to $499	13	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	9	9
Median (dollars)	163	100–	100–	175	167	206	203	224	224
Mean (dollars)	204	96	96	158	162	216	211	234	234
Specified renter-occupied housing units	**279**	**209**	**205**	**761**	**987**	**1 901**	**1 727**	**85**	**73**
GROSS RENT									
Less than $100	–	–	–	–	31	31	31	–	–
$100 to $149	30	20	20	–	62	74	63	–	–
$150 to $199	11	23	19	22	36	50	48	–	–
$200 to $249	11	17	17	4	46	76	76	–	–
$250 to $299	17	26	26	8	76	95	92	–	–
$300 to $349	21	–	–	12	60	62	57	–	–
$350 to $399	28	38	38	23	44	49	49	9	3
$400 to $449	–	31	31	45	26	76	70	–	–
$450 to $499	17	13	13	24	94	112	108	–	–
$500 to $549	15	13	13	71	46	111	101	3	3
$550 to $599	27	–	–	39	108	164	147	16	16
$600 to $649	24	15	15	54	48	140	134	–	–
$650 to $699	39	6	6	20	74	145	129	9	9
$700 to $749	5	–	–	58	63	147	122	9	9
$750 to $999	34	4	4	137	116	373	341	20	14
$1,000 or more	–	3	3	141	15	100	63	15	15
No cash rent	–	–	–	103	42	96	96	4	4
Median (dollars)	515	364	366	706	499	601	591	719	719
Mean (dollars)	490	377	381	763	499	606	588	724	740

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Table 90. **Social and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**—Con.

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe CDP		Pearl City CDP	Waimalu CDP		Waipahu CDP		
	Other Hispanic	All other Hispanic Origin	Other Hispanic	Other Hispanic	All other Hispanic Origin	Puerto Rican	Other Hispanic	All other Hispanic Origin
Occupied housing units	**276**	**272**	**231**	**299**	**283**	**317**	**374**	**374**
HOUSEHOLDER 65 YEARS AND OVER								
Occupied housing units	**44**	**44**	**14**	**33**	**33**	**29**	**66**	**66**
Owner occupied	26	26	14	24	24	24	50	50
1-person households	16	16	–	8	8	5	11	11
Built 1939 or earlier	–	–	5	–	–	5	–	–
Mean household income in 1989 (dollars)	35 976	35 976	90 533	23 803	23 803	49 613	36 248	36 248
Female householder, no husband present	21	21	–	8	8	–	4	4
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	9	9	–	8	8	–	–	–
No telephone in unit	–	–	–	–	–	–	11	11
1-person households	–	–	–	–	–	–	11	11
HOUSEHOLDS BELOW POVERTY LEVEL								
Owner-occupied housing units	**–**	**–**	**–**	**12**	**12**	**8**	**9**	**9**
Married-couple families	–	–	–	–	–	–	–	–
With own children under 18 years	–	–	–	–	–	–	–	–
Families with female householder	–	–	–	12	12	–	–	–
With own children under 18 years	–	–	–	12	12	–	–	–
Householder worked in 1989	–	–	–	12	12	8	9	9
With public assistance income	–	–	–	12	12	–	–	–
With Social Security income	–	–	–	12	12	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	–	–	8	–	–
No telephone in unit	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	–	–	–	–	8	9	9
Renter-occupied housing units	**–**	**–**	**9**	**37**	**37**	**71**	**73**	**73**
Married-couple families	–	–	–	7	7	–	4	4
With own children under 18 years	–	–	–	7	7	–	4	4
Families with female householder	–	–	–	18	18	46	47	47
With own children under 18 years	–	–	–	18	18	46	47	47
Householder worked in 1989	–	–	–	8	8	36	51	51
With public assistance income	–	–	–	8	8	38	37	37
With Social Security income	–	–	–	7	7	–	–	–
Built 1939 or earlier	–	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–
No vehicle available	–	–	–	27	27	53	7	7
No telephone in unit	–	–	–	15	15	14	11	11
1.01 or more persons per room	–	–	–	7	7	–	44	44
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**41 563**	**41 437**	**54 578**	**35 759**	**35 045**	**18 708**	**27 386**	**27 386**
Owner occupied (dollars)	50 755	50 755	72 617	39 777	43 646	62 030	50 000	50 000
Renter occupied (dollars)	31 591	31 136	20 714	21 607	21 607	14 803	18 929	18 929
Specified owner-occupied housing units	**160**	**160**	**143**	**97**	**90**	**59**	**149**	**149**
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
With a mortgage	138	138	143	88	81	48	103	103
Less than $200	–	–	–	–	–	–	–	–
$200 to $299	4	4	–	–	–	–	–	–
$300 to $399	3	3	9	–	–	19	–	–
$400 to $499	4	4	12	6	6	–	5	5
$500 to $599	12	12	10	–	–	–	–	–
$600 to $699	–	–	–	7	7	–	9	9
$700 to $799	4	4	–	–	–	–	9	9
$800 to $899	11	11	–	–	–	–	–	–
$900 to $999	23	23	13	–	–	10	12	12
$1,000 to $1,249	53	53	55	13	13	13	7	7
$1,250 to $1,499	6	6	17	21	21	–	31	31
$1,500 to $1,999	12	12	13	25	18	6	23	23
$2,000 or more	6	6	14	16	16	–	7	7
Median (dollars)	1 038	1 038	1 125	1 464	1 423	925	1 327	1 327
Mean (dollars)	1 071	1 071	1 145	1 512	1 507	818	1 321	1 321
Not mortgaged	22	22	–	9	9	11	46	46
Less than $100	–	–	–	–	–	–	–	–
$100 to $199	–	–	–	9	9	11	29	29
$200 to $299	22	22	–	–	–	–	12	12
$300 to $399	–	–	–	–	–	–	5	5
$400 to $499	–	–	–	–	–	–	–	–
$500 or more	–	–	–	–	–	–	–	–
Median (dollars)	225	225	–	175	175	146	148	148
Mean (dollars)	228	228	–	157	157	136	180	180
Specified renter-occupied housing units	**96**	**92**	**88**	**138**	**138**	**250**	**211**	**211**
GROSS RENT								
Less than $100	–	–	–	–	–	–	–	–
$100 to $149	–	–	–	–	–	11	–	–
$150 to $199	–	–	–	–	–	14	–	–
$200 to $249	9	9	–	–	–	–	–	–
$250 to $299	–	–	–	–	–	–	11	11
$300 to $349	–	–	–	–	–	19	10	10
$350 to $399	–	–	–	–	–	–	10	10
$400 to $449	–	–	–	–	–	5	–	–
$450 to $499	19	19	–	17	17	4	6	6
$500 to $549	19	19	17	–	–	10	21	21
$550 to $599	–	–	–	7	7	45	26	26
$600 to $649	5	5	–	9	9	26	47	47
$650 to $699	–	–	5	6	6	10	37	37
$700 to $749	–	–	19	–	–	30	16	16
$750 to $999	32	32	14	89	89	37	4	4
$1,000 or more	4	–	9	6	6	–	23	23
No cash rent	8	8	24	4	4	39	–	–
Median (dollars)	542	537	726	829	829	597	623	623
Mean (dollars)	634	601	776	794	794	571	634	634

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Table 91. Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Hilo CDP			Honolulu CDP				Kailua CDP, Honolulu County	
	Puerto Rican	Other Hispanic	All other Hispanic Origin	Mexican	Puerto Rican	Other Hispanic	All other Hispanic Origin	Other Hispanic	All other Hispanic Origin
Specified owner-occupied housing units	**106**	**119**	**113**	**42**	**110**	**498**	**470**	**224**	**224**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	106	119	113	42	110	498	470	224	224
Less than 10 percent	50	34	34	6	24	190	185	91	91
10 to 14 percent	–	20	20	9	16	73	73	10	10
15 to 19 percent	8	22	16	–	12	62	54	16	16
20 to 24 percent	11	–	–	12	19	41	41	45	45
25 to 29 percent	14	5	5	–	5	20	20	30	30
30 to 34 percent	5	10	10	15	–	29	29	–	–
35 to 49 percent	–	13	13	–	–	37	37	8	8
50 percent or more	18	15	15	–	30	46	31	24	24
Not computed	–	–	–	–	4	–	–	–	–
Median	16.9	16.3	15.8	22.5	20.3	14.0	13.4	18.4	18.4
Less than $20,000	46	32	32	9	25	33	24	43	43
Less than 20 percent	19	17	17	9	–	6	6	17	17
20 to 24 percent	–	–	–	–	5	–	–	–	–
25 to 29 percent	14	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–	–
35 percent or more	13	15	15	–	16	27	18	26	26
Not computed	–	–	–	–	4	–	–	–	–
Median	26.4	14.0	14.0	12.5	50.0+	50.0+	50.0+	45.6	45.6
$20,000 to $34,999	30	26	26	6	17	36	30	6	6
Less than 20 percent	13	13	13	–	10	23	23	–	–
20 to 24 percent	7	–	–	6	–	–	–	–	–
25 to 29 percent	–	–	–	–	–	–	–	–	–
30 to 34 percent	5	–	–	–	–	–	–	–	–
35 percent or more	5	13	13	–	7	13	7	6	6
Not computed	–	–	–	–	–	–	–	–	–
Median	21.4	27.5	27.5	22.5	14.2	10.0	10.0–	50.0+	50.0+
$35,000 to $49,999	12	24	24	6	17	114	114	36	36
Less than 20 percent	8	9	9	–	10	79	79	30	30
20 to 24 percent	4	–	–	–	–	–	–	6	6
25 to 29 percent	–	5	5	–	–	6	6	–	–
30 to 34 percent	–	10	10	6	–	–	–	–	–
35 percent or more	–	–	–	–	7	29	29	–	–
Not computed	–	–	–	–	–	–	–	–	–
Median	18.8	28.0	28.0	32.5	10.0–	15.9	15.9	10.0–	10.0–
$50,000 or more	18	37	31	21	51	315	302	139	139
Less than 20 percent	18	37	31	6	32	217	204	70	70
20 to 24 percent	–	–	–	6	14	41	41	39	39
25 to 29 percent	–	–	–	–	5	14	14	30	30
30 to 34 percent	–	–	–	9	–	29	29	–	–
35 percent or more	–	–	–	–	–	14	14	–	–
Not computed	–	–	–	–	–	–	–	–	–
Median	10.0–	10.8	10.0–	23.8	17.3	12.3	12.1	19.6	19.6
Specified renter-occupied housing units	**279**	**209**	**205**	**761**	**987**	**1 901**	**1 727**	**85**	**73**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
All income levels	279	209	205	761	987	1 901	1 727	85	73
Less than 10 percent	–	12	12	31	46	84	84	–	–
10 to 14 percent	37	10	10	99	90	93	75	–	–
15 to 19 percent	22	24	24	70	163	202	183	17	11
20 to 24 percent	42	27	23	116	92	315	287	30	30
25 to 29 percent	14	18	18	95	118	241	226	6	–
30 to 34 percent	11	49	49	71	123	243	212	6	6
35 to 49 percent	69	45	45	50	132	238	219	7	7
50 percent or more	75	24	24	118	173	353	320	15	15
Not computed	9	–	–	111	50	132	121	4	4
Median	37.1	31.4	31.6	25.5	28.3	29.0	28.8	23.9	23.9
Less than $10,000	102	72	68	43	283	387	363	3	3
Less than 20 percent	–	–	–	–	30	11	11	–	–
20 to 24 percent	–	16	12	–	6	15	15	–	–
25 to 29 percent	5	8	8	–	28	39	37	–	–
30 to 34 percent	6	–	–	–	62	24	13	–	–
35 percent or more	82	48	48	35	149	254	254	3	3
Not computed	9	–	–	8	8	44	33	–	–
Median	50.0+	39.6	40.9	50.0+	40.9	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	57	95	95	106	186	392	345	22	16
Less than 20 percent	16	21	21	9	11	33	33	–	–
20 to 24 percent	–	–	–	3	14	30	25	–	–
25 to 29 percent	–	10	10	13	29	58	55	6	–
30 to 34 percent	–	43	43	9	8	52	52	–	–
35 percent or more	41	21	21	51	124	216	177	12	12
Not computed	–	–	–	21	–	3	3	4	4
Median	38.9	31.9	31.9	43.0	38.2	38.4	35.9	50.0+	50.0+
$20,000 to $34,999	77	13	13	333	204	506	475	13	13
Less than 20 percent	23	–	–	39	41	52	52	–	–
20 to 24 percent	19	7	7	33	30	96	96	–	–
25 to 29 percent	9	–	–	77	42	83	73	–	–
30 to 34 percent	5	6	6	53	43	128	120	6	6
35 percent or more	21	–	–	73	32	113	100	7	7
Not computed	–	–	–	58	16	34	34	–	–
Median	24.1	24.6	24.6	29.3	27.7	30.2	30.0	40.7	40.7
$35,000 or more	43	29	29	279	314	616	544	47	41
Less than 20 percent	20	25	25	152	217	283	246	17	11
20 to 24 percent	23	4	4	80	42	174	151	30	30
25 to 29 percent	–	–	–	5	19	61	61	–	–
30 to 34 percent	–	–	–	9	10	39	27	–	–
35 percent or more	–	–	–	9	–	8	8	–	–
Not computed	–	–	–	24	26	51	51	–	–
Median	20.3	11.3	11.3	17.4	15.7	20.0	20.0	21.1	21.6

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Table 91. **Household Income Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990** —Con.

[Householders of Hispanic origin may be of any race. Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [10,000 or More Persons]	Kaneohe CDP		Pearl City CDP	Waimalu CDP		Waipahu CDP		
	Other Hispanic	All other Hispanic Origin	Other Hispanic	Other Hispanic	All other Hispanic Origin	Puerto Rican	Other Hispanic	All other Hispanic Origin
Specified owner-occupied housing units	**160**	**160**	**143**	**97**	**90**	**59**	**149**	**149**
HOUSEHOLD INCOME IN 1989 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	160	160	143	97	90	59	149	149
Less than 10 percent	33	33	22	9	9	25	40	40
10 to 14 percent	34	34	29	13	13	–	11	11
15 to 19 percent	10	10	26	6	6	15	22	22
20 to 24 percent	12	12	30	7	7	13	–	–
25 to 29 percent	21	21	27	9	9	–	16	16
30 to 34 percent	19	19	9	21	21	–	25	25
35 to 49 percent	20	20	–	6	6	6	22	22
50 percent or more	11	11	–	26	19	–	13	13
Not computed	–	–	–	–	–	–	–	–
Median	21.3	21.3	18.9	31.1	30.2	16.5	25.5	25.5
Less than $20,000	–	–	–	–	–	5	33	33
Less than 20 percent	–	–	–	–	–	–	20	20
20 to 24 percent	–	–	–	–	–	5	–	–
25 to 29 percent	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–
35 percent or more	–	–	–	–	–	–	13	13
Not computed	–	–	–	–	–	–	–	–
Median	–	–	–	–	–	22.5	10.0–	10.0–
$20,000 to $34,999	36	36	–	6	6	11	30	30
Less than 20 percent	–	–	–	–	–	11	21	21
20 to 24 percent	6	6	–	–	–	–	–	–
25 to 29 percent	6	6	–	–	–	–	9	9
30 to 34 percent	5	5	–	–	–	–	–	–
35 percent or more	19	19	–	6	6	–	–	–
Not computed	–	–	–	–	–	–	–	–
Median	35.6	35.6	–	50.0+	50.0+	10.0–	10.0	10.0
$35,000 to $49,999	52	52	9	46	39	6	13	13
Less than 20 percent	23	23	9	15	15	–	–	–
20 to 24 percent	–	–	–	–	–	–	–	–
25 to 29 percent	15	15	–	–	–	–	–	–
30 to 34 percent	14	14	–	5	5	–	–	–
35 percent or more	–	–	–	26	19	6	13	13
Not computed	–	–	–	–	–	–	–	–
Median	26.0	26.0	12.5	37.5	34.5	45.0	39.1	39.1
$50,000 or more	72	72	134	45	45	37	73	73
Less than 20 percent	54	54	68	13	13	29	32	32
20 to 24 percent	6	6	30	7	7	8	–	–
25 to 29 percent	–	–	27	9	9	–	7	7
30 to 34 percent	–	–	9	16	16	–	25	25
35 percent or more	12	12	–	–	–	–	9	9
Not computed	–	–	–	–	–	–	–	–
Median	13.2	13.2	19.8	26.4	26.4	16.5	28.2	28.2
Specified renter-occupied housing units	**96**	**92**	**88**	**138**	**138**	**250**	**211**	**211**
HOUSEHOLD INCOME IN 1989 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
All income levels	96	92	88	138	138	250	211	211
Less than 10 percent	4	4	–	–	–	–	–	–
10 to 14 percent	10	10	–	–	–	14	38	38
15 to 19 percent	17	17	12	–	–	17	19	19
20 to 24 percent	13	9	7	20	20	20	18	18
25 to 29 percent	9	9	–	–	–	13	13	13
30 to 34 percent	11	11	6	9	9	25	9	9
35 to 49 percent	16	16	23	61	61	22	62	62
50 percent or more	8	8	16	32	32	89	52	52
Not computed	8	8	24	16	16	50	–	–
Median	25.0	26.1	38.2	44.4	44.4	40.0	36.6	36.6
Less than $10,000	–	–	–	37	37	71	48	48
Less than 20 percent	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	11	–	–
25 to 29 percent	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	–	–
35 percent or more	–	–	–	25	25	49	48	48
Not computed	–	–	–	12	12	11	–	–
Median	–	–	–	50.0+	50.0+	50.0+	50.0+	50.0+
$10,000 to $19,999	37	37	40	23	23	98	58	58
Less than 20 percent	–	–	–	–	–	14	–	–
20 to 24 percent	9	9	–	–	–	–	4	4
25 to 29 percent	–	–	–	–	–	–	–	–
30 to 34 percent	–	–	6	–	–	8	–	–
35 percent or more	20	20	25	23	23	62	54	54
Not computed	8	8	9	–	–	14	–	–
Median	44.6	44.6	39.3	43.6	43.6	48.2	45.8	45.8
$20,000 to $34,999	15	15	29	48	48	30	37	37
Less than 20 percent	–	–	–	–	–	–	–	–
20 to 24 percent	–	–	–	–	–	–	8	8
25 to 29 percent	–	–	–	–	–	13	13	13
30 to 34 percent	11	11	–	9	9	17	4	4
35 percent or more	4	4	14	39	39	–	12	12
Not computed	–	–	15	–	–	–	–	–
Median	33.4	33.4	50.0	43.8	43.8	30.6	29.0	29.0
$35,000 or more	44	40	19	30	30	51	68	68
Less than 20 percent	31	31	12	–	–	17	57	57
20 to 24 percent	4	–	7	20	20	9	6	6
25 to 29 percent	9	9	–	–	–	–	–	–
30 to 34 percent	–	–	–	–	–	–	5	5
35 percent or more	–	–	–	6	6	–	–	–
Not computed	–	–	–	4	4	25	–	–
Median	17.4	16.8	19.0	23.2	23.2	18.8	14.5	14.5

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Table 92. **Structural, Social, and Financial Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Ahuimanu CDP	Aiea CDP	Aliamanu CDP	Captain Cook CDP	Ewa Villages CDP	Fort Shafter CDP	Haiku-Pauwela CDP	Hanamaulu CDP	Hauula CDP	Hawaiian Beaches CDP
Occupied housing units	**2 487**	**2 628**	**2 327**	**892**	**902**	**911**	**1 528**	**885**	**860**	**885**
TENURE										
Owner-occupied housing units	1 873	1 931	23	546	591	12	893	624	447	647
Renter-occupied housing units	614	697	2 304	346	311	899	635	261	413	238
YEAR STRUCTURE BUILT										
1989 to March 1990	35	36	–	70	23	–	45	18	10	34
1980 to 1988	660	190	339	153	397	–	603	123	129	227
1960 to 1979	1 603	1 131	1 913	297	17	238	545	571	459	622
1940 to 1959	169	1 019	75	211	290	529	174	147	180	2
1939 or earlier	20	252	–	161	175	144	161	26	82	–
HOUSE HEATING FUEL										
Utility gas	–	30	16	–	22	46	–	60	–	4
Bottled, tank, or LP gas	17	8	–	15	11	–	145	139	21	–
Electricity	979	1 209	926	109	650	79	530	328	414	40
Fuel oil, kerosene, etc.	–	7	–	–	–	–	12	9	–	–
All other fuels	25	50	–	15	–	7	80	59	9	–
No fuel used	1 466	1 324	1 385	753	219	779	761	290	416	841
VEHICLES AVAILABLE										
None	66	140	30	5	78	10	57	52	97	38
1	645	577	1 080	200	167	410	434	218	312	340
2	1 127	1 014	1 074	450	378	422	582	337	324	336
3 or more	649	897	143	237	279	69	455	278	127	171
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	481	302	1 012	208	59	405	337	70	218	199
1985 to 1988	847	420	1 218	237	444	506	447	207	243	174
1980 to 1984	489	240	78	107	68	–	250	72	146	181
1970 to 1979	489	513	19	153	138	–	315	231	129	317
1969 or earlier	181	1 153	–	187	193	–	179	305	124	14
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	2 476	2 621	2 327	810	902	911	1 470	876	831	866
1.01 or more	266	226	169	115	348	48	202	245	258	84
Lacking complete plumbing facilities	11	7	–	82	–	–	58	9	29	19
1.01 or more	11	–	–	26	–	–	15	–	–	–
SELECTED FACILITIES										
Water from public system or private company	2 487	2 628	2 327	693	895	911	1 444	869	860	822
Public sewer	1 990	2 493	2 299	61	776	903	111	815	88	24
Lacking complete kitchen facilities	26	13	–	28	–	–	23	19	5	12
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**68**	**82**	**107**	**63**	**24**	**25**	**162**	**82**	**130**	**334**
Renter occupied	51	60	95	51	17	25	114	59	83	167
Built 1939 or earlier	12	6	–	–	–	–	15	3	22	–
Lacking complete plumbing facilities	6	7	–	13	–	–	11	9	29	19
No vehicle available	26	18	8	–	13	5	28	28	50	28
No telephone in unit	4	5	–	9	–	–	13	11	5	32
1.01 or more persons per room	24	9	20	4	–	8	16	17	31	35
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**55 747**	**54 268**	**25 911**	**37 661**	**40 153**	**30 673**	**37 115**	**36 308**	**36 087**	**19 734**
Owner occupied (dollars)	62 345	60 771	5 000–	48 125	40 679	31 250	39 151	37 917	46 375	25 609
Renter occupied (dollars)	35 694	42 594	25 918	29 457	34 323	30 417	31 437	28 542	25 083	10 119
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**1 509**	**1 759**	**11**	**471**	**557**	**12**	**771**	**546**	**391**	**590**
With a mortgage	1 331	1 042	11	316	498	–	519	286	296	425
Less than $200	–	–	–	7	10	–	–	32	–	–
$200 to $299	–	60	–	5	13	–	34	23	–	60
$300 to $399	44	85	–	8	47	–	37	47	9	85
$400 to $499	95	65	–	22	47	–	35	34	–	83
$500 to $599	63	142	–	17	56	–	23	9	18	51
$600 to $699	47	48	–	16	70	–	27	33	20	98
$700 to $999	209	127	–	105	160	–	139	63	113	24
$1,000 to $1,999	742	401	–	115	86	–	204	45	127	24
$2,000 or more	131	114	11	21	9	–	20	–	9	–
Median (dollars)	1 184	989	2 000+	888	709	–	923	589	986	477
Not mortgaged	178	717	–	155	59	12	252	260	95	165
Median (dollars)	224	180	–	134	128	100–	143	142	128	118
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**1 509**	**1 759**	**11**	**471**	**557**	**12**	**771**	**546**	**391**	**590**
With a mortgage	1 331	1 042	11	316	498	–	519	286	296	425
Median	23.2	16.7	50.0+	19.2	21.5	–	24.4	16.4	21.9	22.2
Not mortgaged	178	717	–	155	59	12	252	260	95	165
Median	10.0–	10.0–	–	10.0–	10.0–	10.0–	10.0–	10.0–	11.2	10.0–
GROSS RENT										
Specified renter-occupied housing units	**614**	**691**	**2 279**	**298**	**305**	**895**	**609**	**258**	**396**	**238**
Less than $100	–	–	–	7	85	–	5	5	–	–
$100 to $199	9	–	–	20	148	–	10	35	6	15
$200 to $299	6	19	7	17	26	–	24	10	17	5
$300 to $399	18	9	47	47	6	25	33	23	16	24
$400 to $499	25	32	88	41	–	33	66	20	35	47
$500 to $599	50	44	24	16	–	22	41	42	39	105
$600 to $749	56	56	47	40	–	25	99	18	91	42
$750 to $999	218	204	95	39	–	34	182	61	126	–
$1,000 or more	214	172	23	23	14	45	61	26	34	–
No cash rent	18	155	1 948	48	26	711	88	18	32	–
Median (dollars)	904	882	598	482	123	693	718	580	717	530
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**614**	**691**	**2 279**	**298**	**305**	**895**	**609**	**258**	**396**	**238**
Less than 20 percent	123	200	83	101	254	108	158	73	69	20
20 to 24 percent	42	67	48	9	6	21	64	41	40	25
25 to 29 percent	110	48	145	52	–	13	54	21	45	15
30 to 34 percent	84	46	22	22	–	8	74	9	40	25
35 percent or more	237	175	33	66	13	34	161	96	170	127
Not computed	18	155	1 948	48	32	711	98	18	32	26
Median	31.4	25.1	26.2	26.4	10.0–	17.7	28.1	26.4	33.5	50.0+

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[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Hawaiian Paradise Park CDP	Heeia CDP	Hickam Housing CDP	Holualoa CDP	Iroquois Point CDP	Kahaluu CDP	Kailua CDP, Hawaii County	Kalaheo CDP	Kalaoa CDP	Kapaa CDP
Occupied housing units	**1 115**	**1 530**	**1 825**	**1 535**	**1 174**	**924**	**3 065**	**1 152**	**1 548**	**2 552**
TENURE										
Owner-occupied housing units	820	1 373	5	875	4	531	1 407	783	1 131	1 448
Renter-occupied housing units	295	157	1 820	660	1 170	393	1 658	369	417	1 104
YEAR STRUCTURE BUILT										
1989 to March 1990	132	12	–	151	–	14	229	30	135	151
1980 to 1988	520	102	33	507	4	89	1 095	360	769	786
1960 to 1979	433	1 328	470	670	707	439	1 520	387	621	894
1940 to 1959	10	74	904	112	442	361	173	207	16	453
1939 or earlier	20	14	418	95	21	21	48	168	7	268
HOUSE HEATING FUEL										
Utility gas	–	–	5	32	189	–	20	14	5	34
Bottled, tank, or LP gas	48	–	–	48	19	13	82	93	50	208
Electricity	219	579	539	318	68	362	920	297	293	610
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	3	–	10
All other fuels	18	35	–	43	13	19	77	61	30	99
No fuel used	830	916	1 281	1 094	885	530	1 966	684	1 170	1 591
VEHICLES AVAILABLE										
None	14	11	24	88	16	37	205	19	23	196
1	450	244	868	604	431	247	1 324	254	329	669
2	474	723	781	585	612	345	1 129	548	790	1 083
3 or more	177	552	152	258	115	295	407	331	406	604
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	356	134	719	481	496	151	1 027	225	400	570
1985 to 1988	393	324	1 094	524	642	304	1 112	298	705	843
1980 to 1984	148	179	12	215	29	54	413	183	192	409
1970 to 1979	185	528	–	214	7	189	410	245	235	304
1969 or earlier	33	365	–	101	–	226	103	201	16	426
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 068	1 530	1 819	1 513	1 174	924	3 038	1 152	1 529	2 518
1.01 or more	91	105	63	98	44	178	548	192	139	350
Lacking complete plumbing facilities	47	–	6	22	–	–	27	–	19	34
1.01 or more	24	–	–	–	–	–	–	–	5	21
SELECTED FACILITIES										
Water from public system or private company	30	1 530	1 818	1 510	1 174	920	3 036	1 145	1 532	2 538
Public sewer	–	1 299	1 818	566	1 167	187	1 736	79	136	250
Lacking complete kitchen facilities	62	–	–	55	6	4	25	–	24	58
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**144**	**35**	**28**	**89**	**34**	**84**	**328**	**43**	**85**	**280**
Renter occupied	88	14	28	59	34	63	261	20	59	200
Built 1939 or earlier	–	–	6	17	–	6	11	26	–	46
Lacking complete plumbing facilities	6	–	–	5	–	–	–	–	–	7
No vehicle available	–	7	–	5	–	15	26	14	–	67
No telephone in unit	13	–	–	10	–	16	15	13	–	17
1.01 or more persons per room	20	7	–	20	–	19	67	–	9	37
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**24 941**	**69 668**	**31 752**	**38 671**	**29 469**	**45 724**	**31 233**	**44 942**	**42 239**	**31 743**
Owner occupied (dollars)	30 806	71 892	33 750	45 440	61 359	49 279	40 967	47 390	42 652	36 214
Renter occupied (dollars)	17 102	40 809	31 705	30 321	29 406	36 378	23 333	36 736	40 924	25 284
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**745**	**1 243**	**5**	**748**	**4**	**473**	**1 063**	**706**	**1 023**	**1 325**
With a mortgage	458	1 127	–	461	4	367	882	471	804	811
Less than $200	–	–	–	8	–	–	11	9	–	–
$200 to $299	56	13	–	8	–	6	7	21	23	16
$300 to $399	61	32	–	13	–	6	74	7	28	60
$400 to $499	31	57	–	43	–	28	112	40	77	82
$500 to $599	81	58	–	15	–	31	32	52	23	38
$600 to $699	56	68	–	66	–	28	57	70	15	83
$700 to $999	173	211	–	98	–	86	203	85	193	271
$1,000 to $1,999	–	481	–	162	4	139	330	171	381	232
$2,000 or more	–	207	–	48	–	43	56	16	64	29
Median (dollars)	600	1 285	–	949	1 375	994	903	813	1 046	822
Not mortgaged	287	116	5	287	–	106	181	235	219	514
Median (dollars)	105	192	100–	236	–	190	185	152	210	147
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**745**	**1 243**	**5**	**748**	**4**	**473**	**1 063**	**706**	**1 023**	**1 325**
With a mortgage	458	1 127	–	461	4	367	882	471	804	811
Median	18.5	19.8	–	23.6	27.5	23.0	22.5	19.8	26.4	24.2
Not mortgaged	287	116	5	287	–	106	181	235	219	514
Median	10.0–	10.0–	–	10.0–	–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**288**	**157**	**1 814**	**658**	**1 164**	**393**	**1 643**	**369**	**412**	**1 072**
Less than $100	–	–	–	6	4	–	12	5	–	14
$100 to $199	16	–	–	6	–	12	51	16	–	52
$200 to $299	28	–	–	39	5	–	66	17	5	49
$300 to $399	16	–	59	13	14	18	135	31	–	118
$400 to $499	37	12	63	34	45	23	255	62	21	50
$500 to $599	76	12	62	105	25	52	276	34	5	108
$600 to $749	77	8	65	113	50	110	245	28	46	219
$750 to $999	24	9	116	139	103	86	357	87	154	259
$1,000 or more	–	104	113	128	64	60	180	69	165	110
No cash rent	14	12	1 336	75	854	32	66	20	16	93
Median (dollars)	553	1 303	722	729	779	716	597	682	946	671
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**288**	**157**	**1 814**	**658**	**1 164**	**393**	**1 643**	**369**	**412**	**1 072**
Less than 20 percent	65	44	213	186	70	129	355	134	101	268
20 to 24 percent	39	14	73	138	61	87	202	61	75	148
25 to 29 percent	7	4	49	17	43	15	236	41	31	125
30 to 34 percent	15	28	55	35	6	27	157	33	35	57
35 percent or more	144	55	88	202	125	103	600	80	149	375
Not computed	18	12	1 336	80	859	32	93	20	21	99
Median	37.1	31.9	21.8	23.7	27.5	23.0	29.6	23.3	28.1	27.8

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 92. **Structural, Social, and Financial Characteristics: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Kaunakakai CDP	Kekaha CDP	Lahaina CDP	Laie CDP	Lihue CDP	Maili CDP	Makaha CDP	Makakilo City CDP	Makawao CDP
Occupied housing units	**837**	**1 037**	**2 654**	**1 018**	**2 065**	**1 414**	**2 379**	**2 978**	**1 722**
TENURE									
Owner-occupied housing units	541	620	1 341	335	1 119	767	1 019	2 192	1 082
Renter-occupied housing units	296	417	1 313	683	946	647	1 360	786	640
YEAR STRUCTURE BUILT									
1989 to March 1990	30	–	35	31	164	3	25	28	167
1980 to 1988	303	240	490	151	490	151	399	823	706
1960 to 1979	372	392	1 525	704	879	806	1 456	2 061	523
1940 to 1959	125	241	334	113	386	392	419	54	145
1939 or earlier	7	164	270	19	146	62	80	12	181
HOUSE HEATING FUEL									
Utility gas	8	55	19	26	21	68	32	7	–
Bottled, tank, or LP gas	69	76	51	–	174	41	68	–	100
Electricity	465	129	739	214	812	513	858	1 043	656
Fuel oil, kerosene, etc.	–	–	14	–	–	–	–	–	–
All other fuels	31	58	77	16	91	63	6	89	117
No fuel used	264	719	1 754	762	967	729	1 415	1 839	849
VEHICLES AVAILABLE									
None	100	85	294	64	144	82	274	113	26
1	338	243	740	593	780	424	1 043	632	460
2	287	343	951	265	662	570	735	1 413	779
3 or more	112	366	669	96	479	338	327	820	457
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	153	92	605	341	475	330	716	790	564
1985 to 1988	214	228	655	332	541	348	874	1 111	573
1980 to 1984	148	218	423	128	204	217	328	289	213
1970 to 1979	193	245	552	133	383	301	270	500	211
1969 or earlier	129	254	419	84	462	218	191	288	161
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	837	1 011	2 561	997	2 058	1 388	2 357	2 971	1 716
1.01 or more	181	212	479	438	67	505	731	382	203
Lacking complete plumbing facilities	–	26	93	21	7	26	22	7	6
1.01 or more	–	–	46	13	–	8	8	7	–
SELECTED FACILITIES									
Water from public system or private company	837	1 027	2 610	1 018	2 055	1 409	2 379	2 970	1 711
Public sewer	547	146	2 327	569	1 483	1 295	1 721	2 926	246
Lacking complete kitchen facilities	–	16	86	6	18	–	14	15	4
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**177**	**179**	**173**	**174**	**114**	**200**	**409**	**53**	**110**
Renter occupied	117	146	125	160	95	189	352	16	88
Built 1939 or earlier	7	20	52	8	–	12	39	–	20
Lacking complete plumbing facilities	–	8	9	15	–	–	8	–	–
No vehicle available	65	67	69	32	11	31	156	3	–
No telephone in unit	13	18	36	29	16	5	11	–	–
1.01 or more persons per room	37	31	26	121	–	130	160	3	28
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**24 460**	**33 071**	**41 178**	**33 393**	**40 919**	**38 800**	**30 745**	**49 884**	**44 839**
Owner occupied (dollars)	31 902	43 203	48 750	54 009	44 893	47 477	41 632	53 532	51 770
Renter occupied (dollars)	12 500	15 792	35 339	22 464	35 333	25 521	21 705	37 553	29 054
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**541**	**593**	**1 198**	**295**	**957**	**719**	**810**	**1 758**	**992**
With a mortgage	381	408	791	236	575	613	646	1 661	812
Less than $200	–	4	9	8	7	–	–	–	21
$200 to $299	42	20	31	–	17	23	16	14	24
$300 to $399	74	102	48	7	33	45	64	45	75
$400 to $499	118	53	43	39	83	11	89	37	62
$500 to $599	29	32	40	5	63	14	59	84	16
$600 to $699	26	39	88	17	34	47	59	73	15
$700 to $999	75	96	111	47	108	258	149	246	136
$1,000 to $1,999	17	62	322	98	212	204	210	1 094	445
$2,000 or more	–	–	99	15	18	11	–	68	18
Median (dollars)	452	577	1 054	938	837	890	741	1 268	1 081
Not mortgaged	160	185	407	59	382	106	164	97	180
Median (dollars)	163	153	165	223	170	141	191	183	137
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**541**	**593**	**1 198**	**295**	**957**	**719**	**810**	**1 758**	**992**
With a mortgage	381	408	791	236	575	613	646	1 661	812
Median	22.1	17.4	23.7	19.9	18.3	21.3	21.5	26.6	23.2
Not mortgaged	160	185	407	59	382	106	164	97	180
Median	10.0–	10.0–	10.0–	10.1	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**296**	**417**	**1 305**	**683**	**936**	**641**	**1 354**	**778**	**636**
Less than $100	–	32	24	–	26	10	11	–	–
$100 to $199	70	89	61	–	52	47	16	–	9
$200 to $299	42	39	51	75	58	44	65	–	–
$300 to $399	45	47	115	222	81	35	68	4	30
$400 to $499	15	21	68	34	81	84	139	6	7
$500 to $599	49	56	101	67	63	106	324	–	52
$600 to $749	55	44	193	122	106	126	408	23	79
$750 to $999	–	48	302	123	304	141	188	387	279
$1,000 or more	–	–	304	28	114	24	87	330	120
No cash rent	20	41	86	12	51	24	48	28	60
Median (dollars)	357	352	746	513	726	568	611	971	849
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**296**	**417**	**1 305**	**683**	**936**	**641**	**1 354**	**778**	**636**
Less than 20 percent	57	124	493	254	375	171	284	78	162
20 to 24 percent	41	40	195	74	134	102	207	93	49
25 to 29 percent	52	53	154	29	152	70	127	127	48
30 to 34 percent	20	22	36	48	72	45	94	109	29
35 percent or more	97	137	333	266	130	198	574	340	263
Not computed	29	41	94	12	73	55	68	31	85
Median	28.4	27.3	22.9	26.3	22.1	26.4	31.3	33.5	32.8

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[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Maunawili CDP	Mountain View CDP	Nanakuli CDP	Napili-Honokowai CDP	Pukalani CDP	Pupukea CDP	Village Park CDP	Waialua CDP	Waianae CDP
Occupied housing units	**1 422**	**1 143**	**2 053**	**1 792**	**1 841**	**1 297**	**2 038**	**1 219**	**2 183**
TENURE									
Owner-occupied housing units	1 212	837	1 242	688	1 215	626	1 706	700	1 311
Renter-occupied housing units	210	306	811	1 104	626	671	332	519	872
YEAR STRUCTURE BUILT									
1989 to March 1990	5	27	20	125	84	33	302	10	23
1980 to 1988	37	607	289	611	639	326	1 515	117	292
1960 to 1979	999	295	1 257	989	959	725	208	635	1 393
1940 to 1959	377	96	330	52	132	159	13	303	382
1939 or earlier	4	118	157	15	27	54	–	154	93
HOUSE HEATING FUEL									
Utility gas	17	–	94	7	11	14	–	–	31
Bottled, tank, or LP gas	–	219	67	5	97	30	–	49	11
Electricity	428	134	872	466	802	485	1 081	432	816
Fuel oil, kerosene, etc.	–	18	–	–	–	–	–	–	–
All other fuels	29	149	27	42	61	8	93	45	48
No fuel used	948	623	993	1 272	870	760	864	693	1 277
VEHICLES AVAILABLE									
None	17	56	170	69	55	37	–	132	229
1	293	458	698	907	405	409	315	372	629
2	652	508	722	622	827	615	1 195	439	819
3 or more	460	121	463	194	554	236	528	276	506
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	149	234	342	843	362	343	604	180	379
1985 to 1988	323	418	462	538	578	419	1 063	284	555
1980 to 1984	164	237	347	162	206	201	287	89	320
1970 to 1979	317	166	519	205	386	216	84	263	648
1969 or earlier	469	88	383	44	309	118	–	403	281
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	1 404	972	2 029	1 792	1 841	1 285	2 038	1 175	2 153
1.01 or more	42	100	725	260	241	200	414	208	689
Lacking complete plumbing facilities	18	171	24	–	–	12	–	44	30
1.01 or more	9	60	24	–	–	–	–	37	18
SELECTED FACILITIES									
Water from public system or private company	1 422	423	2 053	1 787	1 833	1 292	2 038	1 212	2 183
Public sewer	1 327	10	1 069	1 706	709	198	2 027	162	1 602
Lacking complete kitchen facilities	18	99	16	–	–	55	–	53	26
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**19**	**264**	**423**	**73**	**88**	**100**	**38**	**92**	**418**
Renter occupied	9	128	307	66	39	65	30	81	353
Built 1939 or earlier	–	27	66	–	–	12	–	–	4
Lacking complete plumbing facilities	9	86	8	–	–	12	–	7	12
No vehicle available	9	11	78	8	8	22	–	15	128
No telephone in unit	9	87	134	–	9	12	–	16	80
1.01 or more persons per room	9	33	167	–	35	27	–	32	182
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**65 068**	**20 540**	**33 898**	**38 428**	**43 369**	**38 630**	**55 790**	**33 005**	**33 504**
Owner occupied (dollars)	68 592	25 244	43 824	38 864	50 028	51 225	57 175	42 955	41 450
Renter occupied (dollars)	51 431	11 875	20 186	38 203	31 279	32 448	46 071	25 802	18 409
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**1 172**	**711**	**1 090**	**363**	**1 151**	**565**	**1 564**	**700**	**1 139**
With a mortgage	1 036	295	739	260	866	420	1 525	354	905
Less than $200	–	5	–	–	21	–	–	–	12
$200 to $299	11	11	80	16	15	8	–	19	29
$300 to $399	80	52	159	24	25	5	–	35	129
$400 to $499	44	57	148	27	130	28	–	6	197
$500 to $599	35	46	57	14	68	29	–	31	144
$600 to $699	75	47	58	8	60	18	–	31	70
$700 to $999	125	59	191	39	153	29	83	89	75
$1,000 to $1,999	532	18	46	76	329	227	1 334	126	229
$2,000 or more	134	–	–	56	65	76	108	17	20
Median (dollars)	1 282	563	486	1 025	926	1 411	1 584	826	547
Not mortgaged	136	416	351	103	285	145	39	346	234
Median (dollars)	188	100–	133	247	173	176	169	120	151
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**1 172**	**711**	**1 090**	**363**	**1 151**	**565**	**1 564**	**700**	**1 139**
With a mortgage	1 036	295	739	260	866	420	1 525	354	905
Median	21.4	21.6	16.2	24.9	22.3	29.1	32.6	19.0	17.3
Not mortgaged	136	416	351	103	285	145	39	346	234
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**201**	**270**	**789**	**1 104**	**626**	**642**	**332**	**519**	**856**
Less than $100	–	3	8	–	–	12	–	75	54
$100 to $199	–	18	12	–	17	–	–	59	96
$200 to $299	–	27	71	–	–	15	–	62	36
$300 to $399	6	24	63	8	14	20	–	11	81
$400 to $499	9	71	84	37	9	59	–	34	107
$500 to $599	–	67	81	42	63	61	–	56	133
$600 to $749	–	17	180	215	137	86	13	67	123
$750 to $999	44	–	227	465	237	223	106	101	131
$1,000 or more	117	–	35	281	93	147	213	27	32
No cash rent	25	43	28	56	56	19	–	27	63
Median (dollars)	1 248	421	644	869	797	816	1 221	509	519
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**201**	**270**	**789**	**1 104**	**626**	**642**	**332**	**519**	**856**
Less than 20 percent	17	58	141	216	146	200	50	221	238
20 to 24 percent	45	2	122	182	109	82	58	27	96
25 to 29 percent	27	33	63	124	84	71	40	52	63
30 to 34 percent	26	23	34	151	30	30	31	46	57
35 percent or more	61	104	382	375	201	229	143	146	332
Not computed	25	50	47	56	56	30	10	27	70
Median	29.8	33.7	36.5	30.1	26.8	26.7	32.1	24.6	29.7

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[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Waihee-Waiehue CDP	Wailea-Makena CDP	Wailua Home-steads CDP	Waimanalo CDP	Waimanalo Beach CDP	Waimea CDP, Hawaii County	Waipio Acres CDP	Wheeler AFB CDP	Whitmore Village CDP
Occupied housing units	**1 052**	**1 546**	**1 238**	**817**	**937**	**1 887**	**1 789**	**702**	**816**
TENURE									
Owner-occupied housing units	853	848	867	506	701	1 144	951	12	581
Renter-occupied housing units	199	698	371	311	236	743	838	690	235
YEAR STRUCTURE BUILT									
1989 to March 1990	30	129	72	–	–	76	7	5	93
1980 to 1988	495	794	516	95	35	744	341	22	197
1960 to 1979	386	602	533	614	370	701	1 173	312	291
1940 to 1959	61	21	98	91	453	157	268	246	158
1939 or earlier	80	–	19	17	79	209	–	117	77
HOUSE HEATING FUEL									
Utility gas	–	6	–	–	7	15	32	–	–
Bottled, tank, or LP gas	27	7	70	–	3	67	–	–	20
Electricity	504	233	360	329	411	570	882	262	511
Fuel oil, kerosene, etc.	–	13	–	–	–	55	–	–	–
All other fuels	95	31	39	10	11	192	18	10	14
No fuel used	426	1 256	769	478	505	988	857	430	271
VEHICLES AVAILABLE									
None	28	43	19	49	46	50	44	25	57
1	169	507	255	247	286	565	868	299	287
2	471	721	684	317	258	825	640	342	309
3 or more	384	275	280	204	347	447	237	36	163
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	175	508	304	55	52	454	733	311	254
1985 to 1988	399	655	458	171	158	582	509	374	156
1980 to 1984	152	197	132	175	49	313	102	11	107
1970 to 1979	201	180	296	310	239	335	176	6	126
1969 or earlier	125	6	48	106	439	203	269	–	173
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	1 052	1 539	1 238	817	925	1 876	1 789	702	816
1.01 or more	246	84	70	252	296	212	217	60	347
Lacking complete plumbing facilities	–	7	–	–	12	11	–	–	–
1.01 or more	–	–	–	–	12	4	–	–	–
SELECTED FACILITIES									
Water from public system or private company	1 041	1 540	1 228	817	937	1 887	1 789	702	816
Public sewer	801	810	35	793	393	183	1 778	654	816
Lacking complete kitchen facilities	6	5	16	8	6	12	6	–	7
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**16**	**111**	**56**	**91**	**95**	**175**	**59**	**18**	**47**
Renter occupied	12	91	29	86	47	120	40	18	17
Built 1939 or earlier	–	–	8	–	12	40	–	–	–
Lacking complete plumbing facilities	–	–	–	–	12	4	–	–	–
No vehicle available	9	9	6	20	12	21	12	–	17
No telephone in unit	3	–	–	–	12	38	–	–	–
1.01 or more persons per room	–	9	9	51	25	49	7	12	18
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**44 643**	**43 718**	**44 038**	**41 887**	**44 757**	**37 328**	**35 889**	**25 709**	**42 500**
Owner occupied (dollars)	48 995	52 678	50 054	52 408	48 750	41 779	47 172	26 250	45 350
Renter occupied (dollars)	30 074	31 000	29 107	29 432	33 913	30 777	24 483	25 605	31 083
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**807**	**645**	**762**	**438**	**675**	**1 010**	**648**	**–**	**492**
With a mortgage	668	497	620	360	299	711	496	–	362
Less than $200	7	–	–	–	4	15	6	–	–
$200 to $299	6	–	7	6	59	18	17	–	28
$300 to $399	42	–	–	46	87	91	16	–	3
$400 to $499	47	10	44	80	26	100	13	–	19
$500 to $599	42	8	33	32	23	63	19	–	5
$600 to $699	56	20	72	11	29	27	20	–	25
$700 to $999	141	76	133	92	30	185	87	–	87
$1,000 to $1,999	288	278	278	88	41	192	292	–	195
$2,000 or more	39	105	53	5	–	20	26	–	–
Median (dollars)	983	1 481	1 043	716	399	747	1 154	–	1 029
Not mortgaged	139	148	142	78	376	299	152	–	130
Median (dollars)	136	267	176	189	176	185	158	–	144
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**807**	**645**	**762**	**438**	**675**	**1 010**	**648**	**–**	**492**
With a mortgage	668	497	620	360	299	711	496	–	362
Median	23.7	30.4	23.4	16.1	15.4	23.0	28.2	–	29.0
Not mortgaged	139	148	142	78	376	299	152	–	130
Median	10.0–	10.3	10.0–	10.0–	10.0–	10.0–	10.0–	–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**199**	**698**	**366**	**302**	**236**	**723**	**838**	**685**	**235**
Less than $100	3	–	–	–	–	–	–	–	–
$100 to $199	8	–	–	21	–	20	–	–	6
$200 to $299	15	–	11	36	3	39	9	14	14
$300 to $399	3	9	7	32	18	16	–	21	40
$400 to $499	22	15	19	95	25	54	5	32	16
$500 to $599	23	28	42	25	22	62	31	–	40
$600 to $749	–	75	52	31	32	124	268	51	26
$750 to $999	38	157	121	17	51	150	496	12	83
$1,000 or more	52	307	99	39	43	173	23	52	10
No cash rent	35	107	15	6	42	85	6	503	–
Median (dollars)	803	1 037	842	446	645	757	802	673	606
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**199**	**698**	**366**	**302**	**236**	**723**	**838**	**685**	**235**
Less than 20 percent	53	99	100	113	79	188	65	38	79
20 to 24 percent	–	33	55	43	16	89	88	31	41
25 to 29 percent	37	87	5	48	11	83	50	29	8
30 to 34 percent	18	65	22	24	24	59	127	26	23
35 percent or more	56	302	169	62	64	209	497	58	84
Not computed	35	112	15	12	42	95	11	503	–
Median	28.9	35.7	33.5	23.7	25.9	27.2	40.3	28.8	24.7

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Ahuimanu CDP		Aiea CDP		Aliamanu CDP			Captain Cook CDP		Ewa Villages CDP
	White	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Black	Asian or Pacific Islander	White	Asian or Pacific Islander	Asian or Pacific Islander
Occupied housing units	**1 016**	**1 368**	**702**	**1 865**	**1 337**	**565**	**307**	**395**	**493**	**792**
TENURE										
Owner-occupied housing units	697	1 136	351	1 564	–	–	23	189	357	533
Renter-occupied housing units	319	232	351	301	1 337	565	284	206	136	259
YEAR STRUCTURE BUILT										
1989 to March 1990	8	27	4	28	–	–	–	42	28	23
1980 to 1988	234	382	31	159	220	46	35	79	74	338
1960 to 1979	733	811	331	760	1 082	497	264	116	181	17
1940 to 1959	41	128	295	707	35	22	8	83	128	257
1939 or earlier	–	20	41	211	–	–	–	75	82	157
HOUSE HEATING FUEL										
Utility gas	–	–	19	11	–	–	8	–	–	22
Bottled, tank, or LP gas	9	8	–	8	–	–	–	–	15	11
Electricity	274	663	174	1 018	534	171	202	52	57	590
Fuel oil, kerosene, etc.	–	–	–	7	–	–	–	–	–	–
All other fuels	–	25	8	42	–	–	–	15	–	–
No fuel used	733	672	501	779	803	394	97	328	421	169
VEHICLES AVAILABLE										
None	16	35	38	95	18	12	–	5	–	72
1	323	287	150	423	678	252	84	111	89	148
2	492	600	323	662	556	290	176	214	232	311
3 or more	185	446	191	685	85	11	47	65	172	261
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	265	186	155	138	566	299	110	154	54	51
1985 to 1988	384	428	223	180	737	236	164	143	90	381
1980 to 1984	208	258	37	190	34	11	33	22	85	68
1970 to 1979	130	344	126	377	–	19	–	44	109	124
1969 or earlier	29	152	161	980	–	–	–	32	155	168
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 016	1 363	702	1 858	1 337	565	307	346	464	792
1.01 or more	52	206	31	195	28	23	100	50	65	314
Lacking complete plumbing facilities	–	5	–	7	–	–	–	49	29	–
1.01 or more	–	5	–	–	–	–	–	20	6	–
SELECTED FACILITIES										
Water from public system or private company	1 016	1 368	702	1 865	1 337	565	307	222	467	785
Public sewer	848	1 061	645	1 787	1 320	565	296	47	14	678
Lacking complete kitchen facilities	20	–	6	–	–	–	–	28	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**27**	**26**	**19**	**63**	**44**	**23**	**20**	**53**	**10**	**24**
Renter occupied	19	26	19	41	44	23	8	41	10	17
Built 1939 or earlier	–	12	6	–	–	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	7	–	–	–	13	–	–
No vehicle available	5	12	–	18	8	–	–	–	–	13
No telephone in unit	4	–	–	5	–	–	–	9	–	–
1.01 or more persons per room	4	14	–	9	–	–	20	4	–	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**55 285**	**59 167**	**56 235**	**54 337**	**26 752**	**22 431**	**30 594**	**31 719**	**44 393**	**37 411**
Owner occupied (dollars)	63 079	62 462	63 932	60 230	–	–	5 000–	44 886	49 375	37 784
Renter occupied (dollars)	37 014	34 643	49 750	37 917	26 752	22 431	30 625	27 895	31 300	34 250
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**536**	**949**	**312**	**1 431**	**–**	**–**	**11**	**145**	**326**	**499**
With a mortgage	475	841	210	821	–	–	11	101	215	440
Less than $200	–	–	–	–	–	–	–	–	7	10
$200 to $299	–	–	8	52	–	–	–	–	5	13
$300 to $399	13	31	9	76	–	–	–	–	8	47
$400 to $499	21	67	19	46	–	–	–	–	22	47
$500 to $599	7	56	51	91	–	–	–	4	13	56
$600 to $699	9	38	13	35	–	–	–	4	12	58
$700 to $999	92	112	13	110	–	–	–	21	84	137
$1,000 to $1,999	290	452	73	321	–	–	–	59	56	63
$2,000 or more	43	85	24	90	–	–	11	13	8	9
Median (dollars)	1 223	1 166	956	1 001	–	–	2 000+	1 199	820	688
Not mortgaged	61	108	102	610	–	–	–	44	111	59
Median (dollars)	241	222	187	179	–	–	–	138	133	128
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**536**	**949**	**312**	**1 431**	**–**	**–**	**11**	**145**	**326**	**499**
With a mortgage	475	841	210	821	–	–	11	101	215	440
Median	22.5	24.2	14.5	17.1	–	–	50.0+	30.1	17.5	21.7
Not mortgaged	61	108	102	610	–	–	–	44	111	59
Median	11.4	10.0–	10.0–	10.0–	–	–	–	10.0–	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**319**	**232**	**345**	**301**	**1 329**	**565**	**276**	**188**	**110**	**253**
Less than $100	–	–	–	–	–	–	–	–	7	74
$100 to $199	9	–	–	–	–	–	–	16	4	121
$200 to $299	–	–	–	19	7	–	–	12	5	26
$300 to $399	12	–	–	9	47	–	–	25	22	6
$400 to $499	–	17	–	32	36	33	11	33	8	–
$500 to $599	14	29	14	30	24	–	–	7	9	–
$600 to $749	17	39	25	20	25	11	11	34	6	–
$750 to $999	124	74	108	79	74	–	12	31	8	–
$1,000 or more	143	55	116	51	13	–	10	16	7	–
No cash rent	–	18	82	61	1 103	521	232	14	34	26
Median (dollars)	967	824	964	782	596	417	750	507	400	119
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**319**	**232**	**345**	**301**	**1 329**	**565**	**276**	**188**	**110**	**253**
Less than 20 percent	34	70	89	105	83	–	–	59	42	216
20 to 24 percent	35	7	33	23	25	–	23	–	9	–
25 to 29 percent	58	52	22	14	85	32	11	42	10	–
30 to 34 percent	65	12	25	21	–	12	10	22	–	–
35 percent or more	127	73	94	77	33	–	–	51	15	5
Not computed	–	18	82	61	1 103	521	232	14	34	32
Median	32.5	27.9	27.2	23.3	25.3	28.4	24.8	28.3	12.5	10.0–

