

CENSUS



CURRENT POPULATION REPORTS

Population Estimates and Projections

Series P-25, No. 1063

by
Edwin Byerly

State and Local Agencies Preparing Population and Housing Estimates

U.S. Department of Commerce
BUREAU OF THE CENSUS

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Issued September 1990

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**State and Local
Agencies Preparing
Population and
Housing Estimates**



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William P. Butz, Associate Director for
Demographic Programs
Roger A. Herriot, Senior Demographic and
Housing Analyst

POPULATION DIVISION
Paula J. Schneider, Chief

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State and Local Agencies Preparing Population and Housing Estimates

This report presents the results of a mail survey of 1,049 State and local public agencies conducted from June to December 1989. The voluntary survey was intended to inventory official State and local governmental and other public agencies making estimates of population and/or housing units. Agencies such as chambers of commerce, universities, and selected utility companies, were included; private organizations were not. While the survey attempted to cover as many agencies as possible, this list may not be exhaustive. The focus of the survey was on recent population and housing estimates derived using various estimating techniques. Projections of future levels of population and housing were not within the scope of this survey.

PURPOSE OF THE SURVEY

The primary purpose of the survey was to identify those public agencies which are actively involved in population and housing estimates work. This publication is meant to serve as a resource directory for users and potential users of population and housing estimates at the State, regional, county, metropolitan, and city level. Table 1 lists the names and addresses of agencies who responded to the survey and who indicated involvement in estimates activities.¹ The survey cover letter informed respondents this information would be published. The Bureau of the Census publishes population estimates for States, counties, and 36,000 incorporated places and minor civil divisions however, locally prepared estimates, particularly at small levels of geography, may offer detail unavailable in Federal estimates.

A second purpose of the survey was to collect population and housing estimates by census tract as a resource in the Bureau of the Census' review of the 1990 census counts. The Bureau of the Census at this time has no active estimates program of its own at the census tract level.

BACKGROUND

This is the seventh in a series of surveys attempting to inventory the availability of estimates from State and local government sources. Previous surveys were taken

in 1955, 1957-58, 1960, 1965, 1969, and 1975-76. The 1965 and 1975-76 surveys included projections. This is the first to include housing unit estimates.

Two related events during this period have affected changes in the estimates field—the creation of the Federal-State Cooperative Program for Population Estimates (FSCPE) in the late 1960's, and the expansion of the Bureau of the Census' estimates program by the mid-1970's to include population estimates for incorporated places and active minor civil divisions (MCD's). The FSCPE was originally designed as a cooperative agreement between a designated State agency and the Bureau of the Census to develop annual population estimates for counties. FSCPE members now also work with the Bureau of the Census to gather input data and to review Bureau estimates for States and subcounty and other sub-State areas. See appendix A for a list of addresses of FSCPE participants. All States, the District of Columbia, Puerto Rico, and Guam participate in this program.

In addition, many of these agencies develop independent county estimates or disaggregate the estimates to subcounty levels for their programmatic purposes. For several States, these independently prepared county or subcounty estimates are averaged with estimates developed by the Bureau of the Census to develop a "best" publication series. Others use Bureau of the Census population estimates as starting points for expanded demographic and geographic detail. According to table 1, FSCPE agencies in 27 States, the District of Columbia, and Puerto Rico produce some level of population or housing estimates independent of the FSCPE program. There are also several non-FSCPE State level agencies that produce State and sub-State estimates, although this number is smaller than it was prior to the creation of the FSCPE.

Federal and State activities in the field of estimates have had the effect of modifying the estimates programs of many sub-State agencies. Some have curtailed their coverage or shifted emphasis to smaller levels of geography such as census tracts. Often, they work within the framework of county or city estimates prepared by the State agency and/or Bureau of the Census. With State and Federal estimates in place, some sub-State agencies no longer have a need to produce estimates of their own. Other sub-State agencies have modified their estimates role to that of advisor to the State agency.

¹Although many agencies use estimates, this report is intended to identify only those agencies that actually produce estimates.

The mailing list for the current survey was derived initially by asking each FSCPE member to update the list from the 1975-76 survey of agencies making population estimates for their State. Address corrections were made, new agencies were identified and added, and nonfunctioning agencies were removed. The lists covered agencies at all levels of geography within the State.

Agencies contacted in the survey were asked to provide referrals for any other agencies making population or housing unit estimates for their areas. The Bureau of the Census also screened all cities of 100,000 or over not already covered by some reporting agency, to ascertain if any estimates were prepared for their jurisdiction.

DETAILS OF THE SURVEY QUESTIONNAIRE

Appendix B contains a copy of the survey form and cover letter.

Question 1 of the survey questionnaire asked each agency the basic background information of name, address, and telephone number of agency, and name and title of contact person.

Questions 2 and 3 dealt with type and level of estimates. In question 2 the respondent was asked to list the names of counties and/or cities covered in their estimates program. For those who had no estimates program, there was a checkbox labeled none, with instructions to skip to the last question (number 9). If the response to question 2 was positive, question 3 asked the person to list the demographic and geographic/geopolitical detail they produced. The possible types of estimates characteristics were: total population, age, sex, race, number of housing units, number of households, and other. On the geographic side the possibilities were: County, city, township, census tract, and other geographic areas.

Questions 4 through 7 were background questions about the estimates. Question 4 asked how often estimates were prepared. The choices were annually, irregularly, or a specified other interval. Part b of this question asked the date of the most recent estimates. Question 5 asked for the name and a copy of any publications containing their estimates. It also asked, if the estimates were not published, whether they are available to the public. A brief description of the methodology was requested in question 6. Question 7 asked if the accuracy of the estimates had been tested and if they could provide a writeup of the test.

Question 8 asked about what data were available for making census tract estimates. The last question (9) was for referrals. The respondent was asked to list (on the back of the form) the names and addresses of other agencies in their jurisdiction who might produce estimates.

MAILOUT AND RESPONSE

In mid-June 1989, the Bureau of the Census mailed out 926 survey forms. Between July and December 1989, an additional 123 forms were sent out, based on referrals, for a total of 1,049 forms. Office of Management and Budget approval for the survey expired on December 31, 1989, so no survey forms were mailed after that date.

The final tabulation of returned forms was 898 (table A and table 2). Survey forms started coming in a week after the first mailing. Fifty percent of the 898 returned forms were received within 30 days of the first mailing. In late August, a followup letter (with another form enclosed) was sent to 426 nonresponding agencies. About 270 of the returned forms (30 percent) resulted from the followup mailing. By January 1990, the 898 returned forms resulted in a final response rate of nearly 86 percent.

Response rates across geographic levels of agencies were fairly uniform. State, regional, metropolitan, county, and city level agencies had response rates between 83 and 87 percent. The response rate for the 5 agencies labeled "Other" level of geography was 20 percent.

Of the 898 agencies responding, 284 or 32 percent gave positive responses, indicating some type of estimates activity.² City level agencies made up over half (57 percent) of the total number of agencies contacted and accounted for 43 percent (121) of the 284 agencies making estimates (table B). County level agencies were the next largest group in the survey universe, constituting 18 percent of those contacted, and 27 percent of those (78) making estimates. Regional agencies represented the third largest group (13 percent) contacted, but only 11 percent (30) of the agencies reported making estimates. State level agencies constituted 8 percent of the total agencies contacted, with 12 percent

²It is assumed that agencies that made estimates were more likely to return their survey form than agencies that did not make estimates.

Table A. Number and Percent of Responding Agencies Making Estimates, by Geographic Level of Agency

Geographic level of agency	Number of agencies responding	Agencies making estimates	
		Number	Percent
All levels	898	284	31.6
City	517	121	23.4
County	161	78	48.4
Metropolitan	30	21	70.0
Regional	113	30	26.5
State	76	34	44.7
Other	1	-	-

Source: Table 2.
- Represents zero.

Table B. Number and Percent of Contacts and Responses, by Geographic Level of Agency

Geographic level of agency	Agencies contacted		Agencies responding and making estimates	
	Number	Percent	Number	Percent
All levels	1,049	100.0	284	100.0
City	598	57.0	121	42.6
County	187	17.8	78	27.5
Metropolitan	36	3.4	21	7.4
Regional	135	12.9	30	10.6
State	88	8.4	34	12.0
Other	5	0.5	-	-

Source: Table 2.
- Represents zero.

(34) giving positive responses. Metropolitan level agencies constituted 3 percent of the survey universe and 7 percent (21) of those indicated estimates activity. Only 1 of the 5 "other" level agencies returned their form, and this agency made no estimates.

Although the response rate across geographic levels of agencies was uniform, the percent of responding agencies which made estimates (positive responses) was not (table A). Seventy percent of the metropolitan level agencies responding made estimates. County and State level agencies had positive response rates similar to each other at 48 and 45 percent respectively. Regional and city level positive response rates were also close at 27 and 23 percent.

As shown in table C, planning agencies made up the bulk of both agencies contacted (86 percent), and of positive responses (85 percent). Councils of Governments represented a distant second, being 5 percent of the agencies contacted and 5 percent of responding agencies making estimates. All other types of agencies were under 5 percent in both categories.

The survey found total population and total number of housing units to be the predominant levels of detail available within all levels of geography (table D). City level estimates recorded the highest occurrence of each, 199 for population and 163 for housing units. Number of households was the third most available level of detail for each level of geography, with city level again having the most occurrences of this category. The demographic characteristics of age, race, and sex were about equally available within a given geographic level. Here, county level offered the most age, race, and sex estimates.

Table 3 shows that almost three-fourths (72 percent) of the 284 agencies making population or housing unit estimates are located in the West (104 agencies) and South (101 agencies). This is not a surprising finding, since nearly 90 percent of the population growth in the United States since 1980 has occurred in these two regions.

California, leads the Nation in number of agencies making estimates (62), and this State contains 21.8

percent of the Nation's 284 agencies listed as making estimates. Texas was the State with the second highest number of estimates producing agencies (23), or 8.1 percent of the national number.

The Northeast had a particularly small share of estimating agencies, with only 28 (10 percent). The Midwest's share was somewhat larger, with 50 agencies (18 percent). Ohio had the largest number of estimates producing agencies (11) outside the South and West.

All States, the District of Columbia, and Puerto Rico had at least one agency making estimates (independent of the FSCPE program) except for Delaware, Iowa, Montana, North Dakota, Rhode Island, and West Virginia.³ In Oregon, Puerto Rico, Vermont, Wyoming, and the District of Columbia, the FSCPE is the only agency reported to be making independent estimates.

METHODS USED IN MAKING ESTIMATES

As stated earlier, table 1 shows the name and address of each agency which gave a positive response to the survey. It also shows the area names and geographic levels of the estimates produced, the level of detail, and the methodology used. The paragraphs below discuss each method used by the agencies responding to the survey. Methods discussed include the housing unit method, component method, ratio-correlation method, composite method, vital rates method, and miscellaneous other methods. A given agency may use one or more of the methods for any geographic level. Only the methods reported in the survey are discussed.

Housing Unit Method

The housing unit method is the most widely used estimating procedure in the United States today. About 89 percent of the agencies listed in table 1 use this

³Twenty-seven of the FSCPE agencies reported making independent estimates.

Table C. Number and Percent of Contacts and Responses, by Type of Agency

Type of agency	Agencies contacted		Agencies responding and making estimates	
	Number	Percent	Number	Percent
All types	1,049	100.0	284	100.0
Planning	897	85.5	240	84.5
Health	19	1.8	5	1.8
Management & budget	11	1.0	6	2.1
University	37	3.5	10	3.5
Council of governments	48	4.6	14	4.9
Chamber of commerce	8	0.8	2	0.7
Other	29	2.8	7	2.5

Source: Table 2.

Table D. Number of Agencies Making Estimates, by Type of Estimate and Geographic Level

Geographic level	Type of estimate ¹						
	Total population	Age	Race	Sex	Housing units	Occupied housing units (households)	Other characteristics
County.....	145	36	24	32	109	68	16
City.....	192	32	24	28	165	82	16
Township.....	42	8	3	7	28	17	2
Census tract.....	100	14	16	13	99	48	13
Other areas.....	76	13	10	11	64	35	9

Source: Table 1.

