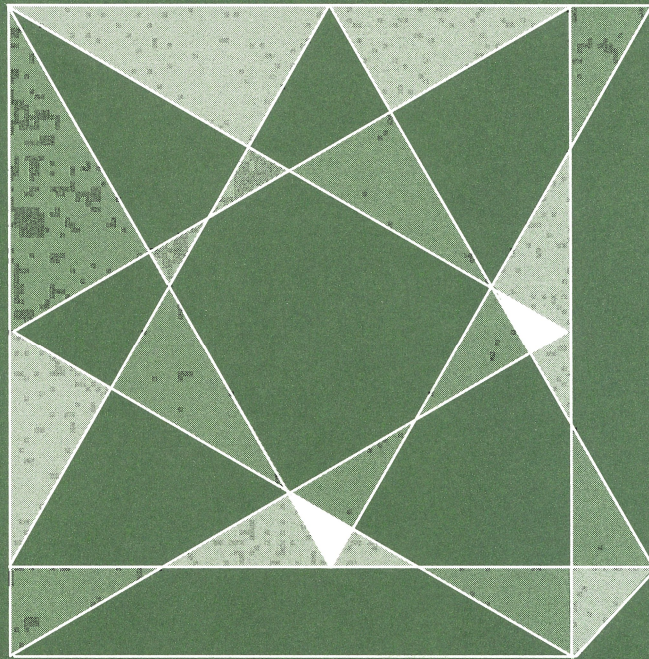




CURRENT POPULATION REPORTS  
**Population Estimates and Projections**

P25-1123

**State Housing Unit  
and Household Estimates:  
April 1, 1980, to July 1, 1993**



by Ron Prevost

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

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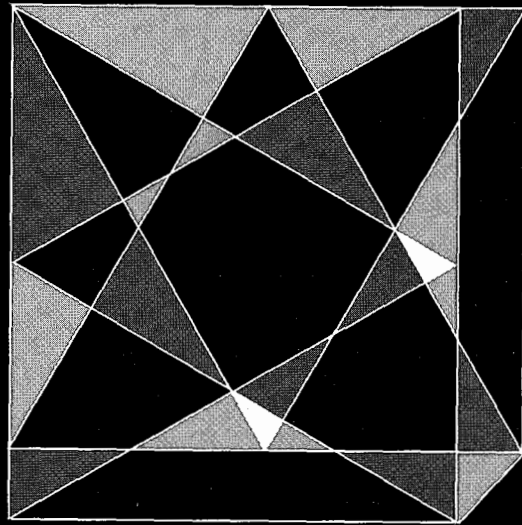
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Issued October 1994

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# State Housing Unit and Household Estimates: April 1, 1980, to July 1, 1993

## INTRODUCTION

Annual estimates of State populations based on administrative data have been generated by the U.S. Bureau of the Census for over 50 years. Meanwhile, current estimates of housing units and households have typically been based on the results of annual surveys, such as the Current Population Survey (CPS), the American Housing Survey, and the Housing Vacancy Survey. In the past, population estimates have been employed as controls for each of these surveys. The Population Estimates Branch began producing housing estimates from administrative-data series in 1989. Housing estimates consistent with this series are being employed as controls for the American Housing Survey during the 1990's.

Following is a methodological description of current housing unit, household, and population estimates that employ separate estimation methodologies. This operation represents the first iteration in the development of an integrated housing, household, and population estimation methodology that combines administrative records and survey results to create estimates for State and substate geographical areas.

## CURRENT METHODOLOGIES

### State Population Estimates Methodology, 1990-93

Population estimates for States by age were developed in a two-stage procedure. Estimates of the total population were developed, followed by the production of estimates by single year of age. Population estimates were developed through the aggregation of three estimates, each created by a separate estimating procedure:

1. Estimates of the population under 65 years of age living in group quarters
2. Estimates of the total population 65 years and older
3. Estimates of the household population under 65 years of age

A full explanation of the methodology can be found in Current Population Reports Series P25-1010.

Estimates of the population aged 65 and older are created by adding the estimated change in the State's population enrolled under Medicare between April 1, 1990, and the estimate date to the 1990 census population aged 65 and over.

Estimates of the group-quarters population under 65 years of age (by single year of age) are developed by adding the estimated change in the State's population living in group quarters between April 1, 1990, and the estimate date (as measured by administrative data collected annually by the Population Estimates Branch) to the 1990 census population under 65 years of age living in group quarters.

Estimates of the population under 65 years of age (by single year of age) living in households are produced by the following formula:

$$1. \quad P_1 = P_0 + B - D + M + I$$

Where:

- $P_1$  = Household population under 65 years of age on the estimate date
- $P_0$  = Household population under 65 years of age on the census date
- $B$  = Births occurring between the census and the estimate date
- $D$  = Deaths to the household population under 65 years of age occurring between the census and the estimate date
- $M$  = Net domestic migration occurring during the estimation period
- $I$  = Net foreign migration occurring during the estimation period

### State Household Estimation Methodology, 1990-93

The household estimates for each State were developed by the model described below. First, the model applies the change in national household formation rates by age of householder (as measured through CPS data) to the 1990 decennial census State specific household formation rates by age. This process produces estimates of State household formation rates by age. Next, the updated State household formation rates are applied to State population estimates by age to develop estimates of households by age of householder. The estimate of a State's total households is the summation of that State's households by age of householder.

The following equation provides an example of how the July 1, 1993, estimates were developed:

$$2. \text{HH}_{93j} = ((\text{HHR}_{93j} / \text{HHR}_{90j}) * \text{CHHR}_{90j}) * \text{PA}_{93j}$$

Where:

$j$  = Age groups (15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+)

$\text{HH}_{93}$  = Estimate of households: July 1, 1993

$\text{HHR}_{93}$  = U.S. householder rate from the March 1993 CPS

$\text{HHR}_{90}$  = U.S. householder rate from the March 1990 CPS

$\text{CHHR}_{90}$  = 1990 census householder rate

$\text{PA}_{93}$  = Total population estimate: July 1, 1993

This methodology is significantly different from the methodology used during the 1980's. In the 1980's, persons-per-household data were used to develop estimates of total households (for a more detailed explanation of the methodology employed in the 1980's, see Current Population Reports, Series P25-1010).

### State Housing Unit Estimation Methodology: 1980-93

Annual housing unit estimates (1980-93) for each State were developed by the component model described below. The July 1, 1993, estimates are used here as an example.

$$3. \text{HU}_{93} = \text{HU}_{90} + (\text{NC}_{93} + \text{NM}_{93}) - \text{HL}_{93}$$

Where:

$\text{HU}_{93}$  = Estimated 1993 housing units

$\text{HU}_{90}$  = 1990 census housing units

$\text{NC}_{93}$  = Estimated residential construction, April 1, 1990, to July 1, 1993

$\text{NM}_{93}$  = Estimated new residential mobile home placements, April 1, 1990, to July 1, 1993

$\text{HL}_{93}$  = Estimated residential housing loss, April 1, 1990, to July 1, 1993

Note: Intercensal estimates for the 1980's were developed by adjusting the pattern of estimated annual housing unit change from 1980 to 1990 to be consistent with both the 1980 and 1990 census counts of housing units.

Explanations of each component follow:

**Estimated residential construction for the period April 1, 1990, to July 1, 1993.** Building permits were compiled from internal data files (1989-93) developed by Manufacturing and Construction Division. These files include imputed permits where a jurisdiction did not report permit issuance for the entire year. Housing growth calculated from building permits employs a census region-specific lag time (weighted average by number of units in structure) between the issuance of permits and completion of construction. The lag times by census region (in number of months) are:

U.S. average	8.33		
Northeast region	10.46	Midwest region	7.24
South region	7.11	West region	8.64

Two percent of all building permits never result in the actual construction of a housing unit (as derived from U.S. Bureau of the Census Current Construction Reports, Series C20-9103 and Series C22-9107). Therefore, a factor of .98 is used to estimate completed new units.

Many jurisdictions provide only annual data to the Building Permit Survey. These reporting practices have an impact on the ability of the estimation method to measure seasonal fluctuations in the growth of housing stock. In the future, attempts will be made to remedy this shortcoming in the current method. New residential construction was calculated in the following manner for the July 1, 1993, estimates:

$$4. \text{NC}_{93} = [[(\text{BP}_{89} + \text{BP}_{90} + \text{BP}_{91} + \text{BP}_{92}) * .98] + \text{NPC}_{93}]$$

Where:

$\text{NC}_{93}$  = Estimate of new residential construction for the period: April 1, 1990, to July 1, 1993

$\text{BP}_{89}$  = Residential building permits issued in 1989 that would result in the completion of a housing unit after April 1, 1990, and prior to the date of the estimate

$\text{BP}_{90}$  = Residential building permits issued in 1990 that would result in the completion of a housing unit after April 1, 1990, and prior to the date of the estimate

$\text{BP}_{91}$  = Residential building permits issued in 1991 that would result in the completion of a housing unit prior to the date of the estimate

$\text{BP}_{92}$  = Residential building permits issued in 1992 that would result in the completion of a housing unit prior to the date of the estimate

$\text{NPC}_{93}$  = Estimate of new residential construction in nonpermit issuing areas for the period: April 1, 1990, to July 1, 1993

Note:  $\text{NPC}_{93}$  was developed by an experimental procedure which creates estimates of residential construction for substate areas where building permits are not issued. These estimates were then aggregated to a single year State total and multiplied by the number of years since the census (in this case 3.25). This procedure, which assumed a constant vacancy rate between 1990 and 1991, and was developed in the following manner for nonpermit issuing areas:

$$4A. \text{ If } (\text{EHHP}_{91} / \text{HU}_{90}) > \text{PPH}_{90} \\ \text{ then: } \text{NPC}_{93} = [(\text{EHHP}_{91} / \text{PPH}_{90}) - \text{HU}_{90}] * 3.25 \\ \text{ else: } \text{NPC}_{93} = 0$$

Where:

- $NPC_{93}$  = Estimate of new residential construction in nonpermit issuing areas for the period, April 1, 1990, to July 1, 1993
- $EHP_{91}$  = Estimate of household population, July 1, 1991, from the substate population estimates program
- $HU_{90}$  = 1990 census housing units
- $PPH_{90}$  = 1990 census persons-per-household rate

**Estimated new residential mobile home placements for the period April 1, 1990, to July 1, 1993.** Tabulations of mobile homes shipped to States are consistent with Series C-40 reports (U.S. Bureau of the Census, 1993). Ninety-eight percent of all mobile homes shipped to States are used for residential purposes. Internal studies have shown that on average a 2-month lag time exists between the time when a mobile home is shipped and subsequently put in place for residential use (Schwanz, 1986). These factors result in the development of the following formula.

$$5. \quad NM_{93} = [(MH_{90} * (11/12)) + MH_{91} + MH_{92} + (MH_{93} * (4/12))] * .98$$

Where:

- $NM_{93}$  = Estimated new residential mobile home placements since April 1, 1990
- $MH_{90}$  = Mobile homes shipped to States in 1990
- $MH_{91}$  = Mobile homes shipped to States in 1991
- $MH_{92}$  = Mobile homes shipped to States in 1992
- $MH_{93}$  = Mobile homes shipped to States in 1993

**Estimated residential housing loss for the period April 1, 1990, to July 1, 1993.** Demolition permits were compiled from internal data files (1990-93) developed by Manufacturing and Construction Division. These files include imputed permits where a permit issuing jurisdiction did not report permit issuance for the entire year. No lag time is assumed for demolition permits.

$$6. \quad HL_{93} = (.75 * DP_{90}) + DP_{91} + DP_{92} + (.5 * DP_{93}) + DL_{93}$$

Where:

- $HL_{93}$  = Estimate of housing loss for the period: April 1, 1990, to July 1, 1993
- $DP_{90}$  = Residential demolition permits issued in 1990
- $DP_{91}$  = Residential demolition permits issued in 1991
- $DP_{92}$  = Residential demolition permits issued in 1992
- $DP_{93}$  = Residential demolition permits issued in 1993
- $DL_{93}$  = Estimated housing unit loss not measured by demolition permits for the period, April 1, 1990, to July 1, 1993

Note:  $DL_{93}$  was developed by an experimental procedure which creates estimates of residential housing loss for substate areas. These estimates were then aggregated

to State totals. National estimates from the Components of Inventory Change (CINCH) study show that for the period 1973-83 2.4 million housing units were lost due to demolitions or disasters and another 0.6 million housing units became uninhabitable. Permitted demolitions for this period accounted for only 40 percent of the total housing unit loss. Poverty statistics were employed as indicators for localizing the loss of nonpermitted units.

$$6A. \quad DL_{93} = SPOV_{90} * [LOSS * (3.25 / 10)]$$

$$\text{if } DL_{93} < = [(.75 * DP_{90}) + DP_{91} + DP_{92} + (.5 * DP_{93})]$$

$$\text{then } DL_{93} = 0$$

$$\text{else } DL_{93} = DL_{93} - [(.75 * DP_{90}) + DP_{91} + DP_{92} + (.5 * DP_{93})]$$

Where:

- $DL_{93}$  = Estimated housing unit loss not measured by demolition permits for the period, April 1, 1990, to July 1, 1993
- LOSS = Estimated 10-year loss in housing stock from CINCH
- $SPOV_{90}$  = Subnational area's share of total U.S. households in poverty from the 1990 census
- $DP_{90}$  = Residential demolition permits issued in 1990
- $DP_{91}$  = Residential demolition permits issued in 1991
- $DP_{92}$  = Residential demolition permits issued in 1992
- $DP_{93}$  = Residential demolition permits issued in 1993

### Methodology for Intercensal State Household Estimates, 1980-90

The methodology used to develop annual State household estimates for July 1, 1981-89, that are consistent with April 1, 1980, and April 1, 1990, census counts is adapted from the methodology used to develop postcensal State household estimates during the 1980's. That method is based on national trends from the Current Population Survey and estimated State trends in the average adult (18 years of age and older) population per household and on estimates of the adult population for States. A full discussion of the methodology for postcensal State household estimates used in the 1980's is presented in Series P25-1010, pp. 12-14 and is necessary background to the following explanation.

In the 1980's, the U.S. Bureau of the Census produced estimates of households based on population estimates and CPS persons-per-household rate results. What differs in the approach for the 1990's is the use of CPS age-specific householder rates and population estimates by age to develop estimates of households. In the future, housing unit estimates also will be used to control the household estimates.

To develop intercensal State household estimates, intercensal estimates of the population 18 years and over (see Current Population Reports, Series P25-1106) were used in conjunction with estimates of the group-quarters population to produce intercensal estimates of the adult-household



population. Intercensal estimates of the adult population per household were developed using census data for States for 1980 and 1990 in conjunction with annual national trends in the adult population per household from the CPS. The intercensal estimates of the adult population in households were then divided by the intercensal estimates of the adult population per household to obtain preliminary intercensal estimates of households. These preliminary intercensal estimates of households then received small pro rata adjustments to make the total for each year equal to the national intercensal household estimate.

The national intercensal household estimates were obtained by adjusting the pattern of annual household change from 1980 to 1990 from the CPS, which was consistent with the 1980 census, to be consistent with the national census count of households in both the 1980 and 1990 censuses.

### ACCURACY OF THE POSTCENSAL ESTIMATES

April 1, 1990, State estimates of population, housing units, and households using current methodologies have been compared to 1990 census tabulations based on special modified age/race editing procedures. What follows are the mean absolute percent errors of these estimates for States, by type of estimate.

Table A. Evaluation of the State Population, Housing, and Household Estimates for April 1, 1990

Estimates type and age group	United States percent error	State mean absolute percent error
<b>Population</b>		
Total .....	0.63	1.55
Ages 15-24 .....	-2.64	3.33
Ages 25-34 .....	1.47	6.85
Ages 35-44 .....	0.30	2.48
Ages 45-54 .....	1.28	2.87
Ages 55-64 .....	1.78	5.29
Ages 65-74 .....	2.02	2.50
Ages 75+ .....	0.01	0.79
<b>Housing Units</b>		
Total .....	0.26	1.75
<b>Households</b>		
Total .....	1.25	1.54
Ages 15-24 .....	-1.75	8.46
Ages 25-34 .....	2.17	5.18
Ages 35-44 .....	1.37	2.30
Ages 45-54 .....	1.78	3.00
Ages 55-64 .....	2.81	5.61
Ages 65-74 .....	1.69	2.25
Ages 75+ .....	-3.10	3.06

Even though the estimation models used were fairly simplistic, the April 1, 1990, estimates of housing units and households performed at a surprising degree of accuracy. When measured against the U.S. April 1, 1990, decennial

census counts, the U.S. April 1, 1990, housing estimates exhibited an error of 240,000 units, or +0.26 percent of the total housing stock. The housing estimate's model appears to provide a rather promising approach. We are continuing to evaluate new data and methods in an effort to increase the predictive capacity of this method.

The household estimation model works well for total households. However, its dependence on the accuracy of the State population estimates by age is a shortcoming. In the future, a modeling process will be developed which links the household estimates to the housing unit estimates. It is hoped that this approach will reduce the level of error for household estimates by age of householder.

### CURRENT POPULATION SURVEY ESTIMATES OF HOUSING AND HOUSEHOLDS

For many years, the U.S. Bureau of the Census has employed current population "estimates" by age to independently control (weight) the final statistics produced from the Current Population Survey. These population "estimates" are actually short-term monthly projections based on current trends in our annual population estimates series. The CPS is sponsored by the Bureau of Labor Statistics, who requires the survey to be controlled to estimates of the civilian noninstitutionalized population for the purpose of estimating labor force characteristics. These estimates are based on residency rules that are not consistent with current decennial census definitions. An example of this inconsistency is that college students in the CPS are not estimated as residents of the locality where they live while at college, but rather, are estimated in the geography of their parent's residence.

CPS statistics of households, housing units, and housing unit vacancy, for example, may vary from other independently produced estimates or census results. This problem is particularly apparent in the early 1990's, where the population controls used in the CPS are 1980 census-based population estimates. Furthermore, publicly released time series data products from the CPS are typically not recontrolled to the latest series of current population estimates.

CPS statistics decline in reliability as geographical detail increases and sample size decreases. Furthermore, the CPS does not apply independent controls for housing statistics. Therefore, CPS national-level rates of household formation have been employed to model subnational estimates of households in concert with the most current estimates of population. Data users will notice disjunctures between CPS household estimates and those provided in this report due to the cumulation of all these factors.

### FUTURE RESEARCH AND PRODUCTION PLANS

The relationship between population and housing is fundamental to the development of accurate statistics of population, housing units, and households. Housing unit

attributes reflect characteristics of the population resident in them. The type of structure, year built, size, number of bedrooms, monetary value, and location attract very specific populations which can be measured and modeled by the structural characteristics of their residence. In relation to total population, housing units provide another unique ability: the capacity to provide possible locations for current or future populations. Once relationships have been developed between the characteristics of housing and the characteristics of population estimates, models can work in concert with survey data to provide a more dynamic modeling process (Batutis and Prevost, 1991).

Central to the present research is the attempt to integrate several independent sources of population and housing information to best utilize the most current statistics available. The integration of multiple data sources and independent models based upon the population and housing relationship serves to inhibit the existence of spurious results.

The modeling and estimation of population, housing, and households is becoming increasingly important to data users. The size and cost of a census operation does not lend itself easily to the production of statistics that meet consumer demands of continuously developed current information. Only through the linkage of estimates and surveys do we have the ability to create timely information on an annual basis. Estimates, in particular, will grow in importance. Statistical models can be developed to generate a wide variety of data for discrete geography that national surveys cannot do by themselves. Therefore, we have developed the following plan for fiscal years (FY) 1994 through 1997:

**FY 1995** Enhance the methodology to create annual estimates of housing units by units in structure (single unit, multiunit, mobile homes and other), for the United States, regions, divisions, States, metropolitan areas, and counties.