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Fort Shafter CDP	Haiku-Pauwela CDP		Hanamaulu CDP	Hauula CDP	Hawaiian Beaches CDP		Hawaiian Paradise Park CDP	
	White	White	Asian or Pacific Islander	Asian or Pacific Islander	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Occupied housing units	**614**	**1 002**	**471**	**680**	**541**	**463**	**367**	**745**	**331**
TENURE									
Owner-occupied housing units	–	543	324	541	292	345	272	559	242
Renter-occupied housing units	614	459	147	139	249	118	95	186	89
YEAR STRUCTURE BUILT									
1989 to March 1990	–	34	6	8	10	16	15	95	22
1980 to 1988	–	427	145	78	95	107	89	364	151
1960 to 1979	177	338	188	462	289	340	261	277	137
1940 to 1959	340	112	62	115	103	–	2	–	10
1939 or earlier	97	91	70	17	44	–	–	9	11
HOUSE HEATING FUEL									
Utility gas	15	–	–	60	–	–	4	–	–
Bottled, tank, or LP gas	–	101	44	124	14	–	–	34	14
Electricity	43	305	192	237	283	–	40	154	65
Fuel oil, kerosene, etc.	–	12	–	9	–	–	–	–	–
All other fuels	–	68	12	41	–	–	–	18	–
No fuel used	556	516	223	209	244	463	323	539	252
VEHICLES AVAILABLE									
None	10	33	24	46	46	19	13	14	–
1	295	323	95	128	211	227	104	325	101
2	264	347	210	293	207	160	155	312	147
3 or more	45	299	142	213	77	57	95	94	83
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	215	261	55	51	124	123	61	273	63
1985 to 1988	399	362	78	102	125	119	34	269	119
1980 to 1984	–	134	96	46	102	57	111	89	59
1970 to 1979	–	166	142	218	78	150	161	91	80
1969 or earlier	–	79	100	263	112	14	–	23	10
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	614	955	460	671	512	444	367	704	325
1.01 or more	21	119	76	193	222	26	43	36	55
Lacking complete plumbing facilities	–	47	11	9	29	19	–	41	6
1.01 or more	–	15	–	–	–	–	–	18	6
SELECTED FACILITIES									
Water from public system or private company	614	934	455	664	541	408	359	–	30
Public sewer	614	95	16	621	46	–	24	–	–
Lacking complete kitchen facilities	–	23	–	9	5	12	–	43	19
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**17**	**135**	**23**	**53**	**88**	**156**	**147**	**86**	**43**
Renter occupied	17	94	16	30	56	74	68	43	30
Built 1939 or earlier	–	–	15	–	8	–	–	–	–
Lacking complete plumbing facilities	–	11	–	9	29	19	–	6	–
No vehicle available	5	13	15	28	27	9	13	–	–
No telephone in unit	–	5	8	7	5	13	19	6	7
1.01 or more persons per room	–	16	–	14	25	–	20	20	–
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**32 857**	**36 550**	**38 995**	**37 639**	**38 036**	**20 066**	**20 859**	**22 887**	**29 013**
Owner occupied (dollars)	–	39 561	39 459	37 355	42 000	25 125	30 375	24 213	42 976
Renter occupied (dollars)	32 857	30 625	36 750	45 729	29 375	8 427	11 477	14 833	19 279
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**–**	**475**	**277**	**471**	**262**	**322**	**238**	**501**	**234**
With a mortgage	–	316	189	248	182	197	198	294	164
Less than $200	–	–	–	32	–	–	–	–	–
$200 to $299	–	5	29	23	–	17	37	34	22
$300 to $399	–	17	20	42	9	51	25	54	7
$400 to $499	–	10	25	34	–	48	35	17	14
$500 to $599	–	15	8	–	11	37	10	37	44
$600 to $699	–	11	16	26	9	26	66	35	21
$700 to $999	–	98	41	58	70	18	6	117	56
$1,000 to $1,999	–	140	50	33	74	–	19	–	–
$2,000 or more	–	20	–	–	9	–	–	–	–
Median (dollars)	–	1 008	639	479	978	471	510	657	591
Not mortgaged	–	159	88	223	80	125	40	207	70
Median (dollars)	–	152	137	148	123	119	117	100–	140
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**–**	**475**	**277**	**471**	**262**	**322**	**238**	**501**	**234**
With a mortgage	–	316	189	248	182	197	198	294	164
Median	–	24.0	23.4	14.6	18.7	21.9	19.7	20.3	17.0
Not mortgaged	–	159	88	223	80	125	40	207	70
Median	–	10.0–	10.0–	10.0–	10.6	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**614**	**453**	**135**	**136**	**249**	**118**	**95**	**179**	**89**
Less than $100	–	5	–	–	–	–	–	–	–
$100 to $199	–	10	–	16	–	9	6	11	–
$200 to $299	–	10	14	10	17	–	5	9	14
$300 to $399	14	21	12	10	–	15	9	16	–
$400 to $499	22	46	8	20	35	10	34	37	–
$500 to $599	22	36	5	14	18	61	28	31	45
$600 to $749	14	80	19	–	60	23	13	37	30
$750 to $999	18	157	16	31	77	–	–	24	–
$1,000 or more	39	46	15	17	16	–	–	–	–
No cash rent	485	42	46	18	26	–	–	14	–
Median (dollars)	673	740	705	530	680	550	493	524	573
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**614**	**453**	**135**	**136**	**249**	**118**	**95**	**179**	**89**
Less than 20 percent	86	130	28	52	57	6	14	40	20
20 to 24 percent	21	49	15	5	34	19	6	30	9
25 to 29 percent	7	48	6	13	38	–	15	–	7
30 to 34 percent	8	37	20	4	11	25	–	6	9
35 percent or more	7	137	20	44	83	58	54	85	44
Not computed	485	52	46	18	26	10	6	18	–
Median	16.5	27.2	26.3	25.8	27.7	50.0+	45.8	37.5	34.7

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Heeia CDP		Hickam Housing CDP	Holualoa CDP		Kahaluu CDP		Kailua CDP, Hawaii County	
	White	Asian or Pacific Islander	White	White	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Occupied housing units	**656**	**853**	**1 395**	**1 060**	**430**	**403**	**492**	**1 928**	**1 067**
TENURE									
Owner-occupied housing units	554	808	–	560	285	219	307	924	483
Renter-occupied housing units	102	45	1 395	500	145	184	185	1 004	584
YEAR STRUCTURE BUILT									
1989 to March 1990	12	–	–	113	16	14	–	174	55
1980 to 1988	48	49	12	421	86	41	48	670	415
1960 to 1979	568	744	330	413	239	195	239	968	502
1940 to 1959	21	53	673	49	63	145	192	78	95
1939 or earlier	7	7	380	64	26	8	13	38	–
HOUSE HEATING FUEL									
Utility gas	–	–	–	6	26	–	–	11	–
Bottled, tank, or LP gas	–	–	–	28	15	–	13	23	59
Electricity	211	368	316	234	84	99	256	532	367
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–
All other fuels	32	3	–	28	15	5	14	46	25
No fuel used	413	482	1 079	764	290	299	209	1 316	616
VEHICLES AVAILABLE									
None	7	4	12	51	37	13	24	92	108
1	87	157	684	431	128	141	94	886	408
2	390	321	579	414	171	139	201	725	369
3 or more	172	371	120	164	94	110	173	225	182
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	71	58	502	348	106	112	34	752	275
1985 to 1988	193	126	881	433	73	147	133	650	392
1980 to 1984	119	60	12	166	49	14	40	277	136
1970 to 1979	213	304	–	102	112	93	96	221	189
1969 or earlier	60	305	–	11	90	37	189	28	75
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	656	853	1 395	1 054	419	403	492	1 901	1 067
1.01 or more	30	75	37	62	36	44	127	241	296
Lacking complete plumbing facilities	–	–	–	6	11	–	–	27	–
1.01 or more	–	–	–	–	–	–	–	–	–
SELECTED FACILITIES									
Water from public system or private company	656	853	1 395	1 035	430	399	492	1 899	1 067
Public sewer	521	757	1 395	411	123	120	48	1 142	539
Lacking complete kitchen facilities	–	–	–	50	–	4	–	25	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**18**	**17**	**18**	**58**	**26**	**35**	**49**	**219**	**90**
Renter occupied	11	3	18	28	26	35	28	163	79
Built 1939 or earlier	–	–	6	12	–	–	6	11	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	7	–	–	5	–	9	6	10	11
No telephone in unit	–	–	–	5	–	16	–	–	15
1.01 or more persons per room	7	–	–	–	20	–	19	29	38
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**73 534**	**67 608**	**33 677**	**38 526**	**38 125**	**48 650**	**39 500**	**30 665**	**33 641**
Owner occupied (dollars)	76 438	68 514	–	45 686	44 041	46 937	51 502	36 164	44 583
Renter occupied (dollars)	40 833	40 750	33 677	31 894	27 743	50 360	30 417	24 250	22 330
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**484**	**748**	**–**	**463**	**255**	**167**	**301**	**643**	**420**
With a mortgage	468	655	–	260	171	146	216	512	370
Less than $200	–	–	–	8	–	–	–	–	11
$200 to $299	–	13	–	–	8	6	–	7	–
$300 to $399	9	23	–	4	9	–	6	31	43
$400 to $499	28	29	–	11	32	7	21	24	88
$500 to $599	14	44	–	9	6	4	27	20	12
$600 to $699	49	19	–	27	39	11	17	42	15
$700 to $999	47	160	–	68	30	25	61	120	83
$1,000 to $1,999	221	260	–	93	47	74	65	220	110
$2,000 or more	100	107	–	40	–	19	19	48	8
Median (dollars)	1 375	1 165	–	1 039	665	1 192	832	1 033	723
Not mortgaged	16	93	–	203	84	21	85	131	50
Median (dollars)	233	185	–	262	179	204	188	188	179
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**484**	**748**	**–**	**463**	**255**	**167**	**301**	**643**	**420**
With a mortgage	468	655	–	260	171	146	216	512	370
Median	22.0	18.8	–	24.9	18.4	26.5	19.2	26.3	19.5
Not mortgaged	16	93	–	203	84	21	85	131	50
Median	10.0–	10.0–	–	10.0–	11.1	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**102**	**45**	**1 389**	**500**	**143**	**184**	**185**	**1 004**	**569**
Less than $100	–	–	–	6	–	–	–	6	6
$100 to $199	–	–	–	6	–	–	12	18	28
$200 to $299	–	–	–	16	23	–	–	9	57
$300 to $399	–	–	20	–	8	–	18	72	63
$400 to $499	12	–	52	30	4	6	17	154	85
$500 to $599	12	–	53	92	13	19	33	145	118
$600 to $749	–	8	56	93	10	46	57	156	73
$750 to $999	–	4	100	93	46	51	18	262	85
$1,000 or more	78	21	113	114	14	46	14	128	42
No cash rent	–	12	995	50	25	16	16	54	12
Median (dollars)	1 346	1 214	790	734	755	814	625	688	522
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**102**	**45**	**1 389**	**500**	**143**	**184**	**185**	**1 004**	**569**
Less than 20 percent	32	12	163	148	38	70	42	177	162
20 to 24 percent	11	3	59	119	19	26	61	98	88
25 to 29 percent	–	4	45	17	–	4	11	144	92
30 to 34 percent	24	4	39	29	6	27	–	90	58
35 percent or more	35	10	88	137	55	41	55	423	153
Not computed	–	12	995	50	25	16	16	72	16
Median	31.7	26.9	22.9	23.2	31.7	22.7	23.5	32.6	26.4

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Kalaheo CDP		Kalaoa CDP		Kapaa CDP				Kaunakakai CDP	Kekaha CDP
	White	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	Asian or Pacific Islander	Asian or Pacific Islander
Occupied housing units	**607**	**518**	**1 105**	**421**	**1 057**	**1 442**	**299**	**954**	**671**	**737**
TENURE										
Owner-occupied housing units	367	396	777	338	499	936	153	447	468	473
Renter-occupied housing units	240	122	328	83	558	506	146	507	203	264
YEAR STRUCTURE BUILT										
1989 to March 1990	25	5	100	35	79	57	23	71	25	–
1980 to 1988	174	172	564	200	373	402	64	341	233	199
1960 to 1979	182	199	430	181	354	525	144	308	314	293
1940 to 1959	141	66	11	5	135	314	49	118	92	128
1939 or earlier	85	76	–	–	116	144	19	116	7	117
HOUSE HEATING FUEL										
Utility gas	14	–	5	–	11	13	8	11	–	48
Bottled, tank, or LP gas	20	73	28	22	67	141	25	42	61	43
Electricity	135	151	222	66	271	333	46	238	396	108
Fuel oil, kerosene, etc.	–	3	–	–	–	10	–	–	–	–
All other fuels	7	54	30	–	19	80	–	19	24	44
No fuel used	431	237	820	333	689	865	220	644	190	494
VEHICLES AVAILABLE										
None	–	12	10	13	84	103	14	79	76	63
1	161	93	284	40	330	330	63	313	260	207
2	281	247	551	229	401	647	138	361	223	212
3 or more	165	166	260	139	242	362	84	201	112	255
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	161	57	315	85	352	189	64	322	138	69
1985 to 1988	190	108	544	150	374	462	84	341	144	122
1980 to 1984	68	101	110	78	148	248	77	134	113	193
1970 to 1979	83	156	136	99	94	206	51	77	161	192
1969 or earlier	105	96	–	9	89	337	23	80	115	161
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	607	518	1 100	407	1 036	1 429	299	933	671	726
1.01 or more	68	124	75	64	87	258	76	69	168	163
Lacking complete plumbing facilities	–	–	5	14	21	13	–	21	–	11
1.01 or more	–	–	5	–	21	–	–	21	–	–
SELECTED FACILITIES										
Water from public system or private company	607	511	1 093	417	1 043	1 442	299	940	671	737
Public sewer	60	19	92	44	177	68	12	170	439	109
Lacking complete kitchen facilities	–	–	–	24	37	17	11	37	–	8
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**26**	**10**	**85**	**–**	**160**	**115**	**22**	**154**	**147**	**125**
Renter occupied	10	3	59	–	120	75	15	114	87	97
Built 1939 or earlier	16	3	–	–	30	16	4	30	7	11
Lacking complete plumbing facilities	–	–	–	–	7	–	–	7	–	–
No vehicle available	–	7	–	–	36	31	–	36	49	45
No telephone in unit	6	–	–	–	–	17	–	–	13	18
1.01 or more persons per room	–	–	9	–	15	22	–	15	37	14
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**46 701**	**43 581**	**42 574**	**41 928**	**31 458**	**32 115**	**34 464**	**31 563**	**24 315**	**30 787**
Owner occupied (dollars)	49 261	45 000	42 325	43 250	36 432	35 227	41 964	36 546	32 174	42 773
Renter occupied (dollars)	38 125	31 842	43 125	40 074	25 198	26 500	22 500	25 290	11 103	13 611
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**336**	**350**	**706**	**301**	**453**	**861**	**150**	**402**	**468**	**451**
With a mortgage	211	240	522	271	300	500	125	260	322	318
Less than $200	–	9	–	–	–	–	–	–	–	4
$200 to $299	8	13	23	–	–	16	–	–	36	13
$300 to $399	–	7	21	7	21	39	7	21	63	80
$400 to $499	7	27	26	44	31	51	8	31	96	49
$500 to $599	24	28	23	–	–	38	–	–	29	32
$600 to $699	12	44	7	8	32	51	33	22	20	34
$700 to $999	40	45	131	58	76	184	49	54	61	62
$1,000 to $1,999	109	62	238	143	127	105	21	119	17	44
$2,000 or more	11	5	53	11	13	16	7	13	–	–
Median (dollars)	1 063	686	1 065	1 039	972	770	808	1 009	454	538
Not mortgaged	125	110	184	30	153	361	25	142	146	133
Median (dollars)	154	150	214	194	158	145	142	163	163	160
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**336**	**350**	**706**	**301**	**453**	**861**	**150**	**402**	**468**	**451**
With a mortgage	211	240	522	271	300	500	125	260	322	318
Median	19.9	19.3	29.6	23.5	30.9	22.6	21.3	31.5	22.4	18.4
Not mortgaged	125	110	184	30	153	361	25	142	146	133
Median	10.0–	10.0–	10.0–	10.0–	10.7	10.0–	10.0–	11.2	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**240**	**122**	**323**	**83**	**543**	**489**	**146**	**492**	**203**	**264**
Less than $100	–	5	–	–	10	4	–	10	–	26
$100 to $199	–	16	–	–	26	21	15	20	61	64
$200 to $299	–	17	5	–	23	26	10	13	22	35
$300 to $399	22	9	–	–	40	74	4	40	36	42
$400 to $499	36	26	21	–	19	31	5	14	7	8
$500 to $599	27	–	5	–	58	50	–	58	23	28
$600 to $749	21	7	36	10	107	100	61	97	45	22
$750 to $999	54	33	118	30	151	98	38	131	–	17
$1,000 or more	69	–	122	43	76	29	5	76	–	–
No cash rent	11	9	16	–	33	56	8	33	9	22
Median (dollars)	789	424	933	1 035	702	617	685	703	315	286
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**240**	**122**	**323**	**83**	**543**	**489**	**146**	**492**	**203**	**264**
Less than 20 percent	74	60	76	25	135	124	58	119	25	60
20 to 24 percent	27	34	58	17	95	49	9	90	41	40
25 to 29 percent	41	–	31	–	58	67	11	53	40	44
30 to 34 percent	33	–	35	–	26	31	7	19	20	22
35 percent or more	54	19	102	41	190	162	47	178	68	76
Not computed	11	9	21	–	39	56	14	33	9	22
Median	26.6	18.4	27.7	24.9	26.9	28.2	24.4	26.9	28.9	27.4

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Lahaina CDP		Laie CDP		Lihue CDP		Maili CDP			
	White	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin
Occupied housing units	**1 100**	**1 504**	**390**	**606**	**726**	**1 304**	**373**	**940**	**215**	**337**
TENURE										
Owner-occupied housing units	340	993	97	238	248	865	210	513	97	183
Renter-occupied housing units	760	511	293	368	478	439	163	427	118	154
YEAR STRUCTURE BUILT										
1989 to March 1990	26	9	–	31	59	95	–	3	–	–
1980 to 1988	158	332	80	68	246	244	15	128	8	15
1960 to 1979	745	746	265	420	283	582	255	501	111	245
1940 to 1959	122	205	40	73	88	292	100	249	96	74
1939 or earlier	49	212	5	14	50	91	3	59	–	3
HOUSE HEATING FUEL										
Utility gas	10	–	10	16	10	11	4	56	32	4
Bottled, tank, or LP gas	8	43	–	–	27	147	4	37	–	4
Electricity	182	540	37	170	227	555	89	377	68	80
Fuel oil, kerosene, etc.	–	14	–	–	–	–	–	–	–	–
All other fuels	24	53	7	9	–	91	18	45	–	18
No fuel used	876	854	336	411	462	500	258	425	115	231
VEHICLES AVAILABLE										
None	171	123	30	34	58	72	32	41	19	18
1	337	353	249	332	336	434	101	292	105	101
2	395	556	87	168	226	425	148	377	50	141
3 or more	197	472	24	72	106	373	92	230	41	77
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	401	178	128	201	232	228	96	215	89	82
1985 to 1988	410	229	160	162	310	231	90	232	27	90
1980 to 1984	109	314	47	81	50	140	47	170	14	40
1970 to 1979	150	394	27	106	83	300	83	190	39	78
1969 or earlier	30	389	28	56	51	405	57	133	46	47
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 064	1 447	390	585	726	1 297	373	914	215	337
1.01 or more	154	318	111	320	–	67	84	385	109	69
Lacking complete plumbing facilities	36	57	–	21	–	7	–	26	–	–
1.01 or more	9	37	–	13	–	–	–	8	–	–
SELECTED FACILITIES										
Water from public system or private company	1 090	1 470	390	606	726	1 294	373	940	210	337
Public sewer	996	1 281	233	326	569	884	340	872	185	308
Lacking complete kitchen facilities	35	51	–	6	–	18	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**65**	**108**	**49**	**110**	**56**	**58**	**32**	**146**	**87**	**28**
Renter occupied	65	60	49	96	56	39	27	140	81	23
Built 1939 or earlier	9	43	–	8	–	–	–	12	–	–
Lacking complete plumbing facilities	9	–	–	15	–	–	–	–	–	–
No vehicle available	41	28	24	8	5	6	4	18	9	–
No telephone in unit	17	19	14	15	–	16	–	–	5	–
1.01 or more persons per room	15	11	37	84	–	–	16	97	65	16
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**41 039**	**41 967**	**42 679**	**30 833**	**37 554**	**42 330**	**40 313**	**38 967**	**36 083**	**37 083**
Owner occupied (dollars)	52 906	45 243	72 541	52 012	37 500	49 327	61 260	46 860	41 641	62 475
Renter occupied (dollars)	35 163	32 708	35 855	19 643	37 586	35 208	20 156	30 913	16 250	20 000
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**232**	**958**	**87**	**208**	**150**	**801**	**193**	**482**	**97**	**166**
With a mortgage	183	600	56	180	77	498	159	424	59	142
Less than $200	–	9	–	8	–	7	–	–	–	–
$200 to $299	6	17	–	–	–	17	–	23	–	–
$300 to $399	–	48	–	7	13	20	11	34	6	11
$400 to $499	–	43	–	39	–	83	–	11	–	–
$500 to $599	5	35	–	5	6	57	–	14	8	–
$600 to $699	28	60	5	12	–	34	6	32	9	6
$700 to $999	8	103	22	25	5	103	79	158	23	62
$1,000 to $1,999	90	232	29	69	41	171	52	152	13	52
$2,000 or more	46	53	–	15	12	6	11	–	–	11
Median (dollars)	1 218	942	1 023	929	1 509	812	964	839	951	942
Not mortgaged	49	358	31	28	73	303	34	58	38	24
Median (dollars)	297	156	454	203	202	166	113	171	131	100–
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**232**	**958**	**87**	**208**	**150**	**801**	**193**	**482**	**97**	**166**
With a mortgage	183	600	56	180	77	498	159	424	59	142
Median	25.3	23.5	19.2	20.5	27.5	16.7	21.8	21.2	19.1	21.9
Not mortgaged	49	358	31	28	73	303	34	58	38	24
Median	10.0–	10.0–	10.0–	10.3	10.0–	10.0–	10.7	10.0–	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**760**	**503**	**293**	**368**	**478**	**429**	**163**	**421**	**118**	**154**
Less than $100	–	24	–	–	6	20	–	10	–	–
$100 to $199	16	45	–	–	27	11	–	47	24	–
$200 to $299	25	19	10	65	15	43	13	23	8	13
$300 to $399	83	32	81	134	27	54	15	15	10	10
$400 to $499	6	62	16	18	10	71	20	54	5	20
$500 to $599	63	31	35	32	36	27	20	77	33	20
$600 to $749	125	59	71	51	59	47	34	78	21	34
$750 to $999	166	117	43	68	193	101	49	87	10	45
$1,000 or more	254	50	25	–	90	24	6	12	–	6
No cash rent	22	64	12	–	15	31	6	18	7	6
Median (dollars)	827	623	598	362	817	500	640	538	515	642
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**760**	**503**	**293**	**368**	**478**	**429**	**163**	**421**	**118**	**154**
Less than 20 percent	253	226	136	118	187	188	18	146	40	13
20 to 24 percent	114	72	32	35	54	70	31	66	–	31
25 to 29 percent	107	37	6	23	51	87	27	38	5	27
30 to 34 percent	9	27	16	32	47	25	10	27	14	10
35 percent or more	247	77	91	160	102	28	71	95	28	67
Not computed	30	64	12	–	37	31	6	49	31	6
Median	24.9	19.6	20.7	31.3	23.1	20.8	31.3	23.0	28.5	31.5

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Makaha CDP				Makakilo City CDP		Makawao CDP		Maunawili CDP	
	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Occupied housing units	**1 046**	**1 165**	**216**	**1 005**	**1 701**	**1 086**	**1 043**	**603**	**752**	**662**
TENURE										
Owner-occupied housing units	441	530	90	416	1 139	953	635	423	609	595
Renter-occupied housing units	605	635	126	589	562	133	408	180	143	67
YEAR STRUCTURE BUILT										
1989 to March 1990	11	14	6	11	–	20	100	51	–	5
1980 to 1988	151	215	41	151	550	246	447	240	18	19
1960 to 1979	752	610	81	723	1 129	788	254	237	535	456
1940 to 1959	118	260	82	112	22	32	113	23	199	178
1939 or earlier	14	66	6	8	–	–	129	52	–	4
HOUSE HEATING FUEL										
Utility gas	32	–	–	32	–	7	–	–	17	–
Bottled, tank, or LP gas	19	49	–	19	–	–	61	32	–	–
Electricity	283	485	105	255	425	507	396	244	174	254
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–
All other fuels	–	6	–	–	29	54	87	20	16	13
No fuel used	712	625	111	699	1 247	518	499	307	545	395
VEHICLES AVAILABLE										
None	85	158	39	81	50	63	26	–	17	–
1	588	391	77	571	376	189	289	134	187	106
2	250	423	70	236	866	455	451	304	313	331
3 or more	123	193	30	117	409	379	277	165	235	225
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	480	160	18	476	541	159	345	188	106	43
1985 to 1988	354	472	128	341	683	354	353	199	212	111
1980 to 1984	90	216	34	73	125	154	102	97	101	55
1970 to 1979	112	145	20	105	238	253	122	79	139	178
1969 or earlier	10	172	16	10	114	166	121	40	194	275
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	1 046	1 143	216	1 005	1 701	1 079	1 043	597	734	662
1.01 or more	191	482	140	174	86	257	81	122	12	30
Lacking complete plumbing facilities	–	22	–	–	–	7	–	6	18	–
1.01 or more	–	8	–	–	–	7	–	–	9	–
SELECTED FACILITIES										
Water from public system or private company	1 046	1 165	216	1 005	1 693	1 086	1 032	603	752	662
Public sewer	873	724	162	844	1 692	1 043	199	47	691	628
Lacking complete kitchen facilities	–	14	–	–	–	15	4	–	18	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**98**	**280**	**53**	**88**	**8**	**35**	**82**	**28**	**19**	**–**
Renter occupied	87	234	45	77	8	8	74	14	9	–
Built 1939 or earlier	8	31	–	8	–	–	20	–	–	–
Lacking complete plumbing facilities	–	8	–	–	–	–	–	–	9	–
No vehicle available	12	113	39	8	–	3	–	–	9	–
No telephone in unit	–	11	–	–	–	–	–	–	9	–
1.01 or more persons per room	–	160	32	–	–	3	7	21	9	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**30 591**	**30 912**	**23 824**	**30 886**	**50 438**	**50 825**	**45 988**	**42 656**	**61 348**	**68 828**
Owner occupied (dollars)	43 477	37 500	41 429	43 906	54 558	52 784	50 961	52 956	65 640	71 108
Renter occupied (dollars)	21 703	21 799	22 273	21 789	40 968	18 958	28 929	30 600	44 531	56 990
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**280**	**486**	**79**	**266**	**919**	**776**	**586**	**382**	**578**	**586**
With a mortgage	254	361	52	247	863	735	451	337	497	531
Less than $200	–	–	–	–	–	–	13	8	–	–
$200 to $299	–	16	–	–	6	5	8	16	–	11
$300 to $399	31	26	7	31	29	16	53	15	30	50
$400 to $499	18	62	24	11	33	4	47	15	31	13
$500 to $599	28	31	–	28	36	48	10	6	13	22
$600 to $699	23	36	–	23	63	10	–	8	27	48
$700 to $999	78	65	6	78	128	118	55	81	42	83
$1,000 to $1,999	76	125	15	76	513	521	260	175	240	284
$2,000 or more	–	–	–	–	55	13	5	13	114	20
Median (dollars)	738	754	472	742	1 283	1 212	1 100	1 064	1 445	1 116
Not mortgaged	26	125	27	19	56	41	135	45	81	55
Median (dollars)	134	201	225	125	184	182	137	139	186	192
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**280**	**486**	**79**	**266**	**919**	**776**	**586**	**382**	**578**	**586**
With a mortgage	254	361	52	247	863	735	451	337	497	531
Median	19.3	23.2	23.3	19.6	25.7	27.4	21.8	25.2	25.0	17.8
Not mortgaged	26	125	27	19	56	41	135	45	81	55
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**605**	**629**	**126**	**589**	**554**	**133**	**404**	**180**	**143**	**58**
Less than $100	–	–	11	–	–	–	–	–	–	–
$100 to $199	–	16	–	–	–	–	9	–	–	–
$200 to $299	26	39	6	20	–	–	–	–	–	–
$300 to $399	19	49	–	19	–	4	21	–	–	6
$400 to $499	63	67	35	53	6	–	7	–	9	–
$500 to $599	123	160	52	123	–	–	23	29	–	–
$600 to $749	232	150	11	232	14	9	46	25	–	–
$750 to $999	72	95	11	72	253	85	226	45	29	15
$1,000 or more	64	11	–	64	273	15	48	45	87	30
No cash rent	6	42	–	6	8	20	24	36	18	7
Median (dollars)	654	555	523	658	1 000	878	843	850	1 282	1 150
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**605**	**629**	**126**	**589**	**554**	**133**	**404**	**180**	**143**	**58**
Less than 20 percent	125	150	6	119	65	13	132	21	11	6
20 to 24 percent	53	125	56	53	62	31	38	11	21	24
25 to 29 percent	54	62	11	54	117	–	20	28	19	8
30 to 34 percent	47	27	–	47	71	6	13	8	20	6
35 percent or more	300	223	53	290	231	60	152	76	54	7
Not computed	26	42	–	26	8	23	49	36	18	7
Median	35.8	26.5	25.5	35.7	32.0	50.0+	26.9	36.1	32.9	24.1

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Mountain View CDP		Nanakuli CDP				Napili-Honokowai CDP		Pukalani CDP	
	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	White	Asian or Pacific Islander	White	Asian or Pacific Islander
Occupied housing units	**633**	**470**	**395**	**1 553**	**172**	**358**	**1 305**	**393**	**861**	**952**
TENURE										
Owner-occupied housing units	475	335	197	985	92	168	449	214	474	720
Renter-occupied housing units	158	135	198	568	80	190	856	179	387	232
YEAR STRUCTURE BUILT										
1989 to March 1990	20	2	7	9	4	7	99	18	46	38
1980 to 1988	351	240	42	212	19	37	443	151	361	271
1960 to 1979	138	151	279	915	93	255	720	200	394	544
1940 to 1959	62	21	45	282	51	37	43	9	54	78
1939 or earlier	62	56	22	135	5	22	–	15	6	21
HOUSE HEATING FUEL										
Utility gas	–	–	25	69	7	25	–	7	–	11
Bottled, tank, or LP gas	123	90	–	40	16	–	–	5	36	61
Electricity	55	79	113	732	69	98	277	152	323	473
Fuel oil, kerosene, etc.	18	–	–	–	–	–	–	–	–	–
All other fuels	133	16	7	20	–	7	25	17	28	33
No fuel used	304	285	250	692	80	228	1 003	212	474	374
VEHICLES AVAILABLE										
None	26	30	21	140	11	21	47	14	30	25
1	300	140	165	502	69	159	744	136	161	244
2	227	267	134	549	49	119	407	164	469	344
3 or more	80	33	75	362	43	59	107	79	201	339
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	136	93	111	188	15	111	640	140	237	118
1985 to 1988	251	140	149	294	68	123	393	123	300	278
1980 to 1984	140	89	59	269	37	54	111	42	84	122
1970 to 1979	69	97	64	431	32	64	141	64	154	224
1969 or earlier	37	51	12	371	20	6	20	24	86	210
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	508	424	395	1 529	172	358	1 305	393	861	952
1.01 or more	33	67	66	634	59	58	107	131	112	129
Lacking complete plumbing facilities	125	46	–	24	–	–	–	–	–	–
1.01 or more	31	29	–	24	–	–	–	–	–	–
SELECTED FACILITIES										
Water from public system or private company	187	215	395	1 553	172	358	1 305	388	861	944
Public sewer	10	–	272	733	108	246	1 238	374	363	331
Lacking complete kitchen facilities	82	17	–	16	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**164**	**87**	**65**	**352**	**54**	**59**	**51**	**14**	**36**	**52**
Renter occupied	58	57	55	252	34	55	51	7	30	9
Built 1939 or earlier	5	22	11	55	5	11	–	–	–	–
Lacking complete plumbing facilities	61	25	–	8	–	–	–	–	–	–
No vehicle available	11	–	8	64	8	8	–	–	3	5
No telephone in unit	70	17	17	111	14	11	–	–	9	–
1.01 or more persons per room	16	17	26	141	20	26	–	–	20	15
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**20 677**	**20 395**	**31 042**	**35 203**	**32 692**	**25 909**	**38 032**	**43 375**	**42 235**	**44 800**
Owner occupied (dollars)	24 297	25 380	34 625	46 299	41 136	34 348	37 321	44 583	46 528	52 776
Renter occupied (dollars)	15 526	11 010	22 656	16 591	13 500	21 000	38 242	42 321	34 440	28 534
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**392**	**297**	**145**	**891**	**88**	**116**	**187**	**159**	**439**	**691**
With a mortgage	157	121	122	567	62	106	136	107	357	488
Less than $200	5	–	–	–	–	–	–	–	16	5
$200 to $299	11	–	5	75	–	5	9	7	–	8
$300 to $399	16	36	23	130	10	18	–	24	8	17
$400 to $499	33	16	6	136	6	6	8	19	52	70
$500 to $599	27	19	–	57	–	–	14	–	27	41
$600 to $699	27	11	15	38	–	15	–	8	25	35
$700 to $999	36	23	68	98	38	57	15	16	53	94
$1,000 to $1,999	2	16	5	33	8	5	43	33	133	196
$2,000 or more	–	–	–	–	–	–	47	–	43	22
Median (dollars)	548	572	882	446	857	868	1 359	672	995	905
Not mortgaged	235	176	23	324	26	10	51	52	82	203
Median (dollars)	100–	100–	139	134	109	225	494	181	206	165
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**392**	**297**	**145**	**891**	**88**	**116**	**187**	**159**	**439**	**691**
With a mortgage	157	121	122	567	62	106	136	107	357	488
Median	20.4	22.1	27.6	14.7	19.3	30.0	26.2	22.4	24.6	20.8
Not mortgaged	235	176	23	324	26	10	51	52	82	203
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**135**	**122**	**198**	**546**	**80**	**190**	**856**	**179**	**387**	**232**
Less than $100	3	–	–	8	–	–	–	–	–	–
$100 to $199	18	–	7	5	–	7	–	–	8	9
$200 to $299	13	14	8	63	15	8	–	–	–	–
$300 to $399	10	14	12	51	–	12	–	–	–	14
$400 to $499	38	33	23	58	3	23	15	22	9	–
$500 to $599	20	34	32	49	27	24	31	11	8	55
$600 to $749	7	10	41	128	19	41	185	30	77	60
$750 to $999	–	–	62	145	8	62	363	55	181	49
$1,000 or more	–	–	13	14	8	13	215	52	76	17
No cash rent	26	17	–	25	–	–	47	9	28	28
Median (dollars)	416	419	713	619	589	719	869	850	857	668
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**135**	**122**	**198**	**546**	**80**	**190**	**856**	**179**	**387**	**232**
Less than 20 percent	47	11	50	88	11	42	161	55	95	51
20 to 24 percent	2	–	28	94	22	28	132	36	68	41
25 to 29 percent	–	33	18	45	–	18	99	25	34	50
30 to 34 percent	14	9	19	15	–	19	120	31	12	18
35 percent or more	39	52	76	267	40	76	297	23	150	44
Not computed	33	17	7	37	7	7	47	9	28	28
Median	30.7	34.7	29.9	36.7	38.5	30.9	30.5	24.2	27.4	26.0

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Pupukea CDP		Village Park CDP		Waialua CDP	Waianae CDP				Waihee-Waiehue CDP
	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Asian or Pacific Islander	White	Asian or Pacific Islander	Hispanic origin (of any race)	White, not of Hispanic origin	Asian or Pacific Islander
Occupied housing units	**959**	**338**	**569**	**1 394**	**809**	**592**	**1 481**	**183**	**541**	**773**
TENURE										
Owner-occupied housing units	408	218	374	1 285	539	331	935	74	314	645
Renter-occupied housing units	551	120	195	109	270	261	546	109	227	128
YEAR STRUCTURE BUILT										
1989 to March 1990	33	–	99	196	10	10	7	–	10	19
1980 to 1988	259	67	412	1 048	72	66	226	24	66	380
1960 to 1979	506	219	58	150	360	362	952	115	322	284
1940 to 1959	130	29	–	–	233	126	231	44	115	41
1939 or earlier	31	23	–	–	134	28	65	–	28	49
HOUSE HEATING FUEL										
Utility gas	–	14	–	–	–	–	31	–	–	–
Bottled, tank, or LP gas	19	11	–	–	35	–	11	–	–	19
Electricity	323	162	230	822	334	191	579	83	174	369
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–	–
All other fuels	8	–	45	41	36	6	42	6	–	78
No fuel used	609	151	294	531	404	395	818	94	367	307
VEHICLES AVAILABLE										
None	17	20	–	–	101	60	158	15	60	28
1	301	108	99	211	243	122	451	67	111	109
2	493	122	312	823	250	250	537	77	222	363
3 or more	148	88	158	360	215	160	335	24	148	273
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	304	39	233	350	71	147	181	58	130	110
1985 to 1988	334	85	264	773	120	111	414	51	100	282
1980 to 1984	144	57	58	201	55	121	194	32	116	112
1970 to 1979	126	90	14	70	201	160	476	30	142	161
1969 or earlier	51	67	–	–	362	53	216	12	53	108
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	959	326	569	1 394	772	592	1 451	183	541	773
1.01 or more	59	141	64	341	184	139	513	79	122	223
Lacking complete plumbing facilities	–	12	–	–	37	–	30	–	–	–
1.01 or more	–	–	–	–	37	–	18	–	–	–
SELECTED FACILITIES										
Water from public system or private company	959	333	569	1 394	802	592	1 481	183	541	773
Public sewer	153	45	569	1 383	105	480	1 024	136	446	587
Lacking complete kitchen facilities	40	15	–	–	39	–	20	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**61**	**39**	**20**	**18**	**61**	**72**	**313**	**37**	**66**	**12**
Renter occupied	31	34	20	10	50	66	260	31	66	12
Built 1939 or earlier	–	12	–	–	–	–	4	–	–	–
Lacking complete plumbing facilities	–	12	–	–	7	–	12	–	–	–
No vehicle available	10	12	–	–	15	39	78	9	39	9
No telephone in unit	–	12	–	–	8	17	58	–	17	3
1.01 or more persons per room	–	27	–	–	24	36	130	21	36	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**39 291**	**37 125**	**49 638**	**57 300**	**38 286**	**40 000**	**31 713**	**25 313**	**39 826**	**47 652**
Owner occupied (dollars)	46 786	61 021	53 756	58 125	48 125	48 812	39 375	40 556	49 125	50 386
Renter occupied (dollars)	35 485	20 263	42 679	47 417	26 583	20 250	14 375	21 012	19 567	28 333
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**363**	**202**	**360**	**1 157**	**539**	**268**	**826**	**68**	**257**	**611**
With a mortgage	281	139	352	1 126	250	251	615	56	240	494
Less than $200	–	–	–	–	–	7	–	5	7	7
$200 to $299	–	8	–	–	19	5	24	–	5	6
$300 to $399	–	5	–	–	35	–	123	8	–	32
$400 to $499	20	8	–	–	–	26	171	6	26	23
$500 to $599	7	22	–	–	22	48	86	4	48	42
$600 to $699	8	10	–	–	21	22	42	5	17	33
$700 to $999	10	19	9	74	58	24	39	12	18	110
$1,000 to $1,999	167	60	321	976	95	119	110	9	119	217
$2,000 or more	69	7	22	76	–	–	20	7	–	24
Median (dollars)	1 598	884	1 557	1 596	742	891	489	700	990	986
Not mortgaged	82	63	8	31	289	17	211	12	17	117
Median (dollars)	188	164	175	166	120	142	150	175	142	129
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**363**	**202**	**360**	**1 157**	**539**	**268**	**826**	**68**	**257**	**611**
With a mortgage	281	139	352	1 126	250	251	615	56	240	494
Median	35.3	17.6	36.5	32.0	18.0	19.7	15.9	26.7	20.4	22.4
Not mortgaged	82	63	8	31	289	17	211	12	17	117
Median	12.0	10.0–	12.5	10.0–	10.0–	10.0–	10.0–	10.0	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**522**	**120**	**195**	**109**	**270**	**261**	**535**	**109**	**227**	**128**
Less than $100	–	12	–	–	67	13	36	15	13	3
$100 to $199	–	–	–	–	43	9	70	10	9	4
$200 to $299	–	15	–	–	14	8	22	6	8	11
$300 to $399	10	10	–	–	11	–	81	10	–	–
$400 to $499	45	14	–	–	25	46	56	10	41	12
$500 to $599	54	7	–	–	29	71	55	12	59	9
$600 to $749	75	11	–	13	20	30	87	15	30	–
$750 to $999	199	24	50	43	35	44	73	31	27	38
$1,000 or more	131	16	145	53	5	16	16	–	16	16
No cash rent	8	11	–	–	21	24	39	–	24	35
Median (dollars)	842	525	1 328	991	327	561	459	565	545	799
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**522**	**120**	**195**	**109**	**270**	**261**	**535**	**109**	**227**	**128**
Less than 20 percent	165	35	30	20	136	71	138	37	55	30
20 to 24 percent	82	–	30	20	19	17	79	16	11	–
25 to 29 percent	54	17	19	21	12	31	22	10	31	25
30 to 34 percent	18	12	17	14	25	17	36	10	17	–
35 percent or more	184	45	99	24	57	101	214	36	89	38
Not computed	19	11	–	10	21	24	46	–	24	35
Median	25.4	31.0	35.2	27.3	18.6	29.9	30.8	25.7	31.3	28.3

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Table 93. **Structural, Social, and Financial Characteristics of Housing Units by Race and Hispanic Origin of Householder: 1990**—Con.

[Threshold and complementary threshold are 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Wailua Homesteads CDP		Waimanalo CDP	Waimanalo Beach CDP	Waimea CDP, Hawaii County		Waipio Acres CDP		Whitmore Village CDP
	White	Asian or Pacific Islander	Asian or Pacific Islander	Asian or Pacific Islander	White	Asian or Pacific Islander	White	Asian or Pacific Islander	Asian or Pacific Islander
Occupied housing units	**672**	**491**	**605**	**699**	**862**	**964**	**775**	**732**	**689**
TENURE									
Owner-occupied housing units	432	388	371	583	451	665	300	600	516
Renter-occupied housing units	240	103	234	116	411	299	475	132	173
YEAR STRUCTURE BUILT									
1989 to March 1990	57	15	–	–	57	15	7	–	48
1980 to 1988	290	215	60	28	331	392	94	230	182
1960 to 1979	256	223	453	306	376	296	605	344	250
1940 to 1959	64	30	75	340	38	119	69	158	141
1939 or earlier	5	8	17	25	60	142	–	–	68
HOUSE HEATING FUEL									
Utility gas	–	–	–	4	8	–	–	26	–
Bottled, tank, or LP gas	45	25	–	3	30	37	–	–	15
Electricity	146	193	261	317	252	297	275	414	432
Fuel oil, kerosene, etc.	–	–	–	–	–	55	–	–	–
All other fuels	31	8	10	11	120	63	5	13	10
No fuel used	450	265	334	364	452	512	495	279	232
VEHICLES AVAILABLE									
None	6	13	42	38	34	16	27	17	53
1	147	86	200	163	254	297	460	221	244
2	361	297	226	180	398	392	222	328	253
3 or more	158	95	137	318	176	259	66	166	139
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	203	88	37	37	304	146	462	107	160
1985 to 1988	258	164	131	65	284	267	206	214	144
1980 to 1984	46	65	138	16	106	195	34	68	91
1970 to 1979	147	144	214	217	124	197	32	129	126
1969 or earlier	18	30	85	364	44	159	41	214	168
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	672	491	605	687	855	960	775	732	689
1.01 or more	5	65	199	274	63	134	79	111	321
Lacking complete plumbing facilities	–	–	–	12	7	4	–	–	–
1.01 or more	–	–	–	12	–	4	–	–	–
SELECTED FACILITIES									
Water from public system or private company	662	491	605	699	862	964	775	732	689
Public sewer	24	11	589	366	109	67	770	726	689
Lacking complete kitchen facilities	16	–	8	–	8	4	6	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**24**	**28**	**80**	**60**	**96**	**72**	**34**	**21**	**31**
Renter occupied	12	13	75	22	60	53	34	6	6
Built 1939 or earlier	–	8	–	–	9	31	–	–	–
Lacking complete plumbing facilities	–	–	–	12	–	4	–	–	–
No vehicle available	6	–	20	12	9	12	–	12	13
No telephone in unit	–	–	–	12	18	20	–	–	–
1.01 or more persons per room	–	9	46	25	9	40	7	–	14
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**41 635**	**48 011**	**41 779**	**50 624**	**37 763**	**35 776**	**28 616**	**46 875**	**44 023**
Owner occupied (dollars)	47 647	59 328	52 567	51 306	48 060	40 224	43 500	49 111	47 200
Renter occupied (dollars)	34 423	25 089	28 571	39 375	31 681	27 472	23 250	31 000	33 015
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**395**	**336**	**321**	**557**	**402**	**580**	**145**	**485**	**434**
With a mortgage	302	287	267	237	309	374	122	360	309
Less than $200	–	–	–	4	–	15	–	6	–
$200 to $299	7	–	6	59	–	18	5	12	28
$300 to $399	–	–	28	87	38	53	–	16	3
$400 to $499	20	24	80	26	43	57	–	13	19
$500 to $599	12	21	32	23	14	35	13	6	5
$600 to $699	12	60	7	17	16	11	6	14	25
$700 to $999	80	48	64	9	92	93	17	65	87
$1,000 to $1,999	150	109	45	12	93	92	69	214	142
$2,000 or more	21	25	5	–	13	–	12	14	–
Median (dollars)	1 111	978	561	359	794	691	1 172	1 158	981
Not mortgaged	93	49	54	320	93	206	23	125	125
Median (dollars)	151	208	185	185	228	173	213	154	142
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**395**	**336**	**321**	**557**	**402**	**580**	**145**	**485**	**434**
With a mortgage	302	287	267	237	309	374	122	360	309
Median	26.3	21.2	15.0	13.8	23.1	23.2	30.3	27.9	26.7
Not mortgaged	93	49	54	320	93	206	23	125	125
Median	10.0–	11.3	10.0–	10.0–	10.1	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**235**	**103**	**225**	**116**	**401**	**289**	**475**	**132**	**173**
Less than $100	–	–	–	–	–	–	–	–	–
$100 to $199	–	–	14	–	–	20	–	–	6
$200 to $299	5	6	25	–	21	18	4	5	14
$300 to $399	7	–	25	11	9	–	–	–	37
$400 to $499	10	5	71	7	23	31	5	–	16
$500 to $599	22	20	20	8	47	15	19	12	36
$600 to $749	27	11	31	23	69	55	146	58	14
$750 to $999	81	38	14	10	80	60	278	51	43
$1,000 or more	78	13	19	25	106	51	23	–	7
No cash rent	5	10	6	32	46	39	–	6	–
Median (dollars)	886	780	446	635	777	683	807	721	548
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**235**	**103**	**225**	**116**	**401**	**289**	**475**	**132**	**173**
Less than 20 percent	79	18	81	48	87	89	35	30	76
20 to 24 percent	31	13	27	11	40	49	34	16	28
25 to 29 percent	–	5	41	11	47	31	28	–	–
30 to 34 percent	18	4	8	–	26	28	55	36	19
35 percent or more	102	53	56	14	145	53	318	44	50
Not computed	5	10	12	32	56	39	5	6	–
Median	31.4	41.3	24.7	18.3	29.8	23.7	44.3	32.4	21.9

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Ahuimanu CDP				Aiea CDP			Aliamanu CDP	Captain Cook CDP
	All Asian	Japanese	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Asian	All Asian
Occupied housing units	**1 056**	**610**	**312**	**271**	**1 648**	**305**	**1 066**	**221**	**408**
TENURE									
Owner-occupied housing units	956	561	180	160	1 469	247	986	11	312
Renter-occupied housing units	100	49	132	111	179	58	80	210	96
YEAR STRUCTURE BUILT									
1989 to March 1990	6	–	21	15	28	–	23	–	20
1980 to 1988	301	143	81	81	134	35	56	35	64
1960 to 1979	662	396	149	114	669	156	448	178	158
1940 to 1959	79	63	49	49	618	85	376	8	98
1939 or earlier	8	8	12	12	199	29	163	–	68
HOUSE HEATING FUEL									
Utility gas	–	–	–	–	11	–	11	8	–
Bottled, tank, or LP gas	8	–	–	–	8	8	–	–	15
Electricity	505	294	158	131	901	173	578	153	57
Fuel oil, kerosene, etc.	–	–	–	–	7	–	7	–	–
All other fuels	8	8	17	11	42	10	27	–	–
No fuel used	535	308	137	129	679	114	443	60	336
VEHICLES AVAILABLE									
None	9	9	26	26	90	5	75	–	–
1	190	138	97	80	377	54	237	59	77
2	474	262	126	114	576	63	441	129	173
3 or more	383	201	63	51	605	183	313	33	158
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	100	65	86	76	114	13	75	91	26
1985 to 1988	291	145	137	112	113	40	58	97	72
1980 to 1984	214	117	44	38	161	47	88	33	85
1970 to 1979	331	203	13	13	346	119	200	–	96
1969 or earlier	120	80	32	32	914	86	645	–	129
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	1 056	610	307	266	1 641	298	1 066	221	383
1.01 or more	129	42	77	54	155	88	54	61	36
Lacking complete plumbing facilities	–	–	5	5	7	7	–	–	25
1.01 or more	–	–	5	5	–	–	–	–	6
SELECTED FACILITIES									
Water from public system or private company	1 056	610	312	271	1 648	305	1 066	221	382
Public sewer	834	483	227	209	1 582	300	1 025	221	10
Lacking complete kitchen facilities	–	–	–	–	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**14**	**–**	**12**	**12**	**33**	**21**	**12**	**8**	**10**
Renter occupied	14	–	12	12	18	10	8	8	10
Built 1939 or earlier	–	–	12	12	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	–	7	7	–	–	–
No vehicle available	–	–	12	12	13	5	8	–	–
No telephone in unit	–	–	–	–	5	5	–	–	–
1.01 or more persons per room	14	–	–	–	9	9	–	8	–
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**61 603**	**60 814**	**49 205**	**49 097**	**55 000**	**63 492**	**53 230**	**31 106**	**48 654**
Owner occupied (dollars)	62 577	62 591	61 955	61 728	59 508	68 015	54 232	77 197	53 856
Renter occupied (dollars)	28 654	21 850	46 500	48 125	40 650	37 885	43 333	30 577	32 500
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**798**	**447**	**151**	**131**	**1 339**	**203**	**918**	**11**	**287**
With a mortgage	717	396	124	104	748	161	491	11	191
Less than $200	–	–	–	–	–	–	–	–	7
$200 to $299	–	–	–	–	45	–	45	–	5
$300 to $399	31	21	–	–	69	8	56	–	8
$400 to $499	67	50	–	–	41	15	26	–	22
$500 to $599	56	31	–	–	86	24	41	–	13
$600 to $699	38	21	–	–	35	10	25	–	12
$700 to $999	83	52	29	29	105	33	66	–	66
$1,000 to $1,999	376	194	76	56	282	65	153	–	50
$2,000 or more	66	27	19	19	85	6	79	11	8
Median (dollars)	1 158	1 061	1 192	1 134	981	930	948	2 000+	808
Not mortgaged	81	51	27	27	591	42	427	–	96
Median (dollars)	229	242	202	202	176	181	171	–	126
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**798**	**447**	**151**	**131**	**1 339**	**203**	**918**	**11**	**287**
With a mortgage	717	396	124	104	748	161	491	11	191
Median	23.7	21.8	30.0	30.7	16.7	16.3	16.5	50.0+	16.9
Not mortgaged	81	51	27	27	591	42	427	–	96
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**100**	**49**	**132**	**111**	**179**	**58**	**80**	**202**	**70**
Less than $100	–	–	–	–	–	–	–	–	3
$100 to $199	–	–	–	–	–	–	–	–	–
$200 to $299	–	–	–	–	8	8	–	–	5
$300 to $399	–	–	–	–	9	9	–	–	22
$400 to $499	17	7	–	–	32	–	11	–	4
$500 to $599	–	–	29	12	23	8	15	–	4
$600 to $749	12	12	27	27	12	8	4	11	6
$750 to $999	33	12	41	41	24	8	16	–	–
$1,000 or more	20	–	35	31	10	–	10	10	–
No cash rent	18	18	–	–	61	17	24	181	26
Median (dollars)	841	715	811	851	528	522	675	748	366
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**100**	**49**	**132**	**111**	**179**	**58**	**80**	**202**	**70**
Less than 20 percent	29	6	41	41	75	19	35	–	34
20 to 24 percent	–	–	7	7	8	8	–	–	4
25 to 29 percent	21	14	31	14	4	4	–	11	6
30 to 34 percent	5	5	7	7	10	5	5	10	–
35 percent or more	27	6	46	42	21	5	16	–	–
Not computed	18	18	–	–	61	17	24	181	26
Median	27.9	28.4	27.9	27.7	15.6	20.9	17.5	29.8	10.0–

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Ewa Villages CDP		Haiku-Pauwela CDP	Hanamaulu CDP		Hauula CDP		Heeia CDP	
	All Asian	Filipino	All Asian	All Asian	Filipino	All Pacific Islander	Hawaiian	All Asian	Japanese
Occupied housing units	**756**	**508**	**326**	**634**	**458**	**399**	**310**	**675**	**516**
TENURE									
Owner-occupied housing units	503	332	227	528	400	191	148	646	504
Renter-occupied housing units	253	176	99	106	58	208	162	29	12
YEAR STRUCTURE BUILT									
1989 to March 1990	23	23	6	8	8	10	–	–	–
1980 to 1988	317	212	104	75	61	57	46	49	25
1960 to 1979	17	13	122	419	334	235	178	588	479
1940 to 1959	242	166	48	115	55	65	65	38	12
1939 or earlier	157	94	46	17	–	32	21	–	–
HOUSE HEATING FUEL									
Utility gas	22	18	–	60	49	–	–	–	–
Bottled, tank, or LP gas	11	11	36	124	100	14	8	–	–
Electricity	560	375	139	223	149	214	177	317	224
Fuel oil, kerosene, etc.	–	–	–	9	–	–	–	–	–
All other fuels	–	–	6	32	21	–	–	–	–
No fuel used	163	104	145	186	139	171	125	358	292
VEHICLES AVAILABLE									
None	72	22	24	29	19	22	22	4	–
1	138	95	57	106	70	156	115	137	117
2	290	190	148	286	199	163	132	248	192
3 or more	256	201	97	213	170	58	41	286	207
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	51	39	46	31	27	98	71	37	32
1985 to 1988	354	223	57	88	50	95	70	107	66
1980 to 1984	68	59	55	40	40	80	63	60	42
1970 to 1979	120	93	76	218	185	65	45	232	175
1969 or earlier	163	94	92	257	156	61	61	239	201
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	756	508	315	625	449	386	297	675	516
1.01 or more	297	245	43	176	167	209	149	41	33
Lacking complete plumbing facilities	–	–	11	9	9	13	13	–	–
1.01 or more	–	–	–	–	–	–	–	–	–
SELECTED FACILITIES									
Water from public system or private company	749	508	318	618	442	399	310	675	516
Public sewer	648	426	12	584	425	46	24	586	472
Lacking complete kitchen facilities	–	–	–	9	9	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**24**	**11**	**15**	**30**	**26**	**57**	**38**	**10**	**7**
Renter occupied	17	11	8	13	9	45	26	3	–
Built 1939 or earlier	–	–	7	–	–	3	3	–	–
Lacking complete plumbing facilities	–	–	–	9	9	13	13	–	–
No vehicle available	13	–	15	15	15	7	7	–	–
No telephone in unit	–	–	–	–	–	–	–	–	–
1.01 or more persons per room	–	–	–	4	–	25	6	–	–
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**38 214**	**39 821**	**38 750**	**39 444**	**40 769**	**34 926**	**34 559**	**67 778**	**66 774**
Owner occupied (dollars)	38 482	38 393	39 440	37 326	39 286	40 547	40 781	69 378	67 446
Renter occupied (dollars)	34 750	42 813	30 208	51 722	47 143	30 682	32 273	21 806	20 625
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**469**	**298**	**194**	**464**	**352**	**179**	**136**	**604**	**474**
With a mortgage	410	275	114	241	199	140	97	552	436
Less than $200	10	10	–	32	8	–	–	–	–
$200 to $299	13	–	21	23	23	–	–	13	13
$300 to $399	42	29	12	42	37	9	–	18	18
$400 to $499	47	25	14	34	34	–	–	23	17
$500 to $599	51	36	8	–	–	5	5	37	37
$600 to $699	50	42	6	26	19	9	3	12	6
$700 to $999	129	90	27	51	45	56	34	154	140
$1,000 to $1,999	63	43	26	33	33	52	46	215	166
$2,000 or more	5	–	–	–	–	9	9	80	39
Median (dollars)	691	694	617	469	493	975	1 086	1 097	923
Not mortgaged	59	23	80	223	153	39	39	52	38
Median (dollars)	128	125	132	148	173	146	146	180	175
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**469**	**298**	**194**	**464**	**352**	**179**	**136**	**604**	**474**
With a mortgage	410	275	114	241	199	140	97	552	436
Median	21.2	20.1	21.8	14.3	20.2	21.8	27.5	18.4	17.7
Not mortgaged	59	23	80	223	153	39	39	52	38
Median	10.0–	10.0–	10.0–	10.0–	10.0–	11.7	11.7	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**247**	**170**	**92**	**106**	**58**	**208**	**162**	**29**	**12**
Less than $100	74	45	–	–	–	–	–	–	–
$100 to $199	121	73	–	9	5	–	–	–	–
$200 to $299	26	26	14	4	–	–	–	–	–
$300 to $399	6	6	12	10	5	–	–	–	–
$400 to $499	–	–	8	20	9	35	24	–	–
$500 to $599	–	–	5	14	14	18	9	–	–
$600 to $749	–	–	6	–	–	56	56	5	5
$750 to $999	–	–	9	18	4	77	61	–	–
$1,000 or more	–	–	–	13	9	10	–	12	3
No cash rent	20	20	38	18	12	12	12	12	4
Median (dollars)	119	119	428	510	540	695	682	1 292	640
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**247**	**170**	**92**	**106**	**58**	**208**	**162**	**29**	**12**
Less than 20 percent	216	139	19	52	24	51	35	–	–
20 to 24 percent	–	–	–	5	–	30	30	3	3
25 to 29 percent	–	–	6	–	–	32	32	4	–
30 to 34 percent	–	–	20	4	4	11	6	–	–
35 percent or more	5	5	9	27	18	72	47	10	5
Not computed	26	26	38	18	12	12	12	12	4
Median	10.0–	10.0–	30.5	15.6	14.4	27.7	26.6	36.5	50.0+