¹Categories are not mutually exclusive.

method either alone or in conjunction with other methods. Table E confirms the housing unit technique as the most prevalent way of estimating population across all geographic levels of agencies.

The basic premise of the housing unit method is that changes in the number of occupied housing units reflect changes in the population. The first step in this method is to derive a current inventory, or estimate, of housing units. Some agencies, especially in small urban areas, are actually able to count the dwelling structures in the field (windshield survey). Other agencies use residential building and demolition permits to update the housing stock figures from the last Federal decennial census. Certificates of occupancy, or utility connections may also be used in conjunction with the last census to approximate the current housing level. Some agencies stop at this point and do not turn their housing unit estimates into population estimates. About 5 percent of the agencies in table 1 estimate housing units only.

The next step is to remove vacant units from the housing unit figure by applying a vacancy rate, (not normally needed if utility data are used) to obtain an estimate of the number of households (or occupied housing units). Thirty-six percent of the agencies in

table 1 produce household estimates. Finally, an estimate of population per household (PPH) is applied to the number of households to produce an estimate of population.

Component Methods

Component methods are those in which the components of population change since the last census (births, deaths, and net migration) are estimated separately. About 10 percent of the agencies in table 1 employ one or more versions of this method. State level agencies make the most use of these methods (table E).

Component methods typically use reported vital statistics (although birth and death rates can also be used) for the birth and death components. In its simplest form, the component method is called the Natural Increase Method. It assumes the net migration level since the last census is zero. In another variation the simple component method assumes net migration will continue at the same volume or rate as in the past.

In more complex versions of the component method, symptomatic data are used to track net migration (the net effect of migrants moving into an area minus

Table E. Methods Used in Making Estimates, by Level of Agency

Method	All levels	Agency level				
		State	Regional	Metro	County	City
All methods used.....	336	63	35	27	89	122
Component.....	29	16	1	2	6	4
Component Method II.....	5	3	-	-	1	1
Other component methods.....	20	10	1	2	4	3
Administrative records.....	4	3	-	-	1	-
Regression/ratio correlation.....	17	12	1	1	-	3
Housing unit.....	234	15	27	19	71	102
Vital rates.....	3	1	1	1	-	-
Cohort component.....	8	4	2	1	1	-
Composite.....	5	3	-	-	-	2
Survey.....	3	-	-	-	2	1
Proration.....	1	1	-	-	-	-
Other.....	36	11	3	3	9	10
Number of agencies.....	284	34	30	21	78	121

Source: Table 1.

- Represents zero.

migrants leaving the area). Several series of administrative data can be used for this purpose, for example, school enrollment data, social security data, or income tax data. Data for this component should be readily available and internally consistent. The data should also be sensitive to population changes, and it should match as closely as possible the population being estimated.

The most widely used complex component procedure is Component Method II, in use by the Bureau of the Census since the 1950's.⁴ Component Method II uses births, deaths, and elementary school enrollment to estimate the migration component. First school-age (ages 6.50 to 14.49) migration is derived from the difference between the school-age population developed from elementary school enrollment, and the school-age population expected by surviving the school-age cohort from the last census. Next the amount of school-age migration is converted to a school-age migration rate and finally, the school-age rate is converted to migration rate for total (or other age) population by deriving adjustment factors based on the migration patterns implied from the last census. The final migration rate is applied to an appropriate migration base to obtain the migration component.

Another version of component procedure used by the Bureau of the Census and by some agencies is the Administrative Records Method. This method uses births, deaths, internal migration, and immigration from abroad. Deriving the internal migration component involves processing data for about 90 million individual tax return records each year provided to the Bureau of the Census from the Internal Revenue Service. The migration component for the Administrative Records method is developed by comparing the addresses on two years of tax returns and deriving a migration rate (based on exemptions) when the addresses are not the same. The migration rates are applied to a population base to estimate migration. State-to-State, and within-State income tax flows can also be used to develop migration rates. To produce an Administrative Records method an agency must obtain tax data from the Internal Revenue Service that has been supplied and processed by the Bureau of the Census. Only summary tax data are released, individual tax records are kept confidential by law.

Ratio-Correlation Method

The Ratio-Correlation method uses a multiple regression equation to express the relationship between (1) change over time in an area's share of indicator (independent) variables, and (2) the change in an area's share of the population (dependent variable). Some of

the independent variables currently used by the Bureau of the Census are school enrollment, housing units, Federal income tax returns and exemptions, births, and deaths. Other possibilities include utility data, labor force data, drivers licenses, etc.

The underlying assumption of the Ratio-Correlation method is that past relationships between the independent and dependent variables will persist into the current estimating period. This method was used by about 5 percent of agencies in the survey. State level agencies are the biggest users of this technique.

Vital Rates Methods

The Vital Rates method is actually a type of Censal Ratio Method. The basic principle of this method is to apply the census year ratio of symptomatic data to population for a given area to a current value of that symptomatic data to estimate the area's population. The Vital Rates method uses births and deaths as the symptomatic data. First, births and deaths are converted to rates, the rates are then adjusted to the estimate date by changes in these rates for some broader area which can be measured over time. Next the rates are divided into the number of births and deaths on the estimate date to yield two population estimates. The two estimates are usually averaged. One percent of the agencies reported using this method.

Composite Methods

In the Composite method, estimates for various age groups or age-sex groups are prepared and then summed to derive a total for all ages. This allows component, regression, and other methods to be combined in a way that maximizes the potential of each. About 2 percent of the agencies listed this method.

Other Methods

The Proration Method was used by one agency in the survey. This method involves using the latest census distribution of population of subareas within a larger area, to estimate current population for the subareas. A simple example would assume the 1980 census population distribution of counties within a state remains constant during the 1980's, so that the 1980 proportions could be applied to current State population totals to get current county estimates.

The Cohort Component procedure is usually considered a projections technique. Agencies reporting this technique were counted as making estimates only if (1) they used actual vital statistics and migration data as opposed to projecting these data and (2) if the resulting population figures were for a date not in the future. About 3 percent of the agencies in table 1 utilized this method.

⁴A description of the Bureau of the Census's methodology for Component Method II and Administrative Records method may be found in Current Population Reports, Series P-25, Nos. 460 and 957, respectively.

The cohort component approach is similar to the component procedure in that population is developed using the components of births, deaths, and migration. The component procedure operates with total population, while the cohort component procedure works with ages groups, usually 5-year ages, over 5-year periods. Sometimes agencies use the cohort component method in conjunction with population totals derived by other methods to obtain demographic detail such as age, race, and sex.

About 13 percent of the agencies making estimates used various "other" procedures in their work. These were often combinations of proportions or ratios applied to symptomatic data or to other population estimates. One agency used a telephone survey to update population characteristics in their estimates.

ACCURACY OF METHODS

All agencies need to be concerned with the accuracy of their estimates. Evaluations of estimates advise both producers and users of estimates of the strengths and weaknesses of the estimates methodology. Evaluations allow estimates producers to correct weaknesses in existing methods, and devise new methods and combinations of methods.

The traditional procedure used to measure accuracy has been to compare the estimates to a census count. For example, for areas within a state such as counties, one may want to look at the absolute mean deviation from the census. Large deviations or upward or downward biases in the deviations are also important to consider. On the basis of their analysis, agencies must decide if their method or methods are accurate enough to meet their program needs, or whether further adjustments or alternative methods need to be considered.

The Bureau of the Census evaluates its estimates after each decennial census. The results of the test of 1980 State estimates may be found in Current Population Reports, Series P-25, Nos. 1010, 957, and 933. County level evaluations are described in Series P-25, No. 984, and subcounty estimates in Series P-25, No. 963.

About 26 percent of the agencies answered yes to question 7 on the survey form, indicating that they tested their estimates. No attempt to review these tests was made by the Bureau of the Census.

RELATED DATA AND REPORTS

Results of earlier surveys of agencies making estimates are published in Current Population Reports, Series P-25, No. 723 (1975-76), No. 454 (1969), No. 328 (1965), No. 244 (1960), No. 178 (1957-58), and No. 116 (1955).

The Bureau of the Census' current population estimates for States, counties, metropolitan areas, and incorporated places are published regularly (usually annually or biennially) in Current Population Reports, Series P-25 and P-26. In addition to data from the decennial censuses, special censuses are taken by the Bureau for selected areas periodically each decade at the request and expense of the requesting area. These appear in Series P-28 reports. The Bureau of the Census currently does not publish housing unit estimates below the national level except for limited coverage in the American Housing Survey.

A computer diskette of the information in table 1 of this report may be ordered from:

Chief
Population Division
Bureau of the Census
Washington, DC 20233
or by calling (301) 763-5072.

A fee will be charged for this product. Agencies should be contacted directly to obtain estimates, although not all agencies may be willing to release their estimates to the public.

For those interested in reading more about the estimates area, appendix C of this report contains a bibliography of suggested readings on estimating methodologies.

Table 1. State and Local Agencies Making Population Estimates

(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
ALABAMA				
Birmingham Regional Planning Commission 2112 11th Avenue South, Suite 220 Birmingham, AL 35256-4799	Jefferson/Shelby Co.	Co CT	Total/HH Total/HH	HU HU
Huntsville City Planning Department P.O. Box 308 Huntsville, AL 35816	Madison Co. Huntsville	Co Cy	Total/HU/HH Total/HU/HH	HU HU
Mobile City Planning Commission 111 S. Royal Street Mobile, AL 36602	Mobile	Cy Other	Total/HU Total/HU	HU HU
City of Montgomery Planning, Programming & Transportation Div. P.O. Box 1111 103 North Perry Street Montgomery, AL 36101-1111	Montgomery	CT Other	CT Total	HU HU
Northwest Alabama Council of Local Govt. P.O. Box 2603 Muscle Shoals, AL 35662	Five co. in Northwest AL	Co Cy	Total/Age/Sex Total/Age/Sex	CC CC
ALASKA				
Alaska Dept of Labor @ Research & Analysis P.O. Box 25501 Juneau, AK 99802-5501	Alaska	Co Cy Other	Age/Sex/Race/HH Total/HH Total/HH	CC/AR CC/AR CC/AR
Economic Development & Planning Dept. Municipality of Anchorage P.O. Box 196650 Anchorage, AK 99519-6650	Anchorage Municipality	Co Cy CT Other	Age/Sex/Race/HU/HH/Other Age/Sex/Race/HU/HH/Other Age/Sex/Race/HU/HH/Other Age/Sex/Race/HU/HH/Other	HU/Survey HU/Survey HU/Survey HU/Survey
Fairbanks North Star Borough Community Research Center P.O. Box 71267 809 Pioneer Road Fairbanks, AK 99707-1267	Fairbanks North Star Borough	Co Cy Other	Total Total Total	HU HU HU
ARIZONA				
Arizona Department of Economic Security @ Population Statistics Unit P.O. Box 6123-045Z Phoenix, AZ 85005	Arizona	Co Cy	Total/Age/HU/HH Total/Age/HU/HH	HU/Other HU/Other
Western Economic Analysis Center P.O. Box 637 Marana, AZ 85653	Arizona	Co Other	Total/HH Total/HH	Reg Reg
City of Glendale Planning & Zoning Dept. 5850 West Glendale Avenue Glendale, AZ 85301	Glendale	Cy CT Other	Total/HU Total/HU Total/HU	HU HU HU
Center for Business Research College of Business Arizona State University Tempe, AZ 85287-4406	Maricopa Co.	Co	Total	HU
Mesa Planning Dept. P.O. Box 1466 55 North Center Mesa, AZ 85211	Mesa	Cy	Total/HU	HU

Table 1. State and Local Agencies Making Population Estimates—Con.