**FY 1996** Enhance the methodology to create annual estimates of households by age of householder for the United States, regions, divisions, States, metropolitan areas, and counties. Fully integrate the housing unit and household estimates processes with our population estimation system.

**FY 1997** Research the ability to create a wide variety of subnational and substate population, household, and housing unit characteristics. This process would employ the linkage of national surveys to decennial census information, and estimates of population and housing developed from administrative data series. This operation would be a test of our ability to create and maintain continuous measures of population, household, and housing unit characteristics.

The next decade will be an exciting time for demographers involved in the production of population, housing unit, and household estimates. It is hoped that research such as this will advance more theoretically-based defensible estimates that better meet consumer demand, maximize current resources, and eliminate competing data products.

## DEFINITIONS AND EXPLANATIONS

**Housing Units.** A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall.

The occupants may be a single family, one person living alone, two or more families, or any other group of related or unrelated persons who share living arrangements. For vacant units, the criteria of separateness and direct access are applied to the intended occupants wherever possible.

Both occupied and vacant housing units are included in the housing unit inventory, except that recreational vehicles, boats, vans, tents, railroad cars, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage yards are excluded from the housing unit inventory.

**Group Quarters.** Living quarters of the following types are classified as group quarters and are excluded from the housing unit inventory: Dormitories, bunkhouses, and barracks; quarters in predominantly transient hotels, motels, and the like, except those occupied by persons who consider the hotel their usual place of residence; quarters in institutions, general hospitals, and military installations except those occupied by staff members or resident employees who have separate living arrangements. Furthermore, if living quarters contain 9 or more persons unrelated to the householder or person in charge (a total of 10 unrelated persons), they are classified as group quarters. If the living quarters contain eight or fewer persons unrelated to the householder or person in charge, they are classified as housing units.

**Occupied Housing Units.** A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it. By definition, the number of occupied housing units is equivalent to the number of households or householders.

**Tenure.** All occupied housing units are classified as either owner occupied or renter occupied.

**Owner Occupied.** A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. The owner or co-owner must live in the unit.

**Renter Occupied.** All occupied housing units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied.

**Vacant Housing Units.** A housing unit is classified as vacant if no one is living in it, unless its occupants are only temporarily absent. New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; that is, the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence that the unit is condemned or is to be demolished. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Household.** A household includes all the persons who occupy a housing unit. The occupants may be a single family, one person living alone, two or more families, or any other group of related or unrelated persons who share living arrangements, except where there are nine or more persons unrelated to the householder (see Group Quarters).

**Persons per Household.** A measure obtained by dividing the number of persons in households by the number of households.

**Householder.** The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is jointly owned by a married couple, either the husband or wife may be listed first, thereby becoming the reference person, or householder, to whom the relationship of the other household members is recorded. One person in each household is designated as the householder.

**Mobile Homes.** Mobile home statistics used in the housing unit estimation process are produced by the National Conference of States on Building Codes and Standards. In this series, a mobile home is defined as a moveable dwelling, 8 feet or more wide and 40 feet or more long, designed to be towed on its own chassis, with transportation gear integral to the unit when it leaves the factory, and without need of a permanent foundation. These mobile homes include multiwides, which are counted as single

units. Excluded are travel trailers, motor homes, and modular housing. The shipment figures are based on reports submitted by manufacturers on the number of mobile homes actually shipped during the survey month. Shipments to dealers may not be placed for residential uses in the same month as they are shipped. The number of mobile homes used for residential purposes has been estimated at 98 percent.

**Building and Demolition Permits.** Statistics on building and demolition permits for privately owned housing units are based upon reports submitted to the U.S. Bureau of the Census by 17,000 local building permit officials in response to mail surveys. When a report is not received, missing data are either (1) obtained from the Survey of Use of Permits (SUP) which is used to collect information on housing starts, or (2) imputed. Data from the SUP are available only for about 850 places for which the Census Bureau interviewers list and sample the permits that authorized construction of new residential structures. For places not in the SUP, imputations are used. Imputations for building permits are based on the assumption that the ratio of current month authorizations to those of a year ago should be the same for reporting and nonreporting places. Imputations for annual demolition permits occur only if a permit issuing jurisdiction does not report. Demolition permits are then imputed from the prior-year's total.

Change to the residential housing stock as measured by building and demolition permit records is limited since these records do not reflect construction or demolition activity outside of areas subject to local permit requirements. For the nation as a whole, approximately 5 percent of all privately owned housing units are constructed in areas not requiring building permits. However, this proportion varies greatly from State to State. Therefore, coverage adjustment factors have been developed to compensate for the lack of complete geographic coverage.

## 1990 CENSUS MODIFICATIONS AND CORRECTIONS

The 1990 census data used to develop these estimates were created by special age and race edits, commonly referred to as MARS (modified age, race, sex tabulations). These edit procedures not only affected the characteristics of the population, but also had a minor impact on the counts of housing units, households, and population living in group quarters (see Census Population and Housing Listings No. 74).

Corrections to the 1990 census counts for census errata were not used to calculate the postcensal population, housing unit, and household estimates in this report. Corrections for census errata will be employed to calculate postcensal estimates in subsequent reports. Adjustments for census coverage errors in population and housing units were not employed in the development of these estimates.

## ROUNDING OF ESTIMATES

The household, household population, and housing unit estimates in the tables have been rounded to the nearest thousand without being adjusted to group totals, which are independently rounded.

## REFERENCES AND SUGGESTED READINGS

Batutis, Michael J. and Ronald C. Prevost

- 1991 "Computers, Database Structure and Population Estimates Methodology: Directions for the Coming Decade." A paper presented at the annual meeting of the Population Association of America, Washington, DC

Myers, Dowell

- 1990 *Housing Demography: Linking Demographic Structure and Housing Markets*. Madison Wisconsin: University of Wisconsin Press

Schwanz, Dennis

- 1986 "AHS-National Mobile Home Adjustment." An internal U.S. Bureau of the Census Memorandum, May 15, 1986

U.S. Bureau of the Census

- 1994 U.S. Department of Commerce News, CB94-43, *Census Advisory: Updated National/State Population Estimates, March 15, 1994*. Washington DC 20230
- 1993 Current Construction Reports, Series C40-92A, *Housing Units Authorized by Building Permits: Annual 1992*. Washington DC: U.S. Government Printing Office

U.S. Bureau of the Census

- 1992 Current Population Reports, Series P25-1106, *State Population Estimates by Age and Sex: 1980 to 1992*, Washington DC: U.S. Government Printing Office
- 1991 Census Population and Housing Listings CPHL-74, *Age, Sex, Race and Hispanic Origin Information From the 1990 Census: A Comparison of Census Results With Results Where Age and Race Have Been Modified*. Washington DC: U.S. Bureau of the Census
- 1991 Current Construction Reports, Series C22-9107, *Housing Completions: July 1991*. Washington DC: U.S. Government Printing Office
- 1991 Current Construction Reports, Series C20-9103, *Housing Starts: March 1991*. Washington DC: U.S. Government Printing Office
- 1990 Current Population Reports, Series P25-1058, *State Population and Household Estimates: July 1, 1989*. Washington DC: U.S. Government Printing Office
- 1988 Current Population Reports, Series P23-156, *Estimates of Households for Counties: July 1, 1985*. Washington DC: U.S. Government Printing Office
- 1987 Current Population Reports, Series P25-1010, *State Population and Household Estimates, With Age, Sex, and Components of Change: 1981-1986*. Washington DC: U.S. Government Printing Office
- 1984 Current Population Reports, Series P25-957, *Estimates of the Population of States: 1970 to 1983*. Washington DC: U.S. Government Printing Office

Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>UNITED STATES</b>						
Persons in household	242 012	245 429	248 391	251 222	9 210	3.8
Persons per household	2.93	2.84	2.83	2.84	0.01	(X)
Total households	91 947	92 895	94 401	95 133	3 186	3.5
Total households with:						
Householder aged 15-24	5 049	4 781	4 824	4 997	-52	-1.0
Householder aged 25-34	19 850	19 731	19 389	19 181	-668	-3.4
Householder aged 35-44	20 393	21 242	21 554	21 541	1 148	5.6
Householder aged 45-54	14 303	14 822	15 600	16 501	2 197	15.4
Householder aged 55-64	12 379	12 209	12 337	12 142	-237	-1.9
Householder aged 65+	19 973	20 310	20 698	20 771	798	4.0
<b>NORTHEAST</b>						
Persons in households	49 299	49 460	49 624	49 858	559	1.1
Persons per household	2.61	2.62	2.61	2.61	-	(X)
Total households	18 873	18 890	19 049	19 069	196	1.0
Total households with:						
Householder aged 15-24	798	737	728	741	-55	-6.9
Householder aged 25-34	3 805	3 748	3 654	3 593	-212	-5.6
Householder aged 35-44	4 121	4 245	4 284	4 237	115	2.8
Householder aged 45-54	3 005	3 051	3 237	3 410	405	13.5
Householder aged 55-64	2 723	2 651	2 649	2 579	-144	-5.3
Householder aged 65+	4 423	4 458	4 517	4 509	86	2.0
<b>MIDWEST</b>						
Persons in households	58 070	58 583	59 042	59 473	1 403	2.4
Persons per household	2.80	2.81	2.80	2.81	0.01	(X)
Total households	22 317	22 464	22 748	22 827	510	2.3
Total households with:						
Householder aged 15-24	1 242	1 178	1 191	1 236	-6	-0.5
Householder aged 25-34	4 802	4 729	4 613	4 531	-271	-5.6
Householder aged 35-44	4 850	5 054	5 120	5 101	251	5.2
Householder aged 45-54	3 397	3 455	3 673	3 868	471	13.9
Householder aged 55-64	3 021	2 971	2 992	2 932	-89	-2.9
Householder aged 65+	5 005	5 076	5 157	5 159	154	3.1
<b>SOUTH</b>						
Persons in households	83 152	84 633	85 903	87 157	4 005	4.8
Persons per household	2.61	2.62	2.61	2.62	0.01	(X)
Total households	31 822	32 282	32 895	33 262	1 439	4.5
Total households with:						
Householder aged 15-24	1 870	1 779	1 803	1 877	6	0.3
Householder aged 25-34	6 894	6 883	6 784	6 734	-159	-2.3
Householder aged 35-44	6 920	7 235	7 358	7 376	455	6.6
Householder aged 45-54	4 829	5 056	5 401	5 726	796	16.2
Householder aged 55-64	4 288	4 264	4 331	4 288	-	-
Householder aged 65+	6 921	7 084	7 217	7 261	341	4.9
<b>WEST</b>						
Persons in households	51 491	52 753	53 822	54 734	3 243	6.3
Persons per household	2.72	2.74	2.73	2.74	0.02	(X)
Total households	18 935	19 259	19 710	19 976	1 040	5.5
Total households with:						
Householder aged 15-24	1 141	1 086	1 101	1 145	3	0.3
Householder aged 25-34	4 349	4 370	4 338	4 323	-26	-0.6
Householder aged 35-44	4 501	4 709	4 812	4 827	326	7.2
Householder aged 45-54	2 972	3 058	3 289	3 497	525	17.7
Householder aged 55-64	2 347	2 323	2 365	2 343	-4	-0.2
Householder aged 65+	3 625	3 713	3 805	3 841	217	6.0
<b>ALABAMA</b>						
Persons in households	3 948	3 997	4 043	4 093	144	3.7
Persons per household	2.62	2.63	2.61	2.62	-	(X)
Total households	1 507	1 521	1 549	1 565	58	3.9
Total households with:						
Householder aged 15-24	89	84	86	90	2	2.2
Householder aged 25-34	303	301	297	297	-6	-2.0
Householder aged 35-44	315	328	334	335	20	6.4
Householder aged 45-54	235	239	254	268	32	13.7
Householder aged 55-64	217	215	218	218	-1	-0.5
Householder aged 65+	349	353	360	360	11	3.2
<b>ALASKA</b>						
Persons in households	529	549	569	580	51	9.6
Persons per household	2.80	2.82	2.81	2.81	0.01	(X)
Total households	189	195	202	206	17	9.1
Total households with:						
Householder aged 15-24	14	13	14	15	1	7.7
Householder aged 25-34	58	53	52	51	-3	-5.1
Householder aged 35-44	58	61	64	64	6	10.7
Householder aged 45-54	32	34	37	40	8	25.8
Householder aged 55-64	18	19	20	20	2	12.2
Householder aged 65+	14	15	16	16	2	16.5
<b>ARIZONA</b>						
Persons in households	3 585	3 666	3 752	3 858	271	7.6
Persons per household	2.62	2.63	2.63	2.63	0.01	(X)
Total households	1 369	1 392	1 429	1 467	98	7.2
Total households with:						
Householder aged 15-24	95	90	92	97	2	1.8
Householder aged 25-34	305	305	303	305	-	-0.1
Householder aged 35-44	292	305	313	319	27	9.1
Householder aged 45-54	200	204	219	235	35	17.5
Householder aged 55-64	173	173	178	180	7	3.8
Householder aged 65+	303	314	325	331	29	9.5

See footnotes at end of table.

Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993—Con.

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>ARKANSAS</b>						
Persons in households	2 292	2 312	2 336	2 366	73	3.2
Persons per household	2.57	2.58	2.57	2.58	0.01	(X)
Total households	891	896	909	916	25	2.8
Total households with:						
Householder aged 15-24	51	49	51	53	2	4.4
Householder aged 25-34	172	170	166	164	-8	-4.6
Householder aged 35-44	177	183	185	184	8	4.3
Householder aged 45-54	136	138	146	154	18	13.6
Householder aged 55-64	125	123	125	123	-1	-1.0
Householder aged 65+	231	233	237	237	6	2.6
<b>CALIFORNIA</b>						
Persons in households	29 008	29 638	30 129	30 445	1 437	5.0
Persons per household	2.79	2.82	2.81	2.82	0.03	(X)
Total households	10 381	10 507	10 707	10 779	398	3.8
Total households with:						
Householder aged 15-24	592	554	550	559	-34	-5.7
Householder aged 25-34	2 432	2 449	2 432	2 414	-18	-0.7
Householder aged 35-44	2 472	2 569	2 617	2 611	139	5.6
Householder aged 45-54	1 653	1 690	1 807	1 903	251	15.2
Householder aged 55-64	1 292	1 271	1 288	1 267	-25	-1.9
Householder aged 65+	1 940	1 973	2 014	2 025	85	4.4
<b>COLORADO</b>						
Persons in households	3 215	3 289	3 384	3 486	271	8.4
Persons per household	2.51	2.51	2.51	2.52	0.01	(X)
Total households	1 282	1 308	1 350	1 385	103	8.0
Total households with:						
Householder aged 15-24	84	81	84	89	5	5.8
Householder aged 25-34	311	309	306	305	-6	-1.8
Householder aged 35-44	326	343	355	360	34	10.4
Householder aged 45-54	198	205	225	245	48	24.1
Householder aged 55-64	150	150	155	157	6	4.1
Householder aged 65+	213	220	226	229	16	7.5
<b>CONNECTICUT</b>						
Persons in households	3 186	3 190	3 182	3 180	-6	-0.2
Persons per household	2.59	2.59	2.58	2.58	-0.01	(X)
Total households	1 230	1 231	1 235	1 231	-	-
Total households with:						
Householder aged 15-24	52	47	46	46	-6	-11.8
Householder aged 25-34	258	252	243	236	-22	-8.4
Householder aged 35-44	272	280	279	276	4	1.5
Householder aged 45-54	201	205	217	228	27	13.3
Householder aged 55-64	172	167	166	162	-10	-6.0
Householder aged 65+	276	279	283	283	7	2.6
<b>DELAWARE</b>						
Persons in households	646	661	671	680	34	5.3
Persons per household	2.61	2.61	2.60	2.61	-	(X)
Total households	247	253	258	261	13	5.4
Total households with:						
Householder aged 15-24	14	13	13	13	-	-3.4
Householder aged 25-34	56	56	56	55	-	-0.6
Householder aged 35-44	54	56	57	57	4	7.3
Householder aged 45-54	38	40	43	45	7	17.7
Householder aged 55-64	35	35	36	35	-	-0.1
Householder aged 65+	51	52	54	54	3	6.7
<b>DISTRICT OF COLUMBIA</b>						
Persons in households	565	553	544	537	-28	-4.9
Persons per household	2.26	2.27	2.24	2.24	-0.02	(X)
Total households	250	244	243	240	-9	-3.7
Total households with:						
Householder aged 15-24	15	13	13	12	-3	-20.6
Householder aged 25-34	56	55	54	53	-2	-4.4
Householder aged 35-44	54	54	53	52	-2	-4.6
Householder aged 45-54	39	38	40	41	2	6.0
Householder aged 55-64	33	31	31	30	-2	-7.5
Householder aged 65+	53	52	52	51	-1	-2.1
<b>FLORIDA</b>						
Persons in households	12 630	12 970	13 181	13 377	746	5.9
Persons per household	2.46	2.48	2.47	2.49	0.03	(X)
Total households	5 135	5 235	5 328	5 381	246	4.8
Total households with:						
Householder aged 15-24	258	244	246	254	-5	-1.8
Householder aged 25-34	977	976	953	936	-40	-4.1
Householder aged 35-44	977	1 028	1 044	1 049	72	7.3
Householder aged 45-54	726	750	797	845	8	16.4
Householder aged 55-64	718	721	732	728	7	1.0
Householder aged 65+	1 479	1 516	1 556	1 572	93	6.3
<b>GEORGIA</b>						
Persons in households	6 305	6 454	6 594	6 737	433	6.9
Persons per household	2.68	2.67	2.65	2.66	-	(X)
Total households	2 367	2 419	2 487	2 535	169	7.1
Total households with:						
Householder aged 15-24	150	142	145	151	2	1.2
Householder aged 25-34	556	561	559	560	4	0.7
Householder aged 35-44	556	583	596	600	44	7.9
Householder aged 45-54	385	400	434	467	82	21.4
Householder aged 55-64	298	301	311	313	15	4.9
Householder aged 65+	422	432	441	445	22	5.2

See footnotes at end of table.

Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993—Con.