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Kailua CDP, Hawaii County			Kalaheo CDP	Kapaa CDP				
	All Asian	All Pacific Islander	Hawaiian	All Asian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**566**	**501**	**470**	**389**	**1 102**	**511**	**525**	**340**	**318**
TENURE									
Owner-occupied housing units	275	208	196	319	800	356	397	136	130
Renter-occupied housing units	291	293	274	70	302	155	128	204	188
YEAR STRUCTURE BUILT									
1989 to March 1990	23	32	24	5	43	16	27	14	14
1980 to 1988	241	174	159	124	325	192	106	77	77
1960 to 1979	238	264	256	152	398	188	183	127	114
1940 to 1959	64	31	31	50	216	55	149	98	89
1939 or earlier	–	–	–	58	120	60	60	24	24
HOUSE HEATING FUEL									
Utility gas	–	–	–	–	13	13	–	–	–
Bottled, tank, or LP gas	28	31	31	67	119	57	53	22	7
Electricity	217	150	138	114	274	117	138	59	56
Fuel oil, kerosene, etc.	–	–	–	3	–	–	–	10	10
All other fuels	18	7	7	50	67	35	12	13	9
No fuel used	303	313	294	155	629	289	322	236	236
VEHICLES AVAILABLE									
None	64	44	44	12	69	5	64	34	30
1	204	204	201	64	254	129	106	76	73
2	217	152	152	174	497	199	256	150	135
3 or more	81	101	73	139	282	178	99	80	80
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	132	143	135	35	94	61	27	95	95
1985 to 1988	208	184	173	63	353	188	138	109	100
1980 to 1984	70	66	54	79	193	111	82	55	48
1970 to 1979	97	92	92	125	194	102	71	12	12
1969 or earlier	59	16	16	87	268	49	207	69	63
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	566	501	470	389	1 099	508	525	330	308
1.01 or more	108	188	172	72	187	142	30	71	65
Lacking complete plumbing facilities	–	–	–	–	3	3	–	10	10
1.01 or more	–	–	–	–	–	–	–	–	–
SELECTED FACILITIES									
Water from public system or private company	566	501	470	382	1 102	511	525	340	318
Public sewer	268	271	268	19	26	14	12	42	35
Lacking complete kitchen facilities	–	–	–	–	7	7	–	10	10
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**38**	**52**	**52**	**10**	**53**	**21**	**23**	**62**	**55**
Renter occupied	38	41	41	3	20	4	16	55	48
Built 1939 or earlier	–	–	–	3	4	4	–	12	12
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–
No vehicle available	3	8	8	7	11	–	11	20	16
No telephone in unit	15	–	–	–	4	–	4	13	13
1.01 or more persons per room	10	28	28	–	9	–	–	13	13
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**30 682**	**38 393**	**37 857**	**44 966**	**32 200**	**29 688**	**33 671**	**32 012**	**31 768**
Owner occupied (dollars)	43 477	45 638	45 429	44 875	36 136	36 833	38 750	32 012	31 829
Renter occupied (dollars)	21 547	27 054	25 893	45 500	22 448	22 257	21 042	31 250	29 773
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**249**	**171**	**171**	**277**	**740**	**337**	**362**	**121**	**115**
With a mortgage	199	171	171	179	433	294	118	67	61
Less than $200	11	–	–	9	–	–	–	–	–
$200 to $299	–	–	–	13	10	10	–	6	–
$300 to $399	36	7	7	3	39	18	21	–	–
$400 to $499	40	48	48	19	51	36	6	–	–
$500 to $599	12	–	–	14	31	24	7	7	7
$600 to $699	6	9	9	22	51	44	7	–	–
$700 to $999	37	46	46	40	144	76	56	40	40
$1,000 to $1,999	49	61	61	54	100	79	21	5	5
$2,000 or more	8	–	–	5	7	7	–	9	9
Median (dollars)	654	745	745	743	774	809	747	745	853
Not mortgaged	50	–	–	98	307	43	244	54	54
Median (dollars)	179	–	–	142	145	158	140	144	144
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**249**	**171**	**171**	**277**	**740**	**337**	**362**	**121**	**115**
With a mortgage	199	171	171	179	433	294	118	67	61
Median	18.1	21.8	21.8	18.0	22.3	23.5	18.2	32.0	32.7
Not mortgaged	50	–	–	98	307	43	244	54	54
Median	10.0–	–	–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**276**	**293**	**274**	**70**	**299**	**152**	**128**	**190**	**174**
Less than $100	6	–	–	5	4	–	4	–	–
$100 to $199	28	–	–	13	11	7	4	10	3
$200 to $299	13	44	44	17	26	18	8	–	–
$300 to $399	40	23	23	–	48	31	17	26	26
$400 to $499	41	44	44	–	13	–	–	18	18
$500 to $599	66	52	49	–	36	18	18	14	14
$600 to $749	39	34	34	7	53	16	37	47	38
$750 to $999	31	54	54	23	48	39	9	50	50
$1,000 or more	–	42	26	–	24	9	9	5	5
No cash rent	12	–	–	5	36	14	22	20	20
Median (dollars)	505	538	530	293	591	586	655	635	633
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**276**	**293**	**274**	**70**	**299**	**152**	**128**	**190**	**174**
Less than 20 percent	58	104	104	49	77	52	12	47	47
20 to 24 percent	56	32	24	16	25	–	25	24	15
25 to 29 percent	54	38	38	–	46	23	23	21	21
30 to 34 percent	29	29	26	–	13	7	–	18	11
35 percent or more	67	86	78	–	102	56	46	60	60
Not computed	12	4	4	5	36	14	22	20	20
Median	26.7	26.1	25.9	11.9	28.2	28.7	28.5	28.3	28.6

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Kaunakakai CDP			Kekaha CDP		Lahaina CDP				
	All Asian	All Pacific Islander	Hawaiian	All Asian	Filipino	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**400**	**271**	**265**	**582**	**394**	**1 199**	**591**	**527**	**305**	**287**
TENURE										
Owner-occupied housing units	312	156	150	393	240	847	364	431	146	146
Renter-occupied housing units	88	115	115	189	154	352	227	96	159	141
YEAR STRUCTURE BUILT										
1989 to March 1990	25	–	–	–	–	9	–	9	–	–
1980 to 1988	127	106	106	161	136	288	259	29	44	36
1960 to 1979	198	116	110	215	136	574	272	264	172	172
1940 to 1959	50	42	42	105	64	150	33	103	55	45
1939 or earlier	–	7	7	101	58	178	27	122	34	34
HOUSE HEATING FUEL										
Utility gas	–	–	–	37	32	–	–	–	–	–
Bottled, tank, or LP gas	29	32	32	36	30	31	13	–	12	12
Electricity	215	181	181	82	59	451	199	244	89	89
Fuel oil, kerosene, etc.	–	–	–	–	–	14	–	14	–	–
All other fuels	12	12	6	37	17	44	16	28	9	9
No fuel used	144	46	46	390	256	659	363	241	195	177
VEHICLES AVAILABLE										
None	32	44	44	63	37	99	36	43	24	24
1	160	100	100	142	93	274	94	157	79	79
2	147	76	76	170	118	471	255	197	85	77
3 or more	61	51	45	207	146	355	206	130	117	107
YEAR HOUSEHOLDER MOVED INTO UNIT										
1989 to March 1990	68	70	70	54	49	133	102	16	45	37
1985 to 1988	74	70	64	83	74	136	97	39	93	93
1980 to 1984	65	48	48	178	149	261	230	31	53	43
1970 to 1979	117	44	44	134	79	333	129	152	61	61
1969 or earlier	76	39	39	133	43	336	33	289	53	53
PLUMBING FACILITIES BY PERSONS PER ROOM										
Complete plumbing facilities	400	271	265	579	391	1 169	561	527	278	270
1.01 or more	79	89	83	121	116	213	202	11	105	97
Lacking complete plumbing facilities	–	–	–	3	3	30	30	–	27	17
1.01 or more	–	–	–	–	–	10	10	–	27	17
SELECTED FACILITIES										
Water from public system or private company	400	271	265	582	394	1 175	567	527	295	287
Public sewer	260	179	173	76	70	1 024	551	407	257	249
Lacking complete kitchen facilities	–	–	–	–	–	44	44	–	7	7
HOUSEHOLDS BELOW POVERTY LEVEL										
Occupied housing units	**55**	**92**	**92**	**99**	**75**	**97**	**21**	**39**	**11**	**11**
Renter occupied	21	66	66	71	60	49	11	9	11	11
Built 1939 or earlier	–	7	7	11	5	43	–	14	–	–
Lacking complete plumbing facilities	–	–	–	–	–	–	–	–	–	–
No vehicle available	12	37	37	45	26	28	11	9	–	–
No telephone in unit	5	8	8	18	18	19	11	–	–	–
1.01 or more persons per room	12	25	25	14	9	11	11	–	–	–
MEDIAN HOUSEHOLD INCOME IN 1989										
Occupied housing units (dollars)	**26 136**	**20 677**	**20 365**	**29 643**	**29 643**	**39 620**	**45 597**	**29 830**	**53 334**	**51 705**
Owner occupied (dollars)	31 630	36 786	35 714	43 086	43 173	41 094	45 167	35 590	60 285	60 285
Renter occupied (dollars)	16 250	9 037	9 037	12 067	11 563	35 500	45 819	21 875	31 761	30 739
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	**312**	**156**	**150**	**379**	**232**	**812**	**341**	**431**	**146**	**146**
With a mortgage	211	111	105	262	178	495	316	159	105	105
Less than $200	–	–	–	–	–	9	–	9	–	–
$200 to $299	30	6	6	13	–	–	–	–	17	17
$300 to $399	43	20	20	64	34	39	21	18	9	9
$400 to $499	81	15	15	44	37	21	14	7	22	22
$500 to $599	18	11	11	26	21	23	17	6	12	12
$600 to $699	–	20	20	26	19	60	15	38	–	–
$700 to $999	22	39	33	45	29	86	39	34	17	17
$1,000 to $1,999	17	–	–	44	38	204	170	34	28	28
$2,000 or more	–	–	–	–	–	53	40	13	–	–
Median (dollars)	437	622	603	545	590	1 042	1 232	713	538	538
Not mortgaged	101	45	45	117	54	317	25	272	41	41
Median (dollars)	174	140	140	154	146	146	217	140	272	272
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified owner-occupied housing units	**312**	**156**	**150**	**379**	**232**	**812**	**341**	**431**	**146**	**146**
With a mortgage	211	111	105	262	178	495	316	159	105	105
Median	21.8	24.1	24.9	18.7	19.1	27.6	31.1	17.5	11.9	11.9
Not mortgaged	101	45	45	117	54	317	25	272	41	41
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT										
Specified renter-occupied housing units	**88**	**115**	**115**	**189**	**154**	**352**	**227**	**96**	**151**	**133**
Less than $100	–	–	–	26	26	24	24	–	–	–
$100 to $199	19	42	42	44	38	18	9	9	27	17
$200 to $299	22	–	–	28	21	9	–	9	10	10
$300 to $399	25	11	11	37	20	25	7	18	7	7
$400 to $499	7	–	–	8	8	32	24	8	30	30
$500 to $599	–	23	23	28	28	20	20	–	11	11
$600 to $749	10	35	35	4	4	43	35	8	16	16
$750 to $999	–	–	–	5	–	103	74	–	14	14
$1,000 or more	–	–	–	–	–	22	22	–	28	20
No cash rent	5	4	4	9	9	56	12	44	8	8
Median (dollars)	301	509	509	272	240	674	690	325	497	498
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989										
Specified renter-occupied housing units	**88**	**115**	**115**	**189**	**154**	**352**	**227**	**96**	**151**	**133**
Less than 20 percent	25	–	–	45	45	145	133	12	81	63
20 to 24 percent	14	27	27	32	28	58	42	16	14	14
25 to 29 percent	12	28	28	44	26	20	6	14	17	17
30 to 34 percent	11	9	9	14	9	27	23	4	–	–
35 percent or more	21	47	47	45	37	46	11	6	31	31
Not computed	5	4	4	9	9	56	12	44	8	8
Median	26.0	30.3	30.3	26.5	24.9	20.3	16.7	24.4	18.8	19.9

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Laie CDP		Lihue CDP			Maili CDP			
	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Asian	Filipino	All Pacific Islander	Hawaiian
Occupied housing units	**497**	**192**	**1 062**	**305**	**705**	**440**	**287**	**500**	**433**
TENURE									
Owner-occupied housing units	194	95	771	210	528	289	184	224	188
Renter-occupied housing units	303	97	291	95	177	151	103	276	245
YEAR STRUCTURE BUILT									
1989 to March 1990	24	–	64	11	44	–	–	3	3
1980 to 1988	68	37	174	34	130	50	23	78	68
1960 to 1979	350	117	475	177	283	228	165	273	230
1940 to 1959	47	38	263	34	211	149	90	100	86
1939 or earlier	8	–	86	49	37	13	9	46	46
HOUSE HEATING FUEL									
Utility gas	10	–	11	–	11	13	–	43	36
Bottled, tank, or LP gas	–	–	130	70	41	8	8	29	8
Electricity	148	101	458	117	331	151	101	226	194
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–
All other fuels	9	7	60	39	21	31	13	14	14
No fuel used	330	84	403	79	301	237	165	188	181
VEHICLES AVAILABLE									
None	28	8	59	33	26	17	4	24	24
1	263	101	325	63	253	124	68	168	129
2	155	49	337	56	248	135	91	242	235
3 or more	51	34	341	153	178	164	124	66	45
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	154	52	137	36	92	82	82	133	119
1985 to 1988	144	34	201	86	115	99	60	133	123
1980 to 1984	71	35	107	20	67	57	40	113	98
1970 to 1979	91	46	241	107	120	110	70	80	52
1969 or earlier	37	25	376	56	311	92	35	41	41
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	482	192	1 055	305	698	434	281	480	413
1.01 or more	285	104	59	51	8	155	131	230	183
Lacking complete plumbing facilities	15	–	7	–	7	6	6	20	20
1.01 or more	7	–	–	–	–	–	–	8	8
SELECTED FACILITIES									
Water from public system or private company	497	192	1 052	305	695	440	287	500	433
Public sewer	274	80	697	249	429	409	271	463	401
Lacking complete kitchen facilities	6	–	18	18	–	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**86**	**13**	**40**	**–**	**40**	**47**	**43**	**99**	**80**
Renter occupied	72	13	21	–	21	47	43	93	74
Built 1939 or earlier	8	–	–	–	–	4	–	8	8
Lacking complete plumbing facilities	15	–	–	–	–	–	–	–	–
No vehicle available	8	–	6	–	6	4	4	14	14
No telephone in unit	15	–	16	–	16	–	–	–	–
1.01 or more persons per room	78	13	–	–	–	32	32	65	46
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**32 768**	**31 184**	**42 336**	**53 492**	**39 250**	**39 569**	**40 313**	**37 045**	**40 750**
Owner occupied (dollars)	51 721	61 059	50 614	58 378	43 357	51 584	52 982	45 214	45 929
Renter occupied (dollars)	25 164	20 707	29 871	40 163	29 671	35 583	36 917	28 125	31 696
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**164**	**75**	**718**	**198**	**487**	**263**	**158**	**219**	**183**
With a mortgage	149	75	452	153	266	222	150	202	166
Less than $200	8	–	7	–	7	–	–	–	–
$200 to $299	–	–	17	–	17	23	6	–	–
$300 to $399	7	–	20	–	20	12	12	22	22
$400 to $499	22	13	71	19	44	–	–	11	11
$500 to $599	5	5	50	8	42	8	8	6	6
$600 to $699	8	6	34	9	9	27	13	5	5
$700 to $999	25	17	103	39	64	75	58	83	70
$1,000 to $1,999	59	27	150	78	63	77	53	75	52
$2,000 or more	15	7	–	–	–	–	–	–	–
Median (dollars)	948	921	805	1 009	667	818	880	850	815
Not mortgaged	15	–	266	45	221	41	8	17	17
Median (dollars)	225	–	164	186	157	143	125	211	211
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**164**	**75**	**718**	**198**	**487**	**263**	**158**	**219**	**183**
With a mortgage	149	75	452	153	266	222	150	202	166
Median	23.3	20.4	16.0	22.0	13.5	21.1	21.2	21.4	20.1
Not mortgaged	15	–	266	45	221	41	8	17	17
Median	12.5	–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**303**	**97**	**286**	**95**	**172**	**145**	**103**	**276**	**245**
Less than $100	–	–	20	–	20	–	–	10	10
$100 to $199	–	–	11	–	11	–	–	47	40
$200 to $299	31	17	43	43	–	10	4	13	13
$300 to $399	122	32	33	13	11	10	–	5	5
$400 to $499	12	–	71	18	53	8	4	46	39
$500 to $599	25	8	17	–	7	49	49	28	28
$600 to $749	45	28	26	–	26	33	27	45	35
$750 to $999	68	12	23	14	9	17	12	70	63
$1,000 or more	–	–	11	–	11	–	–	12	12
No cash rent	–	–	31	7	24	18	7	–	–
Median (dollars)	397	398	440	377	470	543	549	530	528
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**303**	**97**	**286**	**95**	**172**	**145**	**103**	**276**	**245**
Less than 20 percent	112	27	124	35	80	42	36	104	104
20 to 24 percent	29	8	42	10	22	45	30	21	21
25 to 29 percent	16	6	70	43	27	12	6	26	19
30 to 34 percent	10	–	9	–	9	6	6	21	14
35 percent or more	136	56	10	–	10	22	18	73	63
Not computed	–	–	31	7	24	18	7	31	24
Median	28.3	38.4	20.4	24.5	19.0	22.4	22.0	24.4	21.5

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Makaha CDP				Makakilo City CDP				
	All Asian	Filipino	All Pacific Islander	Hawaiian	All Asian	Filipino	Japanese	All Pacific Islander	Hawaiian
Occupied housing units	**503**	**343**	**662**	**609**	**834**	**415**	**257**	**252**	**240**
TENURE									
Owner-occupied housing units	284	162	246	221	767	402	257	186	174
Renter-occupied housing units	219	181	416	388	67	13	–	66	66
YEAR STRUCTURE BUILT									
1989 to March 1990	6	6	8	8	20	8	–	–	–
1980 to 1988	68	60	147	141	222	107	98	24	12
1960 to 1979	268	147	342	301	574	282	159	214	214
1940 to 1959	130	107	130	124	18	18	–	14	14
1939 or earlier	31	23	35	35	–	–	–	–	–
HOUSE HEATING FUEL									
Utility gas	–	–	–	–	7	7	–	–	–
Bottled, tank, or LP gas	29	13	20	20	–	–	–	–	–
Electricity	246	183	239	239	429	181	150	78	75
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–	–
All other fuels	–	–	6	6	54	26	8	–	–
No fuel used	228	147	397	344	344	201	99	174	165
VEHICLES AVAILABLE									
None	27	27	131	125	31	–	16	32	32
1	207	118	184	162	147	91	36	42	39
2	152	119	271	252	388	175	143	67	67
3 or more	117	79	76	70	268	149	62	111	102
YEAR HOUSEHOLDER MOVED INTO UNIT									
1989 to March 1990	37	32	123	123	155	50	23	4	4
1985 to 1988	186	130	286	252	290	163	105	64	52
1980 to 1984	103	75	113	113	115	58	51	39	39
1970 to 1979	61	38	84	65	154	72	40	99	99
1969 or earlier	116	68	56	56	120	72	38	46	46
PLUMBING FACILITIES BY PERSONS PER ROOM									
Complete plumbing facilities	486	334	657	604	827	408	257	252	240
1.01 or more	195	183	287	259	188	124	43	69	60
Lacking complete plumbing facilities	17	9	5	5	7	7	–	–	–
1.01 or more	8	–	–	–	7	7	–	–	–
SELECTED FACILITIES									
Water from public system or private company	503	343	662	609	834	415	257	252	240
Public sewer	286	175	438	385	791	401	243	252	240
Lacking complete kitchen facilities	9	9	5	5	15	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL									
Occupied housing units	**70**	**49**	**210**	**210**	**28**	**17**	**6**	**7**	**7**
Renter occupied	62	41	172	172	5	–	–	3	3
Built 1939 or earlier	14	6	17	17	–	–	–	–	–
Lacking complete plumbing facilities	8	–	–	–	–	–	–	–	–
No vehicle available	21	21	92	92	–	–	–	3	3
No telephone in unit	–	–	11	11	–	–	–	–	–
1.01 or more persons per room	47	34	113	113	–	–	–	3	3
MEDIAN HOUSEHOLD INCOME IN 1989									
Occupied housing units (dollars)	**34 554**	**35 994**	**24 464**	**23 661**	**51 921**	**54 642**	**53 067**	**49 018**	**48 750**
Owner occupied (dollars)	40 200	41 750	34 605	36 750	53 416	54 523	53 067	51 519	50 979
Renter occupied (dollars)	25 903	30 250	17 250	15 500	19 875	60 158	–	11 190	11 190
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	**265**	**162**	**221**	**196**	**613**	**352**	**180**	**163**	**151**
With a mortgage	172	101	189	164	577	342	154	158	146
Less than $200	–	–	–	–	–	–	–	–	–
$200 to $299	16	7	–	–	5	5	–	–	–
$300 to $399	10	10	16	16	16	16	–	–	–
$400 to $499	25	15	37	18	4	–	–	–	–
$500 to $599	8	8	23	23	16	12	4	32	32
$600 to $699	8	–	28	22	10	4	6	–	–
$700 to $999	51	27	14	14	65	32	33	53	53
$1,000 to $1,999	54	34	71	71	451	273	103	70	61
$2,000 or more	–	–	–	–	10	–	8	3	–
Median (dollars)	806	831	657	719	1 281	1 282	1 328	963	867
Not mortgaged	93	61	32	32	36	10	26	5	5
Median (dollars)	215	181	183	183	178	192	175	275	275
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified owner-occupied housing units	**265**	**162**	**221**	**196**	**613**	**352**	**180**	**163**	**151**
With a mortgage	172	101	189	164	577	342	154	158	146
Median	24.0	21.8	22.4	25.0	28.4	28.8	27.9	23.8	22.9
Not mortgaged	93	61	32	32	36	10	26	5	5
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT									
Specified renter-occupied housing units	**219**	**181**	**410**	**382**	**67**	**13**	**–**	**66**	**66**
Less than $100	–	–	–	–	–	–	–	–	–
$100 to $199	–	–	16	16	–	–	–	–	–
$200 to $299	17	17	22	15	–	–	–	–	–
$300 to $399	17	7	32	32	–	–	–	4	4
$400 to $499	32	25	35	35	–	–	–	–	–
$500 to $599	71	66	89	74	–	–	–	–	–
$600 to $749	37	21	113	113	3	–	–	6	6
$750 to $999	29	29	66	60	52	6	–	33	33
$1,000 or more	–	–	11	11	12	7	–	3	3
No cash rent	16	16	26	26	–	–	–	20	20
Median (dollars)	552	549	580	606	897	1 071	–	848	848
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989									
Specified renter-occupied housing units	**219**	**181**	**410**	**382**	**67**	**13**	**–**	**66**	**66**
Less than 20 percent	69	52	81	74	–	–	–	13	13
20 to 24 percent	63	63	62	62	26	7	–	5	5
25 to 29 percent	17	17	45	30	–	–	–	–	–
30 to 34 percent	–	–	27	21	6	6	–	–	–
35 percent or more	54	33	169	169	32	–	–	28	28
Not computed	16	16	26	26	3	–	–	20	20
Median	22.6	22.4	30.7	32.9	37.5	24.6	–	50.0+	50.0+

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TSF:CENSUS90*92. 07/01/93 20:58:04 UTF:CENSUS90*93. 07/01/93 20:58:04 META:CENSUS90*H2TABLES15. 07/01/93 21:06:19

Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Makawao CDP		Maunawili CDP		Nanakuli CDP			
	All Asian	All Pacific Islander	All Asian	Japanese	All Asian	Filipino	All Pacific Islander	Hawaiian
Occupied housing units	**363**	**240**	**485**	**268**	**420**	**277**	**1 133**	**1 021**
TENURE								
Owner-occupied housing units	256	167	457	268	290	188	695	676
Renter-occupied housing units	107	73	28	–	130	89	438	345
YEAR STRUCTURE BUILT								
1989 to March 1990	32	19	5	–	–	–	9	–
1980 to 1988	134	106	19	4	16	16	196	189
1960 to 1979	155	82	333	177	287	195	628	551
1940 to 1959	23	–	124	83	99	61	183	170
1939 or earlier	19	33	4	4	18	5	117	111
HOUSE HEATING FUEL								
Utility gas	–	–	–	–	8	–	61	55
Bottled, tank, or LP gas	32	–	–	–	8	8	32	25
Electricity	156	88	194	115	220	150	512	456
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–
All other fuels	6	14	13	5	4	4	16	16
No fuel used	169	138	278	148	180	115	512	469
VEHICLES AVAILABLE								
None	–	–	–	–	29	13	111	90
1	60	74	95	46	125	65	377	328
2	221	83	231	133	154	116	395	353
3 or more	82	83	159	89	112	83	250	250
YEAR HOUSEHOLDER MOVED INTO UNIT								
1989 to March 1990	133	55	32	6	50	18	138	109
1985 to 1988	98	101	60	27	57	33	237	237
1980 to 1984	46	51	55	33	48	42	221	164
1970 to 1979	52	27	149	73	156	109	275	249
1969 or earlier	34	6	189	129	109	75	262	262
PLUMBING FACILITIES BY PERSONS PER ROOM								
Complete plumbing facilities	357	240	485	268	420	277	1 109	1 005
1.01 or more	64	58	13	5	105	91	529	486
Lacking complete plumbing facilities	6	–	–	–	–	–	24	16
1.01 or more	–	–	–	–	–	–	24	16
SELECTED FACILITIES								
Water from public system or private company	363	240	485	268	420	277	1 133	1 021
Public sewer	31	16	464	256	196	155	537	459
Lacking complete kitchen facilities	–	–	–	–	8	8	8	8
HOUSEHOLDS BELOW POVERTY LEVEL								
Occupied housing units	**–**	**28**	**–**	**–**	**66**	**44**	**286**	**235**
Renter occupied	–	14	–	–	44	26	208	157
Built 1939 or earlier	–	–	–	–	5	5	50	44
Lacking complete plumbing facilities	–	–	–	–	–	–	8	–
No vehicle available	–	–	–	–	–	–	64	58
No telephone in unit	–	–	–	–	18	–	93	70
1.01 or more persons per room	–	21	–	–	5	5	136	103
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**41 108**	**51 128**	**70 923**	**74 460**	**39 375**	**35 938**	**34 410**	**36 523**
Owner occupied (dollars)	51 642	55 089	73 274	74 460	48 482	51 100	45 779	45 833
Renter occupied (dollars)	27 708	32 250	55 101	–	20 417	14 750	16 364	19 821
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	**247**	**135**	**448**	**268**	**248**	**158**	**643**	**624**
With a mortgage	210	127	398	241	174	113	393	381
Less than $200	8	–	–	–	–	–	–	–
$200 to $299	16	–	6	6	11	7	64	64
$300 to $399	15	–	27	21	22	12	108	108
$400 to $499	8	7	13	6	8	8	128	128
$500 to $599	–	6	4	–	20	13	37	37
$600 to $699	8	–	29	24	34	9	4	4
$700 to $999	38	43	70	40	55	40	43	34
$1,000 to $1,999	104	71	229	135	24	24	9	6
$2,000 or more	13	–	20	9	–	–	–	–
Median (dollars)	1 061	1 069	1 208	1 120	667	819	414	411
Not mortgaged	37	8	50	27	74	45	250	243
Median (dollars)	120	175	180	136	200	255	125	123
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified owner-occupied housing units	**247**	**135**	**448**	**268**	**248**	**158**	**643**	**624**
With a mortgage	210	127	398	241	174	113	393	381
Median	23.3	27.7	19.0	17.5	17.1	17.4	13.0	12.8
Not mortgaged	37	8	50	27	74	45	250	243
Median	10.0–	27.5	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT								
Specified renter-occupied housing units	**107**	**73**	**28**	**–**	**130**	**89**	**416**	**323**
Less than $100	–	–	–	–	5	5	3	3
$100 to $199	–	–	–	–	–	–	5	5
$200 to $299	–	–	–	–	29	23	34	25
$300 to $399	–	–	6	–	–	–	51	39
$400 to $499	–	–	–	–	6	–	52	46
$500 to $599	15	14	–	–	7	7	42	35
$600 to $749	11	14	–	–	40	32	88	82
$750 to $999	22	23	8	–	26	16	119	75
$1,000 or more	28	17	14	–	8	–	6	–
No cash rent	31	5	–	–	9	6	16	13
Median (dollars)	886	815	1 000	–	621	610	617	603
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified renter-occupied housing units	**107**	**73**	**28**	**–**	**130**	**89**	**416**	**323**
Less than 20 percent	–	21	6	–	25	13	63	57
20 to 24 percent	11	–	8	–	23	15	71	57
25 to 29 percent	14	14	8	–	21	21	24	24
30 to 34 percent	8	–	6	–	8	8	7	7
35 percent or more	43	33	–	–	44	26	223	160
Not computed	31	5	–	–	9	6	28	18
Median	43.3	29.6	25.0	–	28.0	28.2	39.0	36.8

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Pukalani CDP		Pupukea CDP	Village Park CDP			Waialua CDP	
	All Asian	Japanese	All Asian	All Asian	Filipino	Japanese	All Asian	Filipino
Occupied housing units	**761**	**519**	**247**	**1 176**	**460**	**579**	**752**	**347**
TENURE								
Owner-occupied housing units	585	402	176	1 113	423	553	520	251
Renter-occupied housing units	176	117	71	63	37	26	232	96
YEAR STRUCTURE BUILT								
1989 to March 1990	32	16	–	170	61	92	10	10
1980 to 1988	232	148	64	897	345	438	57	18
1960 to 1979	407	270	141	109	54	49	348	216
1940 to 1959	69	64	19	–	–	–	224	72
1939 or earlier	21	21	23	–	–	–	113	31
HOUSE HEATING FUEL								
Utility gas	3	3	14	–	–	–	–	–
Bottled, tank, or LP gas	46	22	11	–	–	–	35	35
Electricity	372	246	124	690	281	346	328	168
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–	–
All other fuels	29	23	–	41	18	16	36	18
No fuel used	311	225	98	445	161	217	353	126
VEHICLES AVAILABLE								
None	20	15	20	–	–	–	101	43
1	204	147	66	171	54	111	210	82
2	268	184	95	717	232	370	250	108
3 or more	269	173	66	288	174	98	191	114
YEAR HOUSEHOLDER MOVED INTO UNIT								
1989 to March 1990	97	68	25	282	103	141	56	40
1985 to 1988	223	138	58	658	270	318	99	32
1980 to 1984	88	50	50	187	71	87	44	7
1970 to 1979	178	108	72	49	16	33	201	167
1969 or earlier	175	155	42	–	–	–	352	101
PLUMBING FACILITIES BY PERSONS PER ROOM								
Complete plumbing facilities	761	519	235	1 176	460	579	715	310
1.01 or more	93	16	89	288	198	57	179	129
Lacking complete plumbing facilities	–	–	12	–	–	–	37	37
1.01 or more	–	–	–	–	–	–	37	37
SELECTED FACILITIES								
Water from public system or private company	753	511	242	1 176	460	579	745	340
Public sewer	265	164	36	1 171	460	579	90	44
Lacking complete kitchen facilities	–	–	12	–	–	–	39	39
HOUSEHOLDS BELOW POVERTY LEVEL								
Occupied housing units	**37**	**22**	**17**	**8**	**–**	**8**	**61**	**18**
Renter occupied	9	9	12	–	–	–	50	7
Built 1939 or earlier	–	–	12	–	–	–	–	–
Lacking complete plumbing facilities	–	–	12	–	–	–	7	7
No vehicle available	5	5	12	–	–	–	15	–
No telephone in unit	–	–	12	–	–	–	8	–
1.01 or more persons per room	7	–	5	–	–	–	24	7
MEDIAN HOUSEHOLD INCOME IN 1989								
Occupied housing units (dollars)	**45 197**	**40 163**	**36 687**	**57 173**	**62 110**	**55 971**	**38 402**	**39 840**
Owner occupied (dollars)	51 307	47 813	57 403	57 083	62 170	55 849	43 636	47 679
Renter occupied (dollars)	28 214	26 812	21 645	57 987	61 565	56 598	26 750	33 750
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	**556**	**379**	**160**	**997**	**369**	**496**	**520**	**251**
With a mortgage	368	215	103	966	369	473	241	172
Less than $200	5	5	–	–	–	–	–	–
$200 to $299	–	–	8	–	–	–	19	19
$300 to $399	17	17	5	–	–	–	35	28
$400 to $499	57	36	8	–	–	–	–	–
$500 to $599	21	7	22	–	–	–	22	22
$600 to $699	21	15	–	–	–	–	21	12
$700 to $999	70	25	8	74	22	46	58	24
$1,000 to $1,999	155	95	45	847	332	419	86	67
$2,000 or more	22	15	7	45	15	8	–	–
Median (dollars)	938	1 017	1 009	1 574	1 602	1 518	736	710
Not mortgaged	188	164	57	31	–	23	279	79
Median (dollars)	161	163	157	166	–	175	119	129
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified owner-occupied housing units	**556**	**379**	**160**	**997**	**369**	**496**	**520**	**251**
With a mortgage	368	215	103	966	369	473	241	172
Median	21.3	22.1	18.0	31.8	30.1	31.9	18.1	17.5
Not mortgaged	188	164	57	31	–	23	279	79
Median	10.0–	10.0–	10.0–	10.0–	–	10.0–	10.0–	10.0–
GROSS RENT								
Specified renter-occupied housing units	**176**	**117**	**71**	**63**	**37**	**26**	**232**	**96**
Less than $100	–	–	12	–	–	–	67	12
$100 to $199	9	9	–	–	–	–	43	28
$200 to $299	–	–	15	–	–	–	14	7
$300 to $399	14	14	–	–	–	–	11	6
$400 to $499	–	–	14	–	–	–	19	8
$500 to $599	31	20	–	–	–	–	17	–
$600 to $749	54	34	–	6	–	6	20	14
$750 to $999	26	18	13	29	16	13	20	–
$1,000 or more	14	8	6	28	21	7	–	–
No cash rent	28	14	11	–	–	–	21	21
Median (dollars)	666	660	430	970	1 119	885	170	179
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989								
Specified renter-occupied housing units	**176**	**117**	**71**	**63**	**37**	**26**	**232**	**96**
Less than 20 percent	43	23	21	13	7	6	136	61
20 to 24 percent	28	24	–	20	14	6	7	7
25 to 29 percent	34	13	14	7	–	7	7	7
30 to 34 percent	10	10	12	7	–	7	25	–
35 percent or more	33	33	13	16	16	–	36	–
Not computed	28	14	11	–	–	–	21	21
Median	25.4	26.7	28.2	24.6	24.1	25.7	16.4	13.8

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Waianae CDP				Waihee-Waiehue CDP		Wailua Homesteads CDP
	All Asian	Filipino	All Pacific Islander	Hawaiian	All Asian	Filipino	All Asian
Occupied housing units	**635**	**321**	**846**	**787**	**592**	**303**	**390**
TENURE							
Owner-occupied housing units	411	193	524	511	505	281	338
Renter-occupied housing units	224	128	322	276	87	22	52
YEAR STRUCTURE BUILT							
1989 to March 1990	7	–	–	–	19	6	15
1980 to 1988	58	47	168	168	292	164	171
1960 to 1979	399	233	553	494	226	120	174
1940 to 1959	152	35	79	79	33	5	22
1939 or earlier	19	6	46	46	22	8	8
HOUSE HEATING FUEL							
Utility gas	25	18	6	6	–	–	–
Bottled, tank, or LP gas	11	5	–	–	–	–	12
Electricity	256	121	323	315	296	151	140
Fuel oil, kerosene, etc.	–	–	–	–	–	–	–
All other fuels	19	6	23	23	70	37	–
No fuel used	324	171	494	443	226	115	238
VEHICLES AVAILABLE							
None	88	42	70	62	15	–	5
1	179	88	272	244	63	28	77
2	214	127	323	308	281	128	232
3 or more	154	64	181	173	233	147	76
YEAR HOUSEHOLDER MOVED INTO UNIT							
1989 to March 1990	89	60	92	65	110	56	66
1985 to 1988	135	86	279	261	165	92	125
1980 to 1984	27	23	167	167	99	47	54
1970 to 1979	216	111	260	246	126	80	121
1969 or earlier	168	41	48	48	92	28	24
PLUMBING FACILITIES BY PERSONS PER ROOM							
Complete plumbing facilities	630	316	821	762	592	303	390
1.01 or more	148	94	365	322	181	149	42
Lacking complete plumbing facilities	5	5	25	25	–	–	–
1.01 or more	–	–	18	18	–	–	–
SELECTED FACILITIES							
Water from public system or private company	635	321	846	787	592	303	390
Public sewer	525	270	499	440	435	260	7
Lacking complete kitchen facilities	–	–	20	20	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL							
Occupied housing units	**106**	**67**	**207**	**192**	**9**	**–**	**22**
Renter occupied	95	60	165	150	9	–	7
Built 1939 or earlier	4	–	–	–	–	–	8
Lacking complete plumbing facilities	5	5	7	7	–	–	–
No vehicle available	43	20	35	27	9	–	–
No telephone in unit	20	12	38	30	–	–	–
1.01 or more persons per room	22	15	108	101	–	–	3
MEDIAN HOUSEHOLD INCOME IN 1989							
Occupied housing units (dollars)	**32 473**	**35 313**	**30 714**	**30 045**	**50 317**	**49 250**	**55 580**
Owner occupied (dollars)	44 539	47 375	37 568	37 467	52 672	50 790	60 271
Renter occupied (dollars)	17 778	9 361	13 875	11 364	28 250	30 882	21 786
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
Specified owner-occupied housing units	**379**	**174**	**447**	**447**	**476**	**262**	**286**
With a mortgage	250	136	365	365	378	231	237
Less than $200	–	–	–	–	7	–	–
$200 to $299	6	–	18	18	–	–	–
$300 to $399	6	6	117	117	13	8	–
$400 to $499	56	34	115	115	18	18	24
$500 to $599	49	32	37	37	22	14	8
$600 to $699	36	18	6	6	33	33	52
$700 to $999	32	11	7	7	66	59	42
$1,000 to $1,999	49	19	61	61	195	91	94
$2,000 or more	16	16	4	4	24	8	17
Median (dollars)	622	587	429	429	1 089	841	983
Not mortgaged	129	38	82	82	98	31	49
Median (dollars)	141	100	164	164	133	134	208
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989							
Specified owner-occupied housing units	**379**	**174**	**447**	**447**	**476**	**262**	**286**
With a mortgage	250	136	365	365	378	231	237
Median	17.1	15.8	15.2	15.2	23.0	20.8	20.8
Not mortgaged	129	38	82	82	98	31	49
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–	11.3
GROSS RENT							
Specified renter-occupied housing units	**224**	**128**	**311**	**265**	**87**	**22**	**52**
Less than $100	11	11	25	25	–	–	–
$100 to $199	39	19	31	25	–	–	–
$200 to $299	12	12	10	10	5	5	–
$300 to $399	35	19	46	38	–	–	–
$400 to $499	24	14	32	32	12	12	5
$500 to $599	21	21	34	30	9	–	15
$600 to $749	39	32	48	42	–	–	4
$750 to $999	15	–	58	36	10	–	10
$1,000 or more	–	–	16	16	16	–	13
No cash rent	28	–	11	11	35	5	5
Median (dollars)	428	434	553	460	650	432	644
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989							
Specified renter-occupied housing units	**224**	**128**	**311**	**265**	**87**	**22**	**52**
Less than 20 percent	61	43	77	67	17	17	9
20 to 24 percent	36	28	43	21	–	–	5
25 to 29 percent	5	5	17	17	25	–	5
30 to 34 percent	30	11	6	6	–	–	4
35 percent or more	64	41	150	143	10	–	24
Not computed	28	–	18	11	35	5	5
Median	26.0	23.8	36.6	47.5	26.8	16.5	40.7

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Waimanalo CDP			Waimanalo Beach CDP	
	All Asian	All Pacific Islander	Hawaiian	All Pacific Islander	Hawaiian
Occupied housing units	**249**	**356**	**346**	**615**	**615**
TENURE					
Owner-occupied housing units	206	165	165	519	519
Renter-occupied housing units	43	191	181	96	96
YEAR STRUCTURE BUILT					
1989 to March 1990	–	–	–	–	–
1980 to 1988	20	40	34	28	28
1960 to 1979	189	264	260	293	293
1940 to 1959	29	46	46	272	272
1939 or earlier	11	6	6	22	22
HOUSE HEATING FUEL					
Utility gas	–	–	–	4	4
Bottled, tank, or LP gas	–	–	–	–	–
Electricity	139	122	112	254	254
Fuel oil, kerosene, etc.	–	–	–	–	–
All other fuels	10	–	–	11	11
No fuel used	100	234	234	346	346
VEHICLES AVAILABLE					
None	25	17	11	32	32
1	87	113	109	145	145
2	65	161	161	144	144
3 or more	72	65	65	294	294
YEAR HOUSEHOLDER MOVED INTO UNIT					
1989 to March 1990	6	31	25	31	31
1985 to 1988	32	99	99	60	60
1980 to 1984	39	99	95	16	16
1970 to 1979	106	108	108	188	188
1969 or earlier	66	19	19	320	320
PLUMBING FACILITIES BY PERSONS PER ROOM					
Complete plumbing facilities	249	356	346	603	603
1.01 or more	53	146	140	243	243
Lacking complete plumbing facilities	–	–	–	12	12
1.01 or more	–	–	–	12	12
SELECTED FACILITIES					
Water from public system or private company	249	356	346	615	615
Public sewer	233	356	346	344	344
Lacking complete kitchen facilities	8	–	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL					
Occupied housing units	**20**	**60**	**54**	**54**	**54**
Renter occupied	20	55	49	16	16
Built 1939 or earlier	–	–	–	–	–
Lacking complete plumbing facilities	–	–	–	12	12
No vehicle available	14	6	–	6	6
No telephone in unit	–	–	–	12	12
1.01 or more persons per room	–	46	40	19	19
MEDIAN HOUSEHOLD INCOME IN 1989					
Occupied housing units (dollars)	**44 044**	**40 357**	**40 952**	**52 993**	**52 993**
Owner occupied (dollars)	51 885	52 750	52 750	52 649	52 649
Renter occupied (dollars)	18 250	29 821	31 607	56 207	56 207
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units	**176**	**145**	**145**	**493**	**493**
With a mortgage	140	127	127	214	214
Less than $200	–	–	–	4	4
$200 to $299	6	–	–	59	59
$300 to $399	17	11	11	80	80
$400 to $499	40	40	40	20	20
$500 to $599	26	6	6	17	17
$600 to $699	–	7	7	13	13
$700 to $999	27	37	37	9	9
$1,000 to $1,999	24	21	21	12	12
$2,000 or more	–	5	5	–	–
Median (dollars)	522	646	646	353	353
Not mortgaged	36	18	18	279	279
Median (dollars)	150	225	225	179	179
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
Specified owner-occupied housing units	**176**	**145**	**145**	**493**	**493**
With a mortgage	140	127	127	214	214
Median	14.3	16.9	16.9	13.2	13.2
Not mortgaged	36	18	18	279	279
Median	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT					
Specified renter-occupied housing units	**34**	**191**	**181**	**96**	**96**
Less than $100	–	–	–	–	–
$100 to $199	–	14	14	–	–
$200 to $299	–	25	19	–	–
$300 to $399	10	15	15	11	11
$400 to $499	6	65	65	7	7
$500 to $599	–	20	16	8	8
$600 to $749	7	24	24	23	23
$750 to $999	–	14	14	10	10
$1,000 or more	5	14	14	11	11
No cash rent	6	–	–	26	26
Median (dollars)	467	444	444	620	620
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989					
Specified renter-occupied housing units	**34**	**191**	**181**	**96**	**96**
Less than 20 percent	–	81	81	48	48
20 to 24 percent	5	22	22	11	11
25 to 29 percent	7	34	28	11	11
30 to 34 percent	–	8	8	–	–
35 percent or more	10	46	42	–	–
Not computed	12	–	–	26	26
Median	29.3	23.3	22.2	16.4	16.4

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Table 94. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Selected Racial Groups: 1990**—Con.

[Threshold is 1,000 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

Place and [In Selected States] County Subdivision [2,500 to 9,999 Persons]	Waimea CDP, Hawaii County			Waipio Acres CDP	Whitmore Village CDP	
	All Asian	All Pacific Islander	Hawaiian	All Asian	All Asian	Filipino
Occupied housing units	**484**	**480**	**460**	**611**	**651**	**497**
TENURE						
Owner-occupied housing units	366	299	279	528	505	367
Renter-occupied housing units	118	181	181	83	146	130
YEAR STRUCTURE BUILT						
1989 to March 1990	15	–	–	–	48	19
1980 to 1988	202	190	170	217	171	145
1960 to 1979	122	174	174	272	229	191
1940 to 1959	50	69	69	122	135	80
1939 or earlier	95	47	47	–	68	62
HOUSE HEATING FUEL						
Utility gas	–	–	–	26	–	–
Bottled, tank, or LP gas	24	13	13	–	15	15
Electricity	149	148	135	346	414	309
Fuel oil, kerosene, etc.	48	7	7	–	–	–
All other fuels	30	33	33	13	10	10
No fuel used	233	279	272	226	212	163
VEHICLES AVAILABLE						
None	4	12	12	17	53	46
1	155	142	129	157	237	166
2	213	179	172	295	222	160
3 or more	112	147	147	142	139	125
YEAR HOUSEHOLDER MOVED INTO UNIT						
1989 to March 1990	66	80	80	51	149	98
1985 to 1988	135	132	112	200	131	121
1980 to 1984	97	98	98	61	77	61
1970 to 1979	79	118	118	106	126	114
1969 or earlier	107	52	52	193	168	103
PLUMBING FACILITIES BY PERSONS PER ROOM						
Complete plumbing facilities	480	480	460	611	651	497
1.01 or more	42	92	92	79	283	255
Lacking complete plumbing facilities	4	–	–	–	–	–
1.01 or more	4	–	–	–	–	–
SELECTED FACILITIES						
Water from public system or private company	484	480	460	611	651	497
Public sewer	13	54	54	605	651	497
Lacking complete kitchen facilities	–	4	4	–	–	–
HOUSEHOLDS BELOW POVERTY LEVEL						
Occupied housing units	**23**	**49**	**49**	**21**	**31**	**19**
Renter occupied	4	49	49	6	6	6
Built 1939 or earlier	12	19	19	–	–	–
Lacking complete plumbing facilities	4	–	–	–	–	–
No vehicle available	–	12	12	12	13	13
No telephone in unit	4	16	16	–	–	–
1.01 or more persons per room	4	36	36	–	14	6
MEDIAN HOUSEHOLD INCOME IN 1989						
Occupied housing units (dollars)	**35 000**	**36 500**	**37 000**	**47 739**	**44 550**	**45 292**
Owner occupied (dollars)	33 889	48 641	48 967	49 091	46 650	48 380
Renter occupied (dollars)	41 591	26 250	26 250	26 771	31 389	31 389
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
Specified owner-occupied housing units	**337**	**243**	**223**	**432**	**423**	**300**
With a mortgage	191	183	163	314	298	236
Less than $200	15	–	–	6	–	–
$200 to $299	18	–	–	6	28	28
$300 to $399	32	21	21	8	3	3
$400 to $499	25	32	19	13	19	19
$500 to $599	12	23	23	6	5	5
$600 to $699	6	5	5	14	25	20
$700 to $999	52	41	41	50	76	47
$1,000 to $1,999	31	61	54	197	142	114
$2,000 or more	–	–	–	14	–	–
Median (dollars)	523	740	752	1 199	989	983
Not mortgaged	146	60	60	118	125	64
Median (dollars)	172	203	203	151	142	207
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
Specified owner-occupied housing units	**337**	**243**	**223**	**432**	**423**	**300**
With a mortgage	191	183	163	314	298	236
Median	24.0	22.4	21.4	28.7	27.4	27.8
Not mortgaged	146	60	60	118	125	64
Median	10.0–	10.0–	10.0–	10.0–	10.0–	10.0–
GROSS RENT						
Specified renter-occupied housing units	**108**	**181**	**181**	**83**	**146**	**130**
Less than $100	–	–	–	–	–	–
$100 to $199	–	20	20	–	6	6
$200 to $299	–	18	18	5	14	14
$300 to $399	–	–	–	–	37	29
$400 to $499	17	14	14	–	16	8
$500 to $599	3	12	12	5	29	29
$600 to $749	16	39	39	47	14	14
$750 to $999	35	25	25	20	30	30
$1,000 or more	14	37	37	–	–	–
No cash rent	23	16	16	6	–	–
Median (dollars)	796	644	644	706	487	552
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
Specified renter-occupied housing units	**108**	**181**	**181**	**83**	**146**	**130**
Less than 20 percent	44	45	45	30	69	61
20 to 24 percent	26	23	23	5	21	21
25 to 29 percent	11	20	20	–	–	–
30 to 34 percent	4	24	24	8	13	13
35 percent or more	–	53	53	34	43	35
Not computed	23	16	16	6	–	–
Median	19.7	28.6	28.6	32.2	21.0	21.0

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Table 95. **Structural, Social, and Financial Characteristics of Housing Units With a Householder of Hispanic Origin by Type: 1990**

[The above table was omitted because there were no qualifying areas]

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Table 96. Occupancy and Social Characteristics of Rural Housing Units: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
All housing units	**48 107**	**19 974**	**9 641**	**101**	**8 146**	**10 245**
UNITS IN STRUCTURE						
1, detached	34 868	15 856	5 098	96	6 627	7 191
1, attached	2 742	594	1 419	5	486	238
2	1 004	295	333	–	233	143
3 or 4	1 726	466	636	–	324	300
5 or more	6 962	2 355	2 019	–	328	2 260
Mobile home or trailer	121	66	6	–	22	27
Other	684	342	130	–	126	86
YEAR STRUCTURE BUILT						
1989 to March 1990	2 529	1 462	237	–	345	485
1980 to 1988	12 550	6 535	1 624	–	2 171	2 220
1960 to 1979	18 579	6 412	4 279	18	3 087	4 783
1940 to 1959	8 394	2 499	2 749	6	1 590	1 550
1939 or earlier	6 055	3 066	752	77	953	1 207
ROOMS						
1 room	2 292	880	360	18	270	764
2 rooms	4 315	1 367	1 002	65	440	1 441
3 rooms	7 534	2 598	1 941	12	1 065	1 918
4 rooms	9 691	4 355	1 944	6	1 511	1 875
5 rooms	13 038	5 998	2 382	–	2 487	2 171
6 rooms	6 102	2 711	1 150	–	1 259	982
7 rooms	2 641	1 124	404	–	595	518
8 rooms	1 397	494	279	–	313	311
9 or more rooms	1 097	447	179	–	206	265
Median, all housing units	4.5	4.6	4.3	2.0	4.8	4.0
Median, occupied housing units	4.7	4.8	4.4	1.9	4.8	4.5
Median, owner-occupied housing units	5.0	5.1	4.9	–	5.1	4.8
Median, renter-occupied housing units	4.1	4.1	4.1	1.9	4.3	3.9
PLUMBING FACILITIES						
Complete plumbing facilities	46 419	18 823	9 535	101	7 997	9 963
Lacking complete plumbing facilities	1 688	1 151	106	–	149	282
KITCHEN FACILITIES						
Complete kitchen facilities	46 593	19 122	9 469	95	7 978	9 929
Lacking complete kitchen facilities	1 514	852	172	6	168	316
SOURCE OF WATER						
Public system or private company	42 138	15 240	9 436	101	7 744	9 617
Individual drilled well	472	94	90	–	181	107
Individual dug well	50	–	5	–	24	21
Some other source	5 447	4 640	110	–	197	500
SEWAGE DISPOSAL						
Public sewer	17 572	4 681	5 399	–	2 416	5 076
Septic tank or cesspool	28 710	14 161	4 144	101	5 464	4 840
Other means	1 825	1 132	98	–	266	329
TENURE						
Owner-occupied housing units	21 795	9 893	3 101	–	4 121	4 680
Renter-occupied housing units	17 527	6 171	5 243	62	3 245	2 806
PERSONS IN UNIT						
Occupied housing units	**39 322**	**16 064**	**8 344**	**62**	**7 366**	**7 486**
1 person	7 317	3 310	1 126	50	1 294	1 537
2 persons	12 125	5 028	2 381	12	2 295	2 409
3 persons	6 970	2 820	1 675	–	1 243	1 232
4 persons	5 929	2 211	1 438	–	1 181	1 099
5 persons	3 671	1 557	744	–	748	622
6 persons	1 815	688	525	–	309	293
7 or more persons	1 495	450	455	–	296	294
Median, occupied housing units	2.53	2.44	2.90	1.50–	2.58	2.42
Median, owner-occupied housing units	2.59	2.43	3.34	–	2.75	2.49
Median, renter-occupied housing units	2.47	2.45	2.72	1.50–	2.41	2.25
VACANCY STATUS						
Vacant housing units	**8 785**	**3 910**	**1 297**	**39**	**780**	**2 759**
For sale only	267	177	16	–	38	36
For rent	2 138	1 121	299	–	140	578
Rented or sold, not occupied	631	386	118	–	53	74
For seasonal, recreational, or occasional use	3 942	1 250	651	27	271	1 743
For migrant workers	38	33	–	–	–	5
Other vacant	1 769	943	213	12	278	323
Boarded up	58	52	6	–	–	–
DURATION OF VACANCY						
Vacant-for-sale-only housing units	**267**	**177**	**16**	**–**	**38**	**36**
Less than 2 months	85	80	–	–	–	5
2 up to 6 months	92	42	13	–	22	15
6 or more months	90	55	3	–	16	16
Vacant-for-rent housing units	**2 138**	**1 121**	**299**	**–**	**140**	**578**
Less than 2 months	1 241	521	207	–	68	445
2 up to 6 months	616	445	65	–	35	71
6 or more months	281	155	27	–	37	62