(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Pima County Planning & Development Services 130 West Congress Tucson, AZ 85701	Pima Co.	Co	Total/HU/HH	HU
	Tucson	Cy	Total/HU/HH	HU
	Pima Co.	Tp	Total/HU/HH	HU
	Pima Co.	CT	Total/HU/HH	HU
SEAGO Southeastern Arizona Govts. Org. 118 Arizona Street Bisbee, AZ 85603	Fourteen cities in S.E. AZ	Cy	Total/HU/HH/Other	HU
City of Tempe - Community Development 115 East 5th Street Suite 2 Tempe, AZ 85281	Tempe	Cy	Total/HU	HU
Tucson City Planning Dept. P.O. Box 27210 Tucson, AZ 85726	Pima Co.	Co	Age/Sex/Race/HU/HH/Other	CM/Com/HU
	Tucson/So. Tucson	Cy	Total/HU/HH	CM/Com/HU
	Tucson/So. Tucson	Cy	Total/HU/HH	CM/Com/HU
ARKANSAS				
Metroplan Heritage West Building Suite 450 201 East Markham Little Rock, AR 72201	Pulaski/Saline/Faulkner/ Lonoke Co.	Co	Age/Sex/Race/HH	HU/Other
		Cy	Total/HU	HU
		CT	Total/HU	HU
CALIFORNIA				
Demographic Research Unit @ State Dept. of Finance 915 L Street Sacramento, CA 95814	California	Co	Total/HU/HH	HU/Reg/ AR/Com
		Cy	Total/HU/HH	HU/Reg/ AR/Com
City of Adelanto P.O. Box 10 11600 Airbase Road Adelanto, CA 92301	Adelanto	Cy	HU/Other	HU
Alameda County Planning Dept. 399 Elmhurst St. Hayward, CA 94544	Alameda Co.	Co	Total/HU/HH	HU
		Cy	Total/HU/HH	HU
		CT	Total/HU/HH	HU
		Other	Total/HU/HH	HU
Association of Bay Area Governments P.O. Box 2050 Oakland, CA 94604-2050	Alameda/Contra Costa/ Marin Co.	Co	Total/HH	Reg/HU
		Cy	Total/HH	Reg/HU
		CT	Total/HH	Reg/HU
City of Atascadero Community Dev. Dept. 6500 Palma Avenue Atascadero, CA 93422	Atascadero	Cy	Total/HU	HU
		Other	Total/HU	HU
City of Bakersfield Planning Department 1501 Truxtun Bakersfield, CA 93301	Kern Co. Bakersfield Bakersfield	Co	Total	HU
		Cy	Age/Sex/Race/HU	HU/Other
		CT	Total/HU	HU
City of Benicia Building Division 250 East L Street Benicia, CA 94510	Benicia	Cy	Total/HU/HH	HU
City of Buena Park Dev. Services Dept. 6650 Beach Blvd. Buena Park, CA 90620	Buena Park	Cy	Total/HU	HU
		CT	HU	HU
City of Burbank Planning 275 East Olive Avenue Burbank, CA 91502	Burbank	Cy	Total/HU/HH	HU

Table 1. State and Local Agencies Making Population Estimates—Con.

(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Calaveras County Planning Department 891 Mountain Ranch Rd. San Andreas, CA 95249	Calaveras Co.	Co Other	Total Total	HU HU
City of Camarillo 601 Carmen Drive Camarillo, CA 93010	Ventura Co. Camarillo	Co Cy	Total Total	HU HU
City of Carpinteria 5775 Carpinteria Avenue Carpinteria, CA 93013	Carpinteria	Cy	Total/HU/HH	HU
City of Chula Vista Planning 276 Fourth Avenue Chula Vista, CA 92010	Chula Vista	Cy CT Other	Total/HU/Other Total/HU/Other Total/HU/Other	HU HU HU
City of Concord 1950 Parkside Drive Concord, CA 94519	Concord	Cy	HU	HU
City of Coronado Community Dev. Dept. 1825 Strand Way Coronado, CA 92118	Coronado	Cy	Total/HU	HU
City of Dixon 600 East A Street Dixon, CA 95620	Dixon	Cy	HU	HU
City of Fresno Devel. Dept. 2326 Fresno Street Fresno, CA 93721	Fresno	Cy CT Other	Total Total/Race/HU Total/Race/HU	HU HU/Other HU/Other
City of Hayward 22300 Foothill Boulevard Hayward, CA 94541	Hayward	Cy CT	Total/HU Total/HU	HU HU
City of Hidden Hills 24549 Long Valley Road Hidden Hills, CA 91302	Hidden Hills	Cy	HU	HU
Imperial County Planning Department Courthouse 939 Main Street El Centro, CA 92243	Imperial Co.	CT	Total/Race/HU/HH	HU/Other
City of Indio Planning & Development 100 Civic Center Mall Indio, CA 92201	Indio	Cy	Total	HU
City of Irvine One Civic Center Plaza P.O. Box 19575 Irvine, CA 92713	Irvine	CT	HU	HU
Kern County Planning & Development 2700 "M" Street Suite 100 Bakersfield, CA 93301	Kern Co.	Co CT Other	Total/HU Total/HU Total/HU	HU HU HU
City of Lemoore, Community Dev. Dept. 119 Fox Street Lemoore, CA 93245	Lemoore	Cy	Total/HU/HH	Other
City of Livingston 1416 C Street Livingston, CA 95334	Livingston	Cy	Total/HU	HU
City of Lompoc 100 Civic Center Plaza Lompoc, CA 93438-0001	Lompoc	Cy	Total/HU	HU

Table 1. State and Local Agencies Making Population Estimates—Con.

(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
L. A. County Dept. of Regional Planning 320 W Temple St. Los Angeles, CA 90012	Los Angeles Co.	Co Cy CT Other	Total/HU/HH Total/HU/HH HU Total/HU/HH	HU HU HU HU
Los Angeles City Planning Dept. 200 N. Spring Street Room 255 Los Angeles, CA 90012-4801	Los Angeles	Cy CT Other	Total/HU Total Age/Sex/Race/HH	HU HU HU/Other
County of Mariposa Planning Dept. P.O. Box 2039 Mariposa, CA 95338	Mariposa Co.	Co Other	Total/HU Total/HU	HU HU
City of Milpitas 455 East Calaveras Boulevard Milpitas, CA 95035	Milpitas	CT Other	HU HU	HU HU
Modesto Dept. of Plan. & Comm. Devel. 801- 11th Street Modesto, CA 95354	Modesto	Cy	Total/HU	HU
City of Monterey Planning Department Monterey, CA 93940	Monterey	Cy Other	Total/HU Total/HU	HU HU
City of Mountain View 444 Castro Street Suite 230 Mountain View, CA 94041	Mountain View	Cy	Total/HU	HU
City of Newark 37101 Newark Boulevard Newark, CA 94560	Newark	Cy	Total/HU/HH	HU
Oakland City Planning Dept. #1 City Hall Plaza Oakland, CA 94612	Oakland	Cy CT	HU HU	HU HU
City of Ontario Planning Department 303 East B Street Ontario, CA 91764	Ontario	Cy	Total	HU
Orange Co. Admin. Office Forecast & Analysis Center 10 Civic Center Plaza Santa Ana, CA 92701	Orange Co.	Co Cy CT	Total/HU Total/HU Total/HU	HU HU HU
City of Pasadena Planning Department 100 North Garfield Avenue Room 311 Pasadena, CA 91109-7215	Pasadena	Cy CT	HU Total/HU	HU HU
City of Patterson P.O. Box 667 Patterson, CA 95363	Patterson	Cy	HU	HU
City of Perris 101 North D Street Perris, CA 92370	Perris	CT	Total/HU	HU
County of Placer DeWitt Center 11414 B Avenue Auburn, CA 95603	Placer Co.	CT	Total	HU
Town of Portola Valley 765 Portola Road Portola Valley, CA 94028	Portola Valley	Cy	HU	HU

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(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
City of Rancho Mirage 69825 Highway 111 Rancho Mirage, CA 92270	Rancho Mirage	Cy	Total/HU	HU
City of Redding General Services 760 Parkview Avenue Redding, CA 96001	Redding	Cy CT Other	Total/HU Total/HU Total/HU	HU HU HU
Riverside Co. Planning Dept. 4164 Brockton Avenue 2nd Floor Riverside, CA 92501	Riverside Co.	Co Cy CT Other	Total/HU Total/HU Total/HU Total/HU	HU HU HU HU
Riverside City Planning Dept. City Hall 3900 Main St. Riverside, CA 92522	Riverside	Cy	Total	HU
Sacramento Area Council of Governments 106 K Street Suite 200 Sacramento, CA 95814	Sacramento/Yolo/Sutter/Yuba/ Placer Co. Placer Co. (Pt.) Sacramento/Yolo/ Sutter/Yuba Co. Sacramento/Yolo/ Sutter/Yuba Co.	Co Cy CT Other	Total/HU Total/HU Total/HU Total/HU	HU HU HU HU
City of Salinas 200 Lincoln Avenue Salinas, CA 93901	Salinas	Cy CT	Total/HU/Other Total/HU/Other	HU HU
San Bernardino Co. Envir. Improvement Agency Planning Dept. 385 N. Arrowhead Avenue 3rd Floor San Bernardino, CA 92415-0182	San Bernardino Co.	Co CT	Total/HU/HH Total/HU/HH	HU HU
City of San Buenaventura 501 Poli Street Ventura, CA 93001	San Buenaventura	Cy	Total/HU/Other	HU
San Diego Association of Governments 1200 3rd Ave. #524 San Diego, CA 92101	San Diego Co.	Co Cy CT	HU/HH HU/HH HU/HH	HU HU HU
San Diego City Planning Dept. 1010 Second Avenue Suite 600 San Diego, CA 92101	San Diego	Cy CT Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
Santa Clara Co. Planning Dept. 70 West Hedding Street East Wing, 7th Floor San Jose, CA 95110	San Jose	Cy	Total/HU	HU
City of San Juan Capistrano Community Planning & Development 32400 Paseo Adelanto San Juan Capistrano, CA 92675	San Juan Capistrano	Cy	Total/HU	HU
Simi Valley Dept. of Environmental Services Planning Division 2929 Tapo Canyon Road Simi Valley, CA 93063	Simi Valley	Cy	Total/HU	HU
County of Sonoma 575 Administration Drive Room 105-A Santa Rosa, CA 95403	Sonoma Co.	Co Cy Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Stanislaus Area Assoc. of Govt. 1315 I Street Modesto, CA 95350	Modesto	Other	Total/HH	Other
Sutter County Planning Department P.O. Box 1555 Yuba City, CA 95992	Sutter Co.	Co Cy Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
City of Tehama P.O. Box 70 Tehama, CA 96090	Tehama	Cy	HU	HU
City of Vacaville 650 Merchant Street Vacaville, CA 95688	Vacaville	Cy	HU	HU
City of Visalia 707 West Acequia Visalia, CA 93291	Visalia	Cy	Total/HU	HU
City of West Sacramento Community Development Department 1951 South River Road P.O. Box 219 West Sacramento, CA 95691	West Sacramento	Cy	Age/Sex/Race/HU/HH	HU/Other
COLORADO				
Colorado Div. of Local Government @ Dept. of Local Affairs 520 Centennial Bldg 1313 Sherman St. Denver, CO 80203	Colorado	Co Cy Other	Age/Sex/HU/HH/Other Total/HU/HH/Other Total	Reg/HU/CC HU HU
City of Aurora Planning Department 1470 S. Havana Street Aurora, CO 80012	Aurora	Cy Other	Total/HU Total	HU HU
Boulder County Land Use P.O. Box 471 Boulder, CO 80306	Boulder Co.	Co Cy Other	Total/HU/HH Total Total/HU/HH	HU HU HU
Denver Regional Council of Govts. 2480 West 26th Avenue Suite 200 B Denver, CO 80211	Denver metro co. Denver Denver metro co. Denver metro co.	Co Cy CT Other	Age/Sex/HH Total/HH Total/HH Total/HH	HU/CM/CC HU/CM HU/CM HU/CM
Douglas County Planning 301 Wilcox Street Castle Rock, CO 80104	Douglas Co.	Co Cy	Total/HU Total/HU	HU HU
City of Pueblo Department of Planning & Development 211 East D Street Pueblo, CO 81003	Pueblo Co.	Co Cy CT	HU/HH Total/HU Total/HU	HU HU HU
City of Thornton Planning 9500 Civic Center Drive Thornton, CO 80229	Thornton	Cy	Total/HU/HH	HU
City of Westminster Community Development 4800 W. 92nd Avenue Westminster, CO 80030	Westminster	Cy	Total/HU	HU
CONNECTICUT				
Connecticut State Health Dept. @ Division of Health Surveillance & Planning 150 Washington Street Hartford, CT 06106	Connecticut	Cy Tp	Total Total	HU/CM HU/CM