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>HAWAII</b>						
Persons in households	1 071	1 095	1 116	1 132	62	5.8
Persons per household	3.01	2.99	2.98	2.99	-0.02	(X)
Total households	356	366	375	379	23	6.4
Total households with:						
Householder aged 15-24	16	16	16	16	-	-0.6
Householder aged 25-34	72	73	72	71	-2	-2.3
Householder aged 35-44	88	92	94	94	6	6.8
Householder aged 45-54	58	61	67	71	13	22.8
Householder aged 55-64	50	50	51	50	-	-0.6
Householder aged 65+	72	74	77	78	6	8.2
<b>IDAHO</b>						
Persons in households	985	1 016	1 044	1 077	92	9.3
Persons per household	2.73	2.75	2.74	2.75	0.02	(X)
Total households	361	370	382	392	31	8.0
Total households with:						
Householder aged 15-24	24	24	26	26	4	18.2
Householder aged 25-34	75	75	74	74	-1	-1.7
Householder aged 35-44	82	88	91	93	10	12.7
Householder aged 45-54	56	58	62	67	11	20.3
Householder aged 55-64	45	45	46	46	1	3.3
Householder aged 65+	78	81	83	83	5	6.2
<b>ILLINOIS</b>						
Persons in households	11 144	11 238	11 327	11 412	268	2.4
Persons per household	2.65	2.66	2.65	2.66	0.01	(X)
Total households	4 202	4 226	4 277	4 290	88	2.1
Total households with:						
Householder aged 15-24	207	195	195	201	-8	-3.0
Householder aged 25-34	914	906	897	873	-41	-4.5
Householder aged 35-44	923	959	971	968	46	4.9
Householder aged 45-54	662	672	712	748	86	13.1
Householder aged 55-64	574	564	568	558	-16	-2.6
Householder aged 65+	922	930	942	940	18	2.0
<b>INDIANA</b>						
Persons in households	5 382	5 445	5 497	5 551	169	3.1
Persons per household	2.61	2.61	2.59	2.59	-0.02	(X)
Total households	2 065	2 087	2 121	2 139	74	3.6
Total households with:						
Householder aged 15-24	118	113	115	120	2	1.6
Householder aged 25-34	441	436	428	424	-16	-3.7
Householder aged 35-44	448	468	475	475	27	5.9
Householder aged 45-54	322	329	351	371	49	15.1
Householder aged 55-64	283	280	283	280	-3	-1.2
Householder aged 65+	452	460	468	469	17	3.6
<b>IOWA</b>						
Persons in households	2 677	2 691	2 704	2 715	38	1.4
Persons per household	2.52	2.53	2.52	2.53	0.01	(X)
Total households	1 064	1 065	1 073	1 074	10	0.9
Total households with:						
Householder aged 15-24	84	81	83	85	1	1.9
Householder aged 25-34	214	209	203	200	-14	-6.5
Householder aged 35-44	217	226	227	226	8	3.8
Householder aged 45-54	152	157	160	168	17	10.9
Householder aged 55-64	143	140	140	137	-6	-4.5
Householder aged 65+	274	277	280	278	4	1.5
<b>KANSAS</b>						
Persons in households	2 395	2 409	2 433	2 449	54	2.3
Persons per household	2.53	2.55	2.54	2.55	0.02	(X)
Total households	945	945	959	961	16	1.7
Total households with:						
Householder aged 15-24	82	59	60	63	1	1.6
Householder aged 25-34	207	202	196	192	-15	-7.2
Householder aged 35-44	200	208	212	212	12	5.8
Householder aged 45-54	133	135	144	152	19	14.3
Householder aged 55-64	121	118	119	116	-5	-4.4
Householder aged 65+	221	224	227	226	5	2.1
<b>KENTUCKY</b>						
Persons in households	3 584	3 614	3 657	3 692	108	3.0
Persons per household	2.60	2.60	2.59	2.60	-	(X)
Total households	1 380	1 389	1 411	1 420	40	2.9
Total households with:						
Householder aged 15-24	78	75	76	80	2	2.4
Householder aged 25-34	287	284	279	275	-12	-4.3
Householder aged 35-44	296	307	311	309	13	4.5
Householder aged 45-54	214	219	233	246	32	14.8
Householder aged 55-64	192	190	193	191	-2	-1.0
Householder aged 65+	311	315	319	319	7	2.3
<b>LOUISIANA</b>						
Persons in households	4 107	4 131	4 166	4 182	75	1.8
Persons per household	2.74	2.74	2.73	2.74	-	(X)
Total households	1 499	1 507	1 528	1 528	30	2.0
Total households with:						
Householder aged 15-24	89	85	87	90	1	0.8
Householder aged 25-34	328	324	318	313	-15	-4.5
Householder aged 35-44	333	346	352	350	17	6.2
Householder aged 45-54	233	235	249	250	27	11.7
Householder aged 55-64	207	202	203	197	-10	-4.7
Householder aged 65+	310	314	319	319	9	2.9

See footnotes at end of table.

4 STATE HOUSING UNIT AND HOUSEHOLD ESTIMATES

CURRENT POPULATION REPORTS

Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993—Con.

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>MAINE</b>						
Persons in households	1 191	1 199	1 200	1 203	12	1.0
Persons per household	2.56	2.55	2.54	2.55	-0.01	(X)
Total households	465	470	473	472	7	1.5
Total households with:						
Householder aged 15-24	25	24	24	25	-	-1.3
Householder aged 25-34	98	97	93	90	-8	-8.3
Householder aged 35-44	105	110	110	109	3	3.1
Householder aged 45-54	70	72	76	81	11	15.7
Householder aged 55-64	63	62	62	61	-2	-3.7
Householder aged 65+	104	105	107	107	3	3.2
<b>MARYLAND</b>						
Persons in households	4 668	4 749	4 804	4 852	184	3.9
Persons per household	2.67	2.67	2.66	2.66	-0.01	(X)
Total households	1 749	1 777	1 807	1 822	73	4.2
Total households with:						
Householder aged 15-24	80	75	74	75	-5	-6.7
Householder aged 25-34	397	397	390	384	-12	-3.1
Householder aged 35-44	417	435	440	439	22	2.0
Householder aged 45-54	298	308	330	350	52	17.4
Householder aged 55-64	234	233	236	234	-	0.2
Householder aged 65+	323	330	337	339	16	5.1
<b>MASSACHUSETTS</b>						
Persons in households	5 802	5 781	5 779	5 789	-3	-0.1
Persons per household	2.58	2.58	2.56	2.57	-0.01	(X)
Total households	2 247	2 239	2 254	2 258	11	0.5
Total households with:						
Householder aged 15-24	109	98	95	95	-13	-12.4
Householder aged 25-34	483	476	465	460	-23	-4.8
Householder aged 35-44	495	508	508	503	8	1.6
Householder aged 45-54	342	348	369	391	60	14.6
Householder aged 55-64	301	291	289	282	-20	-6.6
Householder aged 65+	517	522	528	527	10	1.8
<b>MICHIGAN</b>						
Persons in households	9 084	9 164	9 223	9 267	184	2.0
Persons per household	2.66	2.66	2.65	2.65	-0.01	(X)
Total households	3 419	3 446	3 486	3 497	78	2.3
Total households with:						
Householder aged 15-24	186	178	176	182	-4	-2.2
Householder aged 25-34	734	723	703	691	2	-0.0
Householder aged 35-44	772	804	812	806	34	4.4
Householder aged 45-54	540	551	586	617	77	14.2
Householder aged 55-64	468	459	460	449	-19	-4.0
Householder aged 65+	719	734	749	752	33	4.7
<b>MINNESOTA</b>						
Persons in households	4 257	4 309	4 352	4 401	144	3.4
Persons per household	2.58	2.59	2.58	2.59	0.01	(X)
Total households	1 648	1 664	1 687	1 697	49	3.0
Total households with:						
Householder aged 15-24	97	92	93	97	-	-0.4
Householder aged 25-34	386	380	370	361	-24	-6.3
Householder aged 35-44	371	389	398	397	26	7.0
Householder aged 45-54	242	249	285	281	2	15.9
Householder aged 55-64	200	198	201	199	-1	-0.7
Householder aged 65+	351	356	382	362	11	3.0
<b>MISSISSIPPI</b>						
Persons in households	2 503	2 521	2 543	2 570	67	2.7
Persons per household	2.75	2.75	2.73	2.75	-	(X)
Total households	911	916	930	934	23	2.5
Total households with:						
Householder aged 15-24	50	48	49	52	2	3.9
Householder aged 25-34	188	183	180	178	-8	-4.4
Householder aged 35-44	190	197	201	200	10	5.4
Householder aged 45-54	140	142	150	158	17	12.3
Householder aged 55-64	129	128	129	127	-2	-1.3
Householder aged 65+	217	218	221	220	3	1.5
<b>MISSOURI</b>						
Persons in households	4 972	5 012	5 045	5 088	116	2.3
Persons per household	2.54	2.55	2.54	2.55	0.01	(X)
Total households	1 961	1 966	1 988	1 996	35	1.8
Total households with:						
Householder aged 15-24	108	102	103	108	-	0.4
Householder aged 25-34	416	407	397	389	-26	-6.3
Householder aged 35-44	404	419	425	425	21	5.2
Householder aged 45-54	298	300	317	334	37	12.7
Householder aged 55-64	270	284	286	261	-9	-3.2
Householder aged 65+	468	473	480	479	11	2.4
<b>MONTANA</b>						
Persons in households	775	784	798	815	40	5.1
Persons per household	2.63	2.54	2.52	2.55	0.02	(X)
Total households	308	309	316	320	14	6.0
Total households with:						
Householder aged 15-24	17	17	18	20	2	12.3
Householder aged 25-34	61	59	57	58	-5	-8.3
Householder aged 35-44	71	74	76	78	5	6.7
Householder aged 45-54	47	48	52	55	8	17.1
Householder aged 55-64	40	40	41	40	-	0.5
Householder aged 65+	70	71	73	73	3	5.0

See footnotes at end of table.



Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993—Con.