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Table 97. **Structural and Utilization Characteristics of Rural Housing Units: 1990**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
Occupied housing units	**39 322**	**16 064**	**8 344**	**62**	**7 366**	**7 486**
POPULATION						
All persons	**122 410**	**47 139**	**29 886**	**130**	**22 920**	**22 335**
Persons in occupied housing units	117 931	46 604	26 997	84	22 574	21 672
Per occupied housing unit	3.00	2.90	3.24	1.35	3.06	2.90
Owner-occupied housing units	69 168	29 621	11 554	–	13 562	14 431
Per owner-occupied housing unit	3.17	2.99	3.73	–	3.29	3.08
Renter-occupied housing units	48 763	16 983	15 443	84	9 012	7 241
Per renter-occupied housing unit	2.78	2.75	2.95	1.35	2.78	2.58
AGE OF HOUSEHOLDER						
Under 25 years	1 512	478	723	–	168	143
25 to 34 years	7 456	2 629	2 232	–	1 172	1 423
35 to 44 years	10 233	4 097	1 979	12	1 994	2 151
45 to 54 years	5 956	2 438	1 085	6	1 178	1 249
55 to 64 years	5 120	2 251	985	20	950	914
65 to 74 years	5 311	2 341	846	12	1 069	1 043
75 years and over	3 734	1 830	494	12	835	563
HOUSE HEATING FUEL						
Utility gas	227	68	28	–	90	41
Bottled, tank, or LP gas	2 541	1 140	187	–	706	508
Electricity	10 326	2 609	3 382	62	1 942	2 331
Fuel oil, kerosene, etc.	272	136	–	–	26	110
All other fuels	1 688	664	118	–	346	560
No fuel used	24 268	11 447	4 629	–	4 256	3 936
VEHICLES AVAILABLE						
None	2 517	1 255	563	26	262	411
1	13 524	5 579	3 245	6	2 154	2 540
2	15 535	6 099	3 134	24	3 042	3 236
3 or more	7 746	3 131	1 402	6	1 908	1 299
YEAR HOUSEHOLDER MOVED INTO UNIT						
1989 to March 1990	9 630	3 830	2 386	18	1 525	1 871
1985 to 1988	10 949	4 215	2 721	6	2 017	1 990
1980 to 1984	5 499	2 158	1 291	–	981	1 069
1979 or earlier	13 244	5 861	1 946	38	2 843	2 556
PERSONS PER ROOM						
0.50 or less	18 180	7 893	3 143	32	3 555	3 557
0.51 to 0.75	7 548	3 122	1 822	–	1 317	1 287
0.76 to 1.00	8 193	3 301	1 808	30	1 551	1 503
1.01 to 1.50	3 130	1 090	794	–	536	710
1.51 or more	2 271	658	777	–	407	429
PLUMBING FACILITIES BY PERSONS PER ROOM						
Complete plumbing facilities	38 069	15 262	8 248	62	7 244	7 253
1.01 or more	5 038	1 531	1 532	–	895	1 080
Lacking complete plumbing facilities	1 253	802	96	–	122	233
1.01 or more	363	217	39	–	48	59
HOUSEHOLDER 65 YEARS AND OVER						
Occupied housing units	**9 045**	**4 171**	**1 340**	**24**	**1 904**	**1 606**
Owner occupied	6 847	3 279	779	–	1 479	1 310
1-person households	2 607	1 345	349	18	443	452
Built 1939 or earlier	1 910	1 085	141	6	359	319
Mean household income in 1989 (dollars)	31 484	29 679	35 875	10 153	32 049	32 159
Lacking complete plumbing facilities	118	47	23	–	4	44
No vehicle available	1 319	776	237	–	135	171
No telephone in unit	280	169	36	–	14	61
1-person households	180	121	19	–	7	33
Units in structure:						
1, detached or attached	7 922	3 696	1 086	24	1 746	1 370
2 or more	970	430	241	–	103	196
Mobile home, trailer, or other	153	45	13	–	55	40
Specified owner	5 995	2 939	660	–	1 368	1 028
Mean value (dollars)	171 300	131 900	232 800	–	198 900	207 600
Specified renter	2 142	876	546	24	415	281
Mean contract rent (dollars)	280	248	316	–	184	456
With meals included in rent	–	–	–	–	–	–
Mean contract rent (dollars)	–	–	–	–	–	–
No meals included in rent	1 754	703	495	–	345	211
No cash rent	388	173	51	24	70	70
HOUSEHOLDS BELOW POVERTY LEVEL						
Occupied housing units	**4 415**	**2 308**	**743**	**25**	**508**	**831**
Renter occupied	2 975	1 441	632	25	354	523
Built 1939 or earlier	753	399	67	19	113	155
Lacking complete plumbing facilities	508	370	35	–	26	77
No vehicle available	1 001	545	204	7	115	130
No telephone in unit	829	518	114	–	65	132
1.01 or more persons per room	917	361	295	–	56	205

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Table 98. **Financial Characteristics of Rural Housing Units: 1990**

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
VALUE						
Specified owner-occupied housing units	18 456	8 580	2 560	–	3 670	3 646
Less than $20,000	275	207	18	–	22	28
$20,000 to $39,999	699	534	42	–	28	95
$40,000 to $59,999	1 425	1 103	57	–	80	185
$60,000 to $79,999	1 954	1 417	152	–	157	228
$80,000 to $99,999	1 988	1 228	262	–	221	277
$100,000 to $149,999	3 486	1 621	417	–	839	609
$150,000 to $199,999	2 788	987	394	–	819	588
$200,000 to $249,999	1 626	509	334	–	440	343
$250,000 to $299,999	1 172	273	284	–	278	337
$300,000 to $399,999	1 368	366	227	–	390	385
$400,000 to $499,999	578	106	140	–	163	169
$500,000 or more	1 097	229	233	–	233	402
Median (dollars)	138 700	95 600	191 500	–	176 200	176 500
Mean (dollars)	184 400	134 200	232 200	–	220 000	233 000
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
Specified owner-occupied housing units	**18 456**	**8 580**	**2 560**	**–**	**3 670**	**3 646**
With a mortgage	10 251	4 091	1 902	–	2 075	2 183
Less than $200	234	176	4	–	12	42
$200 to $299	614	344	106	–	72	92
$300 to $399	1 131	590	145	–	184	212
$400 to $499	1 128	581	194	–	166	187
$500 to $599	1 059	540	161	–	170	188
$600 to $699	1 019	497	180	–	149	193
$700 to $999	2 065	593	386	–	563	523
$1,000 to $1,999	2 438	668	578	–	653	539
$2,000 or more	563	102	148	–	106	207
Median (dollars)	695	565	802	–	861	797
Not mortgaged	8 205	4 489	658	–	1 595	1 463
Median (dollars)	133	121	153	–	149	148
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
Specified owner-occupied housing units	**18 456**	**8 580**	**2 560**	**–**	**3 670**	**3 646**
With a mortgage	10 251	4 091	1 902	–	2 075	2 183
Less than 20 percent	4 765	1 980	885	–	952	948
20 to 24 percent	1 594	598	245	–	380	371
25 to 29 percent	1 233	578	218	–	227	210
30 to 34 percent	776	248	161	–	206	161
35 percent or more	1 841	672	384	–	310	475
Not computed	42	15	9	–	–	18
Median	21.1	20.5	21.3	–	21.1	21.8
Not mortgaged	8 205	4 489	658	–	1 595	1 463
Median	10.0–	10.0–	10.0–	–	10.0–	10.0–
GROSS RENT						
Specified renter-occupied housing units	**16 856**	**5 863**	**5 132**	**62**	**3 172**	**2 627**
Less than $100	550	241	179	6	98	26
$100 to $199	1 491	698	276	6	415	96
$200 to $299	1 193	524	248	–	205	216
$300 to $399	1 533	632	359	–	276	266
$400 to $499	1 392	604	333	–	213	242
$500 to $599	1 518	652	350	–	269	247
$600 to $749	1 814	446	729	–	306	333
$750 to $999	2 591	850	791	–	544	406
$1,000 to $1,999	1 311	293	236	–	430	352
$2,000 or more	–	–	–	–	–	–
No cash rent	3 463	923	1 631	50	416	443
Median (dollars)	534	462	601	125	572	600
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989						
Specified renter-occupied housing units	16 856	5 863	5 132	62	3 172	2 627
Less than 20 percent	5 050	1 759	1 299	12	1 191	789
20 to 24 percent	1 684	743	405	–	350	186
25 to 29 percent	1 414	457	490	–	230	237
30 to 34 percent	950	416	196	–	154	184
35 percent or more	4 165	1 497	1 101	–	814	753
Not computed	3 593	991	1 641	50	433	478
Median	24.7	24.6	25.4	10.0–	22.5	27.1
MEALS INCLUDED IN RENT						
Specified renter-occupied housing units	**16 856**	**5 863**	**5 132**	**62**	**3 172**	**2 627**
With meals included in rent	29	6	7	–	–	16
Mean contract rent (dollars)	857	875	575	–	–	974
No meals included in rent	13 364	4 934	3 494	12	2 756	2 168
No cash rent	3 463	923	1 631	50	416	443
MEDIAN HOUSEHOLD INCOME IN 1989						
Occupied housing units (dollars)	**31 245**	**26 754**	**32 253**	**8 973**	**36 784**	**35 068**
Owner occupied (dollars)	37 245	30 843	47 405	–	43 243	40 072
Renter occupied (dollars)	25 553	21 909	26 113	8 973	29 859	27 185

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Table 99. Occupancy and Social Characteristics of Rural Farm Housing Units: 1990

[Threshold is 50 persons. Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State County	The State	Hawaii County	Honolulu County	Kalawao County	Kauai County	Maui County
Occupied housing units	**1 958**	**980**	**335**	**–**	**205**	**438**
POPULATION						
All persons	**6 277**	**2 991**	**1 164**	**–**	**794**	**1 328**
Persons in occupied housing units	6 277	2 991	1 164	–	794	1 328
Per occupied housing unit	3.21	3.05	3.47	–	3.87	3.03
Owner-occupied housing units	4 762	2 306	664	–	650	1 142
Per owner-occupied housing unit	3.20	3.06	3.19	–	3.94	3.15
Renter-occupied housing units	1 515	685	500	–	144	186
Per renter-occupied housing unit	3.22	3.02	3.94	–	3.60	2.45
TENURE						
Owner-occupied housing units	1 488	753	208	–	165	362
Renter-occupied housing units	470	227	127	–	40	76
AGE OF HOUSEHOLDER						
Under 25 years	53	21	6	–	7	19
25 to 34 years	210	110	15	–	13	72
35 to 44 years	607	345	102	–	61	99
45 to 54 years	311	164	37	–	29	81
55 to 64 years	349	189	77	–	45	38
65 to 74 years	320	98	90	–	15	117
75 years and over	108	53	8	–	35	12
YEAR STRUCTURE BUILT						
1989 to March 1990	39	15	14	–	5	5
1980 to 1988	511	239	84	–	41	147
1960 to 1979	779	381	119	–	85	194
1940 to 1959	329	154	87	–	23	65
1939 or earlier	300	191	31	–	51	27
KITCHEN FACILITIES						
Complete kitchen facilities	1 904	954	335	–	189	426
Lacking complete kitchen facilities	54	26	–	–	16	12
SOURCE OF WATER						
Public system or private company	1 629	741	328	–	192	368
Individual drilled well	6	–	–	–	–	6
Individual dug well	7	–	–	–	–	7
Some other source	316	239	7	–	13	57
SEWAGE DISPOSAL						
Public sewer	117	17	74	–	8	18
Septic tank or cesspool	1 713	884	261	–	179	389
Other means	128	79	–	–	18	31
HOUSE HEATING FUEL						
Utility gas	7	–	7	–	–	–
Bottled, tank, or LP gas	153	55	17	–	43	38
Electricity	522	133	178	–	68	143
Fuel oil, kerosene, etc.	48	25	–	–	6	17
All other fuels	174	90	6	–	12	66
No fuel used	1 054	677	127	–	76	174
BEDROOMS						
None	49	10	20	–	7	12
1	223	115	52	–	17	39
2	585	299	105	–	51	130
3	840	410	107	–	125	198
4	177	97	43	–	5	32
5 or more	84	49	8	–	–	27
VEHICLES AVAILABLE						
None	36	14	6	–	16	–
1	423	234	74	–	40	75
2	830	404	145	–	76	205
3 or more	669	328	110	–	73	158
YEAR HOUSEHOLDER MOVED INTO UNIT						
1989 to March 1990	227	129	56	–	12	30
1985 to 1988	447	227	98	–	21	101
1980 to 1984	375	164	69	–	29	113
1979 or earlier	909	460	112	–	143	194
PERSONS PER ROOM						
0.50 or less	892	485	80	–	78	249
0.51 to 0.75	491	255	119	–	28	89
0.76 to 1.00	293	133	52	–	60	48
1.01 to 1.50	152	76	41	–	15	20
1.51 or more	130	31	43	–	24	32
PLUMBING FACILITIES BY PERSONS PER ROOM						
Complete plumbing facilities	1 874	936	335	–	182	421
1.01 or more	260	107	84	–	23	46
Lacking complete plumbing facilities	84	44	–	–	23	17
1.01 or more	22	–	–	–	16	6
HOUSEHOLDS BELOW POVERTY LEVEL						
Occupied housing units	**146**	**80**	**–**	**–**	**14**	**52**
Renter occupied	85	55	–	–	11	19
Built 1939 or earlier	48	30	–	–	7	11
Lacking complete plumbing facilities	47	33	–	–	3	11
No vehicle available	3	–	–	–	3	–
No telephone in unit	26	23	–	–	3	–
1.01 or more persons per room	34	16	–	–	7	11
MEDIAN HOUSEHOLD INCOME IN 1989						
Occupied housing units (dollars)	**37 421**	**36 757**	**37 312**	**–**	**30 750**	**38 854**
Owner occupied (dollars)	39 621	38 560	38 971	–	42 083	41 912
Renter occupied (dollars)	26 838	28 491	26 607	–	13 750	29 444

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Table 100. **Structural, Social, and Financial Characteristics for American Indian and Alaska Native Areas: 1990**

[The above table was omitted because there were no qualifying areas]

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Table 101. **Allocation of Housing Characteristics: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State	All housing units			Percent distribution		
	Total	Not allocated	Allocated	Total	Not allocated	Allocated
YEAR STRUCTURE BUILT						
All housing units	**389 810**	**281 669**	**108 141**	**100.0**	**100.0**	**100.0**
1989 to March 1990	10 218	7 725	2 493	2.6	2.7	2.3
1985 to 1988	31 692	25 410	6 282	8.1	9.0	5.8
1980 to 1984	39 178	29 025	10 153	10.1	10.3	9.4
1970 to 1979	118 872	87 045	31 827	30.5	30.9	29.4
1960 to 1969	83 455	59 739	23 716	21.4	21.2	21.9
1950 to 1959	54 048	38 142	15 906	13.9	13.5	14.7
1940 to 1949	26 229	17 230	8 999	6.7	6.1	8.3
1939 or earlier	26 118	17 353	8 765	6.7	6.2	8.1
BEDROOMS						
All housing units	**389 810**	**301 631**	**88 179**	**100.0**	**100.0**	**100.0**
None	27 589	12 643	14 946	7.1	4.2	16.9
1	74 135	44 825	29 310	19.0	14.9	33.2
2	105 195	78 769	26 426	27.0	26.1	30.0
3	130 658	116 202	14 456	33.5	38.5	16.4
4	38 635	36 378	2 257	9.9	12.1	2.6
5 or more	13 598	12 814	784	3.5	4.2	.9
PLUMBING FACILITIES						
All housing units	**389 810**	**369 005**	**20 805**	**100.0**	**100.0**	**100.0**
Complete plumbing facilities	385 498	365 257	20 241	98.9	99.0	97.3
Lacking complete plumbing facilities	4 312	3 748	564	1.1	1.0	2.7
SOURCE OF WATER						
All housing units	389 810	368 483	21 327	100.0	100.0	100.0
Public system or private company	380 375	360 205	20 170	97.6	97.8	94.6
Individual drilled well	755	665	90	.2	.2	.4
Individual dug well	113	105	8	–	–	–
Some other source	8 567	7 508	1 059	2.2	2.0	5.0
SEWAGE DISPOSAL						
All housing units	**389 810**	**361 845**	**27 965**	**100.0**	**100.0**	**100.0**
Public sewer	312 812	290 688	22 124	80.2	80.3	79.1
Septic tank or cesspool	72 940	67 647	5 293	18.7	18.7	18.9
Other means	4 058	3 510	548	1.0	1.0	2.0
KITCHEN FACILITIES						
All housing units	**389 810**	**368 634**	**21 176**	**100.0**	**100.0**	**100.0**
Complete kitchen facilities	383 592	363 067	20 525	98.4	98.5	96.9
Lacking complete kitchen facilities	6 218	5 567	651	1.6	1.5	3.1
CONDOMINIUM HOUSING UNITS						
Occupied housing units	**356 267**	**346 209**	**10 058**	**100.0**	**100.0**	**100.0**
Condominium	65 528	64 624	904	18.4	18.7	9.0
Not condominium	290 739	281 585	9 154	81.6	81.3	91.0
YEAR HOUSEHOLDER MOVED INTO UNIT						
Occupied housing units	**356 267**	**347 987**	**8 280**	**100.0**	**100.0**	**100.0**
1989 to March 1990	82 540	80 544	1 996	23.2	23.1	24.1
1985 to 1988	105 675	103 469	2 206	29.7	29.7	26.6
1980 to 1984	44 821	43 639	1 182	12.6	12.5	14.3
1970 to 1979	60 549	59 253	1 296	17.0	17.0	15.7
1960 to 1969	32 697	31 895	802	9.2	9.2	9.7
1959 or earlier	29 985	29 187	798	8.4	8.4	9.6
GROSS RENT						
Specified renter-occupied housing units	162 820	156 597	6 223	100.0	100.0	100.0
Less than $100	2 053	1 946	107	1.3	1.2	1.7
$100 to $199	7 009	6 736	273	4.3	4.3	4.4
$200 to $299	7 502	7 226	276	4.6	4.6	4.4
$300 to $399	12 604	12 176	428	7.7	7.8	6.9
$400 to $499	15 593	14 899	694	9.6	9.5	11.2
$500 to $599	17 508	16 755	753	10.8	10.7	12.1
$600 to $749	26 197	25 212	985	16.1	16.1	15.8
$750 to $999	31 353	30 023	1 330	19.3	19.2	21.4
$1,000 or more	20 923	19 836	1 087	12.9	12.7	17.5
No cash rent	22 078	21 788	290	13.6	13.9	4.7

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Table 102. **Percent of Housing Units Allocated: 1990**

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Occupied housing units	Percent allocated												
												Specified owner, selected monthly owner costs		
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles avaiable	Year householder moved into unit	With a mortgage	Not mortgaged	Specified renter, gross rent
The State	**356 267**	**24.7**	**19.5**	**1.3**	**1.5**	**2.9**	**1.4**	**1.5**	**2.5**	**1.7**	**2.3**	**6.6**	**11.3**	**3.8**
URBAN AND RURAL AND SIZE OF PLACE														
Urban	316 945	25.1	19.9	1.2	1.4	2.6	1.4	1.5	2.5	1.7	2.3	6.2	10.8	3.7
Inside urbanized area	241 559	26.7	20.1	1.1	1.3	2.3	1.3	1.3	2.3	1.7	2.2	6.0	10.6	3.6
Central place	146 406	28.2	21.0	1.0	1.3	2.4	1.1	1.3	2.5	1.8	2.5	7.1	10.5	3.9
Urban fringe	95 153	24.3	18.6	1.2	1.4	2.0	1.4	1.3	2.1	1.5	1.8	5.2	10.8	3.0
Outside urbanized area	75 386	20.2	19.4	1.6	1.8	3.8	1.7	1.8	3.0	1.9	2.6	6.7	11.3	4.1
Place of 10,000 or more	26 014	22.5	21.2	2.0	2.1	3.6	2.1	2.1	3.3	2.3	2.9	5.4	12.3	4.1
Place of 2,500 to 9,999	49 372	19.0	18.5	1.5	1.6	3.9	1.4	1.7	2.8	1.7	2.4	7.2	10.6	4.1
Rural	39 322	21.4	16.5	1.6	1.9	5.1	1.5	1.6	2.5	1.8	2.7	9.6	13.3	4.9
Place of 1,000 to 2,499	19 580	23.0	16.2	1.6	1.9	5.0	1.5	1.7	2.5	1.7	2.7	10.3	15.1	4.1
Place of less than 1,000	5 374	17.3	12.7	1.1	2.1	11.1	1.4	1.5	2.3	1.7	3.0	8.8	15.6	5.0
Other rural	14 368	20.7	18.4	1.8	1.9	2.9	1.6	1.5	2.7	2.0	2.5	8.9	9.8	6.1
Rural farm	1 958	10.8	20.8	2.5	4.0	3.5	2.9	2.8	3.3	3.2	4.0	13.4	7.6	4.8
INSIDE AND OUTSIDE METROPOLITAN AREA														
Inside metropolitan area	265 304	26.9	20.5	1.1	1.4	2.4	1.3	1.3	2.3	1.7	2.2	6.2	10.6	3.7
In central city	134 563	29.2	21.7	.9	1.1	2.3	1.0	1.2	2.4	1.7	2.3	7.4	10.4	3.9
Not in central city	130 741	24.4	19.2	1.4	1.6	2.5	1.6	1.5	2.2	1.7	2.1	5.7	10.9	3.4
Urban	122 397	23.9	19.0	1.3	1.5	2.2	1.5	1.5	2.2	1.7	2.0	5.5	10.7	3.1
Inside urbanized area	106 996	23.5	18.0	1.4	1.6	2.2	1.6	1.5	2.2	1.7	2.0	5.3	10.9	3.0
Outside urbanized area	15 401	26.7	25.5	1.2	1.4	2.7	1.1	1.3	2.2	1.3	2.2	7.2	9.7	4.0
Rural	8 344	31.9	22.5	2.1	2.3	6.9	2.2	2.0	2.8	2.8	3.9	8.6	13.1	5.6
Outside metropolitan area	90 963	18.5	16.8	1.7	1.9	4.2	1.7	1.8	2.9	1.9	2.6	7.5	12.3	4.3
Urban	59 985	18.5	17.8	1.8	1.9	4.0	1.8	2.0	3.2	2.0	2.7	6.5	11.5	4.2
Inside urbanized area	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Outside urbanized area	59 985	18.5	17.8	1.8	1.9	4.0	1.8	2.0	3.2	2.0	2.7	6.5	11.5	4.2
Place of 10,000 or more	26 014	22.5	21.2	2.0	2.1	3.6	2.1	2.1	3.3	2.3	2.9	5.4	12.3	4.1
Place of 2,500 to 9,999	33 971	15.4	15.3	1.6	1.7	4.4	1.6	1.9	3.0	1.8	2.6	7.3	10.8	4.2
Rural	30 978	18.6	14.9	1.5	1.8	4.6	1.4	1.5	2.4	1.6	2.3	9.8	13.3	4.7
COUNTY														
Hawaii County	41 461	20.0	15.2	1.6	1.9	4.7	1.5	1.7	2.6	1.7	2.1	7.4	11.2	4.2
Honolulu County	265 304	26.9	20.5	1.1	1.4	2.4	1.3	1.3	2.3	1.7	2.2	6.2	10.6	3.7
Kalawao County	62	21.0	88.7	–	–	–	–	–	–	11.3	–	–	–	–
Kauai County	16 295	16.3	18.0	1.5	1.7	3.8	1.8	1.7	2.9	1.8	3.0	6.2	12.1	4.2
Maui County	33 145	17.8	18.2	1.8	1.9	3.8	1.8	2.0	3.4	2.1	2.9	8.3	14.2	4.6
PLACE AND COUNTY SUBDIVISION														
Ahuimanu CDP	2 487	10.1	18.6	1.7	1.9	3.0	1.9	2.2	3.3	2.7	2.3	6.8	19.1	8.3
Aiea CDP	2 628	15.9	16.7	1.5	1.2	1.6	1.2	1.2	3.3	1.7	1.8	4.9	8.8	8.5
Aliamanu CDP	2 327	54.1	9.0	1.5	1.4	3.0	1.1	1.6	2.4	2.0	2.8	100.0	–	1.6
Captain Cook CDP	892	9.3	13.5	.6	–	2.7	–	–	–	–	–	1.3	7.1	5.0
Ewa Beach CDP	3 341	24.0	32.8	.5	.7	1.1	.5	.8	1.8	1.5	1.6	5.0	9.2	1.4
Ewa Villages CDP	902	15.7	42.5	–	–	2.1	–	1.4	1.0	.7	1.4	10.8	11.9	10.5
Fort Shafter CDP	911	67.6	6.7	1.3	1.3	3.7	1.3	3.0	1.3	1.3	3.0	–	100.0	1.0
Haiku-Pauwela CDP	1 528	17.0	11.1	2.0	1.6	6.1	1.6	2.7	3.0	2.3	4.0	15.6	5.6	3.4
Halawa CDP	4 020	14.7	22.2	.6	.9	1.5	.9	1.0	1.3	1.0	1.9	5.0	6.0	2.1
Hanamaulu CDP	885	19.3	33.9	3.3	4.4	4.4	5.0	3.3	6.0	3.3	4.5	15.7	1.5	–
Hauula CDP	860	36.3	16.5	2.6	2.6	5.0	2.6	3.7	2.6	3.1	5.8	11.1	9.5	9.3
Hawaiian Beaches CDP	885	21.0	12.3	.7	2.9	2.8	.7	1.8	2.6	.7	1.8	10.8	6.7	2.5
Hawaiian Paradise Park CDP	1 115	16.2	6.0	1.4	1.5	–	.5	–	2.3	.9	.9	4.8	2.8	–
Heeia CDP	1 530	4.1	11.5	1.0	.7	.9	.7	.9	1.4	.7	.9	3.3	4.3	–
Hickam Housing CDP	1 825	33.4	5.6	–	.4	.9	–	.6	.9	.3	.9	–	–	1.4
Hilo CDP	13 327	24.7	21.8	2.0	2.1	4.5	2.1	2.3	3.2	2.4	2.9	5.0	11.4	3.9
Holualoa CDP	1 535	14.2	9.3	1.4	1.4	10.1	.7	1.1	2.6	1.1	2.3	2.0	11.8	8.7
Honolulu CDP	134 563	29.2	21.7	.9	1.1	2.3	1.0	1.2	2.4	1.7	2.3	7.4	10.4	3.9
Iroquois Point CDP	1 174	43.8	7.6	–	.5	2.5	.5	–	.4	.5	–	–	–	.6
Kahaluu CDP	924	16.3	24.9	.6	1.4	2.4	.6	.6	1.2	1.2	3.6	8.2	10.4	2.3
Kahului CDP	5 017	20.2	30.2	2.6	2.3	2.8	2.7	2.4	4.9	2.5	3.4	6.6	12.3	4.5
Kailua CDP, Hawaii County	3 065	21.2	18.5	1.6	1.9	8.7	1.7	1.8	2.5	1.6	2.8	7.3	5.0	4.1
Kailua CDP, Honolulu County	11 843	16.7	13.0	2.8	2.6	3.4	2.6	2.8	3.4	3.2	3.7	5.8	11.4	3.2
Kalaheo CDP	1 152	9.2	26.7	.7	.7	1.9	.7	1.2	1.6	1.6	2.5	2.3	4.3	2.7
Kalaoa CDP	1 548	8.9	15.4	1.9	3.0	3.6	2.3	1.9	2.8	3.3	2.6	6.8	14.6	5.8
Kaneohe CDP	10 610	15.4	16.0	.8	1.2	1.6	1.2	1.0	1.7	1.5	1.3	2.9	9.9	3.8
Kaneohe Station CDP	2 014	55.4	10.0	3.0	3.8	5.1	3.3	3.3	3.0	3.5	3.6	–	–	.9
Kapaa CDP	2 552	15.9	14.5	1.1	1.2	3.7	1.4	2.1	2.3	2.0	3.3	2.8	13.4	2.7
Kaunakakai CDP	837	18.0	27.1	–	–	4.4	–	1.3	12.9	–	3.5	8.1	8.1	–
Kekaha CDP	1 037	23.0	22.8	.8	1.4	3.3	1.4	.8	2.8	1.3	.8	8.3	7.6	3.1
Kihei CDP	4 009	19.2	11.3	1.2	2.3	2.8	2.3	2.0	2.1	2.0	2.0	5.7	36.4	4.4
Lahaina CDP	2 654	13.7	15.3	2.1	1.5	3.4	1.5	2.6	2.8	1.9	4.0	10.7	20.4	2.3
Laie CDP	1 018	45.2	16.4	4.1	4.4	7.1	2.0	2.6	3.6	2.0	2.6	5.9	25.4	4.8
Lihue CDP	2 065	19.0	11.0	1.8	2.6	6.8	2.6	2.0	3.3	2.0	3.1	4.2	13.1	2.1
Maili CDP	1 414	38.0	28.6	1.6	.9	1.0	.4	1.2	2.5	1.3	4.2	12.2	9.4	1.9
Makaha CDP	2 379	30.6	24.5	–	1.1	3.7	.4	–	1.8	.3	1.1	5.3	19.5	.5
Makakilo City CDP	2 978	14.1	20.6	1.5	1.5	2.5	1.5	1.9	2.1	2.2	2.8	4.2	13.4	8.6
Makawao CDP	1 722	18.0	16.3	3.4	2.7	5.3	3.4	4.0	5.7	3.4	3.8	9.1	9.4	6.8
Maunawili CDP	1 422	6.0	5.6	4.1	3.2	2.9	3.2	2.9	6.7	3.8	3.2	2.0	2.9	–
Mililani Town CDP	8 776	10.2	16.6	.8	.5	1.1	.7	.8	1.2	1.3	1.2	4.4	19.7	3.1
Mountain View CDP	1 143	17.7	15.2	3.1	2.8	2.9	2.4	3.0	3.8	1.0	2.1	21.4	10.1	1.9
Nanakuli CDP	2 053	29.0	29.8	.8	.7	1.5	.7	1.2	2.3	1.1	2.6	12.3	8.0	6.3
Napili-Honokowai CDP	1 792	18.0	11.8	1.7	1.7	2.9	1.7	2.7	3.6	3.0	2.5	9.2	4.9	8.7
Pearl City CDP	8 876	18.5	19.5	1.9	1.9	1.7	2.0	1.7	3.1	2.0	2.2	6.7	11.1	3.1
Pukalani CDP	1 841	12.0	19.4	2.0	1.8	2.4	1.8	1.6	2.7	3.4	1.8	7.2	21.4	3.4
Pupukea CDP	1 297	14.6	30.5	.8	.9	1.8	1.6	1.7	2.3	–	.8	1.7	18.6	–

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Table 102. **Percent of Housing Units Allocated: 1990**—Con.

[Data based on sample and subject to sampling variability, see text. For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Occupied housing units	Percent allocated												
												Specified owner, selected monthly owner costs		
		Year structure built	Bedrooms	Plumbing facilities	Source of water	Sewage disposal	Kitchen facilities	Telephone in unit	House heating fuel	Vehicles avaiable	Year householder moved into unit	With a mortgage	Not mortgaged	Specified renter, gross rent
PLACE AND COUNTY SUBDIVISION—Con.														
Schofield Barracks CDP	3 504	74.0	8.5	.1	1.5	1.5	1.0	–	.3	.4	.3	–	–	.4
Village Park CDP	2 038	7.4	24.1	.4	1.3	.7	1.0	.7	1.0	.8	.6	5.2	–	4.5
Wahiawa CDP	5 619	35.4	20.9	1.3	1.6	2.1	2.5	1.6	1.6	1.7	2.2	5.7	10.6	4.6
Waialua CDP	1 219	22.5	20.8	–	2.1	2.5	1.4	–	.6	1.7	–	7.6	4.9	8.9
Waianae CDP	2 183	27.7	34.5	1.1	1.0	2.1	1.1	.8	2.8	1.0	1.3	8.1	1.7	1.3
Waihee-Waiehue CDP	1 052	13.2	27.2	.4	1.4	1.0	.4	1.0	2.3	.4	1.0	4.5	8.6	–
Wailea-Makena CDP	1 546	9.3	7.5	1.0	1.4	2.8	1.0	1.6	1.6	2.1	2.6	10.7	21.6	6.7
Wailua Homesteads CDP	1 238	8.1	13.7	.6	–	.5	.6	.5	1.3	.9	2.5	4.7	19.7	11.5
Wailuku CDP	3 661	21.1	17.2	1.7	1.4	2.2	1.4	1.3	2.9	1.7	3.3	4.9	10.0	4.1
Waimalu CDP	10 372	18.1	15.9	.8	1.1	2.1	1.1	1.1	1.7	.8	1.4	3.6	5.7	4.0
Waimanalo CDP	817	13.8	32.6	1.8	2.8	4.0	2.8	1.8	4.3	1.8	1.8	15.3	53.8	3.6
Waimanalo Beach CDP	937	15.2	26.5	2.9	3.9	3.6	3.1	3.0	3.7	3.7	3.7	12.4	16.5	9.7
Waimea CDP, Hawaii County	1 887	13.8	5.6	1.8	1.2	6.5	1.3	1.3	2.6	.7	.7	3.5	9.0	1.7
Waipahu CDP	7 567	41.6	29.5	1.9	2.2	3.1	2.3	1.9	2.9	2.3	2.8	9.4	11.4	5.8
Waipio CDP	4 032	9.9	17.5	.5	.9	1.5	.9	.7	1.9	1.0	.6	4.1	3.9	4.2
Waipio Acres CDP	1 789	35.2	16.7	2.3	2.4	3.1	1.7	1.7	2.9	1.7	3.0	3.4	9.9	.6
Wheeler AFB CDP	702	48.0	12.5	1.6	1.6	4.7	1.6	3.3	1.6	3.8	2.4	–	–	.7
Whitmore Village CDP	816	31.4	50.1	2.6	2.7	3.4	4.8	2.6	3.6	1.0	1.0	–	11.5	–

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Table 103. **Percent of Housing Units Allocated: 1990**

[The above table was omitted because there were no qualifying areas]

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Table 104. **Percent of Housing Units in Sample: 1990**

[For definitions of terms and meanings of symbols, see text]

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [2,500 or More Persons]	Housing units	
	100-percent count	Percent in sample
The State	**389 810**	**13.9**
URBAN AND RURAL AND SIZE OF PLACE		
Urban	341 912	13.9
Inside urbanized area	255 212	14.0
Central place	158 021	13.9
Urban fringe	97 191	14.2
Outside urbanized area	86 700	13.5
Place of 10,000 or more	29 615	14.2
Place of 2,500 to 9,999	57 085	13.2
Rural	47 898	14.1
Place of 1,000 to 2,499	22 511	14.1
Place of less than 1,000	8 225	13.5
Other rural	17 162	14.3
Rural farm	–	–
INSIDE AND OUTSIDE METROPOLITAN AREA		
Inside metropolitan area	281 683	13.9
In central city	145 796	13.7
Not in central city	135 887	14.2
Urban	126 362	14.2
Inside urbanized area	109 416	14.4
Outside urbanized area	16 946	13.2
Rural	9 525	13.2
Outside metropolitan area	108 127	13.8
Urban	69 754	13.6
Inside urbanized area	–	–
Outside urbanized area	69 754	13.6
Place of 10,000 or more	29 615	14.2
Place of 2,500 to 9,999	40 139	13.2
Rural	38 373	14.3
COUNTY		
Hawaii County	48 253	14.2
Honolulu County	281 683	13.9
Kalawao County	101	16.8
Kauai County	17 613	14.0
Maui County	42 160	13.4
PLACE AND COUNTY SUBDIVISION		
Ahuimanu CDP	2 537	12.5
Aiea CDP	2 678	15.9
Aliamanu CDP	2 353	10.8
Captain Cook CDP	949	15.5
Ewa Beach CDP	3 426	13.1
Ewa Villages CDP	939	16.1
Fort Shafter CDP	917	12.6
Haiku-Pauwela CDP	1 649	13.4
Halawa CDP	4 094	16.1
Hanamaulu CDP	907	15.0
Hauula CDP	1 021	13.6
PLACE AND COUNTY SUBDIVISION—Con.		
Hawaiian Beaches CDP	1 005	14.1
Hawaiian Paradise Park CDP	1 342	12.3
Heeia CDP	1 557	14.6
Hickam Housing CDP	1 841	16.4
Hilo CDP	14 134	15.2
Holualoa CDP	1 926	12.1
Honolulu CDP	145 796	13.7
Iroquois Point CDP	1 180	16.3
Kahaluu CDP	960	14.9
Kahului CDP	5 136	15.4
Kailua CDP, Hawaii County	3 739	11.8
Kailua CDP, Honolulu County	12 225	15.6
Kalaheo CDP	1 199	15.2
Kalaoa CDP	1 685	13.6
Kaneohe CDP	10 849	15.3
Kaneohe Station CDP	2 030	11.3
Kapaa CDP	2 736	12.5
Kaunakakai CDP	997	15.4
Kekaha CDP	1 106	15.5
Kihei CDP	6 497	11.3
Lahaina CDP	2 982	11.5
Laie CDP	1 122	15.4
Lihue CDP	2 227	11.7
Maili CDP	1 490	15.3
Makaha CDP	3 178	11.7
Makakilo City CDP	3 050	12.6
Makawao CDP	1 801	11.4
Maunawili CDP	1 443	16.1
Mililani Town CDP	8 900	14.4
Mountain View CDP	1 326	14.6
Nanakuli CDP	2 128	14.5
Napili-Honokowai CDP	3 080	11.1
Pearl City CDP	8 999	14.8
Pukalani CDP	1 898	15.2
Pupukea CDP	1 488	11.0
Schofield Barracks CDP	3 556	14.8
Village Park CDP	2 176	15.7
Wahiawa CDP	5 765	14.1
Waialua CDP	1 205	10.5
Waianae CDP	2 264	15.2
Waihee-Waiehue CDP	1 076	13.5
Wailea-Makena CDP	3 070	14.2
Wailua Homesteads CDP	1 299	15.9
Wailuku CDP	3 848	13.8
Waimalu CDP	10 613	13.2
Waimanalo CDP	832	15.3
Waimanalo Beach CDP	965	16.5
Waimea CDP, Hawaii County	2 140	13.9
Waipahu CDP	7 739	13.1
Waipio CDP	4 087	11.7
Waipio Acres CDP	1 836	15.1
Wheeler AFB CDP	704	16.2
Whitmore Village CDP	839	15.7

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Table 105. **Percent of Housing Units in Sample: 1990**

[The above table was omitted because there were no qualifying areas]

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APPENDIX A.
Area Classifications

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These definitions are for all geographic entities and concepts that the Census Bureau will include in its standard 1990 census data products. Not all entities and concepts are shown in any one 1990 census data product. For a description of geographic areas included in each data product, see appendix F.

AMERICAN INDIAN AND ALASKA NATIVE AREA

Alaska Native Regional Corporation (ANRC)

Alaska Native Regional Corporations (ANRC's) are corporate entities established under the Alaska Native Claims Settlement Act of 1972, Public Law 92-203, as amended by Public Law 94-204, to conduct both business and nonprofit affairs of Alaska Natives. Alaska is divided into

12 ANRC's that cover the entire State, except for the Annette Islands Reserve. The boundaries of the 12 ANRC's were established by the Department of the Interior, in cooperation with Alaska Natives. Each ANRC was designed to include, as far as practicable, Alaska Natives with a common heritage and common interests. The ANRC boundaries for the 1990 census were identified by the Bureau of Land Management. A 13th region was established for Alaska Natives who are not permanent residents and who chose not to enroll in one of the 12 ANRC's; no census products are prepared for the 13th region. ANRC's were first identified for the 1980 census.

Each ANRC is assigned a two-digit census code ranging from 07 through 84. These census codes are assigned in alphabetical order of the ANRC's.

Alaska Native Village (ANV) Statistical Area

Alaska Native villages (ANV's) constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska that are recognized pursuant to the Alaska Native Claims Settlement Act of 1972, Public Law 92-203. Because ANV's do not have legally designated boundaries, the Census Bureau has established Alaska Native village statistical areas (ANVSA's) for statistical purposes. For the 1990 census, the Census Bureau cooperated with officials of the nonprofit corporation within each participating Alaska Native Regional Corporation (ANRC), as well as other knowledgeable officials, to delineate boundaries that encompass the settled area associated with each ANV. ANVSA's are located within ANRC's and do not cross ANRC boundaries. ANVSA's for the 1990 census replace the ANV's that the Census Bureau recognized for the 1980 census.

Each ANVSA is assigned a four-digit census code ranging from 6001 through 8989. Each ANVSA also is assigned a five-digit FIPS code. Both the census and FIPS codes are assigned in alphabetical order of ANVSA's.

American Indian Reservation and Trust Land

American Indian Reservation—Federal American Indian reservations are areas with boundaries established by treaty, statute, and/ or executive or court order, and recognized by the Federal Government as territory in which American Indian tribes have jurisdiction. State reservations are lands held in trust by State governments for the use and benefit of a given tribe. The reservations and their boundaries were identified for the 1990 census by the Bureau of Indian Affairs (BIA), Department of Interior (for Federal reservations), and State governments (for State reservations). The names of American Indian reservations recognized by State governments, but not by the Federal Government, are followed by ''(State).'' Areas composed of reservation lands that are administered jointly and/ or are claimed by two reservations, as identified by the BIA, are called ''joint areas,'' and are treated as separate American Indian reservations for census purposes.

Federal reservations may cross State boundaries, and Federal and State reservations may cross county, county subdivision, and place boundaries. For reservations that cross State boundaries, only the portion of the reservations in a given State are shown in the data products for that State; the entire reservations are shown in data products for the United States.

Each American Indian reservation is assigned a four-digit census code ranging from 0001 through 4989. These census codes are assigned in alphabetical order of American Indian reservations nationwide, except that joint areas appear at the end of the code range. Each American Indian reservation also is assigned a five-digit FIPS code; because the FIPS codes are assigned in alphabetical sequence of American Indian reservations within each State, the FIPS code is different in each State for reservations in more than one State.

Trust Land—Trust lands are property associated with a particular American Indian reservation or tribe, held in trust by the Federal Government. Trust lands may be held in trust either for a tribe (tribal trust land) or for an individual member of a tribe (individual trust land). Trust lands recognized for the 1990 census comprise all tribal trust lands and inhabited individual trust lands located outside of a reservation boundary. As with other American Indian areas, trust lands may be located in more than one State. Only the trust lands in a given State are shown in the data products for that State; all trust lands associated with a reservation or tribe are shown in data products for the United States. The Census Bureau first reported data for tribal trust lands for the 1980 census.

Trust lands are assigned a four-digit census code and a five-digit FIPS code, the same as that for the reservation with which they are associated. Trust lands not associated with a reservation are presented by tribal name, interspersed alphabetically among the reservations.

Tribal Designated Statistical Area (TDSA)

Tribal designated statistical areas (TDSA's) are areas, delineated outside Oklahoma by federally- and State-recognized tribes without a land base or associated trust lands, to provide statistical areas for which the Census Bureau tabulates data. TDSA's represent areas generally containing the American Indian population over which federally-recognized tribes have jurisdiction and areas in which State tribes provide benefits and services to their members. The names of TDSA's delineated by State-recognized tribes are followed by ''(State).'' The Census Bureau did not recognize TDSA's before the 1990 census.

Each TDSA is assigned a four-digit census code ranging from 9001 through 9589. The census codes are assigned in alphabetical order of TDSA's nationwide. Each TDSA also is assigned a five-digit FIPS code in alphabetical order within State.

Tribal Jurisdiction Statistical Area (TJSA)

Tribal jurisdiction statistical areas (TJSA's) are areas, delineated by federally-recognized tribes in Oklahoma without a reservation, for which the Census Bureau tabulates data. TJSA's represent areas generally containing the American Indian population over which one or more tribal governments have jurisdiction; if tribal officials delineated adjacent TJSA's so that they include some duplicate territory, the overlap area is called a ''joint use area,'' which is treated as a separate TJSA for census purposes.

TJSA's replace the ''Historic Areas of Oklahoma (excluding urbanized areas)'' shown in 1980 census data products. The Historic Areas of Oklahoma comprised the territory located within reservations that had legally established boundaries from 1900 to 1907; these reservations were dissolved during the 2- to 3-year period preceding the statehood of Oklahoma in 1907. The Historic Areas of Oklahoma (excluding urbanized areas) were identified only for the 1980 census.

Each TJSA is assigned a four-digit census code ranging from 5001 through 5989. The census codes are assigned in alphabetical order of TJSA's, except that joint areas appear at the end of the code range. Each TJSA also is assigned a five-digit FIPS code in alphabetical order within Oklahoma.

AREA MEASUREMENT

Area measurements provide the size, in square kilometers (also in square miles in printed reports), recorded for each geographic entity for which the Census Bureau tabulates data in general-purpose data products (except crews-of-vessels entities and ZIP Codes). (Square kilometers may be divided by 2.59 to convert an area measurement to square miles.) Area was calculated from the specific set of boundaries recorded for the entity in the Census Bureau's geographic data base (see ''TIGER''). On machine-readable files, area measurements are shown to three decimal places; the decimal point is implied. In printed reports and listings, area measurements are shown to one decimal.

The Census Bureau provides measurements for both land area and total water area for the 1990 census; the water figure includes inland, coastal, Great Lakes, and territorial water. (For the 1980 census, the Census Bureau provided area measurements for land and inland water.) The Census Bureau will provide measurements for the component types of water for the affected entities in a separate file. ''Inland water'' consists of any lake, reservoir, pond, or similar body of water that is recorded in the Census Bureau's geographic data base. It also includes any river, creek, canal, stream, or similar feature that is recorded in that data base as a two-dimensional feature (rather than as a single line). The portions of the oceans and related large embayments (such as the Chesapeake Bay and Puget Sound), the Gulf of Mexico, and the Caribbean Sea that belong to the United States and its territories are considered to be ''coastal'' and ''territorial'' waters; the Great Lakes are treated as a separate water entity. Rivers and bays that empty into these bodies of water are treated as ''inland water'' from the point beyond which they are narrower than one nautical mile across. Identification of land and inland, coastal, and territorial waters is for statistical purposes, and does not necessarily reflect legal definitions thereof.

By definition, census blocks do not include water within their boundaries; therefore, the water area of a block is always zero. Land area measurements may disagree with the information displayed on census maps and in the TIGER file because, for area measurement purposes, features identified as ''intermittent water'' and ''glacier'' are reported as land area. For this reason, it may not be possible to derive the land area for an entity by summing the land area of its component census blocks. In addition, the water area measurement reported for some geographic entities includes water that is not included in any lower-level geographic entity. Therefore, because water is contained only in a higher-level geographic entity, summing the water measurements for all the component lower-level geographic entities will not yield the water area of that higher-level entity. This occurs, for example, where water is associated with a county but is not within the legal boundary of any minor civil division, or the water is associated with a State but is not within the legal boundary of any county. Crews-of-vessels entities (see ''Census Tract and Block Numbering Area'' and ''Block'') do not encompass territory and therefore have no area measurements. ZIP Codes do not have specific boundaries, and therefore, also do not have area measurements.

The accuracy of any area measurement figure is limited by the inaccuracy inherent in (1) the location and shape of the various boundary features in the data base, and (2) rounding affecting the last digit in all operations that compute and/ or sum the area measurements.

BLOCK

Census blocks are small areas bounded on all sides by visible features such as streets, roads, streams, and railroad tracks, and by invisible boundaries such as city, town, township, and county limits, property lines, and short, imaginary extensions of streets and roads.

Tabulation blocks, used in census data products, are in most cases the same as collection blocks, used in the census enumeration. In some cases, collection blocks have been ''split'' into two or more parts required for data tabulations. Tabulation blocks do not cross the boundaries of counties, county subdivisions, places, census tracts or block numbering areas, American Indian and Alaska Native areas, congressional districts, voting districts, urban or rural areas, or urbanized areas. The 1990 census is the first for which the entire United States and its possessions are block-numbered.

Blocks are numbered uniquely within each census tract or BNA. A block is identified by a three-digit number, sometimes with a single alphabetical suffix. Block numbers

with suffixes generally represent collection blocks that were ''split'' in order to identify separate geographic entities that divide the original block. For example, when a city limit runs through data collection block 101, the data for the portion inside the city is tabulated in block 101A and the portion outside, in block 101B. A block number with the suffix ''Z'' represents a ''crews-of-vessels'' entity for which the Census Bureau tabulates data, but that does not represent a true geographic area; such a block is shown on census maps associated with an anchor symbol and a census tract or block numbering area with a .99 suffix.

BLOCK GROUP (BG)

Geographic Block Group

A geographic block group (BG) is a cluster of blocks having the same first digit of their three-digit identifying numbers within a census tract or block numbering area (BNA). For example, BG 3 within a census tract or BNA includes all blocks numbered between 301 and 397. In most cases, the numbering involves substantially fewer than 97 blocks. Geographic BG's never cross census tract or BNA boundaries, but may cross the boundaries of county subdivisions, places, American Indian and Alaska Native areas, urbanized areas, voting districts, and congressional districts. BG's generally contain between 250 and 550 housing units, with the ideal size being 400 housing units.

Tabulation Block Group

In the data tabulations, a geographic BG may be split to present data for every unique combination of county subdivision, place, American Indian and Alaska Native area, urbanized area, voting district, urban/ rural and congressional district shown in the data product; for example, if BG 3 is partly in a city and partly outside the city, there will be separate tabulated records for each portion of BG 3. BG's are used in tabulating decennial census data nationwide in the 1990 census, in all block-numbered areas in the 1980 census, and in Tape Address Register (TAR) areas in the 1970 census. For purposes of data presentation, BG's are a substitute for the enumeration districts (ED's) used for reporting data in many parts of the United States for the 1970 and 1980 censuses, and in all areas for pre-1970 censuses.

BOUNDARY CHANGES

The boundaries of some counties, county subdivisions, American Indian and Alaska Native areas, and many incorporated places, changed between those reported for the 1980 census and January 1, 1990. Boundary changes to legal entities result from:

1. Annexations to or detachments from legally established governmental units.
2. Mergers or consolidations of two or more governmental units.
3. Establishment of new governmental units.
4. Disincorporations or disorganizations of existing governmental units.
5. Changes in treaties and Executive Orders.

The historical counts shown for counties, county subdivisions, and places are not updated for such changes, and thus reflect the population and housing units in the area as delineated at each census. Information on boundary changes reported between the 1980 and 1990 censuses for counties, county subdivisions, and incorporated places is presented in the ''User Notes'' section of the technical documentation of Summary Tape Files 1 and 3, and in the 1990 CPH-2, *Population and Housing Unit Counts* printed reports. For information on boundary changes for such areas in the decade preceding other decennial censuses, see the *Number of Inhabitants* reports for each census. Boundary changes are not reported for some areas, such as census designated places and block groups.

CENSUS REGION AND CENSUS DIVISION

Census Division

Census divisions are groupings of States that are subdivisions of the four census regions. There are nine divisions, which the Census Bureau adopted in 1910 for the presentation of data. The regions, divisions, and their constituent States are:

Northeast Region

New England Division:

Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut

Middle Atlantic Division:

New York, New Jersey, Pennsylvania

Midwest Region

East North Central Division:

Ohio, Indiana, Illinois, Michigan, Wisconsin

West North Central Division:

Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas

South Region

South Atlantic Division:

Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida

East South Central Division:

Kentucky, Tennessee, Alabama, Mississippi

West South Central Division:

Arkansas, Louisiana, Oklahoma, Texas

West Region

Mountain Division:

Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada

Pacific Division:

Washington, Oregon, California, Alaska, Hawaii

Census Region

Census regions are groupings of States that subdivide the United States for the presentation of data. There are four regions—Northeast, Midwest, South, and West. Each of the four census regions is divided into two or more census divisions. Prior to 1984, the Midwest region was named the North Central region. From 1910, when census regions were established, through the 1940's, there were three regions—North, South, and West.

CENSUS TRACT AND BLOCK NUMBERING AREA

Block Numbering Area (BNA)

Block numbering areas (BNA's) are small statistical subdivisions of a county for grouping and numbering blocks in nonmetropolitan counties where local census statistical areas committees have not established census tracts. State agencies and the Census Bureau delineated BNA's for the 1990 census, using guidelines similar to those for the delineation of census tracts. BNA's do not cross county boundaries.

BNA's are identified by a four-digit basic number and may have a two-digit suffix; for example, 9901.07. The decimal point separating the four-digit basic BNA number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many BNA's do not have a suffix; in such cases, the suffix field is left blank in all data products. BNA numbers range from 9501 through 9989.99, and are unique within a county (numbers in the range of 0001 through 9499.99 denote a census tract). The suffix .99 identifies a BNA that was populated entirely by persons aboard one or more civilian or military ships. A ''crews-of-vessels'' BNA appears on census maps only as an anchor symbol with its BNA number (and block numbers on maps showing block numbers); the BNA relates to the ships associated with the onshore BNA's having the same four-digit basic number. Suffixes in the range .80 through .98 usually identify BNA's that either were revised or were created during the 1990 census data collection activities. Some of these revisions produced BNA's that have extremely small land area and may have little or no population or housing. For data analysis, such a BNA can be summarized with an adjacent BNA.

Census Tract

Census tracts are small, relatively permanent statistical subdivisions of a county. Census tracts are delineated for all metropolitan areas (MA's) and other densely populated counties by local census statistical areas committees following Census Bureau guidelines (more than 3,000 census tracts have been established in 221 counties outside MA's). Six States (California, Connecticut, Delaware, Hawaii, New Jersey, and Rhode Island) and the District of Columbia are covered entirely by census tracts. Census tracts usually have between 2,500 and 8,000 persons and, when first delineated, are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. Census tracts do not cross county boundaries. The spatial size of census tracts varies widely depending on the density of settlement. Census tract boundaries are delineated with the intention of being maintained over a long time so that statistical comparisons can be made from census to census. However, physical changes in street patterns caused by highway construction, new development, etc., may require occasional revisions; census tracts occasionally are split due to large population growth, or combined as a result of substantial population decline. Census tracts are referred to as ''tracts'' in all 1990 data products.

Census tracts are identified by a four-digit basic number and may have a two-digit suffix; for example, 6059.02. The decimal point separating the four-digit basic tract number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many census tracts do not have a suffix; in such cases, the suffix field is left blank in all data products. Leading zeros in a census tract number (for example, 002502) are shown only on machine-readable files.

Census tract numbers range from 0001 through 9499.99 and are unique within a county (numbers in the range of 9501 through 9989.99 denote a block numbering area). The suffix .99 identifies a census tract that was populated entirely by persons aboard one or more civilian or military ships. A ''crews-of-vessels'' census tract appears on census maps only as an anchor symbol with its census tract number (and block numbers on maps showing block numbers). These census tracts relate to the ships associated with the onshore census tract having the same four-digit basic number. Suffixes in the range .80 through .98 usually identify census tracts that either were revised or were created during the 1990 census data collection activities. Some of these revisions may have resulted in census tracts that have extremely small land area and may have little or no population or housing. For data analysis, such a census tract can be summarized with an adjacent census tract.

CONGRESSIONAL DISTRICT (CD)

Congressional districts (CD's) are the 435 areas from which persons are elected to the U.S. House of Representatives. After the apportionment of congressional seats among the States, based on census population counts, each State is responsible for establishing CD's for the purpose of electing representatives. Each CD is to be as equal in population to all other CD's in the State as practicable, based on the decennial census counts.

The CD's that were in effect on January 1, 1990 were those of the 101st Congress. Data on the 101st Congress appear in an early 1990 census data product (Summary Tape File 1A). The CD's of the 101st Congress are the same as those in effect for the 102nd Congress. CD's of the 103rd Congress, reflecting redistricting based on the 1990 census, are summarized in later 1990 data products (STF's 1D and 3D, and 1990 CPH-4, *Population and Housing Characteristics for Congressional Districts of the 103rd Congress* printed reports).