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
DISTRICT OF COLUMBIA Data Services Division @ D.C. Office of Planning 415 Twelfth Street N.W., Room 570 Washington, DC 20004	D.C.	Cy CT	Age/Sex/Race Total/Race	CMI Com
FLORIDA				
Bureau of Economic & Business Research @ University of Florida Matherly Hall, Room 221 Gainesville, FL 32611	Florida	Co Cy	Age/Sex/Race/HH Total/HH	HU/CC HU
Brevard Co. Geographic Research Division 2575 North Courtenay Parkway Merritt Island, FL 32953	Brevard Co.	Co CT Other	Age/Sex/HU Total Total	Other Other Other
Brooksville Planning & Zoning 26 South Brooksville Avenue Brooksville, FL 34601	Brooksville	Cy	Total/HH	HU
Broward Co. Planning Council 115 S. Andrews Avenue Room 329 Ft. Lauderdale, FL 33301	Broward	CT	Total/HU	CC
Citrus County Planning Dept. 1300 South Lecanto Highway Lecanto, FL 32661	Citrus Co.	Co Cy Other	Total/HU Total Total	HU HU HU
Metropolitan Dade County Planning Dept. 111 N.W. 1st Street Suite 1220 Miami, FL 33128	Dade Co.	Co CT Other	Age/Race/HU/HH/Other Total Age/Race/HU/HH/Other	HU/AR HU HU/AR
East Central Florida Regional Planning Council 1011 Wymore Road Suite 105 Winter Park, FL 32789	Brevard/Lake/Volusia Co.	Co CT	Total/HU/Other Total/HU/Other	HU HU
City of Gainesville Planning Div. P.O. Box 490 Gainesville, FL 32602	Gainesville	Cy Other	Total/HU Total/HU	HU/CC HU
Hillsborough County City-County Plan. Comm. 201 E. Kennedy Boulevard Suite 600 Tampa, FL 33602	Hillsborough Co.	Co Cy CT	Total/HU/Other Total/HU/Other Total/HU/Other	HU HU HU
Indian River County Planning Department 1840 25th Street Vero Beach, FL 32960	Indian River Co.	Co Cy	Total/HU Total/HU	HU HU
Jacksonville Planning Department Suite 700 128 East Forsyth Street Jacksonville, FL 32202-3325	Duval Co.	Co Cy CT	Total/HU/HH/Other Total/HU/HH/Other Total/HU/HH/Other	HU HU HU
City of Lakeland Planning Department City Hall Lakeland, FL 33802	Lakeland	Cy	Total/HU	HU
Marion County Planning Department 2631-F S.E. 3rd Street Ocala, FL 32671	Marion Co.	Co CT	Total/HU/HH/Other Total/HU	HU HU
City of Miami Planning Department 275 N.W. 2nd Street Ocala, FL 32671	Miami	Cy	Total	HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Pinellas County Planning Department 440 Court Street Clearwater, FL 34616	Pinellas Co.	Co	Total/HU	HU
		Cy	Total/HU	HU
		Other	Total/HU	HU
Polk County Division of Development Coordination P.O. Box 1909 Bartow, FL 33830	Polk Co.	Co	Total	HU
		CT	Total	HU
		Other	Total	HU
Sarasota County Planning Department 2033 Wood Street Suite 200 Sarasota, FL 34237	Sarasota Co.	Co	Total	HU
City of Sarasota Planning Department P.O. Box 1058 Sarasota, FL 34230	Sarasota	Cy	Total	Reg
Board of County Commissioners St. Lucie County 2300 Virginia Avenue Ft. Pierce, FL 34982	St Lucie Co.	Co Cy	Total/HU Total/HU	HU HU
Tallahassee-Leon County Planning Department 300 South Adams Street City Hall Tallahassee, FL 32301	Leon Co.	Co	Age/Sex/Race/HU/HH	HU/Other
		Cy	Age/Sex/Race/HU/HH	HU/Other
		CT Other	Total Total	HU HU
GEORGIA				
Georgia Office of Planning and Budget @ State Data Center 270 Washington Street N. Atlanta, GA 30334	Georgia	Co	Total	CM
Atlanta Regional Commission 100 Edgewood Avenue, N.E. Suite 1801 Atlanta, GA 30335	Metro Atlanta co.	Co	Total/HU/HH	HU
		Cy	Total/HU/HH	HU
		CT	Total/HU/HH	HU
Augusta-Richmond County Planning Comm. 525 Telfair Street Augusta, GA 30911	Richmond Co.	Co	Total/HU	HU
		Cy	Total/HU	HU
		CT	Total/HU	HU
		Other	Total/HU	HU
Chatham County Metropolitan Plan. Comm. P.O. Box 1027 Savannah, GA 31402	Chatham Co.	Co	Age/Sex/Race/HU/HH	HU/Other
		Cy	Age/Sex/Race/HU/HH	HU/Other
		CT	Age/Sex/Race/HU/HH	HU/Other
		Other	Age/Sex/Race/HU/HH	HU/Other
Coosa Valley Regional Development Center P.O. Box 1793 Rome, GA 30163-1001	Seven Coosa Valley co.	Co	Total/HU	HU
		Cy	Total/HU	HU
HAWAII				
Hawaii State Dept. of Business & Econ. Dev. @ P.O. Box 2359 Honolulu, HI 96804	Hawaii	Co	HU	HU
		Other	Total	Other
City and County of Honolulu Department of General Planning 650 South King Street Honolulu, HI 96813	Honolulu Co.	CT	Total/HU	HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
IDAHO				
Ada Planning Association 413 West Idaho Boise, ID 83702	Ada Co.	Co Cy CT Other	Total/HU/HH Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU HU
ILLINOIS				
Illinois Department of Public Health @ Division of Health Information and Evaluation 535 West Jefferson Street Springfield, IL 62761	Illinois IL cities of 100,000+ Selected townships	Co Cy Tp	Age/Sex/Race Total Total	CM/VR CM/VR CM/VR
Northeastern Illinois Planning Commission 400 W. Madison Street Chicago, IL 60606	Northeast	Tp	Total	HU
City of Chicago Planning Department City Hall, Room 1000 121 North La Salle Street Chicago, IL 60602	Chicago	Cy CT	Total Total	HU HU
Du Page County Development Dept. 421 North County Farm Road Wheaton, IL 60187	Du Page Co.	Co Cy Tp	Total/HH Total/HH Total/HH	HU HU HU
Springfield-Sangamon Co. Reg. Planning Comm. 703 Myers Building Springfield, IL 62701	Sangamon Co.	Co CT Cy	Total/HU Total/HU Total/HU	HU HU HU
American Statistical Assoc.-St. Louis c/o RRDS-SIUE P.O. Box 1456 Edwardsville, IL 62026	Metro St. Louis	Cy	Total/HU/HH	HU
INDIANA				
Indiana Business Research Center @ Population Studies Division Ind. Univ. School of Business 801 W. Michigan St. Indianapolis, IN 46227	Indiana	Co	Age/Race/Sex	Reg
City of Lafayette Redevelopment Department 324 Ferry Street, Room 204 Lafayette, IN 47901	Lafayette	Cy	HU	HU
KANSAS				
City of Kansas City, Kansas Information and Research Department 701 N. 7th Street Kansas City, KS 66101	Wyandotte Co.	Co Cy CT	Total/HH Total/HH Total/HH	HU HU HU
Topeka-Shawnee County Metropolitan Plan. Comm. 820 Quincy Street Suite 320 Topeka, KS 66612	Shawnee Co.	Co Cy	Total/HU Total/HU	HU HU
Wichita-Sedgwick County Metropolitan Area Planning Commission 455 North Main Street Wichita, KS 67202	Sedgwick Co.	Co Cy	Total/HU/HH Total/HU/HH	HU/VR/Other HU/VR/Other
KENTUCKY				
Lexington-Fayette Urban County Government Division of Planning 200 E. Main Street Lexington, KY 40507	Fayette Co.	Co CT Other	Total/HU/HH Total/HU/HH Total/HU	HU HU HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Owensboro Metro Planning Commission P.O. Box 327 Owensboro, KY 42301	Daviess Co.	Co Cy CT	Total/HU Total/HU Total	HU HU HU
LOUISIANA				
College of Administration and Business @ Research Division Louisiana Tech University P.O. Box 10318 Ruston, LA 71270	Louisiana	Co Cy	Total Total	Reg/AR HU
City-Parish Planning Commission P.O. Box 1471 Baton Rouge, LA 70821	East Baton Rouge Parish Baton Rouge East Baton Rouge Parish	Co Cy CT	Total/HU Total/HU Total/HU	HU HU HU
City Planning Department City of Lake Charles P.O. Box 900 Lake Charles, LA 70602	Lake Charles	Cy	Age/Sex/Race/HU/HH	HU/Other
MAINE				
Office of Data Research and Vital Statistics @ State Department of Human Services Statehouse, Station 11 32 Winthrop Street Augusta, ME 04330	Maine	Co Cy Tp	Total/Age/HU Total/Age/HU Total/Age/HU	CM CM CM
Greater Portland Council of Governments 233 Oxford Street Portland, ME 04039	Cumberland Co.	Co Cy Tp	Age/Sex/HU/HH Age/Sex/HU/HH Age/Sex/HU/HH	CM/HU CM/HU CM/HU
South Maine Regional Planning Commission P.O. Box Q Sanford, ME 04073	Cumberland/Oxford/ York Co.	Co Tp	Total/HU Total/HU	HU HU
MARYLAND				
Office of Planning and Zoning Anne Arundel County Arundel Center Annapolis, MD 21404-1831	Anne Arundel Co.	Co Cy CT Other	Age/Sex/Race/HU/ HH/Other Total/Age/HU/HH/Other Total/Age/HU/HH/Other Total/Age/HU/HH/Other	HU/Other HU/Other HU/Other HU/Other
Baltimore County Office of Planning & Zoning 401 Bosley Avenue Baltimore, MD 21204	Baltimore Co.	Co CT Other	Total/HU Total/HU Total/HU	HU HU HU
City of Gaithersburg Planning Department 31 South Summit Avenue Gaithersburg, MD 20877	Gaithersburg	Cy	Total/HU	HU
Howard Co. Office of Planning and Zoning George Howard Bldg. 3430 Court House Drive. Ellicott City, MD 21043	Howard Co.	Co Other	Total/HU/HH Total/HU/HH	HU HU
City of Rockville 111 Maryland Avenue Rockville, MD 20850	Rockville	Cy Other	Total/HU/HH HU/HH	HU HU
MASSACHUSETTS				
Malden Planning Board 200 Pleasant Street Malden, MA 02148	Malden	Cy	Total	Other