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>NEBRASKA</b>						
Persons in households .....	1 531	1 543	1 553	1 560	29	1.9
Persons per household .....	2.54	2.55	2.55	2.56	0.02	(X)
Total households .....	602	604	609	610	7	1.2
Total households with:						
Householder aged 15-24 .....	38	37	38	39	1	3.3
Householder aged 25-34 .....	131	128	124	121	-10	-7.9
Householder aged 35-44 .....	127	132	134	133	6	4.5
Householder aged 45-54 .....	84	85	90	95	11	13.1
Householder aged 55-64 .....	78	77	77	75	-3	-3.4
Householder aged 65+ .....	145	146	148	147	2	1.7
<b>NEVADA</b>						
Persons in households .....	1 178	1 263	1 312	1 364	187	15.9
Persons per household .....	2.53	2.55	2.63	2.64	0.01	(X)
Total households .....	468	496	517	537	70	15.1
Total households with:						
Householder aged 15-24 .....	29	29	29	31	1	4.9
Householder aged 25-34 .....	107	115	118	122	16	14.8
Householder aged 35-44 .....	107	115	119	121	15	13.6
Householder aged 45-54 .....	79	83	90	96	18	22.4
Householder aged 55-64 .....	64	66	69	70	6	8.0
Householder aged 65+ .....	81	87	92	97	16	19.9
<b>NEW HAMPSHIRE</b>						
Persons in households .....	1 077	1 076	1 083	1 093	16	1.5
Persons per household .....	2.62	2.61	2.60	2.61	-0.01	(X)
Total households .....	411	412	417	420	8	2.0
Total households with:						
Householder aged 15-24 .....	22	20	20	21	-1	-5.4
Householder aged 25-34 .....	87	85	82	80	-8	-7.9
Householder aged 35-44 .....	100	103	104	103	3	3.3
Householder aged 45-54 .....	84	85	70	75	11	17.6
Householder aged 55-64 .....	51	50	50	49	-2	-4.0
Householder aged 65+ .....	77	79	81	82	5	6.2
<b>NEW JERSEY</b>						
Persons in households .....	7 559	7 602	7 653	7 712	153	2.0
Persons per household .....	2.70	2.71	2.70	2.71	0.01	(X)
Total households .....	2 795	2 806	2 839	2 849	54	1.9
Total households with:						
Householder aged 15-24 .....	89	82	81	83	-6	-7.2
Householder aged 25-34 .....	556	548	535	525	-31	-5.6
Householder aged 35-44 .....	623	643	649	647	24	3.9
Householder aged 45-54 .....	470	479	510	537	67	14.2
Householder aged 55-64 .....	415	405	407	398	-17	-4.1
Householder aged 65+ .....	641	648	658	659	18	2.8
<b>NEW MEXICO</b>						
Persons in households .....	1 486	1 518	1 553	1 588	102	6.8
Persons per household .....	2.74	2.75	2.74	2.75	0.01	(X)
Total households .....	543	552	567	577	34	6.3
Total households with:						
Householder aged 15-24 .....	32	31	32	34	2	6.6
Householder aged 25-34 .....	121	121	115	115	-5	-4.2
Householder aged 35-44 .....	128	133	136	138	10	9.2
Householder aged 45-54 .....	85	87	93	100	15	17.7
Householder aged 55-64 .....	72	72	74	74	2	2.8
Householder aged 65+ .....	106	110	113	115	8	7.9
<b>NEW YORK</b>						
Persons in households .....	17 445	17 500	17 565	17 653	207	1.2
Persons per household .....	2.63	2.63	2.63	2.64	0.01	(X)
Total households .....	6 639	6 629	6 683	6 691	52	0.8
Total households with:						
Householder aged 15-24 .....	274	254	251	256	-19	8.0
Householder aged 25-34 .....	1 338	1 325	1 298	1 283	-55	-4.1
Householder aged 35-44 .....	1 465	1 500	1 505	1 495	29	2.0
Householder aged 45-54 .....	1 095	1 107	1 169	1 229	134	12.2
Householder aged 55-64 .....	968	947	950	930	-38	-3.9
Householder aged 65+ .....	1 498	1 496	1 509	1 499	1	0.1
<b>NORTH CAROLINA</b>						
Persons in households .....	6 404	6 524	6 619	6 728	324	5.1
Persons per household .....	2.54	2.55	2.54	2.55	0.01	(X)
Total households .....	2 517	2 556	2 601	2 637	120	4.6
Total households with:						
Householder aged 15-24 .....	157	149	150	155	-3	-1.8
Householder aged 25-34 .....	547	547	540	540	-7	-1.4
Householder aged 35-44 .....	548	571	577	577	29	5.3
Householder aged 45-54 .....	395	405	432	459	64	16.3
Householder aged 55-64 .....	347	347	352	350	3	0.8
Householder aged 65+ .....	523	537	551	557	34	6.6
<b>NORTH DAKOTA</b>						
Persons in households .....	615	609	610	611	-4	-0.6
Persons per household .....	2.55	2.55	2.53	2.54	-0.01	(X)
Total households .....	241	239	241	240	-1	-0.2
Total households with:						
Householder aged 15-24 .....	17	16	16	17	-	0.1
Householder aged 25-34 .....	53	51	49	48	-5	-9.5
Householder aged 35-44 .....	50	52	53	52	2	4.9
Householder aged 45-54 .....	31	31	33	34	3	9.3
Householder aged 55-64 .....	31	29	29	28	-2	-7.6
Householder aged 65+ .....	59	60	61	60	1	2.4

See footnotes at end of table.

Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993—Con.

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>OHIO</b>						
Persons in households	10 686	10 675	10 755	10 825	240	2.3
Persons per household	2.59	2.59	2.57	2.59	-	(X)
Total households	4 088	4 122	4 177	4 185	97	2.4
Total households with:						
Householder aged 15-24	223	211	214	221	-2	-1.0
Householder aged 25-34	856	844	823	806	-50	-5.8
Householder aged 35-44	886	924	935	927	41	4.6
Householder aged 45-54	632	644	688	721	88	14.0
Householder aged 55-64	581	571	575	532	-19	-3.2
Householder aged 65+	910	928	945	948	38	4.2
<b>OKLAHOMA</b>						
Persons in households	3 052	3 074	3 110	3 136	85	2.8
Persons per household	2.53	2.54	2.54	2.57	0.03	(X)
Total households	1 206	1 209	1 225	1 227	21	1.7
Total households with:						
Householder aged 15-24	78	75	78	82	3	4.4
Householder aged 25-34	252	247	242	237	-15	-6.0
Householder aged 35-44	249	259	262	261	12	5.0
Householder aged 45-54	182	184	184	202	20	10.8
Householder aged 55-64	164	160	161	157	-7	-4.5
Householder aged 65+	280	284	288	288	8	2.7
<b>OREGON</b>						
Persons in households	2 776	2 852	2 906	2 987	190	6.9
Persons per household	2.52	2.53	2.52	2.54	0.02	(X)
Total households	1 103	1 127	1 151	1 170	68	6.0
Total households with:						
Householder aged 15-24	65	64	66	70	5	7.5
Householder aged 25-34	217	218	215	216	-2	-0.8
Householder aged 35-44	253	276	279	278	16	5.6
Householder aged 45-54	170	177	192	206	36	21.4
Householder aged 55-64	137	134	135	134	-3	-2.1
Householder aged 65+	251	258	264	266	16	6.0
<b>PENNSYLVANIA</b>						
Persons in households	11 533	11 600	11 649	11 701	168	1.5
Persons per household	2.57	2.57	2.56	2.57	-	(X)
Total households	4 496	4 514	4 556	4 556	60	1.3
Total households with:						
Householder aged 15-24	192	181	181	185	-7	-3.6
Householder aged 25-34	852	838	811	796	-56	-6.6
Householder aged 35-44	930	968	976	970	40	4.3
Householder aged 45-54	675	686	729	768	92	13.7
Householder aged 55-64	674	652	648	625	-48	-7.2
Householder aged 65+	1 173	1 191	1 210	1 212	39	3.3
<b>RHODE ISLAND</b>						
Persons in households	965	965	964	963	-2	-0.2
Persons per household	2.55	2.56	2.55	2.56	0.01	(X)
Total households	378	377	377	376	-2	-0.6
Total households with:						
Householder aged 15-24	19	18	17	17	-2	-9.9
Householder aged 25-34	77	76	73	72	-6	-7.2
Householder aged 35-44	80	82	82	82	2	2.2
Householder aged 45-54	55	56	59	62	7	13.5
Householder aged 55-64	52	50	49	47	-5	-10.5
Householder aged 65+	94	95	96	96	2	1.7
<b>SOUTH CAROLINA</b>						
Persons in households	3 370	3 443	3 490	3 529	159	4.7
Persons per household	2.68	2.68	2.67	2.67	-0.01	(X)
Total households	1 258	1 283	1 307	1 321	63	5.0
Total households with:						
Householder aged 15-24	72	70	70	73	-	0.6
Householder aged 25-34	270	272	268	268	-5	-1.7
Householder aged 35-44	281	294	287	298	15	5.5
Householder aged 45-54	201	207	221	235	34	16.9
Householder aged 55-64	174	174	177	175	1	0.7
Householder aged 65+	260	266	273	276	16	6.3
<b>SOUTH DAKOTA</b>						
Persons in households	670	676	683	680	20	2.9
Persons per household	2.59	2.60	2.60	2.62	0.03	(X)
Total households	259	260	263	263	4	1.5
Total households with:						
Householder aged 15-24	17	16	17	18	1	5.6
Householder aged 25-34	55	53	51	50	-5	-9.2
Householder aged 35-44	53	55	57	56	4	7.3
Householder aged 45-54	34	35	37	39	4	12.3
Householder aged 55-64	34	33	34	33	-2	-4.4
Householder aged 65+	67	67	68	68	1	2.2
<b>TENNESSEE</b>						
Persons in households	4 748	4 823	4 896	4 970	222	4.7
Persons per household	2.56	2.56	2.55	2.57	0.01	(X)
Total households	1 854	1 881	1 917	1 938	84	4.5
Total households with:						
Householder aged 15-24	106	101	103	107	1	1.2
Householder aged 25-34	385	385	379	377	-7	-1.8
Householder aged 35-44	403	421	426	425	22	5.4
Householder aged 45-54	298	305	326	348	48	16.1
Householder aged 55-64	258	257	262	261	3	1.2
Householder aged 65+	405	412	420	421	17	4.2

See footnotes at end of table.

Table 1. Estimates of Households for States: July 1, 1991, to July 1, 1993—Con.