COUNTY

The primary political divisions of most States are termed ''counties.'' In Louisiana, these divisions are known as ''parishes.'' In Alaska, which has no counties, the county equivalents are the organized ''boroughs'' and the ''census areas'' that are delineated for statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities that are independent of any county organization and thus constitute primary divisions of their States. These cities are known as ''independent cities'' and are treated as equivalent to counties for statistical purposes. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for statistical purposes.

Each county and county equivalent is assigned a three-digit FIPS code that is unique within State. These codes are assigned in alphabetical order of county or county equivalent within State, except for the independent cities, which follow the listing of counties.

COUNTY SUBDIVISION

County subdivisions are the primary subdivisions of counties and their equivalents for the reporting of decennial census data. They include census county divisions, census subareas, minor civil divisions, and unorganized territories.

Each county subdivision is assigned a three-digit census code in alphabetical order within county and a five-digit FIPS code in alphabetical order within State.

Census County Division (CCD)

Census county divisions (CCD's) are subdivisions of a county that were delineated by the Census Bureau, in cooperation with State officials and local census statistical areas committees, for statistical purposes. CCD's were established in 21 States where there are no legally established minor civil divisions (MCD's), where the MCD's do not have governmental or administrative purposes, where the boundaries of the MCD's change frequently, and/ or where the MCD's are not generally known to the public. CCD's have no legal functions, and are not governmental units.

The boundaries of CCD's usually are delineated to follow visible features, and in most cases coincide with census tract or block numbering area boundaries. The name of each CCD is based on a place, county, or well-known local name that identifies its location. CCD's have been established in the following 21 States: Alabama, Arizona, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Kentucky, Montana, Nevada, New Mexico, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Washington, and Wyoming. For the 1980 census, the county subdivisions recognized for Nevada were MCD's.

Census Subarea (Alaska)

Census subareas are statistical subdivisions of boroughs and census areas (county equivalents) in Alaska. Census subareas were delineated cooperatively by the State of Alaska and the Census Bureau. The census subareas, identified first in 1980, replaced the various types of subdivisions used in the 1970 census.

Minor Civil Division (MCD)

Minor civil divisions (MCD's) are the primary political or administrative divisions of a county. MCD's represent many different kinds of legal entities with a wide variety of governmental and/ or administrative functions. MCD's are variously designated as American Indian reservations, assessment districts, boroughs, election districts, gores, grants, magisterial districts, parish governing authority districts, plantations, precincts, purchases, supervisors' districts, towns, and townships. In some States, all or some incorporated places are not located in any MCD and thus serve as MCD's in their own right. In other States, incorporated places are subordinate to (part of) the MCD's in which they are located, or the pattern is mixed—some incorporated places are independent of MCD's and others are subordinate to one or more MCD's.

The Census Bureau recognizes MCD's in the following 28 States: Arkansas, Connecticut, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin. The District of Columbia has no primary divisions, and the entire area is considered equivalent to an MCD for statistical purposes.

The MCD's in 12 selected States (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin) also serve as general-purpose local governments. The Census Bureau presents data for these MCD's in all data products in which it provides data for places.

Unorganized Territory (unorg.)

In nine States (Arkansas, Iowa, Kansas, Louisiana, Maine, Minnesota, North Carolina, North Dakota, and South Dakota), some counties contain territory that is not included in an MCD recognized by the Census Bureau. Each separate area of unorganized territory in these States is recognized as one or more separate county subdivisions for census purposes. Each unorganized territory is given a descriptive name, followed by the designation ''unorg.''

GEOGRAPHIC CODE

Geographic codes are shown primarily on machine-readable data products, such as computer tape and compact disc-read only memory (CD-ROM), but also appear on other products such as microfiche; they also are shown on some census maps. Codes are identified as ''census codes'' only if there is also a Federal Information Processing Standards (FIPS) code for the same geographic entity. A code that is not identified as either ''census'' or ''FIPS'' is usually a census code for which there is no FIPS equivalent, or for which the Census Bureau does not use the FIPS code. The exceptions, which use only the FIPS code in census products, are county, congressional district, and metropolitan area (that is, metropolitan statistical area, consolidated metropolitan statistical area, and primary metropolitan statistical area).

Census Code

Census codes are assigned for a variety of geographic entities, including American Indian and Alaska Native area, census division, census region, county subdivision, place, State, urbanized area, and voting district. The structure, format, and meaning of census codes appear in the 1990 census *Geographic Identification Code Scheme;* in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

Federal Information Processing Standards (FIPS) Code

Federal Information Processing Standards (FIPS) codes are assigned for a variety of geographic entities, including American Indian and Alaska Native area, congressional district, county, county subdivision, metropolitan area, place, and State. The structure, format, and meaning of FIPS codes used in the census are shown in the 1990 census *Geographic Identification Code Scheme;* in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

The objective of the FIPS codes is to improve the use of data resources of the Federal Government and avoid unnecessary duplication and incompatibilities in the collection, processing, and dissemination of data. More information about FIPS and FIPS code documentation is available from the National Technical Information Service, Springfield, VA 22161.

United States Postal Service (USPS) Code

United States Postal Service (USPS) codes for States are used in all 1990 data products. The codes are two-character alphabetic abbreviations. These codes are the same as the FIPS two-character alphabetic abbreviations.

GEOGRAPHIC PRESENTATION

Hierarchical Presentation

A hierarchical geographic presentation shows the geographic entities in a superior/ subordinate structure in census products. This structure is derived from the legal, administrative, or areal relationships of the entities. The hierarchical structure is depicted in report tables by means of indentation, and is explained for machine-readable media in the discussion of file structure in the geographic coverage portion of the abstract in the technical documentation. An example of hierarchical presentation is the ''standard census geographic hierarchy'': block, within block group, within census tract or block numbering area, within place, within county subdivision, within county, within State, within division, within region, within the United States. Graphically, this is shown as:

United States
  Region
    Division
      State
        County
          County subdivision
            Place (or part)
              Census tract/ block numbering area
               (or part)
                Block group (or part)
                  Block

Inventory Presentation

An inventory presentation of geographic entities is one in which all entities of the same type are shown in alphabetical or code sequence, without reference to their hierarchical relationships. Generally, an inventory presentation shows totals for entities that may be split in a hierarchical presentation, such as place, census tract/

block numbering area, or block group. An example of a series of inventory presentations is: State, followed by all the counties in that State, followed by all the places in that State. Graphically, this is shown as:

State

County ''A''
County ''B''
County ''C''

Place ''X''
Place ''Y''
Place ''Z''

HISTORICAL COUNTS

Historical counts for total population and total housing units are shown in the 1990 CPH-2, *Population and Housing Unit Counts* report series. As in past censuses, the general rule for presenting historical data for States, counties, county subdivisions, and places is to show historical counts only for single, continually existing entities. Stated another way, if an entity existed for both the current and preceding censuses, the tables show counts for the preceding censuses. Included in this category are entities of the same type (county, county subdivision, place) even if they had changed their names. Also included are entities that merged, but only if the new entity retained the name of one of the merged entities. The historical counts shown are for each entity as it was bounded at each census.

In cases where an entity was formed since a preceding census, such as a newly incorporated place or a newly organized township, the symbol three dots ''...'' is shown for earlier censuses. The three-dot symbol also is shown for those parts of a place that have extended into an additional county or county subdivision through annexation or other revision of boundaries since the preceding census.

In a few cases, changes in the boundaries of county subdivisions caused a place to be split into two or more parts, or to be split differently than in the preceding census. If historical counts for the parts of the place as currently split did not appear in a preceding census, ''(NA)'' is shown for the place in each county subdivision; however, the historical population and housing unit counts of the place appear in tables that show the entire place. For counties, county subdivisions, and places formed since January 1, 1980, 1980 census population and housing unit counts in the 1990 territory are reported in the geographic change notes included in the ''User Notes'' text section of 1990 CPH-2, *Population and Housing Unit Counts*, and in the technical documentation of Summary Tape Files 1 and 3.

In some cases, population and housing unit counts for individual areas were revised since publication of the 1980 reports (indicated by the prefix ''r''). In a number of tables of 1990 CPH-2, *Population and Housing Unit Counts*, 1980 counts are shown for aggregations of individual areas, such as the number, population, and housing unit counts of places in size groups, or urban and rural distributions. Revisions of population and housing unit counts for individual areas were not applied to the various aggregations. Therefore, it may not be possible to determine the individual areas in a given aggregation using the historical counts; conversely, the sum of the counts shown for individual areas may not agree with the aggregation.

INTERNAL POINT

An internal point is a set of geographic coordinates (latitude and longitude) that is located within a specified geographic entity. A single point is identified for each entity; for many entities, this point represents the approximate geographic center of that entity. If the shape of the entity caused this point to be located outside the boundaries of the entity, it is relocated from the center so that it is within the entity. If the internal point for a block falls in a water area, it is relocated to a land area within the block. On machine-readable products, internal points are shown to six decimal places; the decimal point is implied.

METROPOLITAN AREA (MA)

The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MA's are defined around two or more nuclei.

The MA classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on MA's. The MA's are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by the interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MA's nationwide.

Each MA must contain either a place with a minimum population of 50,000 or a Census Bureau-defined urbanized area and a total MA population of at least 100,000 (75,000 in New England). An MA comprises one or more central counties. An MA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, MA's are composed of cities and towns rather than whole counties.

The territory, population, and housing units in MA's are referred to as ''metropolitan.'' The metropolitan category is subdivided into ''inside central city'' and ''outside central city.'' The territory, population, and housing units located outside MA's are referred to as ''nonmetropolitan.'' The

metropolitan and nonmetropolitan classification cuts across the other hierarchies; for example, there is generally both urban and rural territory within both metropolitan and nonmetropolitan areas.

To meet the needs of various users, the standards provide for a flexible structure of metropolitan definitions that classify an MA either as a metropolitan statistical area (MSA) or as a consolidated metropolitan statistical area (CMSA) that is divided into primary metropolitan statistical areas (PMSA's). Documentation of the MA standards and how they are applied is available from the Secretary, Federal Executive Committee on Metropolitan Areas, Population Division, U.S. Bureau of the Census, Washington, DC 20233.

Central City

In each MSA and CMSA, the largest place and, in some cases, additional places are designated as ''central cities'' under the official standards. A few PMSA's do not have central cities. The largest central city and, in some cases, up to two additional central cities are included in the title of the MA; there also are central cities that are not included in an MA title. An MA central city does not include any part of that city that extends outside the MA boundary.

Consolidated and Primary Metropolitan Statistical Area (CMSA and PMSA)

If an area that qualifies as an MA has more than one million persons, primary metropolitan statistical areas (PMSA's) may be defined within it. PMSA's consist of a large urbanized county or cluster of counties that demonstrates very strong internal economic and social links, in addition to close ties to other portions of the larger area. When PMSA's are established, the larger area of which they are component parts is designated a consolidated metropolitan statistical area (CMSA).

Metropolitan Statistical Area (MSA)

Metropolitan statistical areas (MSA's) are relatively free-standing MA's and are not closely associated with other MA's. These areas typically are surrounded by nonmetropolitan counties.

Metropolitan Area Title and Code

The title of an MSA contains the name of its largest central city and up to two additional city names, provided that the additional places meet specified levels of population, employment, and commuting. Generally, a city with a population of 250,000 or more is in the title, regardless of other criteria.

The title of a PMSA may contain up to three place names, as determined above, or up to three county names, sequenced in order of population. A CMSA title also may include up to three names, the first of which generally is the most populous central city in the area. The second name may be the first city or county name in the most populous remaining PMSA; the third name may be the first city or county name in the next most populous PMSA. A regional designation may be substituted for the second and/ or third names in a CMSA title if such a designation is supported by local opinion and is deemed to be unambiguous and suitable by the Office of Management and Budget.

The titles for all MA's also contain the name of each State in which the area is located. Each metropolitan area is assigned a four-digit FIPS code, in alphabetical order nationwide. If the fourth digit of the code is a ''2,'' it identifies a CMSA. Additionally, there is a separate set of two-digit codes for CMSA's, also assigned alphabetically.

OUTLYING AREAS OF THE UNITED STATES

The Census Bureau treats the outlying areas as the statistical equivalents of States for the 1990 census. The outlying areas are American Samoa, Guam, the Commonwealth of the Northern Mariana Islands (Northern Mariana Islands), Republic of Palau (Palau), Puerto Rico, and the Virgin Islands of the United States (Virgin Islands). Geographic definitions specific to each outlying area are shown in appendix A of the text in the data products for each area.

PLACE

Places, for the reporting of decennial census data, include census designated places and incorporated places. Each place is assigned a four-digit census code that is unique within State. Each place is also assigned a five-digit FIPS code that is unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State. Consolidated cities (see below) are assigned a one-character alphabetical census code that is unique nationwide and a five-digit FIPS code that is unique within State.

Census Designated Place (CDP)

Census designated places (CDP's) are delineated for the decennial census as the statistical counterparts of incorporated places. CDP's comprise densely settled concentrations of population that are identifiable by name, but are not legally incorporated places. Their boundaries, which usually coincide with visible features or the boundary of an adjacent incorporated place, have no legal status, nor do these places have officials elected to serve traditional municipal functions. CDP boundaries may change with changes in the settlement pattern; a CDP with the same name as in previous censuses does not necessarily have the same boundaries.

Beginning with the 1950 census, the Census Bureau, in cooperation with State agencies and local census statistical areas committees, has identified and delineated boundaries for CDP's. In the 1990 census, the name of each such place is followed by ''CDP.'' In the 1980 census, ''(CDP)'' was used; in 1970, 1960, and 1950 censuses, these places were identified by ''(U),'' meaning ''unincorporated place.''

To qualify as a CDP for the 1990 census, an unincorporated community must have met the following criteria:

1. In all States except Alaska and Hawaii, the Census Bureau uses three population size criteria to designate a CDP. These criteria are:
   a. 1,000 or more persons if outside the boundaries of an urbanized area (UA) delineated for the 1980 census or a subsequent special census.
   b. 2,500 or more persons if inside the boundaries of a UA delineated for the 1980 census or a subsequent special census.
   c. 250 or more persons if outside the boundaries of a UA delineated for the 1980 census or a subsequent special census, and within the official boundaries of an American Indian reservation recognized for the 1990 census.
2. In Alaska, 25 or more persons if outside a UA, and 2,500 or more persons if inside a UA delineated for the 1980 census or a subsequent special census.
3. In Hawaii, 300 or more persons, regardless of whether the community is inside or outside a UA.

For the 1990 census, CDP's qualified on the basis of the population counts prepared for the 1990 Postcensus Local Review Program. Because these counts were subject to change, a few CDP's may have final population counts lower than the minimums shown above.

Hawaii is the only State with no incorporated places recognized by the Bureau of the Census. All places shown for Hawaii in the data products are CDP's. By agreement with the State of Hawaii, the Census Bureau does not show data separately for the city of Honolulu, which is coextensive with Honolulu County.

Consolidated City

A consolidated government is a unit of local government for which the functions of an incorporated place and its county or minor civil division (MCD) have merged. The legal aspects of this action may result in both the primary incorporated place and the county or MCD continuing to exist as legal entities, even though the county or MCD performs few or no governmental functions and has few or no elected officials. Where this occurs, and where one or more other incorporated places in the county or MCD continue to function as separate governments, even though they have been included in the consolidated government, the primary incorporated place is referred to as a ''consolidated city.''

The data presentation for consolidated cities varies depending upon the geographic presentation. In hierarchical presentations, consolidated cities are not shown. These presentations include the semi-independent places and the ''consolidated city (remainder).'' Where the consolidated city is coextensive with a county or county subdivision, the data shown for those areas in hierarchical presentations are equivalent to those for the consolidated government.

For inventory geographic presentations, the consolidated city appears at the end of the listing of places. The data for the consolidated city include places that are part of the consolidated city. The ''consolidated city (remainder)'' is the portion of the consolidated government minus the semi-independent places, and is shown in alphabetical sequence with other places.

In summary presentations by size of place, the consolidated city is not included. The places semi-independent of consolidated cities are categorized by their size, as is the ''consolidated city (remainder).''

Each consolidated city is assigned a one-character alphabetic census code. Each consolidated city also is assigned a five-digit FIPS code that is unique within State. The semi-independent places and the ''consolidated city (remainder)'' are assigned a four-digit census code and a five-digit FIPS place code that are unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State.

Incorporated Place

Incorporated places recognized in 1990 census data products are those reported to the Census Bureau as legally in existence on January 1, 1990 under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: the towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as minor civil divisions for census purposes; the boroughs in Alaska are county equivalents.

POPULATION OR HOUSING UNIT DENSITY

Population or housing unit density is computed by dividing the total population or housing units of a geographic unit (for example, United States, State, county, place) by its land area measured in square kilometers or square miles. Density is expressed as both ''persons (or housing units) per square kilometer'' and ''persons (or housing units) per square mile'' of land area in 1990 census printed reports.

STATE

States are the primary governmental divisions of the United States. The District of Columbia is treated as a statistical equivalent of a State for census purposes. The four census regions, nine census divisions, and their component States are shown under ''CENSUS REGION AND CENSUS DIVISION'' in this appendix.

The Census Bureau treats the outlying areas as State equivalents for the 1990 census. The outlying areas are American Samoa, Guam, the Northern Mariana Islands, Palau, Puerto Rico, and the Virgin Islands of the United States. Geographic definitions specific to each outlying area are shown in appendix A in the data products for each area.

Each State and equivalent is assigned a two-digit numeric Federal Information Processing Standards (FIPS) code in alphabetical order by State name, followed by the outlying area names. Each State and equivalent area also is assigned a two-digit census code. This code is assigned on the basis of the geographic sequence of each State within each census division; the first digit of the code is the code for the respective division. Puerto Rico, the Virgin Islands, and the outlying areas of the Pacific are assigned ''0'' as the division code. Each State and equivalent area also is assigned the two-letter FIPS/ United States Postal Service (USPS) code.

In 12 selected States (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), the minor civil divisions also serve as general-purpose local governments. The Census Bureau presents data for these minor civil divisions in all data products in which it provides data for places.

TIGER

TIGER is an acronym for the new digital (computer-readable) geographic data base that automates the mapping and related geographic activities required to support the Census Bureau's census and survey programs. The Census Bureau developed the Topologically Integrated Geographic Encoding and Referencing (TIGER) System to automate the geographic support processes needed to meet the major geographic needs of the 1990 census: producing the cartographic products to support data collection and map publication, providing the geographic structure for tabulation and publication of the collected data, assigning residential and employer addresses to their geographic location and relating those locations to the Census Bureau's geographic units, and so forth. The content of the TIGER data base is made available to the public through a variety of ''TIGER Extract'' files that may be obtained from the Data User Services Division, U.S. Bureau of the Census, Washington, DC 20233.

UNITED STATES

The United States comprises the 50 States and the District of Columbia. In addition, the Census Bureau treats the outlying areas as statistical equivalents of States for the 1990 census. The outlying areas include American Samoa, Guam, the Northern Mariana Islands, Palau, Puerto Rico, and the Virgin Islands.

URBAN AND RURAL

The Census Bureau defines ''urban'' for the 1990 census as comprising all territory, population, and housing units in urbanized areas and in places of 2,500 or more persons outside urbanized areas. More specifically, ''urban'' consists of territory, persons, and housing units in:

1. Places of 2,500 or more persons incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the six New England States, New York, and Wisconsin), but excluding the rural portions of ''extended cities.''
2. Census designated places of 2,500 or more persons.
3. Other territory, incorporated or unincorporated, included in urbanized areas.

Territory, population, and housing units not classified as urban constitute ''rural.'' In the 100-percent data products, ''rural'' is divided into ''places of less than 2,500'' and ''not in places.'' The ''not in places'' category comprises ''rural'' outside incorporated and census designated places and the rural portions of extended cities. In many data products, the term ''other rural'' is used; ''other rural'' is a residual category specific to the classification of the rural in each data product.

In the sample data products, rural population and housing units are subdivided into ''rural farm'' and ''rural nonfarm.'' ''Rural farm'' comprises all rural households and housing units on farms (places from which $1,000 or more of agricultural products were sold in 1989); ''rural nonfarm'' comprises the remaining rural.

The urban and rural classification cuts across the other hierarchies; for example, there is generally both urban and rural territory within both metropolitan and nonmetropolitan areas.

In censuses prior to 1950, ''urban'' comprised all territory, persons, and housing units in incorporated places of 2,500 or more persons, and in areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. The definition of urban that restricted itself to incorporated places having 2,500 or more persons excluded many large, densely settled areas merely because they were not incorporated. Prior to the 1950 census, the Census Bureau attempted to avoid some of the more obvious omissions by classifying selected areas as ''urban under special rules.'' Even with these rules, however, many large, closely built-up areas were excluded from the urban category.

To improve its measure of urban territory, population, and housing units, the Census Bureau adopted the concept of the urbanized area and delineated boundaries for

unincorporated places (now, census designated places) for the 1950 census. Urban was defined as territory, persons, and housing units in urbanized areas and, outside urbanized areas, in all places, incorporated or unincorporated, that had 2,500 or more persons. With the following three exceptions, the 1950 census definition of urban has continued substantially unchanged. First, in the 1960 census (but not in the 1970, 1980, or 1990 censuses), certain towns in the New England States, townships in New Jersey and Pennsylvania, and Arlington County, Virginia, were designated as urban. However, most of these ''special rule'' areas would have been classified as urban anyway because they were included in an urbanized area or in an unincorporated place of 2,500 or more persons. Second, ''extended cities'' were identified for the 1970, 1980, and 1990 censuses. Extended cities primarily affect the figures for urban and rural territory (area), but have very little effect on the urban and rural population and housing units at the national and State levels— although for some individual counties and urbanized areas, the effects have been more evident. Third, changes since the 1970 census in the criteria for defining urbanized areas have permitted these areas to be defined around smaller centers.

Documentation of the urbanized area and extended city criteria is available from the Chief, Geography Division, U.S. Bureau of the Census, Washington, DC 20233.

Extended City

Since the 1960 census, there has been a trend in some States toward the extension of city boundaries to include territory that is essentially rural in character. The classification of all the population and living quarters of such places as urban would include in the urban designation territory, persons, and housing units whose environment is primarily rural. For the 1970, 1980, and 1990 censuses, the Census Bureau identified as rural such territory and its population and housing units for each extended city whose closely settled area was located in an urbanized area. For the 1990 census, this classification also has been applied to certain places outside urbanized areas.

In summary presentations by size of place, the urban portion of an extended city is classified by the population of the entire place; the rural portion is included in ''other rural.''

URBANIZED AREA (UA)

The Census Bureau delineates urbanized areas (UA's) to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. A UA comprises one or more places (''central place'') and the adjacent densely settled surrounding territory (''urban fringe'') that together have a minimum of 50,000 persons. The urban fringe generally consists of contiguous territory having a density of least 1,000 persons per square mile. The urban fringe also includes outlying territory of such density if it was connected to the core of the contiguous area by road and is within 1 1/ 2 road miles of that core, or within 5 road miles of the core but separated by water or other undevelopable territory. Other territory with a population density of fewer than 1,000 people per square mile is included in the urban fringe if it eliminates an enclave or closes an indentation in the boundary of the urbanized area. The population density is determined by (1) outside of a place, one or more contiguous census blocks with a population density of at least 1,000 persons per square mile or (2) inclusion of a place containing census blocks that have at least 50 percent of the population of the place and a density of at least 1,000 persons per square mile. The complete criteria are available from the Chief, Geography Division, U.S. Bureau of the Census, Washington, DC 20233.

Urbanized Area Central Place

One or more central places function as the dominant centers of each UA. The identification of a UA central place permits the comparison of this dominant center with the remaining territory in the UA. There is no limit on the number of central places, and not all central places are necessarily included in the UA title. UA central places include:

1. Each place entirely (or partially, if the place is an extended city) within the UA that is a central city of a metropolitan area (MA).
2. If the UA does not contain an MA central city or is located outside of an MA, the central place(s) is determined by population size.

Urbanized Area Title and Code

The title of a UA identifies those places that are most important within the UA; it links the UA to the encompassing MA, where appropriate. If a single MA includes most of the UA, the title and code of the UA generally are the same as the title and code of the MA. If the UA is not mostly included in a single MA, if it does not include any place that is a central city of the encompassing MA, or if it is not located in an MA, the Census Bureau uses the population size of the included places, with a preference for incorporated places, to determine the UA title. The name of each State in which the UA is located also is in each UA title.

The numeric code used to identify each UA is the same as the code for the mostly encompassing MA (including CMSA and PMSA). If MA title cities represent multiple UA's, or the UA title city does not correspond to the first name of an MA title, the Census Bureau assigns a code based on the alphabetical sequence of the UA title in relationship to the other UA and MA titles.

VOTING DISTRICT (VTD)

A voting district (VTD) is any of a variety of types of areas (for example, election districts, precincts, wards, legislative districts) established by State and local governments for purposes of elections. For census purposes,

each State participating in Phase 2 of the 1990 Census Redistricting Data Program outlined the boundaries of VTD's around groups of whole census blocks on census maps. The entities identified as VTD's are not necessarily those legally or currently established. Also, to meet the ''whole block'' criterion, a State may have had to adjust VTD boundaries to nearby block boundaries. Therefore, the VTD's shown on the 1990 census tapes, listings, and maps may not represent the actual VTD's in effect at the time of the census. In the 1980 census, VTD's were referred to as ''election precincts.''

Each VTD is assigned a four-character alphanumeric code that is unique within each county. The code ''ZZZZ'' is assigned to nonparticipating areas; the Census Bureau reports data for areas coded ''ZZZZ.''

ZIP CODE®

ZIP Codes are administrative units established by the United States Postal Service (USPS) for the distribution of mail. ZIP Codes serve addresses for the most efficient delivery of mail, and therefore generally do not respect political or census statistical area boundaries. ZIP Codes usually do not have clearly identifiable boundaries, often serve a continually changing area, are changed periodically to meet postal requirements, and do not cover all the land area of the United States. ZIP Codes are identified by five-digit codes assigned by the USPS. The first three digits identify a major city or sectional distribution center, and the last two digits generally signify a specific post office's delivery area or point. For the 1990 census, ZIP Code data are tabulated for the five-digit codes in STF 3B.

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SUBJECT CHARACTERISTICS

LIVING QUARTERS

Living quarters are classified as either housing units or group quarters. (For more information, see the discussion under ''Group Quarters.'') Usually, living quarters are in structures intended for residential use (for example, a one-family home, apartment house, hotel or motel, boarding house, or mobile home). Living quarters also may be in structures intended for nonresidential use (for example, the rooms in a warehouse where a guard lives), as well as in places such as tents, vans, shelters for the homeless, dormitories, barracks, and old railroad cars.

Housing Units—A housing unit is a house, an apartment, a mobile home or trailer, a group of rooms or a single room occupied as separate living quarters or, if vacant, intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from outside the building or through a common hall.

The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements. For vacant units, the criteria of

separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants.

Both occupied and vacant housing units are included in the housing unit inventory, except that recreational vehicles, boats, vans, tents, railroad cars, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage yards are excluded from the housing inventory.

If the living quarters contain nine or more persons unrelated to the householder or person in charge, (a total of ten unrelated persons), they are classified as group quarters. If the living quarters contain eight or fewer persons unrelated to the householder or person in charge, they are classified as housing units.

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; that is, away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, the count of occupied housing units for 100-percent tabulations is the same as the count of households. In sample tabulations, the counts of household and occupied housing units may vary slightly because of different sample weighting methods.

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant. (For more information, see discussion under ''Usual Home Elsewhere.'')

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; that is, the roof, walls, windows, and/ or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is condemned or is to be demolished. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Hotels, Motels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from others in the building and have direct access, their quarters are classified as separate housing units.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered group quarters.

Comparability—The first Census of Housing in 1940 established the ''dwelling unit'' concept. Although the term became ''housing unit'' and the definition has been modified slightly in succeeding censuses, the 1990 definition is essentially comparable to previous censuses. There was no change in the housing unit definition between 1980 and 1990.

ACREAGE

The data on acreage were obtained from questionnaire items H5a and H19a. Question H5a is asked at all occupied and vacant one-family houses and mobile homes. Question H19a was asked on a sample basis at all occupied and vacant one-family houses and mobile homes.

Question H5a asks whether the house or mobile home is located on a place of 10 or more acres. The intent of this item is to eliminate one-family houses on 10 or more acres from the specified owner- and renter-occupied universes for value and rent tabulations.

Question H19a provides data on whether the unit is located on land of less than 1 acre. The main purpose of this item, in conjunction with question H19b on agricultural sales, is to identify farm units. (For more information, see discussion under ''Farm Residence.'')

For both items the land may consist of more than one tract or plot. These tracts or plots are usually adjoining; however, they may be separated by a road or creek, or another piece of land.

Comparability—Question H5a is similar as that asked in 1970 and 1980. This item was asked for the first time of mobile home occupants in 1990. Question H19a is an abbreviated form of a question asked at all housing units in 1980. In previous censuses, information on city or suburban lot and number of acres was also obtained.

AGE

The data on age were derived from answers to questionnaire item 5, which was asked of all persons. The age classification is based on the age of the person in completed years as of April 1, 1990. The age response in question 5a was normally used to represent a person's age. However, when the age response was unacceptable or unavailable, a person's age was derived from an acceptable year of birth response in question 5b.

Data on age are used to determine the applicability of other questions for a person and to classify other characteristics in census tabulations. Age data are needed to interpret most social and economic characteristics used to plan and examine many programs and policies. Therefore, age is tabulated by single years of age and by many different groupings, such as 5-year age groups.

Some tabulations are shown by the age of the householder. These data were derived from the age responses for each householder. (For more information on householder, see the discussion under ''Household Type and Relationship.'')

Median Age—This measure divides the age distribution into two equal parts: one-half of the cases falling below the median value and one-half above the value. Generally, median age is computed on the basis of more detailed age intervals than are shown in some census publications; thus, a median based on a less detailed distribution may differ slightly from a corresponding median for the same population based on a more detailed distribution. (For more information on medians, see the discussion under ''Derived Measures.'')

Limitation of the Data—Counts in 1970 and 1980 for persons 100 years old and over were substantially overstated. Improvements were made in the questionnaire design, in the allocation procedures, and to the respondent instruction guide to attempt to minimize this problem in 1990.

Review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. In addition, there may have been a tendency for respondents to round their age up if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger.

For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the section below that discusses ''Comparability.'')

Comparability—Age data have been collected in every census. For the first time since 1950, the 1990 data are not available by quarter year of age. This change was made so that coded information could be obtained for both age and year of birth. In each census since 1940, the age of a person was assigned when it was not reported. In censuses before 1940, with the exception of 1880, persons of unknown age were shown as a separate category. Since 1960, assignment of unknown age has been performed by a general procedure described as ''imputation.'' The specific procedures for imputing age have been different in each census. (For more information on imputation, see Appendix C, Accuracy of the Data.)

AGRICULTURAL SALES

Data on the sales of agricultural crops were obtained from questionnaire item H19b, which was asked on a sample basis at occupied one-family houses and mobile homes located on lots of one acre or more. Data for this item exclude units on lots of less than one acre, units located in structures containing 2 or more units, and all vacant units. This item refers to the total amount (before taxes and expenses) received in 1989 from the sale of crops, vegetables, fruits, nuts, livestock and livestock products, and nursery and forest products, produced on ''this property.'' Respondents new to a unit were asked to estimate total agricultural sales in 1989 even if some portion of the sales had been made by other occupants of the unit.

This item is used mainly to classify housing units as farm or nonfarm residences, not to provide detailed information on the sale of agricultural products. Detailed information on the sale of agricultural products is provided by the Census Bureau's Census of Agriculture *(Factfinder for the Nation: Agricultural Statistics,* Bureau of the Census, 1989). (For more information, see the discussion under ''Farm Residence.'')

BEDROOMS

The data on bedrooms were obtained from questionnaire item H9, which was asked at both occupied and vacant housing units. This item was asked on a sample respondents to round their age up if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger.

For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the section below that discusses ''Comparability.'')

Comparability—Age data have been collected in every census. For the first time since 1950, the 1990 data are not available by quarter year of age. This change was made so that coded information could be obtained for both age and year of birth. In each census since 1940, the age of a person was assigned when it was not reported. In censuses before 1940, with the exception of 1880, persons of unknown age were shown as a separate category. Since 1960, assignment of unknown age has been performed by a general procedure described as ''imputation.'' The specific procedures for imputing age have been different in each census. (For more information on imputation, see Appendix C, Accuracy of the Data.) basis. The number of bedrooms is the count of rooms designed to be used as bedrooms; that is, the number of rooms that would be listed as bedrooms if the house or apartment were on the market for sale or for rent. Included are all rooms intended to be used as bedrooms even if they currently are being used for some other purpose. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

Comparability—Data on bedrooms have been collected in every census since 1960. In 1970 and 1980, data for bedrooms were shown only for year-round units. In past censuses, a room was defined as a bedroom if it was used mainly for sleeping even if also used for other purposes. Rooms that were designed to be used as bedrooms but used mainly for other purposes were not considered to be bedrooms. A distribution of housing units by number of bedrooms calculated from data collected in a 1986 test showed virtually no differences in the two versions except in the two bedroom category, where the previous ''use'' definition showed a slightly lower proportion of units.

BOARDED-UP STATUS

Boarded-up status was obtained from questionnaire item C2 and was determined for all vacant units. Boarded-up units have windows and doors covered by wood, metal, or masonry to protect the interior and to prevent entry into the building. A single-unit structure, a unit in a multi-unit structure, or an entire multi-unit structure may be boarded-up in this way. For certain census data products, boarded-up units are shown only for units in the ''Other vacant'' category. A unit classified as ''Usual home elsewhere'' can never be boarded up. (For more information, see the discussion under ''Usual Home Elsewhere.'')

Comparability—This item was first asked in the 1980 census and was shown only for year-round vacant housing units. In 1990, data are shown for all vacant housing units.

BUSINESS ON PROPERTY

The data for business on property were obtained from questionnaire item H5b, which was asked at all occupied and vacant one-family houses and mobile homes. This question is used to exclude owner-occupied one-family on the property with business or medical offices from certain statistics on financial characteristics.

A business must be easily recognizable from the outside. It will usually have a separate outside entrance and have the appearance of a business, such as a grocery store, restaurant, or barbershop. It may be either attached to the house or mobile home or be located elsewhere on the property. Those housing units in which a room is used for business or professional purposes and have no recognizable alterations to the outside are *not* considered as having a business. Medical offices are considered businesses for tabulation purposes.

Comparability—Data on business on property have been collected since 1940.

CONDOMINIUM FEE

The data on condominium fee were obtained from questionnaire item H25, which was asked at owner-occupied condominiums. This item was asked on a sample basis. A condominium fee is normally charged monthly to the owners of the individual condominium units by the condominium owners association to cover operating, maintenance, administrative, and improvement costs of the common property, (grounds, halls, lobby, parking areas, laundry rooms, swimming pool, etc). The costs for utilities and fuels may be included in the condominium fee if the units do not have separate meters.

Data on condominium fees may include real estate tax and/ or insurance payments for the common property, but do not include real estate taxes nor fire, hazard, and flood insurance for the individual unit already reported in questions H21 and H22.

Amounts reported are the regular monthly payment, even if they are paid by someone outside the household or remain unpaid. Costs are estimated as closely as possible when exact costs are not known.

The data from this item are added to payments for mortgages (both first and junior mortgages and home equity loans), real estate taxes, fire, hazard, and flood insurance payments, utilities, and fuels to derive ''Selected Monthly Owner Costs'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989'' for condominium owners.

Comparability—This is a new item in 1990.

CONDOMINIUM STATUS

The data on condominium housing units were obtained from questionnaire item H18, which was asked at both occupied and vacant housing units. Condominium is a type of ownership that enables a person to own an apartment or house in a development of similarly owned units and to hold a common or joint ownership in some or all of the common areas and facilities such as land, roof, hallways, entrances, elevators, swimming pool, etc. Condominiums may be single-family houses as well as units in apartment buildings. A condominium unit need not be occupied by the owner to be counted as such. A unit classified as ''mobile home or trailer'' or ''other'' (see discussion under ''Units in Structure'') cannot be a condominium unit.

Limitation of the Data—Testing done prior to the 1980 and 1990 censuses indicated that the number of condominiums may be slightly overstated.

Comparability—In 1970, condominiums were grouped together with cooperative housing units, and the data were reported only for owner-occupied cooperatives and condominiums. Beginning in 1980, the census identified all condominium units and the data were shown for renter-occupied and vacant year-round condominiums as well as owner occupied. In 1970 and 1980, the question on condominiums was asked on a 100-percent basis. In 1990, it was asked on a sample basis.

CONTRACT RENT

The data on contract rent (also referred to as ''rent asked'' for vacant units) were obtained from questionnaire item H7a, which was asked at all occupied housing units that were rented for cash rent and all vacant housing units that were for rent at the time of enumeration.

Housing units that are renter occupied without payment of cash rent are shown separately as ''No cash rent'' in census data products. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. Rent-free houses or apartments may be provided to compensate caretakers, ministers, tenant farmers, sharecroppers, or others.

Contract rent is the monthly rent agreed to or contracted for, regardless of any furnishings, utilities, fees, meals, or services that may be included. For vacant units, it is the monthly rent asked for the rental unit at the time of enumeration.

If the contract rent includes rent for a business unit or for living quarters occupied by another household, the respondent was instructed to report that part of the rent estimated to be for his or her unit only. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises.

If a renter pays rent to the owner of a condominium or cooperative, and the condominium fee or cooperative carrying charge is also paid by the renter to the owner, the respondent was instructed to include the fee or carrying charge.

If a renter receives payments from lodgers or roomers who are listed as members of the household, the respondent was instructed to report the rent without deduction for any payments received from the lodgers or roomers. The respondent was instructed to report the rent agreed to or contracted for even if paid by someone else such as friends or relatives living elsewhere, or a church or welfare agency.

In some tabulations, contract rent is presented for all renter-occupied housing units, as well as specified renter-occupied and vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses and mobile homes on 10 or more acres. (For more information on rent, see the discussion under ''Gross Rent.'')

Median and Quartile Contract Rent—The median divides the rent distribution into two equal parts. Quartiles divide the rent distribution into four equal parts. In computing median and quartile contract rent, units reported as ''No cash rent'' are excluded. Median and quartile rent calculations are rounded to the nearest whole dollar. (For more information on medians and quartiles, see the discussion under ''Derived Measures.'')

Aggregate Contract Rent—To calculate aggregate contract rent, the amount assigned for the category ''Less than $80'' is $50. The amount assigned to the category ''$1,000 or more'' is $1,250. Mean contract rent is rounded to the nearest whole dollar. (For more information on aggregates and means, see the discussion under ''Derived Measures.'')

Limitation of the Data—In the 1970 and 1980 censuses, contract rent for vacant units had high allocation rates, about 35 percent.

Comparability—Data on this item have been collected since 1930. For 1990, quartiles were added because the range of rents and values in the United States has increased in recent years. Upper and lower quartiles can be used to note large rent and value differences among various geographic areas.

DURATION OF VACANCY

The data for duration of vacancy (also referred to as ''months vacant'') were obtained from questionnaire item D, which was completed by census enumerators. The statistics on duration of vacancy refer to the length of time (in months and years) between the date the last occupants moved from the unit and the time of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant.

For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed. Units occupied by an entire household with a usual home elsewhere are assigned to the ''Less than 1 month'' interval.

Comparability—Similar data have been collected since 1960. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units.

FARM POPULATION

The farm population consists of persons in households living in farm residences. Some persons who are counted on a property classified as a farm (including in some cases farm workers) are excluded from the farm population. Such persons include those who reside in multi-unit buildings or group quarters.

The data on farm residence were obtained from questionnaire items H19a and H19b. An occupied one-family house or mobile home is classified as a farm residence if (1) the housing unit is located on a property of one acre or more, and (2) at least $1,000 worth of agricultural products were sold from the property in 1989. Group quarters and housing units that are in multi-unit buildings or vacant are not included as farm residences.

A one-family unit occupied by a tenant household paying cash rent for land and buildings is enumerated as a farm residence only if sales of agricultural products from its yard (as opposed to the general property on which it is located) amounted to at least $1,000 in 1989. A one-family unit occupied by a tenant household that does not pay cash rent is enumerated as a farm residence if the remainder of the farm (including its yard) qualifies as a farm.

Farm residence is provided as an independent data item only for housing units located in rural areas. It may be derived for housing units in urban areas from the data items on acreage and sales of agricultural products on the public-use microdata samples (PUMS).

Comparability—These are the same criteria that were used to define a farm residence in 1980. In 1960 and 1970, a farm was defined as a place of 10 or more acres with at least $50 worth of agricultural sales or a place of less than 10 acres with at least $250 worth of agricultural sales. Earlier censuses used other definitions. Note that the definition of a farm residence differs from the definition of a farm in the Census of Agriculture (*Factfinder for the Nation: Agricultural Statistics*, Bureau of the Census, 1989).

GROUP QUARTERS

All persons not living in households are classified by the Census Bureau as living in group quarters. Two general categories of persons in group quarters are recognized: (1) institutionalized persons and (2) other persons in group quarters (also referred to as ''noninstitutional group quarters''). Information on the housing characteristics of group quarters was not collected in the census.

Institutionalized Persons—Includes persons under formally authorized, supervised care or custody in institutions at the time of enumeration. Such persons are classified as ''patients or inmates'' of an institution regardless of the availability of nursing or medical care, the length of stay, or the number of persons in the institution. Generally, institutionalized persons are restricted to the institutional buildings and grounds (or must have passes or escorts to leave) and thus have limited interaction with the surrounding community. Also, they are generally under the care of trained staff who have responsibility for their safekeeping and supervision.

Institutions include schools, hospitals, or wards for the physically or mentally handicapped; hospitals or wards for mental, tubercular, or chronic disease patients; wards in general and military hospitals for patients who have no usual home elsewhere; hospital wards for drug/ alcohol abuse; rooms for long-term care patients in wards or buildings on the grounds of hospitals, nursing homes, convalescent homes, and rest homes for the aged and dependent; juvenile institutions, including homes, schools, hospitals, orphanages, or residential-care facilities for neglected, abused, and dependent children; and correctional institutions, including halfway houses operated for correctional purposes. ''Staff residents''; that is, staff personnel who live at the institution are classified with the ''Noninstitutional group quarters'' population.

Other Persons in Group Quarters (also referred to as ''noninstitutional group quarters'')—Includes all persons who live in group quarters other than institutions. Persons who live in the following living quarters are classified as ''other persons in group quarters'' when there are 10 or more unrelated persons living in the unit; otherwise, these living quarters are classified as housing units.

- Rooming Houses
- Group Homes
- Religious Group Quarters
- College Quarters Off Campus

Persons residing in certain other types of living arrangements are classified as living in ''noninstitutional group quarters'' regardless of the number of people sharing the unit. These include persons residing in the following types of group quarters:

- College Dormitories
- Military Quarters
- Agriculture Workers' Dormitories
- Other Workers' Dormitories
- Emergency Shelters for Homeless Persons (with sleeping facilities)
- Visible in Street Locations
- Dormitories for Nurses and Interns in General and Military Hospitals
- Crews of Maritime Vessels
- Staff Residents of Institutions
- Other Nonhousehold Living Situations
- Living Quarters for Victims of Natural Disasters

Comparability—For the 1990 census, the definition of institutionalized persons was revised so that the definition of ''care'' only includes persons under organized medical or formally-authorized, supervised care or custody. As a result of this change to the institutional definition, maternity homes are classified as noninstitutional rather than institutional group quarters as in previous censuses. The following types of other group quarters are classified as institutional rather than noninstitutional group quarters: ''halfway houses (operated for correctional purposes)'' and ''wards in general and military hospitals for patients who have no usual home elsewhere,'' which includes maternity, neonatal, pediatric, military, and surgical wards of hospitals, other-purpose wards of hospitals, and wards for persons with infectious diseases. These changes should not significantly affect the comparability of data with earlier censuses because of the relatively small number of persons involved.

As in 1980, 10 or more unrelated persons living together were classified as living in noninstitutional group quarters. In 1970, the criteria was six or more unrelated persons.

In 1990 census data products, the phrase ''inmates of institutions'' was changed to ''institutionalized persons.'' Also, persons living in noninstitutional group quarters were referred to as ''other persons in group quarters,'' and the phrase ''staff residents'' was used for staff living in institutions. (For more information on ''Group Quarters,'' see 1990 CP-1, *General Population Characteristics.)*

GROSS RENT

Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else). Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of utilities and fuels are reported on a yearly basis but are converted to monthly figures for the tabulations. Renter units occupied without payment of cash rent are shown separately as ''No cash rent'' in the tabulations. Gross rent is calculated on a sample basis.

Comparability—Data on gross rent have been collected since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

Gross rent as a percentage of household income in 1989 is a computed ratio of monthly gross rent to monthly household income (total household income in 1989 divided by 12). The ratio was computed separately for each unit and was rounded to the nearest whole percentage. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss in 1989 comprise the category ''Not computed.'' This item is calculated on a sample basis.

HISPANIC ORIGIN

The data on Spanish/ Hispanic origin were derived from answers to questionnaire item 7, which was asked of all persons. Persons of Hispanic origin are those who

classified themselves in one of the specific Hispanic origin categories listed on the questionnaire—''Mexican,'' ''Puerto Rican,'' or ''Cuban''—as well as those who indicated that they were of ''other Spanish/ Hispanic'' origin. Persons of ''Other Spanish/ Hispanic'' origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or the Dominican Republic, or they are persons of Hispanic origin identifying themselves generally as Spanish, Spanish-American, Hispanic, Hispano, Latino, and so on. Write-in responses to the ''other Spanish/ Hispanic'' category were coded only for sample data.

Origin can be viewed as the ancestry, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. Persons of Hispanic origin may be of any race.

Some tabulations are shown by the Hispanic origin of the householder. In all cases where households, families, or occupied housing units are classified by Hispanic origin, the Hispanic origin of the householder is used. (See the discussion of householder under ''Household Type and Relationship.'')

During direct interviews conducted by enumerators, if a person could not provide a single origin response, he or she was asked to select, based on self-identification, the group which best described his or her origin or descent. If a person could not provide a single group, the origin of the person's mother was used. If a single group could not be provided for the person's mother, the first origin reported by the person was used.

If any household member failed to respond to the Spanish/ Hispanic origin question, a response was assigned by the computer according to the reported entries of other household members by using specific rules of precedence of household relationship. In the processing of sample questionnaires, responses to other questions on the questionnaire, such as ancestry and place of birth, were used to assign an origin before any reference was made to the origin reported by other household members. If an origin was not entered for any household member, an origin was assigned from another household according to the race of the householder. This procedure is a variation of the general imputation process described in Appendix C, Accuracy of the Data.

Comparability—There may be differences between the data on Hispanic origin of the householder based on 100-percent tabulations and sample tabulations. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures for the Spanish/ Hispanic origin item on the sample questionnaires. (For more information on sampling variability and nonsampling error, see Appendix C, Accuracy of the Data.)

The 1990 data on Hispanic origin of the householder are generally comparable with those for the 1980 census. However, there are some differences in the format of the Hispanic origin question between the two censuses. For 1990, the word ''descent'' was deleted from the 1980 wording. In addition, the term ''Mexican-Amer.'' used in 1980 was shortened further to ''Mexican-Am.'' to reduce misreporting (of ''American'') in this category detected in the 1980 census. Also, the 1990 question allowed those who reported as ''other Spanish/ Hispanic'' to write in their specific Hispanic origin group. Misreporting in the ''Mexican-Amer.'' category of the 1980 census item on Spanish/ Hispanic origin may affect the comparability of 1980 and 1990 census data for persons of Hispanic origin for certain areas of the country. (For more information on ''Hispanic Origin,'' see 1990 CP-1, *General Population Characteristics*.)

HOUSE HEATING FUEL

The data on house heating fuel were obtained from questionnaire item H14, which was asked at occupied housing units. This item was asked on a sample basis. The data show the type of fuel used most to heat the house or apartment.

Utility Gas—Includes gas piped through underground pipes from a central system to serve the neighborhood.

Bottled, Tank, or LP Gas—Includes liquid propane gas stored in bottles or tanks which are refilled or exchanged when empty.

Fuel Oil, Kerosene, Etc.—Includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids.

Wood—Includes purchased wood, wood cut by household members on their property or elsewhere, driftwood, sawmill or construction scraps, or the like.

Solar Energy—Includes heat provided by sunlight which is collected, stored, and actively distributed to most of the rooms.

Other Fuel—Includes all other fuels not specified elsewhere.

No Fuel Used—Includes units that do not use any fuel or that do not have heating equipment.

Comparability—Data on house heating fuel have been collected since 1940. The category, ''Solar energy'' is new for 1990.

HOUSEHOLD TYPE AND RELATIONSHIP

Household

A household includes all the persons who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is

occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements.

In 100-percent tabulations, the count of households or householders always equals the count of occupied housing units. In sample tabulations, the numbers may differ as a result of the weighting process.

Persons Per Household—A measure obtained by dividing the number of persons in households by the number of households (or householders). In cases where persons in households are cross-classified by race or Hispanic origin, persons in the household are classified by the race or Hispanic origin of the householder rather than the race or Hispanic origin of each individual.

Relationship to Householder

Householder—The data on relationship to householder were derived from answers to questionnaire item 2, which was asked of all persons in housing units. One person in each household is designated as the householder. In most cases, this is the person, or one of the persons, in whose name the home is owned, being bought, or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member 15 years old and over could be designated as the householder.

Households are classified by type according to the sex of the householder and the presence of relatives. Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more persons related to him or her by birth, marriage, or adoption. The householder and all persons in the household related to him or her are family members. A nonfamily householder is a householder living alone or with nonrelatives only.

Spouse—Includes a person married to and living with a householder. This category includes persons in formal marriages, as well as persons in common-law marriages.

The number of spouses is equal to the number of ''married-couple families'' or ''married-couple households'' in 100-percent tabulations. The number of spouses, however, is generally less than half of the number of ''married persons with spouse present'' in sample tabulations, since more than one married couple can live in a household, but only spouses of householders are specifically identified as ''spouse.'' For sample tabulations, the number of ''married persons with spouse present'' includes married-couple subfamilies and married-couple families.

Child—Includes a son or daughter by birth, a stepchild, or adopted child of the householder, regardless of the child's age or marital status. The category excludes sons-in-law, daughters-in-law, and foster children.

Own Child—A never-married child under 18 years who is a son or daughter by birth, a stepchild, or an adopted child of the householder. In certain tabulations, own children are further classified as living with two parents or with one parent only. Own children of the householder living with two parents are by definition found only in married-couple families.

''Related children'' in a family include own children and all other persons under 18 years of age in the household, regardless of marital status, who are related to the householder, except the spouse of the householder. Foster children are not included since they are not related to the householder.

Other Relatives—In tabulations, includes any household member related to the householder by birth, marriage, or adoption, but not included specifically in another relationship category.

Nonrelatives—Includes any household member, including foster children not related to the householder by birth, marriage, or adoption.

When relationship is not reported for an individual, it is imputed according to the responses for age, sex, and marital status for that person while maintaining consistency with responses for other individuals in the household. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Unrelated Individual

An unrelated individual is: (1) a householder living alone or with nonrelatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

Family Type

A family consists of a householder and one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption. All persons in a household who are related to the householder are regarded as members of his or her family. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated persons or one person living alone.

Families are classified by type as either a ''married-couple family'' or ''other family'' according to the sex of the householder and the presence of relatives. The data on family type are based on answers to questions on sex and relationship which were asked on a 100-percent basis.

Married-Couple Family—A family in which the householder and his or her spouse are enumerated as members of the same household.

Other Family:

Male Householder, No Wife Present—A family with a male householder and no spouse of householder present.

Female Householder, No Husband Present—A family with a female householder and no spouse of householder present.

Persons Per Family—A measure obtained by dividing the number of persons in families by the total number of families (or family householders). In cases where the measure, ''persons in family'' or ''persons per family'' are cross-tabulated by race or Hispanic origin, the race or Hispanic origin refers to the householder rather than the race or Hispanic origin of each individual.

Comparability—The 1990 definition of a household is the same as that used in 1980. The 1980 relationship category ''Son/ daughter'' has been replaced by two categories, ''Natural-born or adopted son/ daughter'' and ''Stepson/ stepdaughter.'' ''Grandchild'' has been added as a separate category. The 1980 nonrelative categories: ''Roomer, boarder'' and ''Partner, roommate'' have been replaced by the categories ''Roomer, boarder, or foster child,'' ''Housemate, roommate,'' and ''Unmarried partner.'' The 1980 nonrelative category ''Paid employee'' has been dropped.

INCOME IN 1989

The data on income in 1989 were derived from answers to questionnaire items 32 and 33. Information on money income received in the calendar year 1989 was requested from persons 15 years old and over. ''Total income'' is the algebraic sum of the amounts reported separately for wage or salary income; net nonfarm self-employment income; net farm self-employment income; interest, dividend, or net rental or royalty income; Social Security or railroad retirement income; public assistance or welfare income; retirement or disability income; and all other income.

Receipts from the following sources are not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income ''in kind'' from food stamps, public housing subsidies, medical care, employer contributions for persons, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Income of Households—Includes the income of the householder and all other persons 15 years old and over in the household, whether related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income.

Median Income—The median divides the income distribution into two equal parts, one having incomes above the median and the other having incomes below the median. For households, the median income is based on the distribution of the total number of units including those with no income. The median income values for all households are computed on the basis of more detailed income intervals than shown in most tabulations. Median household income figures of $50,000 or less are calculated using linear interpolation. All other median income amounts are derived through Pareto interpolation. (For more information on medians and interpolation, see the discussion under ''Derived Measures.'')

Mean Income—This is the amount obtained by dividing the total income of a particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. For the various types of income the means are based on households having those types of income.

Care should be exercised in using and interpreting mean income values for small subgroups of the population. Because the mean is influenced strongly by extreme values in the distribution, it is especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is, therefore, a better measure than the mean when the population base is small. The mean, nevertheless, is shown in some data products for most small subgroups because, when weighted according to the number of cases, the means can be added to obtained summary measures for areas and groups other than those shown in census tabulations.

Limitation of the Data—Since questionnaire entries for income frequently are based on memory and not on records, many persons tended to forget minor or irregular sources of income and, therefore, underreport their income. Underreporting tends to be more pronounced for income sources that are not derived from earnings, such as Social Security, public assistance, or from interest, dividends, and net rental income.

There are errors of reporting due to the misunderstanding of the income questions such as reporting gross rather than net dollar amounts for the two questions on net self-employment income, which resulted in an overstatement of these items. Another common error is the reporting of identical dollar amounts in two of

the eight type of income items where a respondent with only one source of income assumed that the second amount should be entered to represent total income. Such instances of overreporting had an impact on the level of mean nonfarm or farm self-employment income and mean total income published for the various geographical subdivisions of the State.

In income tabulations for households, the lowest income group (e.g., less than $5,000) includes units that were classified as having no 1989 income. Many of these were living on income ''in kind,'' savings, or gifts, were newly created families, or families in which the sole breadwinner had recently died or left the household. However, many of the households that reported no income probably had some money income which was not recorded in the census.

Comparability—The income data collected in the 1980 and 1970 censuses are similar to the 1990 census data, but there are variations in the detail of the questions. In 1980, income information for 1979 was collected from persons in approximately 19 percent of all housing units and group quarters. Each person was required to report:

- Wage or salary income
- Net nonfarm self-employment income
- Net farm self-employment income
- Interest, dividend, or net rental or royalty income
- Social Security income
- Public assistance income
- Income from all other sources

Between the 1980 and 1990 censuses, there were minor differences in the processing of the data. In both censuses, all persons with missing values in one or more of the detailed type of income items *and* total income were designated as allocated. Each missing entry was imputed either as a ''no'' or as a dollar amount. If total income was reported *and* one or more of the type of income fields was not answered, then the entry in total income generally was assigned to one of the income types according to the socioeconomic characteristics of the income recipient. This person was designated as unallocated.

In 1980 and 1990, all nonrespondents with income not reported (whether heads of households or other persons) were assigned the reported income of persons with similar characteristics. (For more information on imputation, see Appendix C, ''Accuracy of the Data.'')