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
MICHIGAN				
Office of Revenue & Tax Analysis @ Michigan Department of Management & Budget P.O. Box 30026 Lansing, MI 48909	Michigan	Co	Total	Reg
Macomb County Planning Commission Macomb County Engineering Building 115 S. Groesbeck Highway Mount Clemens, MI 48043	Macomb Co.	Co Cy Tp Other	Total/HH Total/HH Total/HH Total/HH	HU HU HU HU
Northwest Michigan Council of Governments P.O. Box 506 Traverse City, MI 49685-0506	Ten Northwest MI co.	Co Cy	Total/Age Total	Reg Reg
Region Two Planning Commission 120 West Michigan Avenue Jackson, MI 49201	Hillsdale/Jackson/ Lenawee Co.	Co Cy Tp Other	Total Total Total Total	HU HU HU HU
Saginaw County Metropolitan Plan. Comm. 111 S. Michigan Avenue Courthouse, Room 209 Saginaw, MI 48602	Saginaw Co.	Co Cy Tp Other	Total/HH Age/Sex/HH Age/Sex/HH Total/HH	HU HU/Other HU/Other HU
Southeast Michigan Council of Governments 660 Suite 1900, Plaza Drive Detroit, MI 48226	Seven co. in Detroit area	Co Cy Tp	Total/HH/Other Total/HH/Other Total/HH/Other	HU HU HU
MINNESOTA				
Minnesota State Planning Agency @ 300 Centennial Office Building 658 Cedar Street St. Paul, MN 55155	Minnesota	Co Cy Tp	Total/HH Total/HH Total/HH	Reg Reg Reg
Minneapolis Planning Department 210 City Hall Minneapolis, MN 55415	Minneapolis	CT	HU	HU
Metropolitan Council Mears Park Centre 230 E. Fifth Street St. Paul, MN 55101	Seven co. Minneapolis area	Co Cy Tp	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
St. Paul Dept. of Plan. & Economic Dev. 1100 City Hall Annex 25 West 4th Street St. Paul, MN 55102	St. Paul	Cy CT	Total/HU HU	HU HU
Wright County Planning & Zoning Courthouse Buffalo, MN 55313	Wright Co.	Co Cy Tp	Total Total Total	HU HU HU
MISSISSIPPI				
Central Mississippi Plan. & Devel. District 2675 River Ridge Rd. Jackson, MS 39216	Hinds/Madison/ Rankin Co.	Co Cy CT	Total/HU Total/HU Total/HU	HU HU HU
MISSOURI				
Missouri Division of Budget & Planning @ P.O. Box 809 Room 124 Capitol Jefferson City, MO 65102	Missouri St. Louis	Co Cy	Age/Sex Age/Sex	Other Other

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
City of Cape Girardeau 401 Independence City Hall Cape Girardeau, MO 63701	Cape Girardeau	Cy	Total/HU	HU
Independence Planning Department 111 East Maple P.O. Box 1019 Independence, MO 64050	Independence	Cy	Total/HU	HU
Kansas City Dev. Dept. City Hall 414 E. 12th Street Kansas City, MO 64106	Kansas City	Cy CT	Total/HU/HH Total/HU/HH	HU HU
MO-KAN Regional Council 1302 Faraon Street St. Joseph, MO 64501	N.W. MO & N.E. KS co.	Co Cy Tp CT	Age/Sex/Race/HU/HH Age/Sex/Race/HU/HH Age/Sex/Race/HU/HH Age/Sex/Race/HU/HH	CM/HU CM/HU CM/HU CM/HU
Springfield Dept. of Community Development 830 Boonville Avenue Springfield, MO 65801	Greene Co.	Co Cy CT	Total/HU Total/HU Total/HU	HU HU HU
East-West Gateway Coordinating Council 911 Washington Avenue St. Louis, MO 63101	St. Louis region	Co	Total	VR/HU/Other
St. Louis County Department of Planning 41 South Central Avenue St. Louis, MO 63105	St. Louis Co.	Co CT	Total/HU/HH Total/HU/HH	HU HU
NEBRASKA				
Lincoln City-Lancaster County Planning Dept. 555 South 10th Street Lincoln, NE 68508	Lancaster Co.	Co Cy	Total/HU Total/HU	Other Other
Omaha City Planning Department 1819 Farnam Street Omaha, NE 68104	Omaha	Cy CT	Total/Race/HU/HH Total/Race/HU/HH	HU/Reg/Other HU/Reg/Other
NEVADA				
Bureau of Business & Economic Research @ College of Business Admin. Univ. of Nevada-Reno Reno, NV 89557-0016	Nevada	Co Cy	Total Total	Reg HU/Other
Clark County Dept. of Comprehensive Planning 225 Bridger Avenue Las Vegas, NV 89155	Clark Co.	Co Cy Tp CT	HU/HH HU/HH HU/HH HU/HH	HU HU HU HU
Center for Business & Economic Research University of Nevada-Las Vegas 4505 Maryland Parkway Las Vegas, NV 89154	Clark Co.	Co	Total	Other
Las Vegas Dept. of Community Planning & Devel. City of Las Vegas 400 East Stewart Ave. Las Vegas, NV 89101	Las Vegas	Cy CT Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
Washoe County Dept. of Comprehensive Planning P.O. Box 11130 Reno, NV 89501	Washoe Co.	Co Cy	Total Total	HU HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
NEW HAMPSHIRE				
New Hampshire Office of State Planning @ 2 1/2 Beacon Street Concord, NH 03301	New Hampshire	Co Cy Tp	Total/HU Total/HU Total/HU	HU/Com/Other HU/Com/Other HU/Com/Other
Manchester Planning Board 814 Elm Street Manchester, NH 03101	Manchester	Cy	Total/HU/HH	HU
NEW JERSEY				
Div. of Labor Market & Demographic Research @ New Jersey Department of Labor CN 388, Room 200A John Fitch Way Plaza Trenton, NJ 08625-0388	New Jersey	Cy Tp	Total/HU/HH Total/HU/HH	HU HU
Atlantic County Division of Planning 133 Atlantic Avenue Atlantic City, NJ 08401	Atlantic Co.	Co Cy Tp	Total/HU Total/HU Total/HU	HU HU HU
Hunterdon County Planning Board One East Main Street Flemington, NJ 08822-1200	Hunterdon Co.	Co Cy Tp	Total/HU Total/HU Total/HU	HU HU HU
Monmouth County Planning Board Hall of Records Annex P.O. Box 1255 Freehold, NJ 07728-1255	Monmouth Co.	Co Cy Tp	Total/HU Total/HU Total/HU	HU HU HU
Ocean County Planning Board 119 Hooper Avenue CN 2191 Toms River, NJ 08754	Ocean Co.	Co Cy	Total/HU Total/HU	HU HU
Somerset County Planning Board 22 Anderson Street, Apt. 3 Raritan, NJ 08869	Somerset Co.	Co Cy Tp	Total/HU Total/HU Total/HU	HU HU HU
Sussex County Planning Department 57 High Street Newton, NJ 07860	Sussex Co.	Co Tp Other	Total/HU Total/HU Total/HU	HU HU HU
NEW MEXICO				
Clovis Chamber of Commerce P.O. Drawer C 215 Main Street Clovis, NM 88101	Curry Co.	Co Cy	Total Total	HU HU
Middle Rio Grande Council of Governments 317 Commercial N.E. Suite 300 Albuquerque, NM 87102	Bernalillo/Sandoval/ Torrance/Valencia Co.	Co CT Other	Total/HU/Other Total/HU/Other Total/HU/Other	HU HU HU
NEW YORK				
Capital District Regional Planning Com. 214 Canal Square Schenectady, NY 12305	Albany/Rensselaer/ Saratoga/Schenectady Co.	Co Cy Tp	Total Total Total	HU HU HU
Dutchess County Department of Planning 27 High Street Poughkeepsie, NY 12601	Dutchess Co.	Co Cy Tp	Total Total Total	HU HU HU
Long Island Lighting Company 175 East Old County Rd. Hicksville, NY 11801	Nassau/Suffolk/ Queens(pt.) Co.	Co Cy Tp	Total/HH Total/HH Total/HH/HU	HU HU HU

Table 1. State and Local Agencies Making Population Estimates—Con.

(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Capital and Community Planning Division New York City Department of City Planning 22 Reade Street - 6N New York, NY 10007-1216	New York City	Other	Total/Age	HU/Other
Syracuse-Onondaga Co. Planning Agency 1100 Civic Center 421 Montgomery Street Syracuse, NY 13202	Onondaga Co.	Tp CT	Total/HU/Other Total/HU/Other	HU HU
Rockland County Planning Dept. 18 New Hempstead Road New City, NY 10956	Rockland Co.	Co Tp	Total Total	HU HU
Westchester County Department of Planning 423 County Office Building 148 Martine Ave. White Plains, NY 10538	Westchester Co.	Co Cy Tp	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
Yonkers Planning Bureau Rm 311 87 Nepperhan Avenue Yonkers, NY 10701	Yonkers Co.	Cy CT	HU HU	HU HU
NORTH CAROLINA				
Research and Planning Services @ Office of State Budget and Management 116 West Jones Street Raleigh, NC 27603-8005	North Carolina	Cy	Total	CM/Other
Town of Cary Planning Department P.O. Box 1147 316 N. Academy Street Cary, NC 27512-1147	Cary	CT	Total	HU
Charlotte-Mecklenburg Planning Comm. 600 East Fourth Street Charlotte, NC 28202-2853	Mecklenburg Co.	Co CT Cy Other	Total/HU/HH Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU HU
Cumberland County Joint Planning Board P.O. Drawer 1829 Fayetteville, NC 28302	Cumberland Co.	Co CT Other	Total/HU Total/HU Total/HU	HU HU HU
Durham City-County Planning Division 101 City Mall Plaza Durham, NC 27702	Durham Co.	Co Cy Other	Total/HU Total/HU Total/HU	HU HU HU
Greensboro Planning & Comm. Devel. Dept. 300 West Washington Street Greensboro, NC 27402	Greensboro	Cy CT	Total/HU/HH/Other Total/HU/HH/Other	HU HU
City of High Point Planning & Devel. Dept. 211 S. Hamilton Street P.O. Box 230 High Point, NC 27261	High Point	Cy CT	Total/HU Total/HU	HU HU
City of Raleigh Planning Department City Planning Commission P.O. Box 590 Raleigh, NC 27602	Raleigh	Cy CT	Total/HU Total/HU	HU HU
City of Wilmington Plan. & Dev. Dept. P.O. Box 1810 Wilmington, NC 28402	Wilmington	Cy	Total	HU
City-County Planning Board P.O. Box 2511 City Hall, 100 Church Street Winston-Salem, NC 27102	Forsyth Co.	Co Cy CT	HU HU HU	HU HU HU

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(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
OHIO				
Ohio Data Users Center @ Ohio Department of Development P.O. Box 1001 Columbus, OH 43266-0101	Ohio	Co	Total	HU
		Cy	Total/HU	HU
		Tp	Total/HU	HU
Clermont County Planning Commission 76 S. Riverside Drive Batavia, OH 45103	Clermont Co.	Co	Total/HU	HU
		Cy	Total/HU	HU
		Tp	Total/HU	HU
		CT	Total/HU	HU
Cincinnati Planning Department 801 Plum Street R7-141 Cincinnati, OH 45202	Cincinnati	Cy	Total/HU	HU
		CT	Total/HU	HU
City of Columbus Division of Planning 99 N. Front Street 1st Floor Columbus, OH 43215-2838	Franklin Co.	CT	Total/HU	HU
Mid-Ohio Regional Planning Commission 285 E. Main Street Columbus, OH 43215	Mid OH cities Mid OH townships	Cy	Total	HU
		Tp	Total	HU
Community Development & Planning 20 High Street Hamilton, OH 45013	Hamilton	Cy	Total/HU/HH	HU
Hancock Regional Planning Commission 306 Municipal Building Findlay, OH 45840	Hancock Co.	Co	Total/HH	HU
		Cy	Total/HH	HU
Miami Valley Regional Planning Commission Suite 400 40 West 4th Street Dayton, OH 45402	Montgomery/Greene Co. Montgomery Co. Montgomery Co.	Co	Total/HU/HH	HU
		Cy	Total	HU
		Tp	Total	HU
Medina County Planning Commission County Administration Building 144 N. Broadway Street Medina, OH 44256	Medina	Co	Total/HU	HU
		Cy	Total/HU	HU
		Tp	Total/HU	HU
Stark County Regional Planning Commission 511 County Office Building Canton, OH 44702-2298	Stark Co.	Co	Total/HU	HU
		Cy	Total/HU	HU
		Tp	Total/HU	HU
Brooke-Hancock-Jefferson Metro. Plan. Comm. 814 Adams Street Suite 6 Steubenville, OH 43952	Brooke & Hancock Co.(WV)/Jefferson Co. (OH)	Co	Total/HU/Other	HU
OKLAHOMA				
Lawton Metropolitan Area Planning Commission City Hall 4th and "A" Street Lawton, OK 73501	Lawton	Cy	Total/HU	HU
		CT	Total/HU	HU
Planning Department City of Oklahoma City 200 N. Walker Oklahoma City, OK 73102	Oklahoma City	CT	Total/HU/HH	HU
Indian Nations Council of Governments 201 West 5th Street Suite 600 Tulsa, OK 74103	Tulsa/Osage/Creek/ Rogers/Wagoner Co.	Co	Total/HU/HH	HU
		Cy	Total/HU/HH	HU
		CT	Total/HU/HH	HU
		Other	Total/HU/HH	HU