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>TEXAS</b>						
Persons in households	16 593	16 959	17 290	17 638	1 045	6.3
Persons per household	2.73	2.75	2.74	2.75	0.02	(X)
Total households	6 071	6 175	6 315	6 420	350	5.8
Total households with:						
Householder aged 15-24	416	398	406	425	9	2.2
Householder aged 25-34	1 476	1 482	1 468	1 466	-10	-0.7
Householder aged 35-44	1 391	1 485	1 504	1 525	134	9.6
Householder aged 45-54	926	950	1 018	1 082	156	16.8
Householder aged 55-64	757	749	780	753	-4	-0.6
Householder aged 65+	1 104	1 131	1 189	1 169	65	5.9
<b>UTAH</b>						
Persons in households	1 694	1 738	1 782	1 830	136	8.0
Persons per household	3.15	3.16	3.15	3.15	-	(X)
Total households	537	549	568	582	44	8.3
Total households with:						
Householder aged 15-24	43	43	48	50	7	16.8
Householder aged 25-34	134	135	135	137	4	2.8
Householder aged 35-44	124	130	134	136	11	9.2
Householder aged 45-54	78	80	85	91	13	16.8
Householder aged 55-64	62	61	62	62	-	0.3
Householder aged 65+	97	100	104	105	9	9.0
<b>VERMONT</b>						
Persons in households	541	546	550	554	13	2.4
Persons per household	2.57	2.57	2.55	2.56	-0.01	(X)
Total households	211	212	215	217	6	2.9
Total households with:						
Householder aged 15-24	13	12	12	13	-	0.1
Householder aged 25-34	46	45	44	43	-3	-6.3
Householder aged 35-44	51	53	53	53	2	3.8
Householder aged 45-54	33	34	36	39	6	18.8
Householder aged 55-64	26	26	26	26	-1	-2.3
Householder aged 65+	42	43	44	44	2	3.8
<b>VIRGINIA</b>						
Persons in households	5 978	6 084	6 188	6 284	306	5.1
Persons per household	2.61	2.61	2.60	2.60	-0.01	(X)
Total households	2 292	2 329	2 384	2 418	126	5.5
Total households with:						
Householder aged 15-24	133	125	126	129	-4	-3.0
Householder aged 25-34	526	527	523	520	-6	-1.1
Householder aged 35-44	536	558	568	568	32	5.9
Householder aged 45-54	377	390	421	449	72	19.1
Householder aged 55-64	296	296	303	303	6	2.1
Householder aged 65+	422	433	443	447	26	6.1
<b>WASHINGTON</b>						
Persons in households	4 746	4 897	5 022	5 134	388	8.2
Persons per household	2.53	2.55	2.54	2.56	0.03	(X)
Total households	1 872	1 919	1 975	2 009	137	7.3
Total households with:						
Householder aged 15-24	119	115	118	124	6	4.8
Householder aged 25-34	421	423	421	420	-1	-0.2
Householder aged 35-44	449	477	490	494	45	9.9
Householder aged 45-54	291	305	333	357	66	22.6
Householder aged 55-64	224	222	227	225	2	0.7
Householder aged 65+	389	377	386	389	20	5.4
<b>WEST VIRGINIA</b>						
Persons in households	1 757	1 763	1 772	1 783	27	1.5
Persons per household	2.55	2.55	2.54	2.55	-	(X)
Total households	689	690	697	699	11	1.5
Total households with:						
Householder aged 15-24	33	32	33	35	2	6.5
Householder aged 25-34	119	116	113	111	-8	-6.7
Householder aged 35-44	144	149	150	148	4	2.7
Householder aged 45-54	108	107	113	120	14	12.9
Householder aged 55-64	104	101	101	99	-5	-5.2
Householder aged 65+	183	185	187	187	4	2.4
<b>WISCONSIN</b>						
Persons in households	4 758	4 813	4 859	4 905	146	3.1
Persons per household	2.61	2.62	2.61	2.62	0.01	(X)
Total households	1 822	1 839	1 864	1 875	53	2.9
Total households with:						
Householder aged 15-24	105	100	101	105	-	-0.2
Householder aged 25-34	396	391	382	376	-20	-5.0
Householder aged 35-44	399	417	424	424	25	6.3
Householder aged 45-54	268	274	292	308	41	15.2
Householder aged 55-64	239	237	239	235	-5	-1.9
Householder aged 65+	416	421	428	428	12	2.8
<b>WYOMING</b>						
Persons in households	443	448	454	460	17	3.7
Persons per household	2.63	2.64	2.64	2.65	0.02	(X)
Total households	169	170	172	173	5	2.7
Total households with:						
Householder aged 15-24	11	11	11	12	2	15.2
Householder aged 25-34	38	37	36	35	-3	-8.2
Householder aged 35-44	42	44	45	45	3	6.7
Householder aged 45-54	26	26	27	29	3	10.9
Householder aged 55-64	21	20	20	19	-2	-9.3
Householder aged 65+	31	32	33	34	2	7.7

- Represents zero or a number that rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Population Estimates Branch.

Table 2. Estimates of Housing Units for States: July 1, 1991, to July 1, 1993

[In thousands]

Geographic area	April 1, 1990, census	Estimates			Change 1990 to 1993	
		July 1, 1991	July 1, 1992	July 1, 1993	Numeric change	Percent change
<b>United States</b> .....	<b>102 264</b>	<b>103 648</b>	<b>104 585</b>	<b>105 575</b>	<b>3 311</b>	<b>3.2</b>
Northeast .....	20 811	20 940	21 008	21 080	270	1.3
Midwest .....	24 493	24 757	24 952	25 186	694	2.8
South .....	38 065	36 624	37 019	37 464	1 399	3.9
West .....	20 895	21 328	21 587	21 844	949	4.5
Alabama .....	1 670	1 687	1 700	1 715	45	2.7
Alaska .....	233	237	240	243	11	4.7
Arizona .....	1 659	1 689	1 713	1 743	83	5.0
Arkansas .....	1 001	1 006	1 012	1 018	18	1.8
California .....	11 183	11 408	11 515	11 605	422	3.8
Colorado .....	1 477	1 490	1 502	1 522	45	3.0
Connecticut .....	1 321	1 331	1 338	1 345	24	1.8
Delaware .....	290	297	302	306	16	5.6
District of Columbia .....	278	278	277	278	-2	-0.8
Florida .....	6 100	6 272	6 372	6 474	374	6.1
Georgia .....	2 638	2 696	2 738	2 784	145	5.5
Hawaii .....	390	400	408	416	26	6.6
Idaho .....	413	420	427	436	23	5.6
Illinois .....	4 505	4 542	4 585	4 595	89	2.0
Indiana .....	2 246	2 278	2 302	2 329	83	3.7
Iowa .....	1 144	1 152	1 169	1 168	25	2.2
Kansas .....	1 044	1 053	1 061	1 070	26	2.5
Kentucky .....	1 607	1 522	1 534	1 548	41	2.7
Louisiana .....	1 716	1 716	1 717	1 723	8	0.4
Maine .....	587	594	599	603	16	2.7
Maryland .....	1 892	1 931	1 953	1 982	90	4.8
Massachusetts .....	2 473	2 491	2 501	2 513	41	1.6
Michigan .....	3 848	3 896	3 929	3 965	117	3.0
Minnesota .....	1 848	1 876	1 895	1 919	71	3.8
Mississippi .....	1 010	1 016	1 020	1 025	15	1.5
Missouri .....	2 199	2 220	2 236	2 258	59	2.7
Montana .....	361	362	364	366	5	1.5
Nebraska .....	661	667	673	679	18	2.7
Nevada .....	519	554	576	595	76	14.6
New Hampshire .....	604	510	513	516	12	2.4
New Jersey .....	3 075	3 099	3 110	3 123	47	1.5
New Mexico .....	632	640	646	653	21	3.3
New York .....	7 227	7 249	7 257	7 263	36	0.5
North Carolina .....	2 818	2 860	2 926	2 977	159	5.6
North Dakota .....	276	278	280	282	5	2.0
Ohio .....	4 372	4 412	4 442	4 478	106	2.4
Oklahoma .....	1 406	1 408	1 411	1 415	9	0.6
Oregon .....	1 194	1 225	1 244	1 262	69	5.8
Pennsylvania .....	4 938	4 973	4 996	5 020	82	1.7
Rhode Island .....	415	418	420	422	7	1.7
South Carolina .....	1 424	1 456	1 479	1 501	77	5.4
South Dakota .....	262	266	269	273	10	3.4
Tennessee .....	2 026	2 053	2 074	2 097	71	3.5
Texas .....	7 009	7 072	7 135	7 213	204	2.9
Utah .....	598	606	614	625	27	4.5
Vermont .....	271	274	275	276	5	1.9
Virginia .....	2 496	2 552	2 585	2 622	125	5.0
Washington .....	2 032	2 095	2 133	2 172	139	6.8
West Virginia .....	781	783	785	787	6	0.8
Wisconsin .....	2 056	2 087	2 111	2 141	85	4.2
Wyoming .....	203	204	204	205	2	0.9

Source: U.S. Bureau of the Census, Population Estimates Branch.

Table 3. Intercensal Estimates of Total Households for States: April 1, 1980, to April 1, 1990

[In thousands]