For several reasons, the income data shown in census tabulations are not directly comparable with those that may be obtained from statistical summaries of income tax returns. Income, as defined for Federal tax purposes, differs somewhat from the Census Bureau concept. (For more detailed information on ''Income in 1989,'' see 1990 CP-2, *Social and Economic Characteristics.)*

INSURANCE FOR FIRE, HAZARD, AND FLOOD

The data for fire, hazard, and flood insurance were obtained from questionnaire item H22, which was asked at owner-occupied one-family houses, condominiums, and mobile homes. The statistics for this item refer to the annual premium for fire, hazard, and flood insurance on the property (land and buildings); that is, policies that protect the property and its contents against loss due to damage by fire, lightning, winds, hail, flood, explosion, and so on.

Liability policies are included only if they are paid with the fire, hazard, and flood insurance premiums and the amounts for fire, hazard, and flood cannot be separated. Premiums are included even if paid by someone outside the household or remain unpaid. When premiums are paid on other than a yearly basis, the premiums are converted to a yearly basis.

The payment for fire, hazard, and flood insurance is added to payments for real estate taxes, utilities, fuels, and mortgages (both first and junior mortgages and home equity loans) to derive ''Selected Monthly Owner Costs'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989.''

A separate question (H23d) determines whether insurance premiums are included in the mortgage payment to the lender(s). This makes it possible to avoid counting these premiums twice in the computations.

Comparability—Data on payment for fire and hazard insurance were collected for the first time in 1980. Flood insurance was not specifically mentioned in the wording of the question in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It was also asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

KITCHEN FACILITIES

Data on kitchen facilities were obtained from questionnaire item H11, which was asked at both occupied and vacant housing units. A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range, cook top and convection or microwave oven, or cookstove, and (3) a refrigerator. All kitchen facilities must be located in the

structure. They need not be in the same room. Portable cooking equipment is not considered a range or cookstove. An ice box is not considered to be a refrigerator.

Comparability—Data on complete kitchen facilities were collected for the first time in 1970. Earlier censuses collected data on individual components, such as kitchen sink and type of refrigeration equipment. In 1970 and 1980, data for kitchen facilities were shown only for year-round units.

MARITAL STATUS

The data on marital status were derived from answers to questionnaire item 6, which was asked of all persons. The marital status classification refers to the status at the time of enumeration. Data on marital status are tabulated only for persons 15 years old and over.

All persons were asked whether they were ''now married,'' ''widowed,'' ''divorced,'' ''separated,'' or ''never married.'' Couples who live together (unmarried persons, persons in common-law marriages) were allowed to report the marital status they considered the most appropriate.

When marital status was not reported, it was imputed according to the relationship to the householder and sex and age of the person. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Comparability—The 1990 marital status definitions are the same as those used in 1980 with the exception of the term ''never married'' which replaces the term ''single'' in tabulations. A general marital status question has been asked in every census since 1880.

MEALS INCLUDED IN RENT

The data on meals included in the rent were obtained from questionnaire item H7b, which was asked of all occupied housing units that were rented for cash and all vacant housing units that were for rent at the time of enumeration.

The statistics on meals included in rent are presented for specified renter-occupied and specified vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses on 10 or more acres. (For more information, see the discussion under ''Contract Rent.'')

Comparability—This is a new item in 1990. It is intended to measure ''congregate'' housing which is generally considered to be housing units where the rent includes meals and other services, such as transportation and recreation.

MOBILE HOME COSTS

The data on mobile home costs were obtained from questionnaire item H26, which was asked at owner-occupied mobile homes. This item was asked on a sample basis.

These data include the total yearly costs for personal property taxes, land or site rent, registration fees, and license fees on all owner-occupied mobile homes. The instructions are to not include real estate taxes already reported in question H21.

Costs are estimated as closely as possible when exact costs are not known. Amounts are the total for an entire 12-month billing period, even if they are paid by someone outside the household or remain unpaid.

The data from this item are added to payments for mortgages, real estate taxes, fire, hazard, and flood insurance payments, utilities, and fuels to derive selected monthly owner costs for mobile homes owners.

Comparability—This item is new for 1990.

MORTGAGE PAYMENT

The data on mortgage payment were obtained from questionnaire item H23b, which was asked at owner occupied one-family houses, condominiums, and mobile homes. This item was asked on a sample basis. Question H23b provides the regular monthly amount required to be paid the lender for the first mortgage (deed of trust, contract to purchase, or similar debt) on the property. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of ''Selected Monthly Owner Costs'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989'' for units with a mortgage.

The amounts reported include everything paid to the lender including principal and interest payments, real estate taxes, fire, hazard, and flood insurance payments, and mortgage insurance premiums. Separate questions determine whether real estate taxes and fire, hazard, or flood insurance payments are included in the mortgage payment to the lender. This makes it possible to avoid counting these components twice in the computation of ''Selected Monthly Owner Costs.''

Comparability—Information on mortgage payment was collected for the first time in 1980. It was collected only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, one-family houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions on monthly mortgage payments were asked of all owner-occupied one-family

houses, including one-family houses on 10 or more acres. They were also asked at mobile homes, condominiums, and one-family houses with a business or medical office.

The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from a single question. Two questions were used in 1990; one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages or home equity loans. (For more information, see the discussion under ''Second or Junior Mortgage Payment.'')

MORTGAGE STATUS

The data on mortgage status were obtained from questionnaire items H23a and H24a, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. ''Mortgage'' refers to all forms of debt where the property is pledged as security for repayment of the debt. It includes such debt instruments as deeds of trust, trust deeds, contracts to purchase, land contracts, junior mortgages and home equity loans.

A mortgage is considered a first mortgage if it has prior claim over any other mortgage, or if it is the only mortgage on the property. All other mortgages, (second, third, etc.) are considered junior mortgages. A home equity loan is generally a junior mortgage. If no first mortgage is reported, but a junior mortgage or home equity loan is reported, then the loan is considered a first mortgage.

In most census data products, the tabulations for ''Selected Monthly Owner Costs'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989'' are usually shown separately for units ''with a mortgage'' and for units ''not mortgaged.'' The category ''not mortgaged'' is comprised of housing units owned free and clear of debt.

Comparability—A question on mortgage status was included in the 1940 and 1950 censuses, but not in the 1960 and 1970 censuses. The item was reinstated in 1980 along with a separate question dealing with the existence of second or junior mortgages. In 1980, the mortgage status questions were asked at owner-occupied one-family houses on less than 10 acres. Excluded were mobile homes, condominiums, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions were asked of all one-family owner-occupied housing units, including houses on 10 or more acres. They were also asked at mobile homes, condominiums, and houses with a business or medical office.

PERSONS IN UNIT

This item is based on the 100-percent count of persons in occupied housing units. All persons occupying the housing unit are counted, including the householder, occupants related to the householder and lodgers, roomers, boarders, and so forth.

The data on ''persons in unit'' show the number of housing units occupied by the specified number of persons. The phrase ''persons in unit'' is used for housing tabulations, ''persons in households'' for population items. Figures for ''persons in unit'' match those for ''persons in household'' for 100-percent data products. In sample products, they may differ because of the weighting process.

Median Persons in Unit—In computing median persons in unit, a whole number is used as the midpoint of an interval; thus, a unit with 4 persons is treated as an interval ranging from 3.5 to 4.5 persons. Median persons is rounded to the nearest hundredth. (For more information on medians, see the discussion under ''Derived Measures.'')

Persons in Occupied Housing Units—This is the total population minus those persons living in group quarters. ''Persons per occupied housing unit'' is computed by dividing the population living in housing units by the number of occupied housing units.

PERSONS PER ROOM

''Persons per room'' is obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Mean Persons Per Room—This is computed by dividing persons in housing units by the aggregate number of rooms. This is intended to provide a measure of utilization. A higher mean may indicate a greater degree of utilization or crowding; a low mean may indicate underutilization. (For more information on means, see the discussion under ''Derived Measures.'')

PLUMBING FACILITIES

The data on plumbing facilities were obtained from questionnaire item H10, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Complete plumbing facilities include hot and cold piped water, a flush toilet, and a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities are not present.

Comparability—The 1990 data on complete plumbing facilities are not strictly comparable with the 1980 data. In 1980, complete plumbing facilities were defined as hot and cold piped water, a bathtub or shower, and a flush toilet in the housing unit for the exclusive use of

the residents of that unit. In 1990, the Census Bureau dropped the requirement of exclusive use from the definition of complete plumbing facilities. Of the 2.3 million year-round housing units classified in 1980 as lacking complete plumbing for exclusive use, approximately 25 percent of these units had complete plumbing but the facilities were also used by members of another household. From 1940 to 1970, separate and more detailed questions were asked on piped water, bathing, and toilet facilities. In 1970 and 1980, the data on plumbing facilities were shown only for year-round units.

POVERTY STATUS IN 1989

The data on poverty status of households were derived from answers to the same questions as the income data. This item was asked on a sample basis. Households are classified below the poverty level when the total 1989 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria; size of family, number of children, and age of the family householder or unrelated individual. (For more information, on ''Poverty Status in 1989'' and ''Income in 1989,'' see 1990 CP-2, *Social and Economic Characteristics.)*

RACE

The data on race were derived from answers to questionnaire item 4, which was asked of all persons. The concept of race as used by the Census Bureau reflects self-identification; it does not denote any clear-cut scientific definition of biological stock. The data for race represent self-classification by people according to the race with which they most closely identify. Furthermore, it is recognized that the categories of the race item include both racial and national origin or socio-cultural groups.

During direct interviews conducted by enumerators, if a person could not provide a single response to the race question, he or she was asked to select, based on self-identification, the group which best described his or her racial identity. If a person could not provide a single race response, the race of the mother was used. If a single race response could not be provided for the person's mother, the first race reported by the person was used. In all cases where occupied housing units, households, or families are classified by race, the race of the householder was used.

The racial classification used by the Census Bureau generally adheres to the guidelines in Federal Statistical Directive No. 15, issued by the Office of Management and Budget, which provides standards on ethnic and racial categories for statistical reporting to be used by all Federal agencies. In this report, data are presented for housing units classified by the race of the householder. The racial categories used in the 1990 census data products are provided below.

White—Includes persons who indicated their race as ''White'' or reported entries such as Canadian, German, Italian, Lebanese, Near Easterner, Arab, or Polish.

Black—Includes persons who indicated their race as ''Black or Negro'' or reported entries such as African American, Afro-American, Black Puerto Rican, Jamaican, Nigerian, West Indian, or Haitian.

American Indian, Eskimo, or Aleut—Includes persons who classified themselves as such in one of the specific race categories identified below.

American Indian—Includes persons who indicated their race as ''American Indian,'' entered the name of an Indian tribe, or reported such entries as Canadian Indian, French-American Indian, or Spanish-American Indian.

Eskimo—Includes persons who indicated their race as ''Eskimo'' or reported entries such as Arctic Slope, Inupiat, and Yupik.

Aleut—Includes persons who indicated their race as ''Aleut'' or reported entries such as Alutiiq, Egegik, and Pribilovian.

Asian or Pacific Islander—Includes persons who reported in one of the Asian or Pacific Islander groups listed on the questionnaire or who provided write-in responses such as Thai, Nepali, or Tongan. A more detailed listing of the groups comprising the Asian or Pacific Islander population is presented in figure 1 below. In some data products, information is presented separately for the Asian population and the Pacific Islander population.

Asian—Includes ''Chinese,'' ''Filipino,'' ''Japanese,'' ''Asian Indian,'' ''Korean,'' ''Vietnamese,'' and ''Other Asian.'' In some tables, ''Other Asian'' may not be shown separately, but is included in the total Asian population.

Chinese—Includes persons who indicated their race as ''Chinese'' or who identified themselves as Cantonese, Tibetan, or Chinese American. In standard census reports, persons who reported as ''Taiwanese'' or ''Formosan'' are included here with Chinese.

In special reports on the Asian or Pacific Islander population, information on persons who identified themselves as Taiwanese are shown separately.

Filipino—Includes persons who indicated their race as ''Filipino'' or reported entries such as Philipino, Philipine, or Filipino American.

Japanese—Includes persons who indicated their race as ''Japanese'' and persons who identified themselves as Nipponese or Japanese American.

Asian Indian—Includes persons who indicated their race as ''Asian Indian'' and persons who identified themselves as Bengalese, Bharat, Dravidian, East Indian, or Goanese.

Korean—Includes persons who indicated their race as ''Korean'' and persons who identified themselves as Korean American.

Vietnamese—Includes persons who indicated their race as ''Vietnamese'' and persons who identified themselves as Vietnamese American.

Cambodian—Includes persons who provided a write-in response such as Cambodian or Cambodia.

Hmong—Includes persons who provided a write-in response such as Hmong, Laohmong, or Mong.

Laotian—Includes persons who provided a write-in response such as Laotian, Laos, or Lao.

Thai—Includes persons who provided a write-in response such as Thai, Thailand, or Siamese.

Other Asian—Includes persons who provided a write-in response of Bangladeshi, Burmese, Indonesian, Pakistani, Sri Lankan, Amerasian, or Eurasian. See figure 1 for other groups comprising ''Other Asian.''

Pacific Islander—Includes persons who indicated their race as ''Pacific Islander'' by classifying themselves into one of the following race categories or identifying themselves as one of the Pacific Islander cultural groups of Polynesian, Micronesian, or Melanesian.

Hawaiian—Includes persons who indicated their race as ''Hawaiian'' as well as persons who identified themselves as Part Hawaiian or Native Hawaiian.

Samoan—Includes persons who indicated their race as ''Samoan'' or persons who identified themselves as American Samoan or Western Samoan.

Guamanian—Includes persons who indicated their race as ''Guamanian'' or persons who identified themselves as Chamorro or Guam.

Other Pacific Islander—Includes persons who provided a write-in response of a Pacific Islander group such as Tahitian, Northern Mariana Islander, Palauan, Fijian, or a cultural group such as Polynesian, Micronesian, or Melanesian. See figure 1 for other groups comprising ''Other Pacific Islander.''

Other Race—Includes all other persons not included in the ''White,'' ''Black,'' ''American Indian, Eskimo, or Aleut,'' and the ''Asian or Pacific Islander'' race categories described above. Persons reporting in the ''Other race'' category and providing write-in entries such as multiracial, multiethnic, mixed, interracial, Wesort, or a Spanish/ Hispanic origin group (such as Mexican, Cuban, or Puerto Rican) are included here.

Written entries to three categories on the race item—''Indian (Amer.),'' ''Other Asian or Pacific Islander (API),'' and ''Other race''—were reviewed, edited, and coded by subject matter specialists. (For more information on the coding operation, see the section below that discusses ''Comparability.'')

If the race entry for a member of a household was missing on the questionnaire, race was assigned based upon the reported entries of race by other household members using specific rules of precedence of household relationship. For example, if race was missing for the daughter of the householder, then the race of her mother (as female householder or female spouse) would be assigned. If there was no female householder or spouse in the household, the daughter would be assigned her father's (male householder) race. If race was not reported for anyone in the household, the race of a householder in a previously processed household was assigned. This procedure is a variation of the general imputation procedures described in Appendix C, Accuracy of the Data.

Limitation of the Data—In the 1990 census, respondents sometimes did not fill in a circle or filled the ''Other race'' circle and wrote in a response, such as Arab, Polish, or African American in the shared write-in box for ''Other race'' and ''Other API'' responses. During the automated coding process, these responses were edited and assigned to the appropriate racial designation. Also, some Hispanic origin persons did not fill in a circle, but provided entries such as Mexican or Puerto Rican. These persons were classified in the ''Other race'' category during the coding and editing process. Since sample processing included additional editing, there may be some minor differences between sample data and 100-percent data.

Comparability—Differences between the 1990 census and earlier censuses affect the comparability of data for certain racial groups. The 1990 census was the first census to undertake, on a 100-percent basis, an automated review, edit, and coding operation for written responses to the race item. The automated coding system used in the 1990 census greatly reduced the potential for error associated with a clerical review. Specialists with a thorough knowledge of the race subject matter reviewed, edited, coded, and resolved inconsistent or incomplete responses. In the 1980 census, there was only a limited clerical review of the race responses on the 100-percent forms with a full clerical review conducted only on the sample questionnaires.

Another major difference between the 1990 and preceding censuses is the handling of the write-in responses for the Asian or Pacific Islander populations. In addition to the nine Asian or Pacific Islander categories shown on the questionnaire under the spanner ''Asian or Pacific Islander (API),'' the 1990 census race item provided a new residual category, ''Other API,'' for Asian or Pacific Islander persons who did not report in one of the listed Asian or Pacific Islander groups. During the coding operation, write-in responses for ''Other API'' were reviewed, coded, and assigned to the appropriate classification. For example, in 1990, a write-in entry of Laotian, Thai, or Javanese is classified as ''Other Asian,'' while a write-in entry of Tongan or Fijian is classified as ''Other Pacific Islander.''

In the 1980 census, the nine Asian or Pacific Islander groups were also listed separately. However, persons not belonging to these nine groups wrote in their specific racial group under the ''Other'' race category. Persons with a written entry such as Laotian, Thai, or Tongan, were tabulated and published as ''Other race'' in the 100-percent processing operation in 1980, but were reclassified as ''Other Asian and Pacific Islander'' in 1980 sample tabulations. In 1980 special reports on the Asian or Pacific Islander populations, data were shown separately for ''Other Asian'' and ''Other Pacific Islander.''

Another difference between the 1990 and preceding censuses is the approach taken when persons of Spanish/ Hispanic origin did not report in a specific race category but reported as ''Other race'' or ''Other.'' These persons commonly provided a write-in entry such as Mexican, Venezuelan, or Latino. In the 1990 and 1980 censuses, these entries remained in the ''Other race'' or ''Other'' category, respectively. In the 1970 census, most of these persons were included in the ''White'' category. (For more information on ''Race,'' see 1990 CP-1, *General Population Characteristics*.)

Figure 1. **Asian or Pacific Islander Groups Reported in the 1990 Census**

Asian	Pacific Islander
Chinese	Hawaiian
Filipino	Samoan
Japanese	Guamanian
Asian Indian	Other Pacific Islander[1]
Korean	Carolinian
Vietnamese	Fijian
Cambodian	Kosraean
Hmong	Melanesian[3]
Laotian	Micronesian[3]
Thai	Northern Mariana Islander
Other Asian[1]	Palauan
Bangladeshi	Papua New Guinean
Bhutanese	Ponapean (Pohnpeian)
Borneo	Polynesian[3]
Burmese	Solomon Islander
Celebesian	Tahitian
Ceram	Tarawa Islander
Indochinese	Tokelauan
Indonesian	Tongan
Iwo-Jiman	Trukese (Chuukese)
Javanese	Yapese
Malayan	Pacific Islander, not specified
Maldivian	
Nepali	
Okinawan	
Pakistani	
Sikkim	
Singaporean	
Sri Lankan	
Sumatran	
Asian, not specified[2]	

[1]In some data products, specific groups listed under ''Other Asian'' or ''Other Pacific Islander'' are shown separately. Groups not shown are tabulated as ''All other Asian'' or ''All other Pacific Islander,'' respectively.

[2]Includes entries such as Asian American, Asian, Asiatic, Amerasian, and Eurasian.

[3]Polynesian, Micronesian, and Melanesian are Pacific Islander cultural groups.

REAL ESTATE TAXES

The data on real estate taxes were obtained from questionnaire item H21, which was asked at owner-occupied one-family houses, condominiums, and mobile homes. The statistics from this question refer to the total amount of all real estate taxes on the entire property (land and buildings) payable in 1989 to all taxing jurisdictions, including special assessments, school taxes, county taxes, and so forth.

Real estate taxes include state, local, and all other real estate taxes even if delinquent, unpaid, or paid by someone who is not a member of the household. However, taxes due from prior years are not included. If taxes are paid on other than a yearly basis, the payments are converted to a yearly basis.

The payment for real estate taxes is added to payments for fire, hazard, and flood insurance, utilities, fuels, and mortgages (both first and junior mortgages and home equity loans) to derive ''Selected Monthly Owner Costs'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989.'' A separate

question (H23c) determines whether real estate taxes are included in the mortgage payment to the lender(s). This makes it possible to avoid counting taxes twice in the computations.

Comparability—Data for real estate taxes were collected for the first time in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes or trailers, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It was also asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

ROOMS

The data on rooms were obtained from questionnaire item H3, which was asked at both occupied and vacant housing units. The statistics on rooms are in terms of the number of housing units with a specified number of rooms. The intent of this question is to count the number of whole rooms used for living purposes.

For each unit, rooms include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls or foyers, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling, but not if the partition consists solely of shelves or cabinets.

Median Rooms—This measure divides the room distribution into two equal parts, one-half of the cases falling below the median number of rooms and one-half above the median. In computing median rooms, the whole number is used as the midpoint of the interval; thus, the category ''3 rooms'' is treated as an interval ranging from 2.5 to 3.5 rooms. Median rooms is rounded to the nearest tenth. (For more information on medians, see the discussion under ''Derived Measures.'')

Aggregate Rooms—To calculate aggregate rooms, an arbitrary value of ''10'' is assigned to rooms for units falling within the terminal category, ''9 or more.'' (For more information on aggregates and means, see the discussion under ''Derived Measures.'')

Comparability—Data on rooms have been collected since 1940. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units.

SECOND OR JUNIOR MORTGAGE PAYMENT

The data on second or junior mortgage payments were obtained from questionnaire items H24a and H24b, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. Question H24a asks whether a second and junior mortgage or a home equity loan exists on the property. Question H24b provides the regular monthly amount required to be paid to the lender on all second or junior mortgages and home equity loans. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of ''Selected Monthly Owner Costs'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989'' for units with a mortgage.

All mortgages other than first mortgages are classified as ''junior'' mortgages. A second mortgage is a junior mortgage which gives the lender a claim against the property which is second to the claim of the holder of the first mortgage. Any other junior mortgage(s) would be subordinate to the second mortgage. A home equity loan is a line of credit available to the borrower that is secured by real estate. It may be placed on a property that already has a first or second mortgage, or it may be placed on a property that is owned free and clear.

If the respondents answered that no first mortgage existed, but a second mortgage did (as in the above case with a home equity loan), computer edit assigned the unit a first mortgage and made the first monthly mortgage payment the amount reported in the second mortgage. The second mortgage data were then made ''No'' in question H24a and blank in question H24b.

Comparability—The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from one single question. Two questions were used in 1990; one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages and home equity loans.

SELECTED MONTHLY OWNER COSTS

The data on selected monthly owner costs were obtained from questionnaire items H20 through H26 for owner-occupied one-family houses, condominiums, and mobile homes. Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second or junior mortgages, and home equity loans); real estate taxes; fire, hazard, and flood insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). It also includes, where appropriate, the monthly condominium fee for condominiums and mobile home costs (personal property taxes, site rent, registration fees, and license fees) for mobile homes.

In certain tabulations, selected monthly owner costs are presented separately for specified owner-occupied housing units (owner-occupied one-family houses on less than 10 acres without a business or medical office on the property), owner-occupied condominiums, and owner-occupied mobile homes. Data are usually shown separately for units ''with a mortgage'' and for units ''not mortgaged.''

Median Selected Monthly Owner Costs—This measure is rounded to the nearest whole dollar.

Comparability—The components of selected monthly owner costs were collected for the first time in 1980. The 1990 tabulations of selected monthly owner costs for specified owner-occupied housing units are virtually identical to 1980, the primary difference was the amounts of the first and second mortgages were collected in separate questions in 1990, while the amounts were collected in a single question in 1980. The component parts of the item were tabulated for mobile homes and condominiums for the first time in 1990.

In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

The information on selected monthly owner costs as a percentage of household income in 1989 is the computed ratio of selected monthly owner costs to monthly household income in 1989. The ratio was computed separately for each unit and rounded to the nearest whole percentage. The data are tabulated separately for specified owner-occupied units, condominiums, and mobile homes.

Separate distributions are often shown for units ''with a mortgage'' and for units ''not mortgaged.'' Units occupied by households reporting no income or a net loss in 1989 are included in the ''not computed'' category. (For more information, see the discussion under ''Selected Monthly Owner Costs.'')

Comparability—The components of selected monthly owner costs were collected for the first time in 1980. The tabulations of ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989'' for specified owner-occupied housing units are comparable to 1980.

SEWAGE DISPOSAL

The data on sewage disposal were obtained from questionnaire item H16, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, ''Other means'' includes housing units which dispose of sewage in some other way.

Comparability—Data on sewage disposal have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units.

SEX

The data on sex were derived from answers to questionnaire item 3, which was asked of all persons. For most cases in which sex was not reported, it was determined by the appropriate entry from the person's given name and household relationship. Otherwise, sex was imputed according to the relationship to the householder and the age and marital status of the person. (For more information on imputation, see Appendix C, Accuracy of the Data.)

Comparability—A question on the sex of individuals has been asked of the total population in every census.

SOURCE OF WATER

The data on source of water were obtained from questionnaire item H15, which was asked at both occupied and vacant housing units. Housing units may receive their water supply from a number of sources. A common source supplying water to five or more units is classified as a ''Public system or private company.'' The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to five or more housing units. If the water is supplied from a well serving four or fewer housing units, the units are classified as having water supplied by either an ''Individual drilled well'' or an ''Individual dug well.'' Drilled wells or small diameter wells are usually less than 1-l/ 2 feet in diameter. Dug wells are usually larger than 1-1/ 2 feet wide and generally hand dug. The category, ''Some other source'' includes water obtained from springs, creeks, rivers, lakes, cisterns, etc.

Comparability—Data on source of water have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units.

TELEPHONE IN HOUSING UNIT

The data on telephones were obtained from questionnaire item H12, which was asked at occupied housing units. This item was asked on a sample basis. A

telephone must be inside the house or apartment for the unit to be classified as having a telephone. Units where the respondent uses a telephone located inside the building but not in the respondent's living quarters are classified as having no telephone.

Comparability—Data on telephones in 1980 are comparable to 1990. The 1960 and 1970 censuses collected data on telephone availability. A unit was classified as having a telephone available if there was a telephone number on which occupants of the unit could be reached. The telephone could have been in another unit, in a common hall, or outside the building.

TENURE

The data for tenure were obtained from questionnaire item H4, which was asked at all occupied housing units. All occupied housing units are classified as either owner occupied or renter occupied.

Owner Occupied—A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. The owner or co-owner must live in the unit and usually is the person listed in column 1 of the questionnaire. The unit is ''Owned by you or someone in this household with a mortgage or loan'' if it is being purchased with a mortgage or some other debt arrangement such as a deed of trust, trust deed, contract to purchase, land contract, or purchase agreement. The unit is also considered owned with a mortgage if it is built on leased land and there is a mortgage on the unit.

A housing unit is ''Owned by you or someone in this household free and clear (without a mortgage)'' if there is no mortgage or other similar debt on the house, apartment, or mobile home including units built on leased land if the unit is owned outright without a mortgage. Although owner-occupied units are divided between mortgaged and owned free and clear on the questionnaire, census data products containing 100-percent data show only total owner-occupied counts. More extensive mortgage information is collected from the long-form questionnaire and is shown in census products containing sample data. (For more information, see the discussion under '' Mortgage Status.'')

Renter Occupied—All occupied housing units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied. ''No cash rent'' units are separately identified in the rent tabulations. Such units are generally provided free by friends or relatives or in exchange for services such as resident manager, caretaker, minister, or tenant farmer. Housing units on military bases also are classified in the ''No cash rent'' category. ''Rented for cash rent'' includes units in continuing care, sometimes called life care arrangements. These arrangements usually involve a contract between one or more individuals and a health services provider guaranteeing the individual shelter, usually a house or apartment, and services, such as meals or transportation to shopping or recreation.

Comparability—Data on tenure have been collected since 1890. In 1970, the question on tenure also included a category for condominium and cooperative ownership. In 1980, condominium units and cooperatives were dropped from the tenure item, and since 1980, only condominium units are identified in a separate question.

For 1990, the response categories were expanded to allow the respondent to report whether the unit was owned with a mortgage or free and clear (without a mortgage). The distinction between units owned with a mortgage and units owned free and clear was added in 1990 to improve the count of owner-occupied units. Research after the 1980 census indicated some respondents did not consider their units owned if they had a mortgage.

UNITS IN STRUCTURE

The data on units in structure (also referred to as ''type of structure'') were obtained from questionnaire item H2, which was asked at all housing units. A structure is a separate building that either has open spaces on all sides or is separated from other structures by dividing walls that extend from ground to roof. In determining the number of units in a structure, all housing units, both occupied and vacant, are counted. Stores or office space are excluded.

The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings.

1-Unit, Detached—This is a 1-unit structure detached from any other house; that is, with open space on all four sides. Such structures are considered detached even if they have an adjoining shed or garage. A one-family house which contains a business is considered detached as long as the building has open space on all four sides. Mobile homes or trailers to which one or more permanent rooms have been added or built are also included.

1-Unit, Attached—This is a 1-unit structure which has one or more walls extending from ground to roof separating it from adjoining structures. In row houses (sometimes called townhouses), double houses, or houses attached to nonresidential structures, each house is a separate, attached structure if the dividing or common wall goes from ground to roof.

2 or More Units—These are units in structures containing 2 or more housing units, further categorized as units in structures with 2, 3 or 4, 5 to 9, 10 to 19, 20 to 49, and 50 or more units.

Mobile Home or Trailer—Both occupied and vacant mobile homes to which no permanent rooms have been added are counted in this category. Mobile homes or trailers used only for business purposes or for extra sleeping space and mobile homes or trailers for sale on a dealer's lot, at the factory, or in storage are not counted in the housing inventory.

Other—This category is for any living quarters occupied as a housing unit that does not fit the previous categories. Examples that fit this category are houseboats, railroad cars, campers, and vans.

Comparability—Data on units in structure have been collected since 1940 and on mobile homes and trailers since 1950. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units. In 1980, the data were collected on a sample basis. The category, ''Boat, tent, van, etc.'' was replaced in 1990 by the category ''Other.'' In some areas, the proportion of units classified as ''Other'' is far larger than the number of units that were classified as ''Boat, tent, van, etc.'' in 1980.

USUAL HOME ELSEWHERE

The data for usual home elsewhere are obtained from questionnaire item B, which was completed by census employees. A housing unit temporarily occupied at the time of enumeration entirely by persons with a usual residence elsewhere is classified as vacant. The occupants are classified as having a ''Usual home elsewhere'' and are counted at the address of their usual place of residence. Typical examples are people in a vacation home, persons renting living quarters temporarily for work, and migrant workers.

Limitation of the Data—Evidence from previous censuses suggests that in some areas enumerators marked units as ''vacant—usual home elsewhere'' when they should have marked ''vacant—regular.''

Comparability—Data for usual home elsewhere was tabulated for the first time in 1980.

UTILITIES

The data on utility costs were obtained from questionnaire items H20a through H20d, which were asked of occupied housing units. These items were asked on a sample basis.

Questions H20a through H20d asked for the yearly cost of utilities (electricity, gas, water) and other fuels (oil, wood, kerosene, etc.). For the tabulations, these yearly amounts are divided by 12 to derive the average monthly cost and are then included in the computation of ''Gross Rent,'' ''Gross Rent as a Percentage of Household Income in 1989,'' ''Selected Monthly Owner Costs,'' and ''Selected Monthly Owner Costs as a Percentage of Household Income in 1989.''

Costs are recorded if paid by or billed to occupants, a welfare agency, relatives, or friends. Costs that are paid by landlords, included in the rent payment, or included in condominium or cooperative fees are excluded.

Limitation of the Data—Research has shown that respondents tended to overstate their expenses for electricity and gas when compared to utility company records. There is some evidence that this overstatement is reduced when yearly costs are asked rather than monthly costs. Caution should be exercised in using these data for direct analysis because costs are not reported for certain kinds of units such as renter-occupied units with all utilities included in the rent and owner-occupied condominium units with utilities included in the condominium fee.

Comparability—The data on utility costs have been collected since 1980 for owner-occupied housing units, and since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

VACANCY STATUS

The data on vacancy status were obtained from questionnaire item C1, which was completed by census enumerators. Vacancy status and other characteristics of vacant units were determined by enumerators obtaining information from landlords, owners, neighbors, rental agents, and others. Vacant units are subdivided according to their housing market classification as follows:

For Rent—These are vacant units offered ''for rent,'' and vacant units offered either ''for rent'' or ''for sale.''

For Sale Only—These are vacant units being offered ''for sale only,'' including units in cooperatives and condominium projects if the individual units are offered ''for sale only.''

Rented or Sold, Not Occupied—If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of enumeration, or if the unit has recently been sold but the new owner has not yet moved in, the vacant unit is classified as ''rented or sold, not occupied.''

For Seasonal, Recreational, or Occasional Use—These are vacant units used or intended for use only in certain seasons or for weekend or other occasional use throughout the year.

Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units may also include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared ownership or time-sharing condominiums, also are included here.

For Migrant Workers—These include vacant units intended for occupancy by migratory workers employed in farm work during the crop season. (Work in a cannery, a freezer plant, or a food processing plant is not farm work.)

Other Vacant—If a vacant unit does not fall into any of the classifications specified above, it is classified as ''other vacant.'' For example, this category includes units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

Homeowner Vacancy Rate—This is the percentage relationship between the number of vacant units for sale and the total homeowner inventory. It is computed by dividing the number of vacant units for sale only by the sum of the owner-occupied units and the number of vacant units that are for sale only.

Rental Vacancy Rate—This is the percentage relationship of the number of vacant units for rent to the total rental inventory. It is computed by dividing the number of vacant units for rent by the sum of the renter-occupied units and the number of vacant units for rent.

Comparability—Data on vacancy status have been collected since 1940. For 1990, the category, ''seasonal/ recreational/ occasional use'' combined vacant units classified in 1980 as ''seasonal or migratory'' and ''held for occasional use.'' Also, in 1970 and 1980, housing characteristics were generally presented only for year-round units. In 1990, housing characteristics are shown for all housing units.

VALUE

The data on value (also referred to as ''price asked'' for vacant units) were obtained from questionnaire item H6, which was asked at housing units that were owned, being bought, or vacant for sale at the time of enumeration. Value is the respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale. If the house or mobile home is owned or being bought, but the land on which it sits is not, the respondent was asked to estimate the combined value of the house or mobile home and the land. For vacant units, value is the price asked for the property.

Value is tabulated separately for all owner-occupied and vacant-for-sale housing units, owner-occupied and vacant-for-sale mobile homes or trailers, and specified owner-occupied and specified vacant-for-sale housing units. Specified owner-occupied and specified vacant-for-sale housing units include only one-family houses on less than 10 acres without a business or medical office on the property. The data for ''specified'' units exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings.

Median and Quartile Value—The median divides the value distribution into two equal parts. Quartiles divide the value distribution into four equal parts. These measures are rounded to the nearest hundred dollars. (For more information on medians and quartiles, see the discussion under ''Derived Measures.'')

Aggregate Value—To calculate aggregate value, the amount assigned for the category ''Less than $10,000'' is $9,000. The amount assigned to the category ''$500,000 or more'' is $600,000. Mean value is rounded to the nearest hundred dollars. (For more information on aggregates and means, see the discussion under ''Derived Measures.'')

Comparability—In 1980, value was asked only at owner-occupied or vacant-for-sale one-family houses on less than 10 acres with no business or medical office on the property and at all owner-occupied or vacant-for-sale condominium housing units. Mobile homes were excluded. Value data were presented for specified owner-occupied housing units, specified vacant-for-sale-only housing units, and owner-occupied condominium housing units.

In 1990, the question was asked at all owner-occupied or vacant-for-sale-only housing units with no exclusions. Data presented for specified owner-occupied and specified vacant-for-sale-only housing units will include one-family condominium houses but not condominiums in multi-unit structures since condominium units are now identified only in long-form questionnaires.

For 1990, quartiles have been added because the range of values and rents in the United States has increased in recent years. Upper and lower quartiles can be used to note large value and rent differences among various geographic areas.

VEHICLES AVAILABLE

The data on vehicles available were obtained from questionnaire item H13, which was asked at occupied housing units. This item was asked on a sample basis. These data show the number of households with a specified number of passenger cars, vans, pickup or panel trucks of one-ton capacity or less kept at home and available for the use of household members. Vehicles rented or leased for one month or more, company vehicles, and police and government vehicles are included

if kept at home and used for nonbusiness purposes. Dismantled or immobile vehicles are excluded. Vehicles kept at home but used only for business purposes are also excluded.

Vehicles Per Household—This is computed by dividing aggregate vehicles available by the number of occupied housing units.

Limitation of the Data—The 1980 census evaluations showed that the number of automobiles was slightly overreported; the number of vans and trucks slightly underreported. The statistics do not measure the number of vehicles privately owned or the number of households owning vehicles.

Comparability—Data on automobiles available were collected from 1960 to 1980. In 1980, a separate question was also asked on the number of trucks and vans. The data on automobiles and trucks and vans were presented separately and also as a combined vehicles available tabulation. The 1990 data are comparable to the 1980 vehicles available tabulations.

YEAR HOUSEHOLDER MOVED INTO UNIT

The data on year householder moved into unit were obtained from questionnaire item H8, which was asked at occupied housing units. This item was asked on a sample basis. These data refer to the year of the latest move by the householder. If a householder moved back into a housing unit he or she previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another within the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year that the householder moved in is not necessarily the same year other members of the household moved, although in the great majority of cases an entire household moves at the same time.

Comparability—In 1960 and 1970, this question was asked of every person and included in population reports. This item in housing tabulations refers to the year the household head moved in. In 1980 and 1990, the question was asked only of the householder.

YEAR STRUCTURE BUILT

The data on year structure built were obtained from questionnaire item H17, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Data on year structure built refer to when the building was first constructed, not when it was remodeled, added to, or converted. For housing units under construction which met the housing unit definition; that is, all exterior windows, doors, and final usable floors were in place, the category ''1989 or March 1990'' was used. For a houseboat or mobile home or trailer, the manufacturer's model year was assumed to be the year built. The figures shown in census data products relate to the number of units built during the specified periods and are still in existence at the time of enumeration.

Median Year Structure Built—The median divides the distribution into two equal parts. The median is rounded to the nearest calendar year. Median age of housing can be obtained by subtracting median year structure built from 1990. For example, if the median year structure built is 1957, the median age of housing in that area is 33 years (1990 minus 1957).

Limitation of the Data—Data on year structure built are more susceptible to errors of response and nonreporting than data on many other items since respondents must rely on their memory or on estimates of persons who have lived in the neighborhood a long time. Available evidence indicates there is underreporting in the older year structure built categories, especially ''Built in 1939 or earlier.'' The introduction of the ''Don't know'' category (see below the discussion on ''Comparability'') may result in relatively higher allocation rates. Data users should refer to the discussion in Appendix C, Accuracy of the Data and to the allocation tables.

Comparability—Data on year structure built were collected for the first time in the 1940 census. Since then, the response categories have been modified to accommodate the 10-year period between each census. In 1990, the category, ''Don't Know'' was added in an effort to minimize the response error mentioned in the paragraph above on limitation of the data.

DERIVED MEASURES

Census data products include various derived measures such as medians, means, and percentages, as well as certain rates and ratios. Derived measures which round to less than 0.1 are not shown but indicated as zero. In printed reports, zero is indicated by showing a dash (–).

Interpolation

Interpolation is frequently used in calculating medians or quartiles based on interval data and in approximating standard errors from tables. Linear interpolation is used to estimate values of a function between two known values. ''Pareto interpolation'' is an alternative to linear interpolation. It is used by the Census Bureau in calculating median income within intervals wider than $2,500. In Pareto interpolation, the logarithm of the median is derived by interpolating between the logarithms of the upper and lower income limits of the median category.

Mean

This measure represents an arithmetic average of a set of values. It is derived by dividing the sum of a group of numerical items (or aggregate) by the total number of

items. Aggregates are used in computing mean values. For example, mean family income is obtained by dividing the aggregate of all income reported by persons in families by the total number of families. (Additional information on means and aggregates is included in the separate explanations of many population and housing subjects.)

Median

This measure represents the middle value in a distribution. The median divides the total frequency into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in specific census publications and other data products.

In reports, if the median falls within the upper interval of an open-ended distribution, the median is shown as the initial value of the interval followed by a plus sign (+), or if within the lower interval, the median is shown as the upper value of the category followed by a minus sign (–). For summary tape files, if the median falls within the upper or lower interval, it is set to a specified value. (Additional information on medians is included in the separate explanations of many population and housing subjects.)

Percentages, Rates, and Ratios

These measures are frequently presented in census products and are used to compare two numbers or two sets of measurements. These comparisons are made in two ways: (1) subtraction which provides an absolute measure of the difference between two items and (2) the quotient of two numbers which provides a relative measure of difference.

Quartile

This measure divides a distribution into four equal parts. The first quartile (or lower quartile) is the value that defines the upper limit of the lowest one-quarter of the cases. The second quartile is the median. The third quartile (or upper quartile) defines the lower limit of the upper one-quarter of the cases in the distribution. The difference between the upper and lower quartiles is called the interquartile range. This interquartile range is less affected by wide variations than is the mean. Quartiles are presented for certain financial characteristics such as housing value and rent.

APPENDIX C.
Accuracy of the Data

CONTENTS

Confidentiality of the Data C–1
Editing of Unacceptable Data C–9
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Sample Design C–1

INTRODUCTION

The data contained in this data product are based on the 1990 census sample. The data are estimates of the actual figures that would have been obtained from a complete count. Estimates derived from a sample are expected to be different from the 100-percent figures because they are subject to sampling and nonsampling errors. Sampling error in data arises from the selection of persons and housing units to be included in the sample. Nonsampling error affects both sample and 100-percent data, and is introduced as a result of errors that may occur during the collection and processing phases of the census. Provided below is a detailed discussion of both types of errors and a description of the estimation procedures.

SAMPLE DESIGN

Every person and housing unit in the United States was asked certain basic demographic and housing questions (for example, race, age, marital status, housing value, or rent). A sample of these persons and housing units was asked more detailed questions about such items as income, occupation, and housing costs in addition to the basic demographic and housing information. The primary sampling unit for the 1990 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Persons in group quarters were sampled at a 1-in-6 rate.

The sample designation method depended on the data collection procedures. Approximately 95 percent of the population was enumerated by the mailback procedure. In these areas, the Bureau of the Census either purchased a commercial mailing list, which was updated by the United States Postal Service and Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized and the appropriate units were electronically designated as sample units. The questionnaires were either mailed or hand-delivered to the addresses with instructions to complete and mail back the form.

Housing units in governmental units with a precensus (1988) estimated population of fewer than 2,500 persons were sampled at 1-in-2. Governmental units were defined for sampling purposes as all incorporated places, all counties, all county equivalents such as parishes in Louisiana, and all minor civil divisions in Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. Housing units in census tracts and block numbering areas (BNA's) with a precensus housing unit count below 2,000 housing units were sampled at 1-in-6 for those portions not in small governmental units (governmental units with a population less than 2,500). Housing units within census tracts and BNA's with 2,000 or more housing units were sampled at 1-in-8 for those portions not in small governmental units.

In list/ enumerate areas (about 5 percent of the population), each enumerator was given a blank address register with designated sample lines. Beginning about Census Day, the enumerator systematically canvassed an assigned area and listed all housing units in the address register in the order they were encountered. Completed questionnaires, including sample information for any housing unit listed on a designated sample line, were collected. For all governmental units with fewer than 2,500 persons in list/ enumerate areas, a 1-in-2 sampling rate was used. All other list/ enumerate areas were sampled at 1-in-6.

Housing units in American Indian reservations, tribal jurisdiction statistical areas, and Alaska Native villages were sampled according to the same criteria as other governmental units, except the sampling rates were based on the size of the American Indian and Alaska Native population in those areas as measured in the 1980 census. Trust lands were sampled at the same rate as their associated American Indian reservations. Census designated places in Hawaii were sampled at the same rate as governmental units because the Census Bureau does not recognize incorporated places in Hawaii.

The purpose of using variable sampling rates was to provide relatively more reliable estimates for small areas and decrease respondent burden in more densely populated areas while maintaining data reliability. When all sampling rates were taken into account across the Nation, approximately one out of every six housing units in the Nation was included in the 1990 census sample.

CONFIDENTIALITY OF THE DATA

To maintain the confidentiality required by law (Title 13, United States Code), the Bureau of the Census applies a confidentiality edit to the 1990 census data to assure that

published data do not disclose information about specific individuals, households, or housing units. As a result, a small amount of uncertainty is introduced into the estimates of census characteristics. The sample itself provides adequate protection for most areas for which sample data are published since the resulting data are estimates of the actual counts; however, small areas require more protection. The edit is controlled so that the basic structure of the data is preserved.

The confidentiality edit is implemented by selecting a small subset of individual households from the internal sample data files and blanking a subset of the data items on these household records. Responses to those data items were then imputed using the same imputation procedures that were used for nonresponse. A larger subset of households is selected for the confidentiality edit for small areas to provide greater protection for these areas. The editing process is implemented in such a way that the quality and usefulness of the data were preserved.

ERRORS IN THE DATA

Since statistics in this data product are based on a sample, they may differ somewhat from 100-percent figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The sample estimate also would differ from other samples of housing units, persons within those housing units, and persons living in group quarters. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a sample estimate is a measure of the variation among the estimates from all the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. Described below is the method of calculating standard errors and confidence intervals for the data in this product.

In addition to the variability which arises from the sampling procedures, both sample data and 100-percent data are subject to nonsampling error. Nonsampling error may be introduced during any of the various complex operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A detailed discussion of the sources of nonsampling error is given in the section on ''Control of Nonsampling Error'' in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and 100-percent data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will tend to be understated for the higher income categories and overstated for the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through C in this appendix contain the information necessary to calculate the standard errors of sample estimates in this data product. To calculate the standard error, it is necessary to know the basic standard error for the characteristic (given in table A or B) that would result under a simple random sample design (of persons, households, or housing units) and estimation technique; the design factor for the particular characteristic estimated (given in table C); and the number of persons or housing units in the tabulation area and the percent of these in the sample. For machine-readable products, the percent-in-sample is included in a data matrix on the file for each tabulation area. In printed reports, the percent-in-sample is provided in data tables at the end of the statistical tables that compose the report. The design factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1990 census.

The steps given below should be used to calculate the standard error of an estimate of a total or a percentage contained in this product. A percentage is defined here as a ratio of a numerator to a denominator where the numerator is a subset of the denominator. For example, the proportion of Black teachers is the ratio of Black teachers to all teachers.

1. Obtain the standard error from table A or B (or use the formula given below the table) for the estimated total or percentage, respectively.

2. Find the geographic area to which the estimate applies in the appropriate percent-in-sample table or appropriate matrix, and obtain the person or housing unit ''percent-in-sample'' figure for this area. Use the person ''percent-in-sample'' figure for person and family characteristics. Use the housing unit ''percent-in-sample'' figure for housing unit characteristics.

3. Use table C to obtain the design factor for the characteristic (for example, employment status, school enrollment) and the range that contains the percent-in-sample with which you are working. Multiply the basic standard error by this factor.

The unadjusted standard errors of zero estimates or of very small estimated totals or percentages will approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation

areas to which they correspond. Nevertheless, these estimated totals and percentages still are subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate. For estimated percentages that are less than 2 or greater than 98, use the basic standard errors in table B that appear in the ''2 or 98'' row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use a basic standard error of 16.

An illustration of the use of the tables is given in the section entitled ''Use of Tables to Compute Standard Errors.''

Sums and Differences—The standard errors estimated from these tables are not directly applicable to sums of and differences between two sample estimates. To estimate the standard error of a sum or difference, the tables are to be used somewhat differently in the following three situations:

1. For the sum of or difference between a sample estimate and a 100-percent value, use the standard error of the sample estimate. The complete count value is not subject to sampling error.

2. For the sum of or difference between two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors:

$$SE_{\hat{X}} \text{ and } SE_{\hat{Y}} \text{ of estimates } \hat{X} \text{ and } \hat{Y}$$

$$SE_{\hat{X} \pm \hat{Y}} = SE_{\hat{X} \pm \hat{Y}} = \sqrt{SE_{\hat{X}}^2 \pm SE_{\hat{Y}}^2}$$

   This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or from a census sample and another survey. The standard error for estimates not based on the 1990 census sample must be obtained from an appropriate source outside of this appendix.

3. For the differences between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest. For example, to determine the estimate of non-Black teachers, one may subtract the estimate of Black teachers from the estimate of total teachers. To determine the standard error of the estimate of non-Black teachers apply the above formula directly.

Ratios—Frequently, the statistic of interest is the ratio of two variables, where the numerator is not a subset of the denominator. For example, the ratio of teachers to students in public elementary schools. The standard error of the ratio between two sample estimates is estimated as follows:

1. If the ratio is a proportion, then follow the procedure outlined for ''Totals and Percentages.''

2. If the ratio is not a proportion, then approximate the standard error using the formula below.

$$SE_{\hat{X}/\hat{Y}} = \frac{1}{\hat{Y}} \sqrt{SE_{\hat{X}}^2 - \left(\frac{\hat{X}}{\hat{Y}}\right)^2 SE_{\hat{Y}}^2}$$

Medians—For the standard error of the median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as N/ 2). Treat N/ 2 as if it were an ordinary estimate and obtain its standard error as instructed above. Compute the desired confidence interval about N/ 2. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about N/ 2. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, continue cumulating frequencies until the sum equals or exceeds the count in excess of the upper limit of the interval about N/ 2. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

When interpolation is required in the upper open-ended interval of a distribution to obtain a confidence bound, use 1.5 times the lower limit of the open-ended confidence interval as the upper limit of the open-ended interval.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1990 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

1. Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples;

2. Approximately 90 percent of the intervals from 1.645 times the estimated standard error below the estimate to 1.645 times the estimated standard error above the estimate would contain the average result from all possible samples.

3. Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent, 90 percent, and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus, we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability of confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the 100-percent value).

Confidence intervals also may be constructed for the ratio, sum of, or difference between two sample figures. This is done by first computing the ratio, sum, or difference, then obtaining the standard error of the ratio, sum, or difference (using the formulas given earlier), and finally forming a confidence interval for this estimated ratio, sum, or difference as above. One can then say with specified confidence that this interval includes the ratio, sum, or difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this appendix do not include all portions of the variability due to nonsampling error that may be present in the data. The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68, 90, or 95 percent). Thus, some care must be exercised in the interpretation of the data in this data product based on the estimated standard errors.

A standard sampling theory text should be helpful if the user needs more information about confidence intervals and nonsampling errors.

Use of Tables to Compute Standard Errors

The following is a hypothetical example of how to compute a standard error of a total and a percentage. Suppose a particular data table shows that for City A 9,948 persons out of all 15,888 persons age 16 years and over were in the civilian labor force. The percent-in-sample table lists City A with a percent-in-sample of 16.0 percent (Persons column). The column in table C which includes 16.0 percent-in-sample shows the design factor to be 1.1 for ''Employment status.''

The basic standard error for the estimated total 9,948 may be obtained from table A or from the formula given below table A. In order to avoid interpolation, the use of the formula will be demonstrated here. Suppose that the total population of City A was 21,220. The formula for the basic standard error, SE, is

$$SE\$9{,}948\$ = \sqrt{5\$9{,}948\$ \; \$1\$9{,}948\$21{,}220\$}$$

$$= 163 \text{ persons.}$$

The standard error of the estimated 9,948 persons 16 years and over who were in the civilian labor force is found by multiplying the basic standard error 163 by the design factor, 1.1 from table C. This yields an estimated standard error of 179 for the total number of persons 16 years and over in City A who were in the civilian labor force.

The estimated percent of persons 16 years and over who were in the civilian labor force in City A is 62.6. From table B, the unadjusted standard error is found to be approximately 0.85 percentage points. The standard error for the estimated 62.6 percent of persons 16 years and over who were in the civilian labor force is 0.85 x 1.1 = 0.94 percentage points.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner are approximate. Calculations can be expressed to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than two decimal places when the estimated standard error is one percentage point (i.e., 1.00) or more.

In the previous example, the standard error of the 9,948 persons 16 years and over in City A who were in the civilian labor force was found to be 179. Thus, a 90 percent confidence interval for this estimated total is found to be:

$$\$9{,}948 \; \$ \; 1.645\$179\$\$ \text{ to } \$9{,}948 \; \$ \; 1.645\$179\$\$$$

or

9,654 to 10,242

One can say, with about 90 percent confidence, that this interval includes the value that would have been obtained by averaging the results from all possible samples.

The following is an illustration of the calculation of standard errors and confidence intervals when a difference between two sample estimates is obtained. For example, suppose the number of persons in City B age 16 years and over who were in the civilian labor force was 9,314 and the total number of persons 16 years and over was 16,666. Further suppose the population of City B was 25,225. Thus, the estimated percentage of persons 16 years and over who were in the civilian labor force is 55.9 percent. The unadjusted standard error determined using the formula provided at the bottom of table B is 0.86

percentage points. We find that City B had a percent-in-sample of 15.7. The range which includes 15.7 percent-in-sample in table C shows the design factor to be 1.1 for ''Employment Status.'' Thus, the approximate standard error of the percentage (55.9 percent) is 0.86 x 1.1 = 0.95 percentage points.

Now suppose that one wished to obtain the standard error of the difference between City A and City B of the percentages of persons who were 16 years and over and who were in the civilian labor force. The difference in the percentages of interest for the two cities is:

$$62.6 - 55.9 = 6.7 \text{ percent.}$$

Using the results of the previous example:

$$SE\$6.7\$ = \sqrt{\$SE\$62.6\$\$^2\$\$SE\$55.9\$\$^2} = \sqrt{\$0.94\$^2\$\$0.95\$^2}$$

$$= 1.34 \text{ percentage points}$$

The 90 percent confidence interval for the difference is formed as before:

$$\$6.70 \$ 1.645\$1.34\$\$ \text{ to } \$6.70 \$ 1.645\$1.34\$\$$$

or

4.50 to 8.90

One can say with 90 percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

For reasonably large samples, ratio estimates are normally distributed, particularly for the census population. Therefore, if we can calculate the standard error of a ratio estimate then we can form a confidence interval around the ratio. Suppose that one wished to obtain the standard error of the ratio of the estimate of persons who were 16 years and over and who were in the civilian labor force in City A to the estimate of persons who were 16 years and over and who were in the civilian labor force in City B. The ratio of the two estimates of interest is:

$$9948/\,9314 = 1.07$$

$$SE\ \$1.07\$ = \$\frac{9948}{9314}\$\sqrt{\$\frac{179^2}{\$9948\$^2} \$ \frac{188^2}{\$9314\$^2}}$$

$$= .029$$

Using the results above, the 90 percent confidence interval for this ratio would be:

$$\$1.07\$1.645\$.029\$\$ \text{ to } \$1.07\$1.645\$.029\$\$$$

or

1.02 to 1.12

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure (iterative proportional fitting) resulting in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units possessing the characteristic in the tabulation area. Estimates of family or household characteristics were based on the weight assigned to the family member designated as householder. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value 6, all characteristics of that person or housing unit would be tabulated with the weight of 6. The estimation procedure, however, did assign weights varying from person to person or housing unit to housing unit. The estimation procedure used to assign the weights was performed in geographically defined ''weighting areas.'' Weighting areas generally were formed of contiguous geographic units which agreed closely with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas never crossed State or county boundaries. In small counties with a sample count below 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in four stages. For persons, the first stage applied 17 household-type groups. The second stage used two groups: sampling rate of 1-in-2; sampling rate less than 1-in-2. The third stage used the dichotomy householders/ nonhouseholders. The fourth stage applied 180 aggregate age-sex-race-Hispanic origin categories. The stages were as follows:

PERSONS

STAGE I: TYPE OF HOUSEHOLD

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 through 8 or more persons in housing unit
	Persons in Group Quarters
17	Persons in Group Quarters

STAGE II: SAMPLING RATES

1	Sampling rate of 1-in-2
2	Sampling rate less than 1-in-2

STAGE III: HOUSEHOLDER/ NONHOUSEHOLDER

1	Householder
2	Nonhouseholder

STAGE IV: AGE/ SEX/ RACE/ HISPANIC ORIGIN

Group	
	White
	Persons of Hispanic Origin
	Male
1	0 to 4 years
2	5 to 14 years
3	15 to 19 years
4	20 to 24 years
5	25 to 34 years
6	35 to 54 years
7	55 to 64 years
8	65 to 74 years
9	75 years and over
	Female
10-18	Same age categories as groups 1 through 9.
	Persons Not of Hispanic Origin
19-36	Same sex and age categories as groups 1 through 18.
	Black
37-72	Same age/ sex/ Hispanic origin categories as groups 1 through 36.
	Asian or Pacific Islander
73-108	Same age/ sex/ Hispanic origin categories as groups 1 through 36.
	American Indian, Eskimo, or Aleut
109-144	Same age/ sex/ Hispanic origin categories as groups 1 through 36.
	Other Race (includes those races not listed above)
145-180	Same age/ sex/ Hispanic origin categories as groups 1 through 36.