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(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
OREGON				
Center For Population Research & Census @ Portland State University P.O. Box 751 Portland, OR 97214	Oregon	Co Cy	Age/Sex/HU Total/HU	Reg HU
PENNSYLVANIA				
Pennsylvania State Data Center @ PA State University at Harrisburg Middletown, PA 17057	Pennsylvania	Co	Age/Sex/Race	CC
Bucks County Planning Commission Aimshouse Road Neshaminy Manor Center Doylestown, PA 18901	Bucks Co.	Co Tp Other	Total/HU Total/HU Total/HU	HU HU HU
Chester County Planning Commission Dague Building 235 W. Market Street West Chester, PA 19382	Chester Co.	Cy Tp	Total Total	CM/HU CM/HU
Erie County Planning Department Room 13, Main Floor Erie County Courthouse Erie, PA 16501	Erie Co.	Co Cy Tp	Total Total Total	Other Other Other
Monroe County Planning Commission 7th and Monroe Street Courthouse Stroudsburg, PA 18360	Monroe Co.	Co Cy	Total/Age/HU/HH Total/HU/HH	HU/Other HU
PUERTO RICO				
Puerto Rico Planning Board @ Minillas Governmental Center, North Bldg. De Diego Ave., Stop 22 P.O. Box 41119 San Juan, PR 000940-9985	Puerto Rico	Co	Age/Sex/Race	CM
SOUTH CAROLINA				
Beaufort County Joint Planning Commission P.O. Drawer 1228 Beaufort, SC 29901	Beaufort Co.	Co Cy	Age/Sex/Race/HU/ HH/Other Total	CM/HU CM/HU
Spartanburg Co. Planning & Development Comm. 366 N. Church Street Spartanburg, SC 29303	Spartanburg Co.	Co CT	Total/HU Total/HU	HU HU
SOUTH DAKOTA				
State Data Center Business Research Bureau 414 East Clark Univ. of South Dakota Vermillion, SD 57069	South Dakota	Co	Age/Sex/Race	Pro
City Planning Department 224 W 9th Street City Hall Sioux Falls, SD 57102	Sioux Falls	Cy	Total/HU	HU
TENNESSEE				
Chattanooga-Hamilton County R.P.C. 200 City Hall Annex Chattanooga, TN 37402	Hamilton Co.	Co Cy CT Other	Total/HU HU HU HU	CMII/HU CMII/HU CMII/HU CMII/HU

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(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Jackson Municipal Regional Planning Comm. 105 North Church Street Jackson, TN 38301	Madison Co.	Co Cy	Age/Sex/Race/HU/HH Age/Sex/Race/HU/HH	HU/Other HU/Other
Memphis & Shelby County Health Department 814 Jefferson Avenue Memphis, TN 38105	Shelby Co.	Co Cy	Total/Race Total/Race	CM CM
Metropolitan Planning Commission Nashville-Davidson County 730 Second Avenue South Lindsley Hall Nashville, TN 37201	Davidson Co.	Co CT	Total/HH Total/HH	HU HU
TEXAS				
Department of Rural Sociology @ Special Services Building, Room 138 Texas A & M University College Station, TX 77843-2125	Texas	Co Cy	Age/Sex/Race Total	Reg/CMII CMII
City of Amarillo Planning Department 509 East 7th P.O. Box 1971 Amarillo, TX 79186-0001	Potter & Randall Co. Amarillo & Canyon Amarillo	Co Cy CT	Total/HU Total/Race/HU/HH Total/Race/HU	HU HU/Reg HU/Reg
City of Arlington Planning Department 101 West Abram Street Arlington, TX 76010	Arlington	Cy CT	Total/HU Total/HU	HU HU
Capital Area Planning Council 2520 IH-35 South Suite 100 Austin, TX 78704	Bastrop/Blanco/ Burnett/Caldwell/Fayette/ Hays/Lee/Llano/Travis/ Williamson Co.	Co Cy	Total Total	CC/HU CC/HU
City of Austin Department of Planning & Development P.O. Box 1088 Austin, TX 78767	Travis Co. Austin Austin	Co Cy CT	Total Total/HU/HH Total/HU/HH	HU HU HU
City of Baytown 2401 Market Street Baytown, TX 77520	Baytown	Cy CT Other	Total/HU Total/HU Total/HU	HU HU HU
Bryan-College Sta. Urban Transportation Study P.O. Box 3249 Bryan, TX 77805	Brazos Co.	Co Cy	Total/HU/HH Total/HU/HH	HU HU
City of Bryan - Municipal Dev. Div. P.O. Box 1000 Bryan, TX 77805	Bryan	Cy	Total	HU
City of College Station Planning Department 1101 Texas Avenue College Station, TX 77840	College Station	Cy Other	Total/HU Total/HU	CM/Other CM/Other
Department of Planning & Development City of Dallas 1500 Marilla - 5CN Dallas, TX 75201	Dallas	Cy CT	Total/HU/HH Total/HU/HH	HU HU
Department of Planning, Research & Dev. City of El Paso #2 Civic Center Plaza El Paso, TX 79999	El Paso	Co Cy CT Other	Total/HU Total/HU Total/HU Total/HU	HU HU HU HU
City of Garland Planning Department P.O. Box 469002 Garland, TX 75042	Garland	Cy CT	Total/HU/HH Total/HU/HH	HU HU

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(Includes those State agencies in the Federal-State Cooperative Program for Population Estimates which prepare some estimates independent of the FSCPE program, marked with an @. A complete list of FSCPE agencies is in appendix A)

Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Harlingen Area Chamber of Commerce P.O. Box 189 311 E. Tyler Harlingen, TX 78551	Harlingen	Cy	Total/HU	HU
City of Harlingen 118 East Tyler Harlingen, TX 78550	Harlingen	Cy	Total/HU/HH	HU
Houston-Galveston Area Council 3555 Timmons Lane, #500 P.O. Box 22777 Houston, TX 77227	Thirteen co. in Houston area	Co CT Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
Houston-Galveston Regional Transp. Study P.O. Box 1386 Houston, TX 77251-1386	Metro Houston co.	Co CT	Total/HU Total/HU	HU HU
City Planning Department City of Houston P.O. Box 1562 Houston, TX 77251	Houston	Cy CT Other	Total/Race/HU/HH Total/Race/HU/HH Total/HU/HH	HU/Other HU/Other HU/Other
City of Irving Department of Community Development P.O. Box 152288 Irving, TX 75015-2288	Irving	Cy	Total/HU	HU
North Central Texas Council of Governments P.O. Drawer COG 616 Six Flags Drive Arlington, TX 76005-5888	Co. in North Central TX	Co Cy CT	Total/HU/HH Total/HU/HH Total/HH	HU HU HU
Director of Planning & Inspection City of Odessa 411 W. 8th Street Odessa, TX 79760	Odessa	Cy	Total	HU
City of Pasadena 1211 Southmore Avenue Pasadena, TX 77502	Pasadena	Cy CT	Total/HU/HH Total/HU/HH	HU HU
San Angelo City Planning Department 72 W. College Avenue, B-2 San Angelo, TX 76903	San Angelo	Cy CT	Total/HU/HH Total/HU/HH	HU HU
City Planning & Community Development Dept. P.O. Box 839966 San Antonio, TX 78283-3966	Bexar Co.	Co CT	Total/HU Total/HU	HU HU
UTAH				
Utah State Office of Planning & Budget @ Utah Population Estimates Committee 116 State Capitol Building Salt Lake City, UT 84025	Utah	Co	Total	CMII/Other
Utah Department of Employment Security 174 Social Hall Ave. Salt Lake City, UT 84147	Utah	Co	Sex/Race	Other
Orem City Community Development 56 North State Street Orem, UT 84057	Orem	Cy CT Other	Total/HU Total/HU Total/HU	HU HU HU
Salt Lake County Planning Commission 2001 South State Street #N3700 Salt Lake City, UT 84190-4200	Salt Lake Co.	Co Cy CT Other	Total/HU Total/HU Total/HU Total/HU	HU HU HU HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Salt Lake City Planning Department 451 S. State Street Room 406 Salt Lake City, UT 84111	Salt Lake City	Cy CT Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
Wasatch Front Regional Council 420 West 1500 South, Suite 200 Bountiful, UT 84010	Salt Lake/Davis/Weber/ Tooele/Morgan Co.	Co Cy CT Other	Total/HU/Other Total/HU/Other Total/HU/Other Total/HU/Other	HU HU HU HU
VERMONT				
Vermont Dept. of Health @ Div of Public Health Statistics 60 Main Street, P.O. Box 7 Burlington, VT 05401	Vermont	Co Cy Tp	Age/Sex/HU Total/HU Total/HU	Reg/HU Reg/HU Reg/HU
VIRGINIA				
Department of Planning & Community Dev. 301 King Street Alexandria, VA 22314	Alexandria	Cy	Total/HU/HH	HU
Arlington County Planning Department 2100 Clarendon Boulevard Suite 608 Arlington, VA 22201	Arlington Co.	Co	Total/HU/HH	HU
City of Chesapeake Dept. of Planning 300 Cedar Road Chesapeake, VA 23320	Chesapeake	Cy CT Other	Total/HU HU HU	HU HU HU
Chesterfield County Planning Dept. P.O. Box 40 Chesterfield, VA 23832	Chesterfield Co.	Co Other	HU/HH/Other Total/HU/HH/Other	HU HU
Lenowisco Planning District Commission U.S. 58-421 West P.O. Box 366 Duffield, VA 24244	Lee/Scott/Wise Co.	Other	Total/Other	HU
Office of Research & Statistics Fairfax County Government 4100 Chain Bridge Road Fairfax, VA 22030	Fairfax Co.	Co Tp CT Other	Age/Sex/Race/HU/HH Total/HU Total/HU Age/Sex/Race/HU/HH	HU/Survey HU HU/Survey HU
Hanover County Planning Department P.O. Box 470 Hanover, VA 23069	Hanover Co.	Co Other	Total/HU Total	HU HU
County of Henrico Planning Office P.O. Box 27032 Richmond, VA 23273	Henrico Co.	Co CT Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
James City County Planning Dept. P.O. Box JC Williamsburg, VA 23187-3627	James City Co.	Co	Total	HU
City of Newport News Department of Planning & Development 2400 Washington Avenue Newport News, VA 23607	Newport News	Cy	Total/HU/Other	HU
Poquoson City Planning Dept. 830 Poquoson Avenue Poquoson, VA 23662	Poquoson	Cy	Total/HH	HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
Prince William County Planning Office 15920 Jefferson Davis Highway Prince William, VA 22192	Prince William Co.	Co Tp CT	Age/Sex/HU/HH Total/HU/HH Total/HU/HH	HU/Survey HU/Survey HU/Survey
City of Richmond Dept. of Community Dev. 900 East Broad Street, Rm 510 Richmond, VA 23219	Richmond	Cy CT Other	Total Total Total	HU HU HU
Richmond Regional Planning Dist. Comm. 2104 W. Laburnum Avenue Suite 101 Richmond, VA 23227	Five co. Richmond area Richmond/Ashland Five co. Richmond area	Co Cy Other	Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU
Virginia Beach Department of Planning 2405 Courthouse Drive Ops. Building, Room 115 Virginia Beach, VA 23456	Virginia Beach	Cy CT	Total/HU Total/HU	HU HU
York Co. Dept. of Community Dev. P.O. Box 532 Yorktown, VA 23690	York Co.	Co	Total/HU	HU
WASHINGTON				
Office of Financial Mgt., Forecasting Div. @ 300 Insurance Building, AQ-44 Olympia, WA 98504	Washington	Co Cy	Age/Sex/Race/HU/HH Total/HU/HH	HU/CMII/Reg HU
Puget Sound Council of Governments 216 First Avenue South Seattle, WA 98104	King/Kitsap/Pierce/ Snohomish Co.	Co	Total/HU/HH/Other	HU
Snohomish County Planning Department County Administration Building 5th Floor Everett, WA 98201	Snohomish Co.	CT Other	Total Total	HU HU
Spokane City Planning & Bldg. Services West 808 Spokane Falls Boulevard Spokane, WA 99040	Spokane	Cy	Total/HU	HU
WISCONSIN				
State of Wisconsin Dept. of Administration Demographic Services Center 101 S. Webster Street P.O. Box 7868 Madison, WI 53707-7868	Wisconsin	Co Cy Tp	Total Total Total	Com/Other Com/Other Com/Other
Department of Planning City of Appleton 200 North Appleton Street Appleton, WI 54911	Appleton	Cy Other	Total/HU Total/HU	HU HU
Green Bay Planning Commission 100 North Jefferson Street Green Bay, WI 54301	Green Bay	CT	Total	HU
Department of City Development P.O. Box 324 Milwaukee, WI 53201	Milwaukee	CT	HU	HU
Southeastern Wisconsin Reg. Plan. Comm. P.O. Box 1607 916 N. East Avenue Waukesha, WI 53187-1607	Seven co. in Milwaukee area	Co Cy Tp Other	Total/HU/HH Total/HU/HH Total/HU/HH Total/HU/HH	HU HU HU HU