Within a weighting area, the first step in the estimation procedure was to assign an initial weight to each sample person record. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure, prior to iterative proportional fitting, was to combine categories in each of the four estimation stages, when needed to increase the reliability of the ratio estimation procedure. For each stage, any group that did not meet certain criteria for the unweighted sample count or for the ratio of the 100-percent to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the fourth stage, an additional criterion concerning the number of complete count persons in each race/ Hispanic origin category was applied.

As the final step, the initial weights underwent four stages of ratio adjustment applying the grouping procedures described above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight.

In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Next, at stage III, the stage II weights were adjusted by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. Finally, at stage IV, the stage III weights were adjusted by the ratio of the complete census count to the sum of the stage III weights for sample persons in each stage IV group. The four stages of ratio adjustment were performed two times (two iterations) in the order given above. The weights obtained from the second iteration for stage IV were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight of the persons in a particular group was 7.25 then 1/ 4 of the sample persons in this group were randomly assigned a weight of 8, while the remaining 3/ 4 received a weight of 7.

The ratio estimation procedure for housing units was essentially the same as that for persons, except that vacant units were treated differently. The occupied housing unit ratio estimation procedure was done in four stages, and the vacant housing unit ratio estimation procedure was done in a single stage. The first stage for occupied housing units applied 16 household type categories, while the second stage used the two sampling categories described above for persons. The third stage applied three units-in-structure categories; i.e. single units, multi-unit less than 10 and multi-unit 10 or more. The fourth stage could potentially use 200 tenure-race-Hispanic origin-value/ rent groups. The stages for ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

STAGE I: TYPE OF HOUSEHOLD

Group	
	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Housing Units With a Family Without Own Children Under 18
6-10	2 through 8 or more persons in housing unit

STAGE I: TYPE OF HOUSEHOLD—Con.

All Other Housing Units

11	1 person in housing unit
12-16	2 through 8 or more persons in housing unit

STAGE II: SAMPLING RATE CATEGORY

1	Sampling rate of 1-in-2
2	Sampling rate less than 1-in-2

STAGE III: UNITS IN STRUCTURE

1	Single unit structure
2	Multi-unit structure consisting of fewer than 10 individual units
3	Multi-unit structure consisting of 10 or more individual units

STAGE IV: TENURE/ RACE AND HISPANIC ORIGIN OF HOUSEHOLDER/ VALUE OR RENT

Group	
	Owner
	White Householder
	Householder of Hispanic Origin
	Value
1	Less than $20,000
2	$20,000 to $39,999
3	$40,000 to $59,999
4	$60,000 to $79,999
5	$80,000 to $99,999
6	$100,000 to $149,999
7	$150,000 to $249,999
8	$250,000 to $299,999
9	$300,000 or more
10	Other[1]
	Householder Not of Hispanic Origin
11-20	Same value categories as groups 1 through 10
	Black Householder
21-40	Same Hispanic origin/ value categories as groups 1 through 20
	Asian or Pacific Islander Householder
41-60	Same Hispanic origin/ value categories as groups 1 through 20
	American Indian, Eskimo, or Aleut Householder
61-80	Same Hispanic origin/ value categories as groups 1 through 20
	Householder of Other Race
81-100	Same Hispanic origin/ value categories as groups 1 through 20
	Renter
	White Householder
	Householder of Hispanic origin
	Rent
101	Less than $100
102	$100 to $199
103	$200 to $299
104	$300 to $399
105	$400 to $499
106	$500 to $599
107	$600 to $749
108	$750 to $999
109	$1,000 or more
110	No cash rent
	Householder Not of Hispanic Origin
111-120	Same rent categories as groups 101 through 110
	Black Householder
121-140	Same Hispanic origin/ rent categories as groups 101 through 120
	Asian or Pacific Islander Householder
141-160	Same Hispanic origin/ rent categories as groups 101 through 120
	American Indian, Eskimo, or Aleut Householder
161-180	Same Hispanic origin/ rent categories as groups 101 through 120
	Householder of Other Race
181-200	Same Hispanic origin/ rent categories as groups 101 through 120
	Vacant Housing Units
1	Vacant for rent
2	Vacant for sale
3	Other vacant

[1]Value of units in this category results from other factors besides housing value alone, for example, inclusion of more than 10 acres of land, or presence of a business establishment on the premises.

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and if the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial, unadjusted weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete count figures for the population and housing unit groups used in the estimation procedure.

Control of Nonsampling Error

As mentioned earlier, both sample and 100-percent data are subject to nonsampling error. This component of error could introduce serious bias into the data, and the total error could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the decennial census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. Described below are the primary sources of nonsampling error and the programs instituted for control of this error. The success of these programs, however, was contingent upon how well the instructions actually were carried out during the census. As part of the 1990 census evaluation program, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some households or persons to be missed entirely by the census. The undercoverage of persons and housing units can introduce biases into the data.

Several coverage improvement programs were implemented during the development of the census address list and census enumeration and processing to minimize undercoverage of the population and housing units. These programs were developed based on experience from the 1980 census and results from the 1990 census testing cycle. In developing and updating the census address list, the Census Bureau used a variety of specialized procedures in different parts of the country.

- In the large urban areas, the Census Bureau purchased and geocoded address lists. Concurrent with geocoding, the United States Postal Service (USPS) reviewed and updated this list. After the postal check, census enumerators conducted a dependent canvass and update operation. In the fall of 1989, local officials were given the opportunity to examine block counts of address listings (local review) and identify possible errors. Prior to mailout, the USPS conducted a final review.
- In small cities, suburban areas, and selected rural parts of the country, the Census Bureau created the address list through a listing operation. The USPS reviewed and updated this list, and the Census Bureau reconciled USPS corrections and updated through a field operation. In the fall of 1989, local officials participated in reviewing block counts of address listings. Prior to mailout, the USPS conducted a final review.
- The Census Bureau (rather than the USPS) conducted a listing operation in the fall of 1989 and delivered census questionnaires in selected rural and seasonal housing areas in March of 1990. In some inner-city public housing developments, whose addresses had been obtained via the purchased address list noted above, census questionnaires were also delivered by Census Bureau enumerators.

Coverage improvement programs continued during and after mailout. A recheck of units initially classified as vacant or nonexistent improved further the coverage of persons and housing units. All local officials were given the opportunity to participate in a post-census local review, and census enumerators conducted an additional recanvass. In addition, efforts were made to improve the coverage of unique population groups, such as the homeless and parolees/ probationers. Computer and clerical edits and telephone and personal visit followup also contributed to improved coverage.

More extensive discussion of the programs implemented to improve coverage will be published by the Census Bureau when the evaluation of the coverage improvement program is completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error, although the questions were phrased as clearly as possible based on precensus tests, and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency, and problems were followed up as necessary.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect data for households that were not designated as part of the sample. To control these problems, the work of enumerators was monitored carefully. Field staff were prepared for their tasks by using standardized training packages that included hands-on experience in using census materials. A sample of the households interviewed by enumerators for nonresponse were reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases involved in processing the census data represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any imputation procedure using respondent data may not completely

reflect this difference either at the elemental level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was reduced substantially during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were imputed by the computer by using reported data for a person or housing unit with similar characteristics.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of data that describes the population as accurately and clearly as possible. To meet this objective, questionnaires were edited during field data collection operations for consistency, completeness, and acceptability. Questionnaires also were reviewed by census clerks for omissions, certain specific inconsistencies, and population coverage. For example, write-in entries such as ''Don't know'' or ''NA'' were considered unacceptable. For some district offices, the initial edit was automated; however, for the majority of the district offices, it was performed by clerks. As a result of this operation, a telephone or personal visit followup was made to obtain missing information. Potential coverage errors were included in the followup, as well as a sample of questionnaires with omissions and/ or inconsistencies.

Subsequent to field operations, remaining incomplete or inconsistent information on the questionnaires was assigned using imputation procedures during the final automated edit of the collected data. Imputations, or computer assignments of acceptable codes in place of unacceptable entries or blanks, are needed most often when an entry for a given item is lacking or when the information reported for a person or housing unit on that item is inconsistent with other information for that same person or housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person or housing unit that was consistent with entries for persons or housing units with similar characteristics. The assignment of acceptable codes in place of blanks or unacceptable entries enhances the usefulness of the data.

Another way in which corrections were made during the computer editing process was through substitution; that is, the assignment of a full set of characteristics for a person or housing unit. When there was an indication that a housing unit was occupied but the questionnaire contained no information for the people within the household or the occupants were not listed on the questionnaire, a previously accepted household was selected as a substitute, and the full set of characteristics for the substitute was duplicated. The assignment of the full set of housing characteristics occurred when there was no housing information available. If the housing unit was determined to be occupied, the housing characteristics were assigned from a previously processed occupied unit. If the housing unit was vacant, the housing characteristics were assigned from a previously processed vacant unit.

Table A. **Unadjusted Standard Error for Estimated Totals**

[Based on a 1-in-6 simple random sample]

Estimated Total[1]	Size of publication area[2]													
	500	1,000	2,500	5,000	10,000	25,000	50,000	100,000	250,000	500,000	1,000,000	5,000,000	10,000,000	25,000,000
50	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1,000	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2,500	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5,000	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10,000	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15,000	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25,000	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75,000	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100,000	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250,000	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500,000	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1,000,000	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5,000,000	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10,000,000	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

[1]For estimated totals larger than 10,000,000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$SE(\hat{Y}) = \sqrt{5\hat{Y}\left(1 - \frac{\hat{Y}}{N}\right)}$$

N = Size of area

$\hat{Y}$ = Estimate of characteristic total

[2]The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

Table B. **Unadjusted Standard Error in Percentage Points for Estimated Percentage**

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage[1]												
	500	750	1,000	1,500	2,500	5,000	7,500	10,000	25,000	50,000	100,000	250,000	500,000
2 or 98	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

[1]For a percentage and/ or base of percentage not shown in the table, the formula given below may be used to calculate the standard error. This table should only be used for proportions, that is, where the numerator is a subset of the denominator.

$$SE(\hat{p}) = \sqrt{\frac{5}{B}\hat{p}(100 - \hat{p})}$$

B = Base of estimated percentage

$\hat{p}$ = Estimated percentage

Table C. **Standard Error Design Factors—Hawaii**

[Percent of persons or housing units in sample]

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent or more
HOUSING				
Age of householder	1.2	1.0	0.6	0.5
Race of householder	1.2	1.0	0.6	0.5
Hispanic origin of householder	1.2	1.0	0.6	0.5
Type of residence (urban/ rural)	1.1	1.1	0.5	0.4
Condominium status	1.2	1.1	0.6	0.5
Units in structure	1.2	1.1	0.6	0.5
Tenure	1.2	1.0	0.6	0.5
Occupancy status	1.2	1.0	0.6	0.5
Value	1.2	1.1	0.6	0.5
Gross rent	1.2	1.1	0.6	0.5
Household income in 1989	1.2	1.1	0.6	0.5
Year structure built	1.2	1.1	0.6	0.5
Rooms, bedrooms	1.2	1.1	0.6	0.5
Kitchen facilities	1.3	1.3	0.6	0.5
Source of water, plumbing facilities	1.3	1.2	0.6	0.5
Sewage disposal	1.2	1.1	0.6	0.5
House heating fuel	1.3	1.1	0.6	0.5
Telephone in housing unit	1.3	1.1	0.6	0.5
Vehicles available	1.2	1.1	0.6	0.5
Year householder moved into structure	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs	1.2	1.1	0.6	0.5
Mortgage status and selected monthly owner costs	1.2	1.0	0.6	0.5
Gross rent as a percentage of household income in 1989	1.2	1.1	0.6	0.5
Household income in 1989 by selected monthly owner costs as a percentage of income	1.2	1.1	0.6	0.5

APPENDIX D.
Collection and Processing Procedures

CONTENTS

Data Collection Procedures ---------- D–2
Enumeration and Residence Rules ---------- D–1
Processing Procedures ---------- D–4

ENUMERATION AND RESIDENCE RULES

In accordance with census practice dating back to the first United States census in 1790, each person was to be enumerated as an inhabitant of his or her ''usual residence'' in the 1990 census. Usual residence is the place where the person lives and sleeps most of the time or considers to be his or her usual residence. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1, 1990).

Enumeration Rules

Each person whose usual residence was in the United States was to be included in the census, without regard to the person's legal status or citizenship. In a departure from earlier censuses, foreign diplomatic personnel participated voluntarily in the census, regardless of their residence on or off the premises of an embassy. As in previous censuses, persons in the United States specifically excluded from the census were foreign travelers who had not established a residence.

Americans with a usual residence outside the United States were not enumerated in the 1990 census. United States military and Federal civilian employees, and their dependents overseas, are included in the population counts for States for purposes of Congressional apportionment, but are excluded from all other tabulations for States and their subdivisions. The counts of United States military and Federal civilian employees, and their dependents, were obtained from administrative records maintained by Federal departments and agencies. Other Americans living overseas, such as employees of international agencies and private businesses and students, were not enumerated, nor were their counts obtained from administrative sources. On the other hand, Americans temporarily overseas were to be enumerated at their usual residence in the United States.

Residence Rules

Each person included in the census was to be counted at his or her usual residence—the place where he or she lives and sleeps most of the time or the place where the person considers to be his or her usual home. If a person had no usual residence, the person was to be counted where he or she was staying on April 1, 1990.

Persons temporarily away from their usual residence, whether in the United States or overseas, on a vacation or on a business trip, were counted at their usual residence. Persons who occupied more than one residence during the year were counted at the one they considered to be their usual residence. Persons who moved on or near Census Day were counted at the place they considered to be their usual residence.

Persons in the Armed Forces—Members of the Armed Forces were counted as residents of the area in which the installation was located, either on the installation or in the surrounding community. Family members of Armed Forces personnel were counted where they were living on Census Day (for example, with the Armed Forces person or at another location).

Each Navy ship not deployed to the 6th or 7th Fleet was attributed to the municipality that the Department of the Navy designated as its homeport. If the homeport included more than one municipality, ships berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Ships attributed to the homeport, but not physically present and not deployed to the 6th or 7th Fleet, were assigned to the municipality named on the Department of the Navy's homeport list. These rules also apply to Coast Guard vessels.

Personnel assigned to each Navy and Coast Guard ship were given the opportunity to report a residence off the ship. Those who did report an off-ship residence in the communities surrounding the homeport were counted there; those who did not were counted as residents of the ship. Personnel on Navy ships deployed to the 6th or 7th Fleet on Census Day were considered to be part of the overseas population.

Persons on Maritime Ships—Persons aboard maritime ships who reported an off-ship residence were counted at that residence. Those who did not were counted as residents of the ship, and were attributed as follows:

1. The port where the ship was docked on Census Day, if that port was in the United States or its territories.
2. The port of departure if the ship was at sea, provided the port was in the United States or its territories.
3. The port of destination in the United States or its territories, if the port of departure of a ship at sea was a foreign port.
4. The overseas population if the ship was docked at a foreign port or at sea between foreign ports. (These persons were not included in the overseas population for apportionment purposes.)

Persons Away at School—College students were counted as residents of the area in which they were living while attending college, as they have been since the 1950 census. Children in boarding schools below the college level were counted at their parental home.

Persons in Institutions—Persons under formally authorized, supervised care or custody, such as in Federal or State prisons; local jails; Federal detention centers; juvenile institutions; nursing, convalescent, and rest homes for the aged and dependent; or homes, schools, hospitals, or wards for the physically handicapped, mentally retarded, or mentally ill, were counted at these places.

Persons Away From Their Usual Residence on Census Day—Migrant agricultural workers who did not report a usual residence elsewhere were counted as residents of the place where they were on Census Day. Persons in worker camps who did not report a usual residence elsewhere were counted as residents of the camp where they were on Census Day.

In some parts of the country, natural disasters displaced significant numbers of households from their usual place of residence. If these persons reported a destroyed or damaged residence as their usual residence, they were counted at that location.

Persons away from their usual residence were counted by means of interviews with other members of their families, resident managers, or neighbors.

DATA COLLECTION PROCEDURES

The 1990 census was conducted primarily through self-enumeration. The questionnaire packet included general information about the 1990 census and an instruction guide explaining how to complete the questionnaire. Spanish-language questionnaires and instruction guides were available on request. Instruction guides also were available in 32 other languages.

Enumeration of Housing Units

Each housing unit in the country received one of two versions of the census questionnaire:

1. A short-form questionnaire that contained a limited number of basic population and housing questions; these questions were asked of all persons and housing units and are often referred to as 100-percent questions.
2. A long-form questionnaire that contained the 100-percent items and a number of additional questions; a sampling procedure was used to determine those housing units that were to receive the long-form questionnaire.

Three sampling rates were employed. For slightly more than one-half of the country, one in every six housing units (about 17 percent) received the long-form or sample questionnaire. In functioning local governmental units (counties and incorporated places, and in some parts of the country, towns and townships) estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire in order to enhance the reliability of the sample data for these small areas. For census tracts and block numbering areas having more than 2,000 housing units in the Census Bureau's address files, one in every eight housing units (about 13 percent) received a sample questionnaire, providing reliable statistics for these areas while permitting the Census Bureau to stay within a limit of 17.7 million sample questionnaires, or a one-in-six sample, nationwide.

The mail-out/ mail-back procedure was used mainly in cities, suburban areas, towns, and rural areas where mailing addresses consisted of a house number and street name. In these areas, the Census Bureau developed mailing lists that included about 88.4 million addresses. The questionnaires were delivered through the mail and respondents were to return them by mail. Census questionnaires were delivered 1 week before Census Day (April 1, 1990)

The update/ leave/ mail-back method was used mainly in densely populated rural areas where it was difficult to develop mailing lists because mailing addresses did *not* use house number and street name. The Census Bureau compiled lists of housing units in advance of the census. Enumerators delivered the questionnaires, asked respondents to return them by mail, and added housing units not on the mailing lists. This method was used mainly in the South and Midwest, and also included some high-rise, low-income urban areas. A variation of this method was used in urban areas having large numbers of boarded-up buildings. About 11 million housing units were enumerated using this method.

The list/ enumerate method (formerly called conventional or door-to-door enumeration) was used mainly in very remote and sparsely-settled areas. The United States

Postal Service delivered unaddressed short-form questionnaires before Census Day. Starting a week before Census Day, enumerators canvassed these areas, checked that all housing units received a questionnaire, created a list of all housing units, completed long-form questionnaires, and picked up the completed short-form questionnaires. This method was used mainly in the West and Northeast to enumerate an estimated 6.5 million housing units.

Followup

Nonresponse Followup—In areas where respondents were to mail back their questionnaires, an enumerator visited each address from which a questionnaire was not received.

Coverage and Edit-Failure Followup—In the mail-back areas, some households returned a questionnaire that did not meet specific quality standards because of incomplete or inconsistent information, or the respondent had indicated difficulty in deciding who was to be listed on the questionnaire. These households were contacted by telephone or by personal visit to obtain the missing information or to clarify who was to be enumerated in the household. In areas where an enumerator picked up the questionnaires, the enumerator checked the respondent-filled questionnaire for completeness and consistency.

Special Enumeration Procedures

Special procedures and questionnaires were used for the enumeration of persons in group quarters, such as college dormitories, nursing homes, prisons, military barracks, and ships. The questionnaires (Individual Census Reports, Military Census Reports, and Shipboard Census Reports) included the 100-percent population questions but did not include any housing questions. In all group quarters, all persons were asked the basic population questions; in most group quarters, additional questions were asked of a sample (one-in-six) of persons.

Shelter and Street Night (S-Night)

The Census Bureau collected data for various components of the homeless population at different stages in the 1990 census. ''Shelter and Street Night'' (S-Night) was a special census operation to count the population in four types of locations where homeless people are found. On the evening of March 20, 1990, and during the early morning hours of March 21, 1990, enumerators counted persons in pre-identified locations:

1. Emergency shelters for the homeless population (public and private; permanent and temporary).
2. Shelters with temporary lodging for runaway youths.
3. Shelters for abused women and their children.
4. Open locations in streets or other places not intended for habitation.

Emergency shelters include all hotels and motels costing $12 or less (excluding taxes) per night regardless of whether persons living there considered themselves to be homeless, hotels and motels (regardless of cost) used entirely to shelter homeless persons, and pre-identified rooms in hotels and motels used for homeless persons and families. Enumeration in shelters usually occurred from 6 p.m. to midnight; street enumeration, from 2 a.m. to 4 a.m.; abandoned and boarded-up buildings from 4 a.m. to 8 a.m.; and shelters for abused women, from 6 p.m. on March 20 to noon on March 21.

Other components, which some consider as part of the homeless population, were enumerated as part of regular census operations. These include persons doubled up with other families, as well as persons with no other usual home living in transient sites, such as commercial campgrounds, maternity homes for unwed mothers, and drug/ alcohol abuse detoxification centers. In institutions, such as local jails and mental hospitals, the Census Bureau does not know who has a usual home elsewhere; therefore, even though some are literally homeless, these persons cannot be identified separately as a component of the homeless population.

There is no generally agreed-upon definition of ''the homeless,'' and there are limitations in the census count that prevent obtaining a total count of the homeless population under any definition. As such, the Census Bureau does not have a definition and will not provide a total count of ''the homeless.'' Rather, the Census Bureau will provide counts and characteristics of persons found at the time of the census in *selected* types of living arrangements. These selected components can be used as building blocks to construct a count of homeless persons appropriate to particular purposes as long as the data limitations are taken into account.

In preparation for ''Shelter-and-Street-Night'' enumeration, the regional census centers (RCC's) mailed a certified letter (Form D-33 (L)) to the highest elected official of each active functioning government of the United States (more than 39,000) requesting them to identify:

1. All shelters with sleeping facilities (permanent and temporary, such as church basements, armories, public buildings, and so forth, that could be open on March 20).
2. Hotels and motels used to house homeless persons and families.
3. A list of outdoor locations where homeless persons tend to be at night.
4. Places such as bus or train stations, subway stations, airports, hospital emergency rooms, and so forth, where homeless persons seek shelter at night.

5. The specific addresses of abandoned or boarded-up buildings where homeless persons were thought to stay at night.

The letter from the RCC's to the governmental units emphasized the importance of listing night-time congregating sites. The list of shelters was expanded using information from administrative records and informed local sources. The street sites were limited to the list provided by the jurisdictions. All governmental units were eligible for ''Shelter and Street Night.'' For cities with 50,000 or more persons, the Census Bureau took additional steps to update the list of shelter and street locations if the local jurisdiction did not respond to the certified letter. Smaller cities and rural areas participated if the local jurisdiction provided the Census Bureau a list of shelters or open public places to visit or if shelters were identified through our inventory development, local knowledge update, or during the Special Place Prelist operation.

The Census Bureau encouraged persons familiar with homeless persons and the homeless themselves to apply as enumerators. This recruiting effort was particularly successful in larger cities.

For shelters, both long- and short-form Individual Census Reports (ICR's) were distributed. For street enumeration, only short-form ICR's were used. Persons in shelters and at street locations were asked the basic population questions. Additional questions about social and economic characteristics were asked of a sample of persons in shelters only.

Enumerators were instructed *not* to ask who was homeless; rather, they were told to count all persons (including children) staying overnight at the shelters, and everyone they saw on the street except the police, other persons in uniform, and persons engaged in employment or obvious money-making activities other than begging and panhandling.

At both shelter and street sites, persons found sleeping were not awakened to answer questions. Rather, the enumerator answered the sex and race questions by observation and estimated the person's age to the best of his or her ability. In shelters, administrative records and information from the shelter operator were used, when available, for persons who were already asleep.

Less than 1 percent of shelters refused to participate in the census count at first. By the end of the census period, most of those eventually cooperated and the number of refusals had been reduced to a few. For the final refusals, head counts and population characteristics were obtained by enumerators standing outside such shelters and counting people as they left in the morning.

The ''street'' count was restricted to persons who were visible when the enumerator came to the open, public locations that had been identified by local jurisdictions. Homeless persons who were well hidden, moving about, or in locations other than those identified by the local governments were likely missed. The number missed will never be known and there is no basis to make an estimate of the number missed from census data. The count of persons in open, public places was affected by many factors, including the extra efforts made to encourage people to go to shelters for ''Shelter and Street Night,'' the weather (which was unusually cold in many parts of the country), the presence of the media, and distrust of the census. Expectations of the number of homeless persons on the street cannot be based on the number seen during the day because the night-time situation is normally very different as more homeless persons are in shelters or very well hidden.

For both ''Shelter-and-Street-Night'' locations, the Census Bureau assumed that the usual home of those enumerated was in the block where they were found (shelter or street).

The ''Shelter-and-Street-Night'' operation replaced and expanded the 1980 Mission Night (M-Night) and Casual Count operations. These two operations were aimed at counting the population who reported having no usual residence. M-Night was conducted a week after Census Day, in April 1980. Enumerators visited hotels, motels, and similar places costing $4 or less each night; missions, flophouses, local jails and similar places at which the average length of stay was 30 days or less; and nonshelter locations, such as bus depots, train stations, and all night movie theaters. Questions were asked of everyone, regardless of age. Enumerators conducted M-Night up to midnight on April 8, 1980, and returned the next morning to collect any forms completed after midnight.

The Casual Count operation was conducted in May 1980 at additional nonshelter locations, such as street corners, pool halls, welfare and employment offices. This operation lasted for approximately 2 weeks. Casual Count was conducted during the day only in selected large central cities. Only persons who appeared to be at least 15 years of age were asked if they had been previously enumerated. Casual Count was actually a coverage-improvement operation. It was not specifically an operation to count homeless persons living in the streets. Persons were excluded if they said they had a usual home outside the city because it was not cost effective to check through individual questionnaires in another city to try to find the person.

PROCESSING PROCEDURES

Respondents returned many census questionnaires by mail to 1 of over 344 census district offices or to one of six processing offices. In these offices, the questionnaires were ''checked in'' and edited for completeness and consistency of the responses. After this initial processing had been performed, all questionnaires were sent to the processing offices.

In the processing offices, the household questionnaires were microfilmed and processed by the Film Optical Sensing Device for Input to Computers (FOSDIC). For most items on the questionnaire, the information supplied

by the respondent was indicated by filling circles in predesignated positions. FOSDIC electronically ''read'' these filled circles from the microfilm copy of the questionnaire and transferred the information to computer tape. The computer tape did not include individual names, addresses, or handwritten responses.

The data processing was performed in several stages. All questionnaires were microfilmed, ''read'' by FOSDIC, and transferred to computer disk. Selected written entries in the race question on both the short and long forms were keyed from the microfilm and coded using the data base developed from the 1980 census and subsequent content and operational tests. Keying of other written entries on the long forms occurred in the seven processing offices.

The information (for example, income dollar amounts or homeowner shelter costs) on these keyed files was merged with the FOSDIC data or processed further through one of three automated coding programs. The codes for industry, occupation, place-of-birth, migration, place-of-work, ancestry, language, relationship, race, and Hispanic origin were merged with the FOSDIC data for editing, weighting, and tabulating operations at Census Bureau headquarters. All responses to the questions on Individual Census Reports (ICR's), Military Census Reports (MCR's), and Shipboard Census Reports (SCR's) were keyed, not processed by microfilm or FOSDIC.

APPENDIX E.
Facsimiles of Respondent Instructions and Questionnaire Pages

Your Guide for the

1990 U.S. Census Form

This guide gives helpful information on filling out your census form. If you need more help, call the local U.S. census office. **The telephone number is on the cover of the questionnaire.** After you have filled out your form, please return it in the **envelope** we have provided.

On the inside	Page
How to fill out your census form	**2**
Example	**2**
Your answers are confidential	**2**
Instructions for the census questions	**3–11**
What the census is about	**12**
Why the census asks certain questions	**12**

CENSUS '90

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

D-4

How to Fill Out Your Census Form

Please use a black lead pencil only. Black lead pencil is better to use than ballpoint or other pens. Most questions ask you to fill in the circle, or to print the information. See **Example** below.

Make sure you print answers for everyone in this household. If someone in the household, such as a roomer or boarder, does not want to give you all the information for the form, print at least the person's name and answer questions 2 and 3. A census taker will call to get the other information directly from the person.

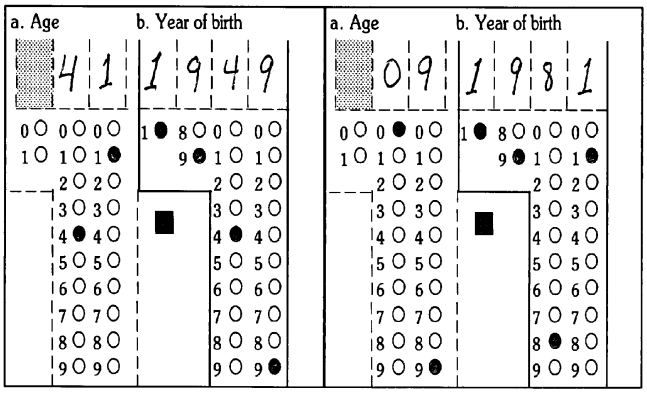
There may be a question you cannot answer exactly. For example, you might not know the age of an elderly person or the price for which your house would sell. Ask someone else in your household; if no one knows, give your best estimate.

Instructions for individual questions begin on page 3 of this guide. They will help you to understand the questions and answer them correctly.

If you have a question about filling out the census form or need assistance, call the local U.S. census office. **The telephone number is given on the cover of the questionnaire.**

If you do not mail back your census form, a census taker will be sent out to assist you. But it saves time and your taxpayer dollars if you fill out the form yourself and mail it back.

Example



Your Answers Are Confidential

The law authorizing the census (Title 13, U.S. Code) also provides that your answers are confidential. No one except census workers may see your completed form and they can be fined and/or imprisoned for any disclosure of your answers. Only after 72 years can your individual census form become available to other government agencies (whether federal, state, county, or local). Until then, no other person or business can see your individual report.

The same law that protects the confidentiality of your answers requires that you provide the information asked in this census to the best of your knowledge.

Information collected from the decennial census is used for a variety of statistical purposes. Census information is used to find out where funding is most needed for schools, health centers, highways, and other services. Census results are used by members of public and private groups--including community organizations--and by businesses and industries, as well as by agencies at all levels of government.

Instructions for Questions 1a through 7

1a. List everyone who lives at this address in question 1a. If you are not sure if you should list a person, see the rules on page 1 of the census form. If you are still not sure, answer as best you can and fill in "Yes" for question H1a or H1b, as appropriate.

If there are more than seven people in your household, please list all the persons in question 1a, complete the form for seven people, and mail it back in the enclosed envelope. A census taker will call to obtain the information for the additional persons.

b. If everyone listed in question 1a usually lives at another address(es), print the address(es) in 1b.

2. Fill one circle to show how each person is related to the person in column 1.

If **Other relative** of the person in column 1, print the exact relationship such as son-in-law, daughter-in-law, grandparent, nephew, niece, mother-in-law, father-in-law, cousin, and so on.

If the **Stepson/stepdaughter** of the person in column 1 also has been legally adopted by the person in column 1, mark **Stepson/stepdaughter** but do not mark **Natural-born or adopted son/daughter**. In other words, **Stepson/stepdaughter** takes precedence over **Adopted son/daughter.**

4. Fill ONE circle for the race each person considers himself/herself to be.

If you fill the **Indian (Amer.)** circle, print the name of the tribe or tribes in which the person is enrolled. If the person is not enrolled in a tribe, print the name of the principal tribe(s).

If you fill the **Other API** circle [under **Asian or Pacific Islander (API)], only** print the name of the group to which the person belongs. For example, the **Other API** category includes persons who identify as Burmese, Fijian, Hmong, Indonesian, Laotian, Bangladeshi, Pakistani, Tongan, Thai, Cambodian, Sri Lankan, and so on.

If you fill the **Other race** circle, be sure to print the name of the race.

If the person considers himself/herself to be **White, Black or Negro, Eskimo or Aleut, fill one circle only. Please do not print the race in the boxes.**

The **Black or Negro** category also includes persons who identify as African-American, Afro-American, Haitian, Jamaican, West Indian, Nigerian, and so on.

All persons, regardless of citizenship status, should answer this question.

5. Print age at last birthday in the space provided (print "00" for babies less than 1 year old). Fill in the matching circle below each box. Also, print year of birth in the space provided. Then fill in the matching circle below each box. For an illustration of how to complete question 5, see the **Example** on page 2 of this guide.

6. If the person's only marriage was annulled, mark **Never married**.

7. A person is of Spanish/Hispanic origin if the person's origin (ancestry) is Mexican, Mexican-Am., Chicano, Puerto Rican, Cuban, Argentinean, Colombian, Costa Rican, Dominican, Ecuadoran, Guatemalan, Honduran, Nicaraguan, Peruvian, Salvadoran, from other Spanish-speaking countries of the Caribbean or Central or South America, or from Spain.

If you fill the **Yes, other Spanish/Hispanic** circle, print one group.

A person who is not of Spanish/Hispanic origin should answer this question by filling the **No (not Spanish/Hispanic)** circle. Note that the term **"Mexican-Am."** refers only to persons of Mexican origin or ancestry.

All persons, regardless of citizenship status, should answer this question.

Instructions for Question H1a through H1b

H1a. Refer to the list of persons you entered in question 1a on page 1. If you left anyone out of your list because you were not sure if the person(s) should be listed, answer question H1a as **Yes.** Then enter the name(s) and reason(s) why you did not list the person(s) on the lines provided. Otherwise, answer question H1a as **No**.

b. If you included anyone on your list even though you were not sure that you should list the person(s), answer question H1b as **Yes**. Then enter the name(s) and reason(s) why you listed the person(s) on the lines provided. Otherwise, answer question H1b as **No**.

Instructions for Questions H2 through H7b

H2. Fill only one circle.

Count all occupied and vacant apartments in the house or building. Do not count stores or office space.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall that goes from ground to roof. An example of **A one-family house attached to one or more houses** is a house in a row of houses attached to one another.

A mobile home or trailer that has had one or more rooms added or built onto it should be counted as a *one-family detached house;* a porch or shed is not considered a room.

H3. Count only whole rooms in your house, apartment, or mobile home used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, foyers, halls, half-rooms, porches, balconies, unfinished attics, unfinished basements, or other unfinished space used for storage.

H4. Housing is owned if the owner or co-owner lives in it. Mark **Owned by you or someone in this household with a mortgage or loan** if the house, apartment, or mobile home is mortgaged or there is a contract to purchase. Mark **Owned by you or someone in this household free and clear (without a mortgage)** if there is no mortgage or other debt. If the house, apartment, or mobile home is owned but the land is rented, mark this question to show the status of the house, apartment, or mobile home.

Mark **Rented for cash rent** if any money rent is paid, even if the rent is paid by persons who are not members of your household, or by a federal, state, or local government agency.

Mark **Occupied without payment of cash rent** if the unit is **not** owned or being bought by the occupants and if money rent is **not** paid or contracted. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. A house or apartment may be provided as part of wages or salary. Examples are: caretaker's or janitor's house or apartment; parsonages; tenant farmer or sharecropper houses for which the occupants do not pay cash rent; or military housing.

H5a. Answer H5a and H5b if you live in a one-family house or a mobile home; include only land that you own or rent.

b. A business is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

H6. If this is a house, include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land. If this is a condominium unit, estimate the value for your house or apartment including your share of the common elements. If this is a mobile home, include the value of the mobile home and the value of the land. If you rent the land, estimate the value of the rented land and add it to the value of the mobile home.

H7a. Report the rent agreed to or contracted for, even if the rent for your house, apartment, or mobile home is unpaid or paid by someone else.

If rent is paid:	Multiply rent by:	If rent is paid:	Divide rent by:
By the day	30	4 times a year	3
By the week	4	2 times a year	6
Every other week	2	Once a year	12

b. Answer **Yes** if meals are included in the monthly rent payment, or you must contract for meals or a meal plan in order to live in this building.

Instructions for Questions H8 through H19b

H8. The *person listed in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house, apartment, or mobile home is owned, being bought, or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house, apartment, or mobile home.

H9. Include all rooms intended to be used as bedrooms in this house, apartment, or mobile home, even if they are currently being used for other purposes.

H10. Mark **Yes, have all three facilities** if you have all the facilities mentioned; all facilities must be in your house, apartment, or mobile home, but not necessarily in the same room. Consider that you have hot water even if you have it only part of the time. Mark **No** if any of the three facilities is not present.

H11. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cookstove.

H12. Answer **Yes** only if the telephone is located in your house, apartment, or mobile home.

H13. Count company cars (including police cars and taxicabs) and company trucks of one-ton capacity or less that are regularly kept at home and used by household members for nonbusiness purposes. Do **not** count cars or trucks permanently out of working order.

H14. Fill the circle for the fuel used most to heat your house, apartment, or mobile home. In buildings containing more than one apartment you may obtain this information from the owner, manager, or janitor.

Solar energy is provided by a system that collects, stores, and distributes heat from the sun. **Other fuel** includes any fuel not separately listed; for example, purchased steam, fuel briquettes, waste material, etc.

H15. If a well provides water for five or more houses, apartments, or mobile homes, mark **A public system**. If a well provides water for four or fewer houses, apartments, or mobile homes, fill one of the circles for **Individual well**.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. **Dug wells** are generally hand dug and are larger than 1½ feet wide.

H16. A **public sewer** may be operated by a government body or private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.

H17. Fill the circle corresponding to the period in which the original construction was completed, *not* the time of any later remodeling, additions, or conversions. In buildings containing more than one apartment, the owner, manager, or janitor may be of help in determining when the building was built.

If you live in a houseboat or a trailer or mobile home, fill the circle corresponding to the model year in which it was manufactured.

If you do not know the period when the building was first constructed, fill the circle for **Don't know**.

H18. A *condominium* is a type of ownership in which the apartments, houses, or mobile homes in a building or development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. Cooperative occupants should mark **No**.

H19a. Answer H19a and H19b if you live in a one-family house or mobile home.

b. *This property* is the acreage on which the house is located; it includes adjoining land you rent for your use. Report sales made in 1989 from this property by you or previous occupants.

Instructions for Questions H20 through H26

H20. If your house or apartment is rented, enter the costs for utilities and fuels **only if you pay for them in addition to the rent entered in H7a.**

If you live in a condominium, enter the costs for utilities and fuels **only if you pay for them in addition to your condominium fee.**

If your fuel and utility costs are already included in your rent or condominium fee, fill the **Included in rent or in condominium fee** circle. Do not enter any dollar amounts.

The amounts to be reported should be the total amount for the past 12 months. Estimate as closely as possible when exact costs are not known. If you have lived in this house or apartment less than 1 year, estimate the yearly cost.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own house or apartment. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket [ ] the two utilities.

H21. Report taxes for all taxing jurisdictions (city or town, county, state, school district, etc.) even if they are included in your mortgage payment, not yet paid or paid by someone else, or are delinquent. Do not include taxes past due from previous years.

H22. When premiums are paid on other than a yearly basis, convert to a yearly basis. Enter the yearly amount even if no payment was made during the past 12 months.

H23a. The word *mortgage* is used as a general term to indicate all types of loans that are secured by real estate.

b. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see the instructions for H7a to change it to a monthly amount.

Include payments on first mortgages and contracts to purchase only. Payments for second or junior mortgages and home equity loans should be reported in H24b.

H24a. A second or junior mortgage or home equity loan is secured by real estate.

b. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H7a and change it to a monthly amount. Include payments on all second or junior mortgages or home equity loans.

H25. A *condominium fee* is normally assessed by the condominium owners' association for the purpose of improving and maintaining the common areas. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see the instructions for H7a on how to change it to a monthly amount.

H26. Report amount even if your bills are unpaid or paid by someone else.

Include payments for personal property taxes, land or site rent, registration fees and license fees. Do not include real estate taxes already reported in H21.The amount to be reported should be the total amount for an entire 12-month billing period even if made in two or more installments. Estimate as closely as possible when exact costs are not known.

Instructions for Question 8

8. *For persons born in the United States:*

Print the name of the State in which this person was born. If the person was born in Washington, D.C., print District of Columbia. If the person was born in a U.S. territory or commonwealth, print Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas.

For persons born outside the United States:

Print the name of the foreign country or area where the person was born. Use current boundaries, not boundaries at the time of the person's birth. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland, or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example,West Indies).

Instructions for Questions 9 through 13

9. A person should fill the **Yes, U.S. citizen by naturalization** circle only if he/she has completed the naturalization process and is now a United States citizen. If the person was born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas, he/she should fill the **Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas** circle. If the person was born outside the United States (or at sea) and has at least one American parent, he/she should fill the **Yes, born abroad of American parent or parents** circle.

10. If the person has entered the United States (that is, the 50 states and the District of Columbia) more than once, fill the circle for the latest year he/she came to stay.

11. Do not include enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college.

A *public school* is any school or college that is controlled and supported primarily by a local, county, State, or Federal Government. Schools are private if supported and controlled primarily by religious organizations or other private groups.

12. Mark the category for the highest grade or level of schooling the person has **successfully completed** or the **highest degree** the person received. If the person is enrolled in school, mark the category containing the highest grade completed (the grade previous to the grade in which enrolled). Schooling completed in foreign or ungraded schools should be reported as the equivalent level of schooling in the regular American school system.

Persons who completed high school by passing an equivalency test, such as the General Educational Development (GED) examination, and did not attend college, should fill the circle for high school graduate.

Do not include vocational certificates or diplomas from vocational, trade, or business schools or colleges unless they were college level associate degrees or higher.

Some examples of *professional school degrees* include medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology. Do not include barber school, cosmetology, or other training for a specific trade.

Do not include honorary degrees awarded by colleges and universities to individuals for their accomplishments. Include only "earned" degrees.

13. Print the ancestry group. Ancestry refers to the person's ethnic origin or descent, "roots," or heritage. Ancestry also may refer to the country of birth of the person or the person's parents or ancestors before their arrival in the United States. *All* persons, regardless of citizenship status, should answer this question.

Persons who have more than one origin and cannot identify with a single ancestry group may report two ancestry groups (for example, German-Irish).

Be specific. For example, print whether West Indian, Asian Indian, or American Indian. West Indian includes persons whose ancestors came from Jamaica, Trinidad, Haiti, etc. Distinguish Cape Verdean from Portuguese; French Canadian from Canadian; and Dominican Republic from Dominica Island.

A religious group should not be reported as a person's ancestry.

Instructions for Questions 14a through 19

14a. Mark **Yes** if this person lived in this same house or apartment on April 1, 1985, even if he/she moved away and came back since then. Mark **No** if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different lot or trailer site).

b. If this person lived in a different house or apartment on April 1, 1985, give the location of this person's usual home at that time.

Part (1)

If the person lived in the United States on April 1, 1985, print the name of the State (or District of Columbia) where he or she lived. Continue with parts (2) through (4).

If the person lived in a U.S. territory or commonwealth, print the name of the territory or commonwealth, such as Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas. Then go to question 15a.

If the person lived outside the United States, print the name of the foreign country or area where he or she lived. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies). Then go to question 15a.

Part (2)

If the person lived in Louisiana, print the parish name. If the person lived in Alaska, print the borough name. If the person lived in New York city and the county name is not known, print the borough name. If the person lived in an independent city (not in any county) or in Washington, D.C., leave blank and enter the city name in part (3).

Part (3)

If the person lived in New England, print the name of the town rather than the village name, unless the name of the town is not known. If the person lived outside the limits or boundaries of any city or town, print the name of the post office or the nearest town and mark **No, lived outside the city/town limits** in part (4).

Part (4)

Mark **Yes** if the location is now inside the city/town limits even if it was not inside the limits on April 1, 1985; that is, if the area was annexed by the city/town since that time.

15. Mark **Yes** if the person sometimes or always speaks a language other than English at home.

Do not mark **Yes** for a language spoken only at school or if speaking is limited to a few expressions or slang.

Print the name of the language spoken at home. If this person speaks more than one non-English language and cannot determine which is spoken more often, report the first language the person learned to speak.

17a. For a person with service in the National Guard or a military reserve unit, fill one of the two **Yes, active duty** circles if and only if the person has ever been called up for active duty other than training; otherwise, mark **Yes, service in Reserves or National Guard only**. For a person whose only service was as a civilian employee or volunteer for the Red Cross, USO, Public Health Service, or War or Defense Department, mark **No**. Count **World War II** Merchant Marine Seaman service as active duty; do **not** count other Merchant Marine service as active duty.

18. Mark **Yes** to part (a) if a health condition substantially limits this person in his or her choice of occupation or if the condition limits the amount of work that can be accomplished in a given period of time. Mark **Yes** to part (b) if the health condition prevents this person from holding any significant employment.

19. Consider a person to have difficulty with these activities if any of the following situations apply: (1) it takes extra time or extra effort for the person to perform one or more of the activities, (2) there are times when the person cannot perform one or more of the activities, or (3) the person is completely unable to perform one or more of the activities.

Instructions for Questions 20 through 23b

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with you. Do not include miscarriages or stillborn children or any adopted, foster, or stepchildren.

21a. *Count as work — Mark **Yes:***

- Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).
- Work in own business, professional practice, or farm.
- Any work in a family business or farm, paid or not.
- Any part-time work including babysitting, paper routes, etc.
- Active duty in Armed Forces.

*Do not count as work — Mark **No:***

- Housework or yard work at home.
- Unpaid volunteer work.
- School work.
- Work done as a resident of an institution.

22a. Include the street type (for example, St., Road, Ave.) and the street direction (if a direction such as "North" is part of the address). For example, print 1239 N. Main St. or 1239 Main St., N.W. not just 1239 Main.

If the only known address is a post office box, give a description of the work *location*. For example, print the name of the building or shopping center where the person works, the nearest intersection, the nearest street where the workplace is located, etc. DO NOT GIVE A POST OFFICE BOX NUMBER.

If the person worked at a military installation or military base that has no street address, report the name of the military installation or base.

If the person worked at several locations, but reported to the same location each day to begin work, print the address of the location where he or she reported. If the person did not report to the same location each day to begin work, print the address of the location where he or she worked most last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), print the exact address of the location or branch where the person worked. If the exact address of a school is not known, print the name of the school.

If the person worked on a college or university campus and the exact address of the workplace is not known, print the name of the building where he or she worked.

d. *If the person worked in New York city* and the county is not known, print the name of the borough where the person worked.

If the person worked in Louisiana, print the name of the parish where the person worked.

If the person worked in Alaska, print the name of the borough where the person worked.

e. *If the person worked in a foreign country or Puerto Rico, Guam, etc.,* print the name of the country in 22e and leave the other parts of question 22 blank.

23a. *If the person usually used more than one type of transportation to get to work* (for example, rode the bus and transferred to the subway), fill the circle of the one method of transportation that he/she used for most of the distance during the trip.

b. *If the person was driven to work by someone who then drove back home or to a nonwork destination,* fill the circle for **Drove alone.**

DO NOT include persons who rode to school or some other nonwork destination in the count of persons who rode in the vehicle.

Instructions for Questions 24a through 30

24a. Give the time of day the person usually *left home to go to work*. DO NOT give the time that the person usually began his or her work.

If the person usually left home to go to work sometime *between 12:00 o'clock midnight and 12:00 o'clock noon*, fill the **a.m.** circle.

If the person usually left home to go to work sometime *between 12:00 o'clock noon and 12:00 o'clock midnight*, fill the **p.m.** circle.

b. Travel time is from door to door. Include time taken waiting for public transportation or picking up passengers in a carpool.

25. If the person works only during certain seasons or on a day-by-day basis when work is available, mark **No**.

26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last 4 weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

27. Look at the instructions for question 21a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm, and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that had no company name, print the name of the individual worked for. If the person worked in his/her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a did. If there is more than one activity, describe only the major activity at the place where the person worked. Enter what is made, what is sold, or what service is given.

Some examples of what to enter:

Enter a description like the following –	**Do not enter –**
Metal furniture manufacturing	Furniture company
Retail grocery store	Grocery store
Petroleum refining	Oil company
Cattle ranch	Ranch

29. Print two or more words to describe the kind of work the person did. If the person was a trainee, apprentice, or helper, include that in the description.

Some examples of what to enter:

Enter a description like the following –	**Do not enter –**
Production clerk	Clerk
Carpenter's helper	Helper
Auto engine mechanic	Mechanic
Registered nurse	Nurse

30. Mark **Employee of a PRIVATE NOT-FOR-PROFIT . . . organization** if the person worked for a cooperative, credit union, mutual insurance company, or similar organization.

Employees of foreign governments, the United Nations, and other international organizations should mark **PRIVATE NOT-FOR-PROFIT . . . organization**.

For persons who worked at a public school, college or university, mark the appropriate *government* category; for example, mark **State GOVERNMENT employee** for a state university, or mark **Local GOVERNMENT employee** for a county-run community college or a city-run public school.

Instructions for Questions 31a through 32h

31a. Look at the instructions for question 21a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

32. Fill the **Yes** or **No** circle for each part and enter the amount received during 1989.

If income from any source was received jointly by household members, report, if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and fill the **No** circle for the other person.

a. Include wages and salaries from *all* jobs *before* deductions. Be sure to include any tips, commissions, or bonuses. Owners of *incorporated* businesses should enter their salary here. Military personnel should include base pay plus cash housing and/or subsistence allowance, flight pay, uniform allotments, reenlistment bonuses, etc.

b. Include *NONFARM* profit (or loss) from self-employment in sole proprietorships and partnerships. *Exclude* profit (or loss) of incorporated businesses you own.

c. Include *FARM* profit (or loss) from self-employment in sole proprietorships and partnerships. *Exclude* profit (or loss) of incorporated farm businesses you own. Also *exclude* amounts from land rented for cash but include amounts from land rented for shares.

d. Include interest received or credited to checking and savings accounts, money market funds, certificates of deposit (CDs), IRAs, KEOGHs, and government bonds.

Include dividends received, credited, or reinvested from ownership of stocks or mutual funds.

Include profit (or loss) from royalties and the rental of land, buildings or real estate, or from roomers or boarders. Income received by self-employed persons whose *primary* source of income is from renting property or from royalties should be included in questions 32b or 32c above. Include regular payments from an estate or trust fund.

e. Include Social Security (and/or Railroad Retirement) payments to retired persons, to dependents of deceased insured workers, and to disabled workers *before* Medicare deductions.

f. Include Supplemental Security Income received by aged, blind, or disabled persons, Aid to Families with Dependent Children, or income from other government programs such as general or emergency assistance. Do not include assistance received from private charities. *Exclude* assistance to pay for heating (cooling) costs.

g. Include retirement, disability, or survivor benefits received from companies and unions; Federal, State, and local governments, and the U.S. military. Include regular income from annuities and IRA or KEOGH retirement plans.

h. Include Veterans' (VA) disability compensation and educational assistance payments (VEAP), unemployment compensation, child support or alimony, and all other regular payments such as Armed Forces transfer payments; assistance from private charities; regular contributions from persons not living in the household, etc.

Do not include the following as income in any item:

- Refunds or rebates of any kind
- Withdrawals from savings of any kind
- Capital gains or losses from the sale of homes, shares of stock, etc.
- Inheritances or insurance settlements
- Any type of loan
- Pay in-kind such as food, free rent, etc.

What the Census Is About — Some Questions and Answers

Why are we taking a census?
The most important reason for taking a decennial census is to determine how many representatives each state will have in Congress.

What does the Census Bureau do with the information you provide?
The individual information collected in the census is grouped together into statistical totals. Information such as the number of persons in a given area, their ages, educational background, the characteristics of their housing, etc., enable government, business, and industry to plan more effectively.

How long have we been taking the census?
The first census was taken in 1790 in accordance with the requirement in the first article of the constitution. A census has been taken every 10 years since. The 1990 Decennial Census marks the 200th anniversary of the census.

How are you being counted?
Census forms are delivered to all households a few days before census day. Households are requested to fill out the form and mail it back to the census office.

Why the Census Asks Certain Questions

Here are a few reasons for asking some of the questions.

It is as important to get information about people and their houses as it is to count them.

Name?
Names help make sure that everyone in a household is counted, but that no one is counted twice.

Value or rent?
Government and planning agencies use answers to these questions in combination with other information to develop housing programs to meet the needs of people at different economic levels.

Complete plumbing?
This question gives information on the quality of housing. The data are used with other statistics to show how the "level of living" compares in various areas and how it has changed over time.

Place of birth?
This question provides information used to study long-term trends as to where people move and to study migration patterns and differences in growth patterns.

Job?
Answers to the questions about the jobs people hold provide information on the extent and types of employment in different areas of the country. From this information, training programs can be developed and the need for new industries can be determined.

Income?
Income, more than anything else, determines how families or persons live. Income information makes it possible to compare the economic levels of different areas.

CENSUS '90

OFFICIAL 1990 U.S. CENSUS FORM

Thank you for taking time to complete and return this census questionnaire. It's important to you, your community, and the Nation.

The law requires answers but guarantees privacy.

By law (Title 13, U.S. Code), you're required to answer the census questions to the best of your knowledge. However, the same law guarantees that your census form remains confidential. For 72 years--or until the year 2062--only Census Bureau employees can see your form. No one else--no other government body, no police department, no court system or welfare agency--is permitted to see this confidential information under any circumstances.

How to get started--and get help.

Start by listing on the next page the names of all the people who live in your home. Please answer all questions with a black lead pencil. You'll find detailed instructions for answering the census in the enclosed guide. If you need additional help, call the toll-free telephone number to the left, near your address.

Please answer and return your form promptly.

Complete your form and return it by April 1, 1990 in the postage-paid envelope provided. Avoid the inconvenience of having a census taker visit your home.

Again, thank you for answering the 1990 Census.
Remember: Return the completed form by April 1, 1990.

Para personas de habla hispana –
(For Spanish-speaking persons)

Si usted desea un cuestionario del censo en español, llame sin cargo alguno al siguiente número: **1-800-CUENTAN**
(o sea 1-800-283-6826)

U.S. Department of Commerce
BUREAU OF THE CENSUS

FORM **D-2**

OMB No. 0607-0628
Approval Expires 07/31/91

Page 1

The 1990 census must count every person at his or her "usual residence." This means the place where the person lives and sleeps most of the time.

1a. List on the numbered lines below the name of each person living here on Sunday, April 1, including all persons staying here who have no other home. If EVERYONE at this address is staying here temporarily and usually lives somewhere else, follow the instructions given in question 1b below.

Include	Do NOT include
• Everyone who usually lives here such as family members, housemates and roommates, foster children, roomers, boarders, and live-in employees	• Persons who usually live somewhere else
• Persons who are temporarily away on a business trip, on vacation, or in a general hospital	• Persons who are away in an institution such as a prison, mental hospital, or a nursing home
• College students who stay here while attending college	• College students who live somewhere else while attending college
• Persons in the Armed Forces who live here	• Persons in the Armed Forces who live somewhere else
• Newborn babies still in the hospital	
• Children in boarding schools below the college level	
• Persons who stay here most of the week while working even if they have a home somewhere else	• Persons who stay somewhere else most of the week while working
• Persons with no other home who are staying here on April 1	

Print last name, first name, and middle initial for each person. Begin on line 1 with the household member (or one of the household members) in whose name this house or apartment is owned, being bought, or rented. If there is no such person, start on line 1 with any adult household member.

	LAST	FIRST	INITIAL		LAST	FIRST	INITIAL
1				7			
2				8			
3				9			
4				10			
5				11			
6				12			

1b. If EVERYONE is staying here only temporarily and usually lives somewhere else, list the name of each person on the numbered lines above, fill this circle → ○ and print their usual address below. DO NOT PRINT THE ADDRESS LISTED ON THE FRONT COVER.

House number | Street or road/Rural route and box number | Apartment number

City | State | ZIP Code

County or foreign country | Names of nearest intersecting streets or roads

NOW PLEASE OPEN THE FLAP TO PAGE 2 AND ANSWER ALL QUESTIONS FOR THE FIRST 7 PEOPLE LISTED. USE A BLACK LEAD PENCIL ONLY.

PLEASE ALSO ANSWER HOUSING QUESTIONS ON PAGE 3 →

Please fill one column → for each person listed in Question 1a on page 1.

	PERSON 1	PERSON 2
	Last name First name Middle initial	Last name First name Middle initial
2. How is this person related to PERSON 1? Fill ONE circle for each person. If **Other relative** of person in column 1, fill circle and print exact relationship, such as mother-in-law, grandparent, son-in-law, niece, cousin, and so on.	START in this column with the household member (or one of the members) in whose name the home is owned, being bought, or rented. If there is no such person, start in this column with any adult household member.	If a RELATIVE of Person 1: ○ Husband/wife ○ Brother/sister ○ Natural-born or adopted son/daughter ○ Father/mother ○ Grandchild ○ Other relative → ○ Stepson/ stepdaughter If NOT RELATED to Person 1: ○ Roomer, boarder, or foster child ○ Unmarried partner ○ Housemate, roommate ○ Other nonrelative
3. Sex Fill ONE circle for each person.	○ Male ○ Female	○ Male ○ Female
4. Race Fill ONE circle for the race that the person considers himself/herself to be. If **Indian (Amer.)**, print the name of the enrolled or principal tribe. → If **Other Asian or Pacific Islander (API)**, print one group, for example: Hmong, Fijian, Laotian, Thai, Tongan, Pakistani, Cambodian, and so on. → If **Other race**, print race. →	○ White ○ Black or Negro ○ Indian (Amer.) (Print the name of the enrolled or principal tribe.) → ○ Eskimo ○ Aleut Asian or Pacific Islander (API) ○ Chinese ○ Japanese ○ Filipino ○ Asian Indian ○ Hawaiian ○ Samoan ○ Korean ○ Guamanian ○ Vietnamese ○ Other API → ○ Other race (Print race) →	○ White ○ Black or Negro ○ Indian (Amer.) (Print the name of the enrolled or principal tribe.) → ○ Eskimo ○ Aleut Asian or Pacific Islander (API) ○ Chinese ○ Japanese ○ Filipino ○ Asian Indian ○ Hawaiian ○ Samoan ○ Korean ○ Guamanian ○ Vietnamese ○ Other API → ○ Other race (Print race) →
5. Age and year of birth **a.** Print each person's age at last birthday. Fill in the matching circle below each box. **b.** Print each person's year of birth and fill the matching circle below each box.	a. Age: 1 ● 8 b. Year of birth: 1 ● 8 0 0 0	a. Age: 1 ● 8 b. Year of birth: 1 ● 8 0 0 0
6. Marital status Fill ONE circle for each person.	○ Now married ○ Separated ○ Widowed ○ Never married ○ Divorced	○ Now married ○ Separated ○ Widowed ○ Never married ○ Divorced
7. Is this person of Spanish/Hispanic origin? Fill ONE circle for each person. If **Yes, other Spanish/Hispanic**, print one group. →	○ No (not Spanish/Hispanic) ○ Yes, Mexican, Mexican-Am., Chicano ○ Yes, Puerto Rican ○ Yes, Cuban ○ Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →	○ No (not Spanish/Hispanic) ○ Yes, Mexican, Mexican-Am., Chicano ○ Yes, Puerto Rican ○ Yes, Cuban ○ Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →
FOR CENSUS USE →	○ ○	○ ○

PERSON 7

Last name

First name | Middle initial

If a RELATIVE of Person 1:

- ○ Husband/wife
- ○ Natural-born or adopted son/daughter
- ○ Stepson/ stepdaughter
- ○ Brother/sister
- ○ Father/mother
- ○ Grandchild
- ○ Other relative

If NOT RELATED to Person 1:

- ○ Roomer, boarder, or foster child
- ○ Housemate, roommate
- ○ Unmarried partner
- ○ Other nonrelative

- ○ Male
- ○ Female

- ○ White
- ○ Black or Negro
- ○ Indian (Amer.) (Print the name of the enrolled or principal tribe.)
- ○ Eskimo
- ○ Aleut

Asian or Pacific Islander (API)

- ○ Chinese
- ○ Filipino
- ○ Hawaiian
- ○ Korean
- ○ Vietnamese
- ○ Japanese
- ○ Asian Indian
- ○ Samoan
- ○ Guamanian
- ○ Other API
- ○ Other race (Print race)

a. Age

b. Year of birth — 1 ● 8 ○ ○ ○ ○

- ○ Now married
- ○ Widowed
- ○ Divorced
- ○ Separated
- ○ Never married

- ○ No (not Spanish/Hispanic)
- ○ Yes, Mexican, Mexican-Am., Chicano
- ○ Yes, Puerto Rican
- ○ Yes, Cuban
- ○ Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.)

NOW PLEASE ANSWER QUESTIONS H1a—H26 FOR THIS HOUSEHOLD

H1a. Did you leave anyone out of your list of persons for Question 1a on page 1 because you were not sure if the person should be listed — for example, someone temporarily away on a business trip or vacation, a newborn baby still in the hospital, or a person who stays here once in a while and has no other home?

○ Yes, please print the name(s) and reason(s).
○ No

b. Did you include anyone in your list of persons for Question 1a on page 1 even though you were not sure that the person should be listed — for example, a visitor who is staying here temporarily or a person who usually lives somewhere else?

○ Yes, please print the name(s) and reason(s).
○ No

H2. Which best describes this building? Include all apartments, flats, etc., even if vacant.

- ○ A mobile home or trailer
- ○ A one-family house detached from any other house
- ○ A one-family house attached to one or more houses
- ○ A building with 2 apartments
- ○ A building with 3 or 4 apartments
- ○ A building with 5 to 9 apartments
- ○ A building with 10 to 19 apartments
- ○ A building with 20 to 49 apartments
- ○ A building with 50 or more apartments
- ○ Other

H3. How many rooms do you have in this house or apartment? Do NOT count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ○ 1 room
- ○ 2 rooms
- ○ 3 rooms
- ○ 4 rooms
- ○ 5 rooms
- ○ 6 rooms
- ○ 7 rooms
- ○ 8 rooms
- ○ 9 or more rooms

H4. Is this house or apartment —

- ○ Owned by you or someone in this household with a mortgage or loan?
- ○ Owned by you or someone in this household free and clear (without a mortgage)?
- ○ Rented for cash rent?
- ○ Occupied without payment of cash rent?

If this is a ONE-FAMILY HOUSE —

H5a. Is this house on ten or more acres?

○ Yes ○ No

b. Is there a business (such as a store or barber shop) or a medical office on this property?

○ Yes ○ No

Answer only if you or someone in this household OWNS OR IS BUYING this house or apartment —

H6. What is the value of this property; that is, how much do you think this house and lot or condominium unit would sell for if it were for sale?

- ○ Less than $10,000
- ○ $10,000 to $14,999
- ○ $15,000 to $19,999
- ○ $20,000 to $24,999
- ○ $25,000 to $29,999
- ○ $30,000 to $34,999
- ○ $35,000 to $39,999
- ○ $40,000 to $44,999
- ○ $45,000 to $49,999
- ○ $50,000 to $54,999
- ○ $55,000 to $59,999
- ○ $60,000 to $64,999
- ○ $65,000 to $69,999
- ○ $70,000 to $74,999
- ○ $75,000 to $79,999
- ○ $80,000 to $89,999
- ○ $90,000 to $99,999
- ○ $100,000 to $124,999
- ○ $125,000 to $149,999
- ○ $150,000 to $174,999
- ○ $175,000 to $199,999
- ○ $200,000 to $249,999
- ○ $250,000 to $299,999
- ○ $300,000 to $399,999
- ○ $400,000 to $499,999
- ○ $500,000 or more

Answer only if you PAY RENT for this house or apartment —

H7a. What is the monthly rent?

- ○ Less than $80
- ○ $80 to $99
- ○ $100 to $124
- ○ $125 to $149
- ○ $150 to $174
- ○ $175 to $199
- ○ $200 to $224
- ○ $225 to $249
- ○ $250 to $274
- ○ $275 to $299
- ○ $300 to $324
- ○ $325 to $349
- ○ $350 to $374
- ○ $375 to $399
- ○ $400 to $424
- ○ $425 to $449
- ○ $450 to $474
- ○ $475 to $499
- ○ $500 to $524
- ○ $525 to $549
- ○ $550 to $599
- ○ $600 to $649
- ○ $650 to $699
- ○ $700 to $749
- ○ $750 to $999
- ○ $1,000 or more

b. Does the monthly rent include any meals?

○ Yes ○ No

FOR CENSUS USE

A. Total persons

B. Type of unit

Occupied: ○ First form ○ Cont'n
Vacant: ○ Regular ○ Usual home elsewhere

C1. Vacancy status

- ○ For rent
- ○ For sale only
- ○ Rented or sold, not occupied
- ○ For seas/ rec/occ
- ○ For migrant workers
- ○ Other vacant

C2. Is this unit boarded up?

○ Yes ○ No

D. Months vacant

- ○ Less than 1
- ○ 1 up to 2
- ○ 2 up to 6
- ○ 6 up to 12
- ○ 12 up to 24
- ○ 24 or more

E. Complete after

○ LR ○ TC ○ QA JIC 1
○ P/F ○ RE ○ I/T ○
○ MV ○ ED ○ EN

○ P0 ○ P3 ○ P6
○ P1 ○ P4 ○ IA JIC 2
○ P2 ○ P5 ○ SM ○

F. Cov.

○ 1b ○ 1a ○ 7 ○ H1

G. DO ID

PLEASE ALSO ANSWER THESE

H8. When did the person listed in column 1 on page 2 move into this house or apartment?

- ○ 1989 or 1990
- ○ 1985 to 1988
- ○ 1980 to 1984
- ○ 1970 to 1979
- ○ 1960 to 1969
- ○ 1959 or earlier

H9. How many bedrooms do you have; that is, how many bedrooms would you list if this house or apartment were on the market for sale or rent?

- ○ No bedroom
- ○ 1 bedroom
- ○ 2 bedrooms
- ○ 3 bedrooms
- ○ 4 bedrooms
- ○ 5 or more bedrooms

H10. Do you have COMPLETE plumbing facilities in this house or apartment; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?

- ○ Yes, have all three facilities
- ○ No

H11. Do you have COMPLETE kitchen facilities; that is, 1) a sink with piped water, 2) a range or cookstove, and 3) a refrigerator?

- ○ Yes
- ○ No

H12. Do you have a telephone in this house or apartment?

- ○ Yes
- ○ No

H13. How many automobiles, vans, and trucks of one-ton capacity or less are kept at home for use by members of your household?

- ○ None
- ○ 1
- ○ 2
- ○ 3
- ○ 4
- ○ 5
- ○ 6
- ○ 7 or more

H14. Which FUEL is used MOST for heating this house or apartment?

- ○ Gas: from underground pipes serving the neighborhood
- ○ Gas: bottled, tank, or LP
- ○ Electricity
- ○ Fuel oil, kerosene, etc.
- ○ Coal or coke
- ○ Wood
- ○ Solar energy
- ○ Other fuel
- ○ No fuel used

H15. Do you get water from —

- ○ A public system such as a city water department, or private company?
- ○ An individual drilled well?
- ○ An individual dug well?
- ○ Some other source such as a spring, creek, river, cistern, etc.?

H16. Is this building connected to a public sewer?

- ○ Yes, connected to public sewer
- ○ No, connected to septic tank or cesspool
- ○ No, use other means

H17. About when was this building first built?

- ○ 1989 or 1990
- ○ 1985 to 1988
- ○ 1980 to 1984
- ○ 1970 to 1979
- ○ 1960 to 1969
- ○ 1950 to 1959
- ○ 1940 to 1949
- ○ 1939 or earlier
- ○ Don't know

H18. Is this house or apartment part of a condominium?

- ○ Yes
- ○ No

If you live in an apartment building, skip to H20.

H19a. Is this house on less than 1 acre?

- ○ Yes — *Skip to H20*
- ○ No

b. In 1989, what were the actual sales of all agricultural products from this property?

- ○ None
- ○ $1 to $999
- ○ $1,000 to $2,499
- ○ $2,500 to $4,999
- ○ $5,000 to $9,999
- ○ $10,000 or more

H20. What are the yearly costs of utilities and fuels for this house or apartment?
If you have lived here less than 1 year, estimate the yearly cost.

a. Electricity

$ .00
Yearly cost — Dollars

OR

- ○ Included in rent or in condominium fee
- ○ No charge or electricity not used

b. Gas

$ .00
Yearly cost — Dollars

OR

- ○ Included in rent or in condominium fee
- ○ No charge or gas not used

c. Water

$ .00
Yearly cost — Dollars

OR

- ○ Included in rent or in condominium fee
- ○ No charge

d. Oil, coal, kerosene, wood, etc.

$ .00
Yearly cost — Dollars

OR

- ○ Included in rent or in condominium fee
- ○ No charge or these fuels not used

QUESTIONS FOR YOUR HOUSEHOLD

INSTRUCTION:

Answer questions H21 TO H26, if this is a one-family house, a condominium, or a mobile home that someone in this household OWNS OR IS BUYING; otherwise, go to page 6.

H21. What were the real estate taxes on THIS property last year?

$ .00
Yearly amount — Dollars

OR

○ None

H22. What was the annual payment for fire, hazard, and flood insurance on THIS property?

$ .00
Yearly amount — Dollars

OR

○ None

H23a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?

○ Yes, mortgage, deed of trust, or similar debt
○ Yes, contract to purchase
} *Go to H23b*
○ No — *Skip to H24a*

b. How much is your regular monthly mortgage payment on THIS property? Include payment only on first mortgage or contract to purchase.

$ .00
Monthly amount — Dollars

OR

○ No regular payment required — *Skip to H24a*

c. Does your regular monthly mortgage payment include payments for real estate taxes on THIS property?

○ Yes, taxes included in payment
○ No, taxes paid separately or taxes not required

d. Does your regular monthly mortgage payment include payments for fire, hazard, or flood insurance on THIS property?

○ Yes, insurance included in payment
○ No, insurance paid separately or no insurance

H24a. Do you have a second or junior mortgage or a home equity loan on THIS property?

○ Yes
○ No — *Skip to H25*

b. How much is your regular monthly payment on all second or junior mortgages and all home equity loans?

$ .00
Monthly amount — Dollars

OR

○ No regular payment required

Answer ONLY if this is a CONDOMINIUM —

H25. What is the monthly condominium fee?

$ .00
Monthly amount — Dollars

Answer ONLY if this is a MOBILE HOME —

H26. What was the total cost for personal property taxes, site rent, registration fees, and license fees on this mobile home and its site last year? Exclude real estate taxes.

$ .00
Yearly amount — Dollars

Please turn to page 6.

PLEASE ANSWER THESE QUESTIONS

PERSON 1

Last name | First name | Middle initial

8. In what U.S. State or foreign country was this person born?

(Name of State or foreign country; or Puerto Rico, Guam, etc.)

9. Is this person a CITIZEN of the United States?

- ○ Yes, born in the United States — *Skip to 11*
- ○ Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas
- ○ Yes, born abroad of American parent or parents
- ○ Yes, U.S. citizen by naturalization
- ○ No, not a citizen of the United States

10. When did this person come to the United States to stay?

- ○ 1987 to 1990
- ○ 1985 or 1986
- ○ 1982 to 1984
- ○ 1980 or 1981
- ○ 1975 to 1979
- ○ 1970 to 1974
- ○ 1965 to 1969
- ○ 1960 to 1964
- ○ 1950 to 1959
- ○ Before 1950

11. At any time since February 1, 1990, has this person attended regular school or college? Include only nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or a college degree.

- ○ No, has not attended since February 1
- ○ Yes, public school, public college
- ○ Yes, private school, private college

12. How much school has this person COMPLETED? Fill ONE circle for the highest level COMPLETED or degree RECEIVED. If currently enrolled, mark the level of previous grade attended or highest degree received.

- ○ No school completed
- ○ Nursery school
- ○ Kindergarten
- ○ 1st, 2nd, 3rd, or 4th grade
- ○ 5th, 6th, 7th, or 8th grade
- ○ 9th grade
- ○ 10th grade
- ○ 11th grade
- ○ 12th grade, **NO DIPLOMA**
- ○ **HIGH SCHOOL GRADUATE** - high school DIPLOMA or the equivalent (For example: GED)
- ○ Some college but no degree
- ○ Associate degree in college - Occupational program
- ○ Associate degree in college - Academic program
- ○ Bachelor's degree (For example: BA, AB, BS)
- ○ Master's degree (For example: MA, MS, MEng, MEd, MSW, MBA)
- ○ Professional school degree (For example: MD, DDS, DVM, LLB, JD)
- ○ Doctorate degree (For example: PhD, EdD)

13. What is this person's ancestry or ethnic origin? **(See instruction guide for further information.)**

(For example: German, Italian, Afro-Amer., Croatian, Cape Verdean, Dominican, Ecuadoran, Haitian, Cajun, French Canadian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Irish, Polish, Slovak, Taiwanese, Thai, Ukrainian, etc.)

14a. Did this person live in this house or apartment 5 years ago (on April 1, 1985)?

- ○ Born after April 1, 1985 — *Go to questions for the next person*
- ○ Yes — *Skip to 15a*
- ○ No

b. Where did this person live 5 years ago (on April 1, 1985)?

(1) Name of U.S. State or foreign country

(If outside U.S., print answer above and skip to 15a.)

(2) Name of county in the U.S.

(3) Name of city or town in the U.S.

(4) Did this person live inside the city or town limits?

- ○ Yes
- ○ No, lived outside the city/town limits

15a. Does this person speak a language other than English at home?

- ○ Yes
- ○ No — *Skip to 16*

b. What is this language?

(For example: Chinese, Italian, Spanish, Vietnamese)

c. How well does this person speak English?

- ○ Very well
- ○ Well
- ○ Not well
- ○ Not at all

16. When was this person born?

- ○ Born before April 1, 1975 — *Go to 17a*
- ○ Born April 1, 1975 or later — *Go to questions for the next person*

17a. Has this person ever been on active-duty military service in the Armed Forces of the United States or ever been in the United States military Reserves or the National Guard? If service was in Reserves or National Guard only, see instruction guide.

- ○ Yes, now on active duty
- ○ Yes, on active duty in past, but not now
- ○ Yes, service in Reserves or National Guard only — *Skip to 18*
- ○ No — *Skip to 18*

b. Was active-duty military service during — Fill a circle for each period in which this person served.

- ○ September 1980 or later
- ○ May 1975 to August 1980
- ○ Vietnam era (August 1964—April 1975)
- ○ February 1955—July 1964
- ○ Korean conflict (June 1950—January 1955)
- ○ World War II (September 1940—July 1947)
- ○ World War I (April 1917—November 1918)
- ○ Any other time

c. In total, how many years of active-duty military service has this person had?

Years

18. Does this person have a physical, mental, or other health condition that has lasted for 6 or more months and which —

a. Limits the kind or amount of work this person can do at a job?

- ○ Yes
- ○ No

b. Prevents this person from working at a job?

- ○ Yes
- ○ No

19. Because of a health condition that has lasted for 6 or more months, does this person have any difficulty —

a. Going outside the home alone, for example, to shop or visit a doctor's office?

- ○ Yes
- ○ No

b. Taking care of his or her own personal needs, such as bathing, dressing, or getting around inside the home?

- ○ Yes
- ○ No

If this person is a female —

20. How many babies has she ever had, not counting stillbirths? Do not count her stepchildren or children she has adopted.

None 1 2 3 4 5 6 7 8 9 10 11 12 or more

○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

21a. Did this person work at any time LAST WEEK?

- ○ Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)
- ○ No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work. — *Skip to 25*

b. How many hours did this person work LAST WEEK (at all jobs)? Subtract any time off; add overtime or extra hours worked.

Hours

22. At what location did this person work LAST WEEK?

If this person worked at more than one location, print where he or she worked most last week.

a. Address (Number and street)

(If the exact address is not known, give a description of the location such as the building name or the nearest street or intersection.)

b. Name of city, town, or post office

c. Is the work location inside the limits of that city or town?

- ○ Yes
- ○ No, outside the city/town limits

d. County

e. State

f. ZIP Code

FOR PERSON 1 ON PAGE 2

23a. How did this person usually get to work LAST WEEK? If this person usually used more than one method of transportation during the trip, fill the circle of the one used for most of the distance.

- ○ Car, truck, or van
- ○ Bus or trolley bus
- ○ Streetcar or trolley car
- ○ Subway or elevated
- ○ Railroad
- ○ Ferryboat
- ○ Taxicab
- ○ Motorcycle
- ○ Bicycle
- ○ Walked
- ○ Worked at home — *Skip to 28*
- ○ Other method

If "car, truck, or van" is marked in 23a, go to 23b. Otherwise, skip to 24a.

b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?

- ○ Drove alone
- ○ 2 people
- ○ 3 people
- ○ 4 people
- ○ 5 people
- ○ 6 people
- ○ 7 to 9 people
- ○ 10 or more people

24a. What time did this person usually leave home to go to work LAST WEEK?

- ○ a.m.
- ○ p.m.

b. How many minutes did it usually take this person to get from home to work LAST WEEK?

Minutes — *Skip to 28*

25. Was this person TEMPORARILY absent or on layoff from a job or business LAST WEEK?

- ○ Yes, on layoff
- ○ Yes, on vacation, temporary illness, labor dispute, etc.
- ○ No

26a. Has this person been looking for work during the last 4 weeks?

- ○ Yes
- ○ No — *Skip to 27*

b. Could this person have taken a job LAST WEEK if one had been offered?

- ○ No, already has a job
- ○ No, temporarily ill
- ○ No, other reasons (in school, etc.)
- ○ Yes, could have taken a job

27. When did this person last work, even for a few days?

- ○ 1990
- ○ 1989
- ○ 1988
- ○ 1985 to 1987

Go to 28

- ○ 1980 to 1984
- ○ 1979 or earlier
- ○ Never worked

Skip to 32

28-30. CURRENT OR MOST RECENT JOB ACTIVITY. Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for his/her last job or business since 1985.

28. Industry or Employer

a. For whom did this person work? If now on active duty in the Armed Forces, fill this circle → ○ and print the branch of the Armed Forces.

(Name of company, business, or other employer)

b. What kind of business or industry was this? Describe the activity at location where employed.

(For example: hospital, newspaper publishing, mail order house, auto engine manufacturing, retail bakery)

c. Is this mainly — Fill ONE circle

- ○ Manufacturing
- ○ Wholesale trade
- ○ Retail trade
- ○ Other (agriculture, construction, service, government, etc.)

29. Occupation

a. What kind of work was this person doing?

(For example: registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, cake icer)

b. What were this person's most important activities or duties?

(For example: patient care, directing hiring policies, supervising order clerks, assembling engines, icing cakes)

30. Was this person — Fill ONE circle

- ○ Employee of a PRIVATE FOR PROFIT company or business or of an individual, for wages, salary, or commissions
- ○ Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization
- ○ Local GOVERNMENT employee (city, county, etc.)
- ○ State GOVERNMENT employee
- ○ Federal GOVERNMENT employee
- ○ SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm
- ○ SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm
- ○ Working WITHOUT PAY in family business or farm

31a. Last year (1989), did this person work, even for a few days, at a paid job or in a business or farm?

- ○ Yes
- ○ No — *Skip to 32*

b. How many weeks did this person work in 1989? Count paid vacation, paid sick leave, and military service.

Weeks

c. During the weeks WORKED in 1989, how many hours did this person usually work each week?

Hours

32. INCOME IN 1989 —

Fill the "Yes" circle below for each income source received during 1989. Otherwise, fill the "No" circle. If "Yes," enter the total amount received during 1989.

For income received jointly, see instruction guide. If exact amount is not known, please give best estimate.

If net income was a loss, write "Loss" above the dollar amount.

a. Wages, salary, commissions, bonuses, or tips from all jobs — Report amount before deductions for taxes, bonds, dues, or other items.

○ Yes → $ .00 Annual amount — Dollars
○ No

b. Self-employment income from own nonfarm business, including proprietorship and partnership — Report NET income after business expenses.

○ Yes → $ .00 Annual amount — Dollars
○ No

c. Farm self-employment income — Report NET income after operating expenses. Include earnings as a tenant farmer or sharecropper.

○ Yes → $ .00 Annual amount — Dollars
○ No

d. Interest, dividends, net rental income or royalty income, or income from estates and trusts — Report even small amounts credited to an account.

○ Yes → $ .00 Annual amount — Dollars
○ No

e. Social Security or Railroad Retirement

○ Yes → $ .00 Annual amount — Dollars
○ No

f. Supplemental Security Income (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments.

○ Yes → $ .00 Annual amount — Dollars
○ No

g. Retirement, survivor, or disability pensions — Do NOT include Social Security.

○ Yes → $ .00 Annual amount — Dollars
○ No

h. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.

○ Yes → $ .00 Annual amount — Dollars
○ No

33. What was this person's total income in 1989? Add entries in questions 32a through 32h; subtract any losses. If total amount was a loss, write "Loss" above amount.

○ None OR $ .00 Annual amount — Dollars

Please turn the page and answer questions for Person 2 listed on page 1. If this is the last person listed in question 1a on page 1, go to the back of the form.

APPENDIX F.
Data Products and User Assistance

CONTENTS

Data Products ---- F–1
Geographic Products ---- F–3
Other Census Bureau Resources ---- F–5
Reference Materials ---- F–4
Sources of Assistance ---- F–4

The 1990 census data products, being released during 1991-93, are available in a variety of new and traditional media. The Census Bureau has increased the product options available to data users in an effort to meet a variety of requirements and maximize the usefulness of the data. For example, laser discs, called CD-ROM (compact disc—read-only memory), are a new data delivery medium.

The Census Bureau also has expanded services and sources of assistance available to data users. For example, the State Data Center Program has been expanded to include over 1,400 organizations to provide data and services to the public.

This appendix provides a detailed introduction to the 1990 census data products and related materials, such as maps and reference publications. It concludes by describing sources of assistance and other Census Bureau data available to the public.

DATA PRODUCTS

Printed reports and computer tape files traditionally are the most widely used products. The Census Bureau also offers data on microfiche, on CD-ROM laser discs, and through its online service, CENDATA™. These various products are described below. For information about prices and how to order, write or call Customer Services. (See the ''Sources of Assistance'' section for the address and phone number.)

The data products present statistics about the subjects covered in the 1990 census questionnaires. These subjects are listed in figure 1, page F–7. As the figure shows, there are 100-percent subjects (those covered in questions asked of everyone or about every housing unit) and sample subjects (those covered in questions asked at about one out of every six housing units). Generally, a data product presents either 100-percent data prepared by tabulating the responses to the 100-percent questions from all questionnaires, or sample data prepared by tabulating only the responses to the 100-percent and sample questions from the ''long-form'' questionnaires. Two report series, 1990 CPH-3 and 1990 CPH-4 (see figure 2, page F–8), present both 100-percent and sample data.

Printed Reports

Printed reports are the most convenient and readily available source of data for most census users. The Census Bureau releases the reports in several series (see figure 2) that are grouped under three broad titles: *1990 Census of Population and Housing* (1990 CPH), *1990 Census of Population* (1990 CP), and *1990 Census of Housing* (1990 CH). There also are reports, not reflected in figure 2, for the outlying areas of the Pacific. The reports are sold by the Superintendent of Documents, U.S. Government Printing Office. (See the ''Sources of Assistance'' section for the address and phone number.)

In several series, there are separate reports for each State. The geographic coverage of the State reports is listed in figure 2. The United States summaries for these report series contain, for the most part, data for the United States, regions, divisions, States, metropolitan areas (MA's), urbanized areas (UA's), counties, American Indian and Alaska Native areas, places with 10,000 or more persons, and other large substate areas (for example, county subdivisions, such as towns and townships, with 10,000 or more persons in selected States).

Report series that present data for small areas, such as census tracts, contain limited subject-matter detail (for example, counts of people by age ranges—under 5 years, 5 to 9 years, etc.—rather than by single years). Report series that include greater amounts of subject-matter detail include less geographic detail.

Computer Tape Files

The Census Bureau provides more data on tape and other machine-readable products than in printed reports. These products are sold by the Census Bureau's Customer Services. There are several general types of data files released on computer tape (available on both reels and cartridges). They are introduced below, and more information is presented in figures 3 and 4, pages F–11 through F–13.

Public Law 94-171 Data—This data file presents the counts designed and formatted for use in legislative redistricting. These counts also are available on CD-ROM and paper listings. Excerpts are available on CENDATA™. The counts, for areas as small as blocks, census tracts, and voting districts, include totals for population, race groups, persons of Hispanic origin, population 18 years and over, and housing units. (See figure 4.)

Summary Tape Files (STF's)— These computer tape files provide statistics with greater subject-matter detail than printed reports. They also present statistics for some types of areas, such as block groups and blocks, that are not included in the reports. (See figure 3.)

Here are some important features of STF's:

- Each STF presents a particular set of data tables for specific types of geographic areas.
- Each STF has three or more file types (indicated by a letter suffix attached to the STF number) that differ in the geographic levels reported, but contain the same data detail.
- STF's 1 and 2 contain 100-percent data, and STF's 3 and 4 offer sample data.
- STF's 1 and 3 report on smaller areas and offer less data detail than STF's 2 and 4.
- STF's 1 through 4 offer greater data detail than the 1980 STF's 1 through 4.

Subject Summary Tape Files (SSTF's)—These files are the source of the subject reports and provide greater subject-matter detail than the STF's. They present data for the United States, regions, and divisions, and, in some cases, also for States, counties, and large cities. (See figure 4.)

Public Use Microdata Sample (PUMS) Files—These computer tape files (see figure 4) contain data from samples of long-form housing-unit records (''microdata'') for large geographic areas. Each sample housing-unit record includes essentially all the 1990 census data collected about each person in a sample household and the characteristics of the housing unit. Information that could be used to identify an individual or a housing unit is not included in the file.

Microdata files enable users to prepare customized tabulations and cross-tabulations of most items on the census questionnaire. There are two standard PUMS files:

- A file presenting a 5-percent sample of housing units in which each household record includes codes to let the user know in what area, such as a group of counties, a single county, or a place, the household is located. Each area identified must have a population of at least 100,000 and boundaries that do not cross State lines.
- A file presenting a 1-percent sample of housing units. Its household records include codes associating them with MA's and other large areas, the boundaries of which may cross State lines. (For the 1980 census, there were two files with 1-percent samples. The 1-percent sample showing data for selected urbanized areas and other large areas will not be produced for the 1990 census.)

There also is a special 3-percent ''elderly'' file with the same geography as the 5-percent sample. Included are households with at least one person age 60 or more and all members of those households.

Other Special Computer Tape Files—Other files include the Census/ Equal Employment Opportunity (EEO) File and the County-to-County Migration File. (See figure 4.) The Census Bureau may prepare additional special files.

Microfiche

All printed reports are offered on microfiche from Customer Services soon after they are published. Plans to prepare microfiche versions of selected other products were canceled, so that more products could be produced on CD-ROM.

Compact Disc—Read-Only Memory (CD-ROM)

For the 1990 census, the Public Law (P.L.) 94-171 file; an extract of STF 1B that presents selected statistics for blocks; and STF's 1A, 1C, 3A, 3B, and 3C are also available on CD-ROM. (One 4 3/ 4-inch CD-ROM, a type of optical or laser disc, can hold the contents of approximately 1,600 flexible diskettes, or three or four high-density computer tapes.)

Online Information Systems

The Census Bureau began CENDATA™, its online information service, in 1984. CENDATA™ is accessible through two information vendors, CompuServe and DIALOG. A number of Census Bureau reports, in whole or in part, are offered online. For the 1990 census, CENDATA™ provides up-to-date information about the availability of data products and carries selections of State, county, MA, and place data from the P.L. 94-171 tape file and STF's 1 and 3.

Custom Data Products

These products are for users who require unique tabulations that are not included in standard products; for example, information for locally defined geographic areas. Users also can order special microdata files.

The cost of preparing custom products must be paid by the users who request them. Any data that the Census Bureau provides in these products are subject to the same standards applied to other data to ensure that confidential individual information is not revealed.

User-Defined Areas Program (UDAP) Tabulations— UDAP can provide a set of predefined data tables for locally defined areas that do not correspond to standard 1990 census geographic areas. Users identify the geographic areas of interest to them by delineating boundaries around groupings of census blocks on 1990 census County Block Maps or by electronically submitting the geographic components of their area of interest. (A contact for more information is given in the ''Sources of Assistance'' section.)

Special Tabulations—The Census Bureau can prepare special data tabulations for any specific geographic or subject-matter area. Users should rely on standard reports, tapes, microfiche, or user-defined area tabulations whenever possible, since special tabulations tend to be substantially more expensive and take time to arrange and produce. (Contacts for more information are given in the ''Sources of Assistance'' section.)

GEOGRAPHIC PRODUCTS

Maps

Census Bureau maps are necessary for virtually all uses of small-area 1990 census data. They are needed to locate the specific geographic areas for which the census provides data and to study the spatial relationship of the data for analytic purposes. The Census Bureau prepares a variety of 1990 census maps. Among the most useful are these four series:

County Block Maps—These maps show census blocks and their numbers; boundaries for statistical and governmental entities, such as census tracts and places; and physical features. The P.L. 94-171 version of these maps also shows voting district boundaries in those States that furnished them. The maps are prepared on electrostatic plotters by county (or equivalent entity) with one or more map sheets each, depending on the size and shape of the area and the density of the block pattern. An average county requires 20 map sheets. The maps may be purchased from Customer Services.

County Subdivision Outline Maps—Maps in this State-based series present the boundaries of the counties, county subdivisions, places, American Indian and Alaska Native areas (including off-reservation trust lands), tribal designated statistical areas, and tribal jurisdiction statistical areas. Electrostatic-plotter copies are available for purchase from Customer Services. Also, they appear on multiple page-size sheets in the State reports of these series: 1990 CPH-1, 1990 CPH-2, 1990 CPH-5, 1990 CP-1, 1990 CP-2, 1990 CH-1, and 1990 CH-2.

Census Tract/ Block Numbering Area (BNA) Outline Maps—Maps in this county-based series depict census tract or BNA boundaries and numbers, and the features underlying the boundaries. They also show governmental units in relation to the census tracts/ BNA's. The Superintendent of Documents sells printed copies.

Voting District Outline Maps—Maps in this county-based series depict voting district boundaries (for those counties for which States furnished boundary information) and the features underlying the boundaries. They also show governmental unit boundaries in relation to the voting districts. They are prepared on electrostatic plotters and sold by Customer Services.

Geographic Publications

The *Geographic Identification Code Scheme* report in the 1990 CPH-R series shows the 1990 census geographic area codes and Federal information processing standards (FIPS) codes, as appropriate, for States, metropolitan areas, counties, county subdivisions, places, American Indian and Alaska Native areas, and other entities, along with some descriptive information about the codes. The code scheme also is offered on computer tape.

Machine-Readable Geographic Files

All 1990 census summary tape files include 1990 census geographic area codes, FIPS codes, certain area names, land and inland water area in square kilometers, geographic coordinates for an internal point for each entity, and other geographic information.

The Census Bureau developed an automated geographic data base, known as the TIGER (Topologically Integrated Geographic Encoding and Referencing) System, to produce the geographic products for the 1990 census. TIGER provides coordinate-based digital map information for the entire United States, Puerto Rico, the U.S. Virgin Islands, and the Pacific territories over which the United States has jurisdiction.

The TIGER System has significantly improved the utility of 1990 census maps and geographic reference products. Extract files generated from the TIGER System permit users, with appropriate software, to perform such tasks as linking the statistical data in the P.L. 94-171 file or the STF's and displaying selected characteristics on maps or a video display screen at different scales and with whatever boundaries they select for any geographic area of the country. For example, a map for a particular county could show the distribution of the voting age population by city block.

The first extract of selected geographic and cartographic information intended for computer applications, such as plotting maps and building geographic information systems, is called the TIGER/ Line™ files. TIGER/ Line™ files contain attributes for the segments of each boundary and feature (for example, roads, railroads, and rivers), including 1990 census geographic codes for adjacent areas, latitude/ longitude coordinates of segment end points and the curvature of segments, the name and type of the feature, and the relevant census feature class code identifying the feature segment by category. TIGER/ Line™ files also furnish address ranges and associated ZIP Codes for each side of street segments in major urban areas; provide the names of landmarks, such as lakes and golf courses; and include other information.

TIGER/ Line™ files and other TIGER System extracts, such as TIGER/ Boundary™ and TIGER/ DataBase™, are released on computer tape and, in some cases, CD-ROM. For information on TIGER extract files, contact Customer Services.

REFERENCE MATERIALS

The Census Bureau issues several reference publications for data users. Some are sold by the Superintendent of Documents; others are distributed free by Customer Services. Addresses and phone numbers for the Superintendent of Documents and Customer Services are given in the following section.

- *1990 Census of Population and Housing, Guide.* This guide, in the 1990 CPH-R report series, provides detailed information about all aspects of the census and a comprehensive glossary of census terms. Sold by the Superintendent of Documents, U.S. Government Printing Office.
- *1990 Census of Population and Housing Tabulation and Publication Program.* A free report describing 1990 census products, comparing 1990 products with those of 1980, and more. Request from Customer Services.
- *Census '90 Basics.* A free booklet covering how the 1990 census data were collected and processed, the full range of data products, the maps and geographic files, and more, but with less detail than the Guide (above). Request from Customer Services.
- *Census ABC's—Applications in Business and Community.* A free booklet that highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Request from Customer Services.
- *Strength in Numbers.* A free, tabloid-size booklet designed to assist people in using 1990 census data in redistricting. Among other features, it includes illustrations of maps and Public Law 94-171 counts. Request from Customer Services.
- *TIGER: The Coast-to-Coast Digital Map Data Base.* A free booklet describing the structure and uses of the Census Bureau's TIGER System. Request from Customer Services.
- *Census and You.* The Census Bureau's monthly newsletter for data users. It reports on the latest 1990 census developments, selected new publications and computer tape files, other censuses and surveys, developments in services to users, and upcoming conferences and training courses. Subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office.
- *Monthly Product Announcement.* A free monthly listing of all new Census Bureau publications; microfiche; maps; data files on tape, diskettes, or CD-ROM; and technical documentation. To subscribe, contact Customer Services.
- *Census Catalog and Guide.* A comprehensive annual description of data products, statistical programs, and services of the Census Bureau. It provides abstracts of the publications, data files, microfiche, maps, and items online. In addition, the Catalog/ Guide offers such features as information about censuses and surveys and telephone contact lists of data specialists at the Census Bureau, the State Data Centers, and other data processing service centers. It is sold by the Superintendent of Documents, U.S. Government Printing Office.

Users also can get listings of new Census Bureau products, updated daily, by subscribing to the *Daily List.* This information and selected statistics are available online through CENDATA™, the Census Bureau's online information service. For more information, contact Customer Services.

SOURCES OF ASSISTANCE

U.S. Bureau of the Census

The Census Bureau's Customer Services sells most of the machine-readable data products, microfiche, and maps described earlier. (The 1990 census printed reports are sold by the Superintendent of Documents, as noted below.) Also, users may consult with specialists at the Census Bureau's Washington headquarters and its 12 regional offices. From time to time, the specialists also conduct workshops, seminars, and training courses.

Washington, DC, Contacts—To order products, for a telephone contacts list of Census Bureau specialists, and for general information: Customer Services, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4100 (fax number, 301-763-4794).

For User-Defined Areas Program (UDAP) information: UDAP Staff, Decennial Planning Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4282.

For special tabulation information: Population—Rosemarie Cowan, Population Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-5476; Housing—William Downs, Housing and Household Economic Statistics, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-8553.

Regional Office Contacts—

Atlanta, GA	404-347-2274
Boston, MA	617-565-7078
Charlotte, NC	704-344-6144
Chicago, IL	312-353-0980
Dallas, TX	214-767-7105
Denver, CO	303-969-7750
Detroit, MI	313-259-0056
Kansas City, KS	913-236-3711
Los Angeles, CA	818-904-6339
New York, NY	212-264-4730
Philadelphia, PA	215-597-8313
Seattle, WA	206-728-5314

Superintendent of Documents, U.S. Government Printing Office

The Superintendent of Documents handles the sale of most of the Federal Government's publications, including 1990 census reports. To order reports and for information: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, telephone 202-783-3238.

Other Sources of Products and Services

State Data Centers—The Census Bureau furnishes data products, training in data access and use, technical assistance, and consultation to all States, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. State Data Centers, in turn, offer publications for reference, printouts from computer tape, specially prepared reports, maps, and other products and assistance to data users. For a list of the State Data Centers, see the *Census Catalog and Guide* or contact Customer Services. The list also notes organizations in States participating in the Census Bureau's Business/ Industry Data Center (BIDC) Program. The BIDC's help business people, economic development planners, and other data users obtain and use data.

Census Information Center (CIC)—The CIC program provides data-related services for nationally based nonprofit organizations that represent minorities or other segments of the population who have been historically undercounted in decennial censuses. The participants include social service, business, professional, civil rights, educational, and religious groups. Through the project, five nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the Census Bureau. To learn more about the program, write to the Census Information Center Branch, Data User Services Division, Bureau of the Census, Washington, DC 20233, or call 301-763-1384.

National Clearinghouse—The National Clearinghouse for Census Data Services is a listing of private companies and other organizations that offer assistance in obtaining and using data released by the Census Bureau. For a list of participants in the National Clearinghouse, see the *Census Catalog and Guide* or contact Customer Services.

Depository Libraries—There are 1,400 libraries that receive (from the Government Printing Office) Federal publications that they think their patrons will need. Often some of these publications are Census Bureau reports. The Census Bureau provides free reports to an additional 120 census depository libraries. Also, many libraries purchase census reports and maps for their areas. The *Census Catalog and Guide* includes a list of all depository libraries.

OTHER CENSUS BUREAU RESOURCES

The Census Bureau has more to offer than just the results of the census of population and housing. Through other censuses, surveys, and estimates programs, it compiles and issues (in reports, computer tape, and other media) data on subjects as diverse as appliance sales, neighborhood conditions, and exports to other countries. Here are examples of the information published about—

- *People:* Age, race, sex, income, poverty, child care, child support, fertility, noncash benefits, education, commuting habits, pension coverage, unemployment, ancestry.
- *Business and industry:* Number of employees, total payroll, sales and receipts, products manufactured or sold.
- *Housing and construction:* Value of new construction, numbers of owners and renters, property value or rent paid, housing starts, fuels used, mortgage costs.
- *Farms:* Number, acreage, livestock, crop sales.
- *Governments:* Revenues and expenditures, taxes, employment, pension funds.
- *Foreign trade:* Exports and imports, origin and destination, units shipped.
- *Other nations:* Population, birth rates, death rates, literacy, fertility.

The other censuses, such as agriculture, retail trade, manufactures, and governments, are collected for years ending in ''2'' and ''7.'' Surveys and estimates programs generate results as often as every month.

Many of the monthly ''economic indicators'' that measure how the Nation is doing come directly or indirectly from the Census Bureau. Examples: employment and unemployment; housing starts; wholesale and retail trade; manufacturers' shipments, inventories, and orders; export and import trade; and sales of single-family homes.

The other statistical activities of the Census Bureau are described below. Data users will find more information about them and descriptions of their data products in the annual *Census Catalog and Guide.* Also, special guides and brochures are prepared for most of them. Contact the Census Bureau's Customer Services for more information.

Current Demographic and Housing Programs

Two types of current programs complement the 10-year census: population estimates and surveys. The total population of the United States is estimated monthly; the population of States, counties, and metropolitan areas is estimated annually; and the population of places and other governmental units is estimated every 2 years. Projections of future population are made at the national and State levels.

The Census Bureau's many household surveys update population and housing characteristics at the national level and sometimes for States and metropolitan areas, as well. These surveys also obtain many characteristics not included in the 10-year census. The Current Population Survey is taken monthly; the American Housing Survey national

sample is taken biennially; the American Housing Survey metropolitan sample is taken in 44 areas, 11 per year in a 4-year cycle; most other surveys are annual or less frequent.

Economic Censuses and Surveys

The economic censuses provide statistics about business establishments once every 5 years, covering years ending in ''2'' and ''7.'' The 1987 Economic Censuses include the censuses of retail trade, wholesale trade, service industries, transportation, manufactures, mineral industries, and construction industries. Also included are related programs, such as statistics on minority- and women-owned businesses, enterprise statistics, and censuses of economic activity in Puerto Rico and some of the outlying areas under U.S. jurisdiction.

Several key statistics are tabulated for all industries covered in the censuses. They are number of establishments, number of employees, payroll, and measure of output (sales or receipts, and value of shipments or of work done). Other items vary from sector to sector.

The Census Bureau also has programs that provide current statistics on such measures as total sales of particular kinds of businesses or production of particular products. These programs include monthly, quarterly, and annual surveys, the results of which appear in publication series such as *Current Business Reports* and *Current Industrial Reports.* The County Business Patterns program offers annual statistics based on data compiled primarily from administrative records.

Agriculture Census and Surveys

The agriculture census is conducted concurrently with the economic censuses. It is the only source of uniform agriculture data at the county level. It provides data on such subjects as the number and size of farms; land use and ownership; livestock, poultry, and crops; and value of products sold.

Results of three surveys—the 1988 Farm and Ranch Irrigation Survey, 1988 Census of Horticulture Specialties, and 1988 Agricultural Economics and Land Ownership Survey—are published in conjunction with the 1987 Census of Agriculture. Also, the Census Bureau regularly issues reports from a survey on cotton ginnings.

Governments Census and Surveys

The census of governments, also for years ending in ''2'' and ''7,'' covers all types of governments: Federal, State, county, municipal (place), township (county subdivision), school district, and special district. It provides data on such subjects as number of public employees, payrolls, revenue, and expenditures.

Annual and quarterly surveys cover the same principal subjects but generate data only for States and the largest local governments.

Foreign Trade Statistics

Monthly U.S. merchandise trade data compiled by the Census Bureau summarize export and import transactions and are based on the official documents filed by shippers and receivers. These figures reflect the flow of merchandise but not intangibles like services and financial commitments. The trade figures trace commodity movements out of and into the U.S. Customs jurisdiction, which includes Puerto Rico and the U.S. Virgin Islands as well as the 50 States and the District of Columbia. Data are published separately on trade between the United States and Puerto Rico, the U.S. Virgin Islands, and other U.S. possessions.

Other Statistical Activities

The Census Bureau also offers international data. It maintains an international data base which is available to the public on computer tape and is used to produce the biennial *World Population Profile* report. It prepares studies dealing with the demographic and economic characteristics of other countries and world regions.

Statistical compendia are another important data product. These publications (sometimes also offered in machine-readable form) draw data from many sources and reorganize them for convenient use. The most widely used compendia are the annual *Statistical Abstract of the United States,* the *County and City Data Book* (published every 5 years), and the *State and Metropolitan Area Data Book* (published approximately every 4 years).

Figure 1. **1990 Census Content**

100-PERCENT COMPONENT

Population	Housing
Household relationship	Number of units in structure
Sex	Number of rooms in unit
Race	Tenure—owned or rented
Age	Value of home or monthly rent
Marital status	Congregate housing (meals included in rent)
Hispanic origin	Vacancy characteristics

SAMPLE COMPONENT

Population	Housing
Social characteristics:	Year moved into residence
Education—enrollment and attainment	Number of bedrooms
Place of birth, citizenship, and year of entry into U.S.	Plumbing and kitchen facilities
Ancestry	Telephone in unit
Language spoken at home	Vehicles available
Migration (residence in 1985)	Heating fuel
Disability	Source of water and method of sewage disposal
Fertility	Year structure built
Veteran status	Condominium status
	Farm residence
Economic characteristics:	Shelter costs, including utilities
Labor force	
Occupation, industry, and class of worker	
Place of work and journey to work	
Work experience in 1989	
Income in 1989	
Year last worked	

NOTE: Questions dealing with the subjects covered in the 100-percent component were asked of all persons and housing units. Those covered by the sample component were asked of a sample of the population and housing units.

Figure 2. **1990 Census Printed Reports**

Series	Title	Report(s) issued for	Description	Geographic areas
		1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)		
		100-Percent Data		
1990 CPH-1	**Summary Population and Housing Characteristics**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Population and housing unit counts, and summary statistics on age, sex, race, Hispanic origin, household relationship, units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
1990 CPH-2	**Population and Housing Unit Counts**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Total population and housing unit counts for 1990 and previous censuses	States, counties, county subdivisions, places, State component parts of metropolitan areas (MA's) and urbanized areas (UA's), and summary geographic areas (for example, urban and rural)
		100-Percent and Sample Data		
1990 CPH-3	**Population and Housing Characteristics for Census Tracts and Block Numbering Areas**	MA's, and the nonmetropolitan balance of each State, Puerto Rico, and U.S. Virgin Islands	Statistics on 100-percent and sample population and housing subjects	In MA's: census tracts/ block numbering areas (BNA's), places of 10,000 or more inhabitants, and counties. In the remainder of each State: census tracts/ BNA's, places of 10,000 or more, and counties
1990 CPH-4	**Population and Housing Characteristics for Congressional Districts of the 103rd Congress**	States and DC	Statistics on 100-percent and sample population and housing subjects	Congressional districts (CD's) and, within CD's, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, and American Indian and Alaska Native areas
		Sample Data		
1990 CPH-5	**Summary Social, Economic, and Housing Characteristics**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample population and housing subjects	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
		1990 CENSUS OF POPULATION (1990 CP)		
		100-Percent Data		
1990 CP-1	**General Population Characteristics**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural

Figure 2. **1990 Census Printed Reports**—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
		1990 CENSUS OF POPULATION (1990 CP)—Con.		
		100-Percent Data—Con.		
1990 CP-1-1A	**General Population Characteristics for American Indian and Alaska Native Areas**	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, off-reservation trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CP-1-1B	**General Population Characteristics for Metropolitan Areas**	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CP-1-1C	**General Population Characteristics for Urbanized Areas**	U.S.	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA
		Sample Data		
1990 CP-2	**Social and Economic Characteristics**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample population subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and the State portion of American Indian areas
1990 CP-2-1A	**Social and Economic Characteristics for American Indian and Alaska Native Areas**	U.S.	Statistics generally on sample population subjects	American Indian and Alaska Native areas, as for CP-1-1A
1990 CP-2-1B	**Social and Economic Characteristics for Metropolitan Areas**	U.S.	Statistics generally on sample population subjects	Individual MA's, as for CP-1-1B
1990 CP-2-1C	**Social and Economic Characteristics for Urbanized Areas**	U.S.	Statistics generally on sample population subjects	Individual UA's, as for CP-1-1C
1990 CP-3	**Population Subject Reports**	Selected subjects	Reports on population census subjects such as migration, education, income, the older population, and racial and ethnic groups	Generally limited to the U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places

Figure 2. **1990 Census Printed Reports**—Con.

Series	Title	Report(s) issued for	Description	Geographic areas
		1990 CENSUS OF HOUSING (1990 CH)		
		100-Percent Data		
1990 CH-1	**General Housing Characteristics**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural
1990 CH-1-1A	**General Housing Characteristics for American Indian and Alaska Native Areas**	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CH-1-1B	**General Housing Characteristics for Metropolitan Areas**	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CH-1-1C	**General Housing Characteristics for Urbanized Areas**	U.S.	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA
		Sample Data		
1990 CH-2	**Detailed Housing Characteristics**	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands	Statistics generally on sample housing subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and State parts of American Indian areas
1990 CH-2-1A	**Detailed Housing Characteristics for American Indian and Alaska Native Areas**	U.S.	Statistics generally on sample housing subjects	American Indian and Alaska Native areas, as in 1990 CH-1-1A
1990 CH-2-1B	**Detailed Housing Characteristics for Metropolitan Areas**	U.S.	Statistics generally on sample housing subjects	Individual MA's, as in 1990 CH-1-1B
1990 CH-2-1C	**Detailed Housing Characteristics for Urbanized Areas**	U.S.	Statistics generally on sample housing subjects	Individual UA's, as in 1990 CH-1-1C
1990 CH-3	**Housing Subject Reports**	Selected subjects	Reports on housing census subjects such as structural and utilization characteristics in metropolitan areas	Generally limited to U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places

Figure 3. **1990 Census Summary Tape Files**

Summary Tape File (STF 1A, 1B, etc.) and data type (100 percent or sample)[1]		Geographic areas	Description
	A[2]	States, counties, county subdivisions, places, census tracts/ block numbering areas (BNA's), block groups (BG's). Also Alaska Native areas and State parts of American Indian areas	
	B[2]	States, counties, county subdivisions, places, census tracts/ BNA's, BG's, blocks. Also Alaska Native areas and State parts of American Indian areas	
STF 1 (100 percent)	C[2]	U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, metropolitan areas (MA's), urbanized areas (UA's), American Indian and Alaska Native areas	Over 900 cells/ items of 100-percent population and housing counts and characteristics for each geographic area
	D	Congressional districts (CD's) of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, Alaska Native areas, and American Indian areas	
	A	In MA's: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's	
STF 2 (100 percent)	B	States (including summaries such as urban and rural), counties, places of 1,000 or more inhabitants, county subdivisions, State parts of American Indian areas, and Alaska Native areas	Over 2,100 cells/ items of 100-percent population and housing counts and characteristics for each geographic area. Each of the STF 2 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin
	C	U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's	
	A[2]	States, counties, county subdivisions, places, census tracts/ BNA's, BG's. Also Alaska Native areas and State parts of American Indian areas	
	B[2]	Five-digit ZIP Codes within each State	
STF 3 (Sample)	C[2]	U.S., regions, divisions, States, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, American Indian and Alaska Native areas, MA's, UA's	Over 3,300 cells/ items of sample population and housing characteristics for each geographic area
	D	CD's of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States	

Figure 3. **1990 Census Summary Tape Files**—Con.

Summary Tape File (STF 1A, 1B, etc.) and data type (100 percent or sample)[1]		Geographic areas	Description
	A	In MA's: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/ BNA's	
STF 4 (Sample)	B	State (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, all county subdivisions in New England MA's, State parts of American Indian areas, and Alaska Native areas	Over 8,500 cells/ items of sample population and housing characteristics for each geographic area. Each of the STF 4 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin.
	C	U.S., regions, divisions, States (including urban and rural and metropolitan and nonmetropolitan components), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's	

Note: STF 420 Place of Work 20 Destinations File. This is a new file for 1990. Comparable data were included as part of STF 4 in 1980, but for 1990 this is a separate file and must be ordered and purchased separately from STF 4. The file contains 20 place of work destinations for each county or county equivalent, minor civil division, place of 10,000 or more persons, and census tract or block numbering area. Data are also provided for each major race and for workers of Hispanic origin cross-classified by race. The geographic level of the destinations varies. A destination may be a place, county, balance of county, metropolitan area, or balance of metropolitan area.

[1]Similar STF's will be prepared for Puerto Rico and the U.S. Virgin Islands.
[2]Also available on laser disc (CD-ROM). STF 1B CD-ROM presents only part of the data for blocks and other areas in the tape file.

Figure 4. **Other 1990 Census Data Products**

Title	Description	Geographic areas
Subject Summary Tape Files	Various computer tape files used to produce the subject reports (1990 CP-3 and 1990 CH-3 series).	U.S., regions, divisions, States, metropolitan areas (MA's), and large counties and places
Public Law 94-171 Data File (redistricting data)	Counts by total, race, and Hispanic origin for the total population and population 18 years old and over, and counts of housing units. Available on tape, CD-ROM, and paper listings	States, counties, county subdivisions, places, census tracts/ block numbering areas (BNA's), block groups (BG's), and blocks; voting districts where States have identified them for the Census Bureau; and American Indian and Alaska Native areas
Census/ Equal Employment Opportunity (EEO) Special File	Sample tabulations showing detailed occupations and educational attainment data by age; cross tabulated by sex, Hispanic origin, and race	Counties, MA's, places of 50,000 or more inhabitants
County-to-County Migration File	Summary statistics for all intra-state county-to-county migration streams and significant interstate county-to-county migration streams. Each record will include codes for the geographic area of destination, and selected characteristics of the persons who made up the migration stream	States, counties
Public Use Microdata Sample (PUMS) Files	Machine-readable files containing a sample of individual long-form census records showing most population and housing characteristics but with identifying information removed	
5 Percent—PUMS Areas		County groups, counties, county subdivisions, and places with 100,000 or more inhabitants
1 Percent—Metropolitan Areas (1990)		MA's and other large areas with 100,000 or more inhabitants
3 Percent—Elderly	As above, but includes only households with at least one person age 60 or more	Same as for 5-percent sample
User-Defined Areas Tabulations	A set of standard tabulations provided on printouts, tapes, or other products with maps and narrative (if requested)	User-defined areas created by aggregating census blocks
Special Tabulations	User-defined tabulations for specified geographic areas provided on printouts, tapes, or other products	User-defined areas or standard areas

Maps are not available.