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Agency name and address	Areas covered by estimates	Level of estimates ¹	Estimates detail ²	Methods used ³
WYOMING Division of Research and Statistics @ State Dept. of Admin. and Fiscal Control Emerson Building, Room 3 Cheyenne, WY 82002	Wyoming	Co Cy	Total/Age/Sex Total	CM/Other CM/Other

¹Co = county, except AK boroughs and census areas, LA parishes, and Puerto Rico municipios.

Cy = city

Tp = township, except towns in New England, NY, WI, and magisterial districts in VA.

CT = census tract

Other = traffic analysis zones, planning districts, voting district, etc.

²Total = total all-age, both sexes population.

Age = age detail.

Sex = sex detail.

Race = race as identified by estimating agency.

HH = number of households.

HU = number of housing units.

Other = income, education, etc.

³HU = Housing Unit method.

CC = Cohort Component method.

AR = Administrative Records method.

Reg. = Regression or Ratio-Correlation method.

CM = Component method.

CMII = Component Method II.

Com = Composite method.

VR = Vital Rates method.

Pro = Proration method.

Other = other estimating methods not listed above.

Table 2. Number of Agencies Contacted, by Type and Response

Level and type of agency contacted	Total contacted	Responding	Making estimates
All agencies	1,049	898	284
State agencies	88	76	34
Planning	16	14	9
Health	14	9	4
Budget and management	10	9	6
University	33	30	10
Other	15	14	5
Regional agencies	135	113	30
Council of governments	33	24	7
Planning	98	85	21
Other	4	4	2
Metropolitan Agencies	36	30	21
Council of governments	15	12	7
Planning	18	16	14
Other	3	2	-
County agencies	187	161	78
Planning	182	157	77
Health	4	3	1
Other	1	1	-
City agencies	598	517	121
Planning	583	506	119
Health	1	1	-
Budget and management	1	1	-
Chamber of Commerce	8	7	2
Other	5	2	-
Other agencies	5	1	-
University	4	1	-
Other	1	-	-

- Represents zero.

Table 3. Number and Percent of Agencies Making Estimates, by Region, Division, and State

Region, division, and State	Number	Percent of U.S. total	Region, division, and State	Number	Percent of U.S. total
United States	284	100.0	West North Central—Con.		
Northeast	28	9.9	Nebraska	2	0.7
New England	8	2.8	Kansas	3	1.1
Middle Atlantic	20	7.0	South Atlantic:		
Midwest	50	17.6	Delaware	-	-
East North Central	30	10.6	Maryland	5	1.8
West North Central	20	7.0	District of Columbia	1	0.4
South	101	35.6	Virginia	16	5.6
South Atlantic	59	20.8	West Virginia	-	-
East South Central	12	4.2	North Carolina	10	3.5
West South Central	30	10.6	South Carolina	2	0.7
West	104	36.6	Georgia	5	1.8
Mountain	32	11.3	Florida	20	7.0
Pacific	72	25.4	East South Central:		
New England:			Kentucky	2	0.7
Maine	3	1.1	Tennessee	4	1.4
New Hampshire	2	0.7	Alabama	5	1.8
Vermont	1	0.4	Mississippi	1	0.4
Massachusetts	1	0.4	West South Central:		
Rhode Island	-	-	Arkansas	1	0.4
Connecticut	1	0.4	Louisiana	3	1.1
Middle Atlantic:			Oklahoma	3	1.1
New York	8	2.8	Texas	23	8.1
New Jersey	7	2.5	Mountain:		
Pennsylvania	5	1.8	Montana	-	-
East North Central:			Idaho	1	0.4
Ohio	11	3.9	Wyoming	1	0.4
Indiana	2	0.7	Colorado	8	2.8
Illinois	6	2.1	New Mexico	2	0.7
Michigan	6	2.1	Arizona	9	3.2
Wisconsin	5	1.8	Utah	6	2.1
West North Central:			Nevada	5	1.8
Minnesota	5	1.8	Pacific:		
Iowa	-	-	Washington	4	1.4
Missouri	8	2.8	Oregon	1	0.4
North Dakota	-	-	California	62	21.8
South Dakota	2	0.7	Alaska	3	1.1
			Hawaii	2	0.7
			Puerto Rico	1	0.4

- Represents zero.



Appendix A. Federal-State Cooperative Program Agencies, Contacts, and Telephone Listings

(Asterisk (*) denotes key technical person)

Alabama

Alabama Department of Economic and Community Affairs
3465 Norman Bridge Rd., P.O. Box 250347
Montgomery, AL 36125-0347
Mr. Parker Collins (205) 284-8630

Alabama State Data Center
Center for Business and Economic Research
The University of Alabama
P.O. Box 870221
Tuscaloosa, AL 35487-0221
*Ms. Annette Watters (205) 348-6191

Alaska

Research and Analysis Section
Department of Labor
P.O. Box 25501
Juneau, AK 99802-5501
*Dr. Gregory Williams, State Demographer
(907) 465-4500

Arizona

Arizona Department of Economic Security
Population Statistics Unit
P.O. Box 6123-045Z
Phoenix, AZ 85005
*Ms. Linda Strock (602) 542-5984
Mr. Samuel Colon (602) 542-6057

Arkansas

Research and Public Services
University of Arkansas at Little Rock
Ottenheimer Library, Room 509A
2801 South University Avenue
Little Rock, AR 72204
Dr. Lawrence Santi (501) 569-8572
*Ms. Mary McGehee (501) 569-8574

California

Demographic Research Unit
State Department of Finance
915 L Street, 8th Floor
Sacramento, CA 95814
Ms. Linda Gage, Chief (916) 322-4651
*Ms. Elizabeth Hoag (916) 323-4103

Colorado

Department of Local Affairs
Colorado Division of Local Government
1313 Sherman Street, Room 521 Denver, CO 80203
Dr. Reid T. Reynolds, State Demographer
(303) 866-2156
*Dr. Y. Richard Lin, Estimates Demographer
(FSCPE Estimates) (303) 866-4990
Ms. Rebecca Picaso, Staff Assistant
(Demographic Information) (303) 866-3120

Connecticut

Division of Health Surveillance and Planning
State Department of Health Services
150 Washington Street, Room B124
Hartford, CT 06106
Mr. Lloyd Muller (203) 566-1018
*Ms. Leah Weintrub, MPH, (203) 566-8515

Delaware

Delaware Development Office
99 Kings Highway
P.O. Box 1401
Dover, DE 19903
Mr. Douglas Clendaniel
*Ms. Judy McKinney-Cherry (302) 736-4271

District of Columbia

Data Services Division
D.C. Office of Planning
415 Twelfth Street, N.W., Room 570
Washington, DC 20004
*Mr. Gangu Ahuga (202) 727-6535

Florida

Bureau of Economic and Business Research
221 Matherly Hall
University of Florida
Gainesville, FL 32611
Dr. Stanley K. Smith
*Mr. Scott Cody (904) 392-0171

Georgia

Governor's Office of Planning and Budget
270 Washington Street, S.W., Room 608
Atlanta, GA 30334,
Mr. Thomas M. Wagner, Director
Ms. Robin Kirkpatrick (404) 656-0911

Guam

Guam Department of Commerce
Suite 601, I.T.C. Building
590 South Marine Drive
Tamuning, Guam 96911
*Mr. Joseph T. Flores, Administrator
(671) 646-5841

Hawaii

Office of Health Status Monitoring
P.O. Box 3378
Honolulu, HI 96801
*Mr. Shigeo Tengan (808) 548-5820

Department of Business and Economic Development
P.O. Box 2359
Honolulu, HI 96804
*Mr. Robert C. Schmitt, State Statistician
(808) 548-3017

Idaho

Division of Financial Management
Executive Office of the Governor
Statehouse, Room 122
Boise, ID 83720
*Mr. Michael Ferguson, Chief Economist
(208) 334-2950
Derek Santos, Economist
(208) 334-2906

Illinois

Illinois Center for Health Statistics
Office of Health Policy and Planning
Illinois Department of Public Health
535 West Jefferson Street, 2nd Floor
Springfield, IL 62761
*Mr. Mark Flotow, State Demographer
(217) 785-1058

Indiana

Division of Public Health Statistics
Indiana State Board of Health
1330 West Michigan Street, Room 236
P.O. Box 1964
Indianapolis, IN 46206-1964
*Ms. Susie Dorrell, Statistician
(317) 633-0311

Population Studies Division
Indiana Business Research Center
Indiana University School of Business
801 W. Michigan Street, Room 4003
Indianapolis, IN 46202
*Mr. Jerome McKibben (317) 274-0872

Iowa

State Data Center of Iowa
State Library
East 12th and Grand
Des Moines, IA 50319
*Ms. Beth Henning (515) 281-4350

Kansas

Division of the Budget
Statehouse, Room 152E
Topeka, KS 66612
Dr. Teresa Floerchinger (913) 296-2436

Kentucky

Population Studies Program
Urban Research Institute
University of Louisville
426 West Bloom Street
Louisville, KY 40292
*Dr. Michael Price (502) 588-6626
*Mr. Thomas Sawyer

Louisiana

Research Division
College of Administration and Business Bldg.
Louisiana Tech University
Box 10318 Tech Station
Ruston, LA 71272
Dr. James Robert Michael
*Ms. Barbara H. Denton (318) 257-3701

Maine

Office of Data, Research and Vital Statistics
 Department of Human Services
 Statehouse, Station 11
 32 Winthrop Street
 Augusta, ME 04333
 *Mr. Dale E. Welch (207) 289-3080

Maryland

Maryland Center for Health Statistics
 Department of Health and Mental Hygiene
 201 West Preston Street, Room 544
 Baltimore, MD 21201-2365
 *Dr. Frances Jean Warthen (301) 225-5950

Massachusetts

Massachusetts Institute for Social and Economic
 Research (MISER)
 University of Massachusetts
 Thompson Hall, Room 128
 Amherst, MA 01003
 Mr. George Danziger
 *Ms. Nora Groves, Manager, Data Dissemination
 and Analysis (413) 545-3460

Michigan

Office of Revenue and Tax Analysis
 Michigan Department of Management and Budget
 Lewis Cass Building, First Floor
 P.O. Box 30026
 Lansing, MI 48909
 *Dr. Ching-li Wang (517) 373-7910

Minnesota

Minnesota State Planning Agency
 300 Centennial Office Building, 3rd Floor
 658 Cedar Street
 St. Paul, MN 55155
 *Dr. R. Thomas Gillaspay, State Demographer
 (612) 296-2557
 *Mr. James Hibbs, Local Estimates
 (612) 296-9036

Mississippi

Center for Policy Research and Planning
 Mississippi Institutions of Higher Learning
 3825 Ridgewood Road, #810
 Jackson, MS 39211-6453
 Dr. Jim W. Meredith, Associate Commissioner
 (601) 982-6456
 *Dr. Edward L. Ranck, Deputy Commissioner
 (601) 982-6516
 *Dr. Daniel Lee (601) 982-6556

Missouri

Office of Administration
 Division of Budget and Planning
 Capitol, Room 124
 Box 809
 Jefferson City, MO 65102
 *Mr. Ryan Burson (314) 751-2345
 Ms. Susan Jenkins

Montana

Bureau of Business and Economic Research
 University of Montana, Eddy Avenue
 Business Administration Bldg., Room 209
 Missoula, MT 59812
 Dr. Paul Polzin, Acting Director
 *Mr. James T. Sylvester (406) 243-5113
 Ms. Susan Selig Wallwork, Research Associate

Nebraska

Nebraska Natural Resources Commission
 P.O. Box 94876
 Lincoln, NE 68509
 Mr. Dayle Williamson, Executive Secretary
 *Mr. Mahendra K. Bansal (402) 471-2081

Nevada

Bureau of Business and Economic Research
 College of Business Administration
 University of Nevada-Reno
 Business Building, Room 415
 Reno, NV 89557-0016
 Dr. David R. Seymour, Director (702) 784-6877
 *Dr. Maud Naroll (702) 784-4820

New Hampshire

New Hampshire Office of State Planning
 2 1/2 Beacon Street
 Concord, NH 03301
 *Mr. Thomas J. Duffy (603) 271-2155

New Jersey

Division of Labor Market & Demographic Research
 NJ Department of Labor
 CN388, Room 200A
 Trenton, NJ 08625-0388
 *Ms. Connie O. Hughes, Assistant Director
 (609) 984-2593
 Mr. Sen-Yuan Wu (609) 292-0076

New Mexico

Bureau of Business and Economic Research University
of New Mexico
1920 Lomas, N.E.
Albuquerque, NM 87131
Dr. M. Brian McDonald
*Dr. Adelamar N. Alcantara (505) 277-2216

New York

New York State Department of Economic Development
One Commerce Plaza, Room 905
Albany, NY 12245
*Mr. Robert Scardamalia (518) 474-6005
Mr. David Lamphere

North Carolina

Office of State Budget and Management
116 West Jones Street, Room 5111
Raleigh, NC 27603-8005
*Mr. William Tillman, State Demographer
(919) 733-7061
Ms. Sharon Rains
Ms. Li Chang

North Dakota

North Dakota State Census Data Center North Dakota
State University of Agriculture and Applied Science
P.O. Box 5636
Fargo, ND 58105
*Dr. Richard W. Rathge (701) 237-7441

Ohio

Ohio Data Users Center
Department of Development
P.O. Box 1001
Columbus, OH 43266-0101 *Mr. Barry Bennett
(614) 466-2115
*Ms. Jian He

Oklahoma

Research and Planning Division
Oklahoma Department of Commerce
P.O. Box 26980
Oklahoma City, OK 73126-0980
*Dr. Mohammed Shahidullah (405) 841-5176

Oregon

Center for Population Research and Census
Portland State University
P.O. Box 751
Portland, OR 972-0751
Dr. Edward A. Schafer
*Dr. Howard Wineberg (503) 725-3922

Pennsylvania

Pennsylvania State Data Center
Institute of State and Regional Affairs
Olmsted Building—Room E310
Penn State—Harrisburg
Middletown, PA 17057
Mr. Robert W. Surrige, Director
Mr. Michael T. Behney, Assistant Director
(717) 948-6178 *Mr. Kevin Moore

Puerto Rico

Puerto Rico Planning Board
Minillas Government Center
P.O. Box 41119
San Juan, PR 00940-9985
Mr. Santos Negron-Diaz
Director, Area of Economic & Social Planning
*Ms. Lillian Torres Aguirre (809) 728-4430

Rhode Island

Rhode Island Department of Administration
Office of Municipal Affairs
One Capitol Hill, 3rd Floor
Providence, RI 02908-5873
Mr. Daniel Varin, Chief
*Mr. Paul M. Egan, Principal Research Technician
(401) 277-6493

South Carolina

Office of Demographic Statistics
Division of Research and Statistical Services
Rembert C. Dennis Building
1000 Assembly Street, Room 442
Columbia, SC 29201
Mr. Michael V. Macfarlane, State Demographer
*Ms. Diana Tester (803) 734-3782

South Dakota

Center for Health Policy and Statistics
 State Department of Health
 523 East Capitol
 Pierre, SD 57501

*Mr. Dave Peterson (605) 773-3693

Tennessee

Tennessee State Planning Office 309
 John Sevier State Office Building
 500 Charlotte Avenue
 Nashville, TN 37219-5082

*Mr. Charles Brown (615) 741-1676

Texas

Texas State Data Center
 Texas Department of Commerce
 P.O. Box 12728, Capitol Station
 Austin, TX 78711

Ms. Susan Tully (512) 472-5059

Department of Rural Sociology
 Special Services Building, Room 138
 Texas A & M University System
 College Station, TX 77843-2125

*Dr. Steve Murdock (409) 845-5332

Utah

Demographic and Economic Analysis
 Office of State Planning and Budget
 116 State Capitol Building
 Salt Lake City, UT 84114

*Mr. Brad Barber (801) 538-1027

Ms. Jeanine Taylor

Vermont

Division of Public Health Statistics
 Department of Health/Population Programs
 P.O. Box 70
 60 Main Street
 Burlington, VT 05402

*Ms. Peggy Brozicevic (802) 863-7298

Virginia

Center for Public Service
 Dynamics Building, 4th Floor
 2015 Ivy Road
 Charlottesville, VA 22903

Dr. Julie Martin

*Ms. Jeanne C. Brown (804) 924-1022/7451

Washington

Forecasting Division
 Office of Financial Management
 Insurance Building, AQ44, Room 450
 Olympia, WA 98504

*Ms. Theresa J. Lowe (206) 586-2804

West Virginia

Office of Health Services Research
 900 Chestnut Ridge Road
 Morgantown, WV 26505

*Ms. Stephanie Pratt, Project Manager
 (304) 293-2601

Wisconsin

Bureau of Health Statistics
 Division of Health
 Wisconsin Department of Health and Social Service
 P.O. Box 309

Madison, WI 53701-0309

*Ms. Patricia Guhleman (608) 266-1920

Wyoming

Division of Research and Statistics
 State Dept. of Administration and Fiscal Control
 Emerson Building

Cheyenne, WY 82002-0060

Ms. Mary Byrnes

*Mr. Steve Furtney (307) 777-7221

Appendix B. Facsimiles of Survey Form and Cover Letter

OMB No. 0607-0846: Approval Expires 12/31/89

NOTICE — Your report to the Census Bureau is confidential by law (title 13, U.S. Code). It may be seen only by sworn Census employees and may be used only for statistical purposes.

Form S-136 U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS
12-7-89

1989 SURVEY OF AGENCIES MAKING POPULATION ESTIMATES

Please complete and return within 10 days after receipt to
**Bureau of the Census
 ATTN: Population Division
 Population Estimates Branch
 Washington, DC 20233**

1a. Agency preparing estimates
 Name of agency _____
 Address (Number and street name) _____
 City _____ State _____ ZIP Code _____

b. Name of person to be contacted _____

c. Title _____ **d. Telephone (include area code and ext.)** _____

If there are any questions, you may call Ed Byerly at (301) 763-5072.

2. List counties and/or cities covered in your estimates program. If no program, indicate none and skip to item 9. None

3. Geographic and demographic detail for which estimates are made. Mark (X) the appropriate boxes.

	County	City	Township	Census tract	Other*
Total population					
Age					
Sex					
Race					
No. of housing units					
No. of households					
Other*					

*Specify characteristic or geographic area _____

4a. How often are estimates prepared?
 Annually Other — Specify 7
 Irregularly

b. Date covered by most recent estimates _____

5a. If estimates are published, what is the name of the publication?

b. If estimates are not published, are they available upon request to the public?
 Yes
 No

c. Please send us your most recent estimates.

6. Briefly indicate method(s) used in estimates. We would also appreciate your attaching a more detailed explanation of your methodology, if available.

7. Have you conducted any test of accuracy of the methods you use to prepare current estimates?
 Yes — If published, please send us a copy
 No

8. If you do not make census tract estimates, are these data available, by census tract, from which estimates can be made?
 Building permits Vital statistics
 Demolitions Other — Specify 7
 Utility data
 None

9. Are there other organizations preparing population estimates for areas within your jurisdiction?
 Yes — Please list on reverse side of this questionnaire
 No

Continue on reverse →

List other organizations preparing population estimates for areas within your jurisdiction.
(Include street name and number, city, state, and ZIP Code.)

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

Budget Bureau No. 0607-0646
Approval Expires December 31, 1989

June 20, 1989

Dear Colleague:

About every 10 years the Census Bureau takes a survey to identify agencies who make population estimates. The last survey was in 1976. There are two purposes for the survey.

One use of this voluntary survey is to publish a report of the names and addresses of the agencies producing estimates, the demographic and area coverage, and the methodology used to produce the estimates. No actual population estimates will be published by the Census Bureau. This report will function as a resource directory for users of population estimates at the regional, county, and city level.

A second use of the survey is to collect population estimates by census tract to help the Census Bureau review the 1990 census counts. The Census Bureau has no estimates program of its own at the census tract level. Locally prepared census tract estimates will help the Census Bureau spot problems in the census counts and assist in accepting or rejecting counts as they come in from the field. A more accurate count should result from this information.

We are enclosing the survey form for you to complete and return in the envelope provided. We will also accept a floppy disk (IBM-compatible) with your estimates, if that would be more convenient. If you have questions about completing the form, please call Mr. Ed Byerly at (301) 763-5072.

The public burden for this collection of information is estimated to average 13.3 minutes per response, including the time for assembling data from existing records and completing the form. If your agency does not produce population estimates, actual response time may be 5 minutes or less. Send comments regarding this burden or any other aspect of this collection of information to: Associate Director for Demographic Programs, Bureau of the Census, Room 2061-3, Washington, DC 20233; and Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503. Please include survey name and form number on all correspondence. Thank you for your cooperation.

Sincerely,

PAULA J. SCHNEIDER
Chief, Population Division
Bureau of the Census

Enclosures

Appendix C. Bibliography

This bibliography of selected readings is intended to provide readers with an extensive list of background materials on the methods of population estimation. Many of the models covered in the citations explore the basic estimation techniques employed by the agencies surveyed and the by the Bureau of the Census. This appendix is a compilation of citations from Population Association of America papers, computer and journal searches, and Bureau of the Census products. Only English language publications are included. Of the Government publications, only the most recent of recurring reports or benchmark reports are listed. A special acknowledgement is owed to Lucky Tedrow and David Swanson, "Population Estimation Bibliography," *ICPSR Summer Programs in Quantitative Methods 1988 Bibliography*. Edited by Henry Heitowit, University of Michigan Inter-University Consortium for Political and Social Research, pp. 150-166.

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