Geographic area	April 1, 1980, census	Estimate									April 1, 1990, census
		July 1, 1981	July 1, 1982	July 1, 1983	July 1, 1984	July 1, 1985	July 1, 1986	July 1, 1987	July 1, 1988	July 1, 1989	
<b>United States</b> .....	<b>80 390</b>	<b>82 130</b>	<b>82 945</b>	<b>83 635</b>	<b>85 202</b>	<b>86 554</b>	<b>87 743</b>	<b>88 855</b>	<b>90 234</b>	<b>91 484</b>	<b>91 947</b>
Northeast .....	17 471	17 690	17 734	17 805	18 068	18 258	18 420	18 570	18 798	18 916	18 873
Midwest .....	20 859	21 072	21 055	21 038	21 299	21 496	21 635	21 818	22 085	22 273	22 317
South .....	28 486	27 335	27 871	28 307	28 977	28 580	30 113	30 556	31 045	31 569	31 822
West .....	15 574	16 033	16 265	16 466	16 857	17 223	17 574	17 910	18 316	18 726	18 935
Alabama .....	1 342	1 368	1 378	1 388	1 410	1 431	1 448	1 467	1 484	1 500	1 507
Alaska .....	131	138	149	163	171	178	181	179	183	187	189
Arizona .....	957	1 004	1 037	1 067	1 114	1 165	1 220	1 272	1 319	1 364	1 389
Arkansas .....	816	828	831	838	853	862	870	878	884	890	891
California .....	8 630	8 851	8 965	9 063	9 252	9 453	9 650	9 844	10 066	10 296	10 381
Colorado .....	1 061	1 104	1 137	1 163	1 189	1 212	1 230	1 244	1 255	1 271	1 282
Connecticut .....	1 094	1 116	1 125	1 135	1 157	1 175	1 190	1 205	1 223	1 230	1 230
Delaware .....	207	210	212	215	220	224	229	234	239	245	247
District of Columbia .....	253	254	254	254	256	258	260	260	259	256	250
Florida .....	3 744	3 948	4 059	4 165	4 325	4 473	4 608	4 748	4 886	5 033	5 135
Georgia .....	1 872	1 931	1 984	1 997	2 061	2 125	2 184	2 242	2 297	2 343	2 387
Hawaii .....	294	301	312	307	318	324	329	337	344	350	356
Idaho .....	324	332	334	336	343	347	347	348	351	357	361
Illinois .....	4 045	4 076	4 085	4 055	4 089	4 110	4 118	4 138	4 171	4 200	4 202
Indiana .....	1 927	1 942	1 942	1 939	1 966	1 985	1 997	2 016	2 040	2 061	2 065
Iowa .....	1 053	1 061	1 055	1 049	1 057	1 055	1 048	1 047	1 058	1 064	1 064
Kansas .....	872	887	892	895	906	913	920	926	938	945	945
Kentucky .....	1 263	1 283	1 292	1 301	1 318	1 330	1 340	1 350	1 365	1 376	1 380
Louisiana .....	1 412	1 451	1 477	1 492	1 508	1 521	1 530	1 516	1 507	1 507	1 499
Maine .....	395	403	406	410	420	427	433	442	453	462	465
Maryland .....	1 461	1 494	1 506	1 520	1 556	1 588	1 625	1 660	1 703	1 734	1 749
Massachusetts .....	2 033	2 069	2 076	2 088	2 131	2 163	2 183	2 204	2 236	2 256	2 247
Michigan .....	3 195	3 205	3 184	3 168	3 212	3 255	3 300	3 344	3 382	3 412	3 419
Minnesota .....	1 445	1 477	1 487	1 492	1 517	1 541	1 561	1 581	1 617	1 639	1 648
Mississippi .....	827	844	852	856	869	879	888	895	903	911	911
Missouri .....	1 793	1 816	1 816	1 824	1 853	1 875	1 894	1 917	1 941	1 956	1 961
Montana .....	284	289	293	296	301	303	302	301	303	305	306
Nebraska .....	571	580	582	582	589	592	591	591	598	602	602
Nevada .....	304	324	335	342	355	367	380	397	418	444	466
New Hampshire .....	323	333	337	342	354	365	377	390	402	411	411
New Jersey .....	2 549	2 592	2 606	2 621	2 666	2 704	2 737	2 762	2 791	2 803	2 795
New Mexico .....	441	456	467	479	491	503	515	523	530	538	543
New York .....	6 340	6 386	6 386	6 403	6 479	6 529	6 564	6 587	6 643	6 669	6 639
North Carolina .....	2 043	2 101	2 133	2 161	2 227	2 287	2 332	2 384	2 439	2 492	2 517
North Dakota .....	228	233	237	239	243	245	244	243	244	243	241
Ohio .....	3 834	3 871	3 866	3 861	3 902	3 937	3 964	3 999	4 046	4 081	4 088
Oklahoma .....	1 119	1 153	1 196	1 218	1 223	1 223	1 221	1 207	1 202	1 206	1 206
Oregon .....	992	1 009	1 005	998	1 012	1 021	1 031	1 043	1 067	1 088	1 103
Pennsylvania .....	4 220	4 265	4 269	4 272	4 319	4 343	4 376	4 411	4 459	4 494	4 496
Rhode Island .....	339	344	345	347	354	360	365	370	375	378	378
South Carolina .....	1 030	1 065	1 082	1 093	1 121	1 149	1 171	1 194	1 218	1 244	1 258
South Dakota .....	243	245	246	247	251	254	254	256	259	259	259
Tennessee .....	1 619	1 660	1 683	1 673	1 705	1 737	1 780	1 791	1 820	1 844	1 854
Texas .....	4 929	5 139	5 335	5 475	5 606	5 723	5 835	5 868	5 920	6 026	6 071
Utah .....	449	463	474	481	493	503	511	515	523	532	537
Vermont .....	178	182	184	186	189	192	195	199	205	209	211
Virginia .....	1 863	1 919	1 944	1 969	2 024	2 072	2 117	2 168	2 226	2 271	2 292
Washington .....	1 541	1 589	1 603	1 608	1 640	1 670	1 700	1 736	1 787	1 833	1 872
West Virginia .....	686	695	695	694	698	699	698	695	692	691	689
Wisconsin .....	1 652	1 679	1 685	1 687	1 713	1 732	1 744	1 760	1 792	1 812	1 822
Wyoming .....	166	174	178	178	178	178	177	171	170	170	169

Source: U.S. Bureau of the Census, Population Estimates Branch.

Table 4. Intercensal Estimates of Total Housing Units for States: April 1, 1980, to April 1, 1990

[In thousands]

Geographic area	April 1, 1980, census	Estimate									April 1, 1990, census
		July 1, 1981	July 1, 1982	July 1, 1983	July 1, 1984	July 1, 1985	July 1, 1986	July 1, 1987	July 1, 1988	July 1, 1989	
<b>United States</b> -----	<b>88 410</b>	<b>89 979</b>	<b>90 981</b>	<b>91 852</b>	<b>93 478</b>	<b>95 126</b>	<b>96 792</b>	<b>98 488</b>	<b>99 951</b>	<b>101 320</b>	<b>102 284</b>
Northeast -----	19 087	19 219	19 300	19 383	19 505	19 676	19 900	20 163	20 429	20 665	20 811
Midwest -----	22 822	23 030	23 118	23 193	23 320	23 490	23 673	23 903	24 130	24 343	24 493
South -----	29 417	30 173	30 717	31 319	32 230	33 111	33 907	34 605	35 184	35 708	36 065
West -----	17 083	17 556	17 826	18 057	18 414	18 850	19 313	19 797	20 206	20 604	20 895
Alabama -----	1 467	1 491	1 504	1 517	1 540	1 564	1 589	1 615	1 637	1 657	1 670
Alaska -----	163	169	176	187	200	211	218	223	227	230	233
Arizona -----	1 110	1 171	1 211	1 253	1 318	1 389	1 478	1 547	1 598	1 637	1 659
Arkansas -----	899	909	916	924	938	953	968	978	987	995	1 001
California -----	9 279	9 478	9 582	9 681	9 804	10 003	10 248	10 531	10 777	11 013	11 183
Colorado -----	1 194	1 237	1 266	1 295	1 340	1 383	1 415	1 442	1 460	1 471	1 477
Connecticut -----	1 159	1 172	1 181	1 190	1 203	1 216	1 230	1 244	1 250	1 251	1 251
Delaware -----	239	242	245	248	253	258	264	270	274	278	280
District of Columbia -----	277	279	280	279	279	279	278	278	279	279	278
Florida -----	4 379	4 601	4 760	4 861	5 047	5 254	5 458	5 648	5 822	5 984	6 100
Georgia -----	2 028	2 075	2 109	2 152	2 224	2 303	2 383	2 465	2 534	2 599	2 638
Hawaii -----	334	345	351	356	369	383	398	413	428	443	458
Idaho -----	375	384	388	391	395	400	403	406	409	411	413
Illinois -----	4 320	4 338	4 338	4 341	4 354	4 367	4 388	4 421	4 455	4 487	4 506
Indiana -----	2 092	2 112	2 120	2 126	2 136	2 149	2 168	2 189	2 211	2 231	2 246
Iowa -----	1 131	1 138	1 139	1 139	1 141	1 142	1 142	1 141	1 141	1 142	1 144
Kansas -----	955	967	974	981	993	1 006	1 017	1 026	1 034	1 041	1 044
Kentucky -----	1 389	1 384	1 383	1 402	1 416	1 432	1 449	1 464	1 479	1 495	1 507
Louisiana -----	1 548	1 580	1 606	1 631	1 667	1 698	1 713	1 719	1 719	1 718	1 716
Maine -----	501	508	512	517	523	531	541	553	566	579	587
Maryland -----	1 571	1 596	1 612	1 631	1 668	1 705	1 745	1 785	1 825	1 863	1 892
Massachusetts -----	2 208	2 229	2 243	2 258	2 277	2 303	2 336	2 360	2 421	2 454	2 473
Michigan -----	3 580	3 621	3 631	3 638	3 649	3 669	3 700	3 739	3 779	3 818	3 848
Minnesota -----	1 613	1 640	1 656	1 673	1 696	1 720	1 746	1 775	1 806	1 831	1 848
Mississippi -----	912	924	931	939	952	967	979	989	997	1 005	1 010
Missouri -----	1 989	2 007	2 016	2 028	2 047	2 073	2 101	2 133	2 162	2 186	2 199
Montana -----	328	334	338	341	346	351	354	357	358	360	361
Nebraska -----	625	632	635	637	640	644	647	651	654	658	661
Nevada -----	340	360	373	383	389	415	430	447	465	485	519
New Hampshire -----	386	395	401	407	415	428	443	463	481	496	504
New Jersey -----	2 772	2 798	2 809	2 822	2 845	2 879	2 923	2 972	3 017	3 054	3 075
New Mexico -----	508	523	534	545	559	578	593	607	619	627	632
New York -----	6 868	6 881	6 881	6 904	6 925	6 959	7 011	7 070	7 132	7 189	7 227
North Carolina -----	2 274	2 318	2 353	2 389	2 450	2 522	2 601	2 671	2 731	2 782	2 818
North Dakota -----	259	263	265	267	271	273	274	275	275	276	276
Ohio -----	4 108	4 145	4 160	4 168	4 187	4 209	4 235	4 271	4 309	4 346	4 372
Oklahoma -----	1 237	1 263	1 285	1 319	1 361	1 386	1 386	1 402	1 405	1 406	1 406
Oregon -----	1 083	1 111	1 123	1 129	1 135	1 141	1 149	1 157	1 167	1 179	1 184
Pennsylvania -----	4 597	4 633	4 652	4 669	4 684	4 726	4 763	4 807	4 856	4 905	4 936
Rhode Island -----	373	377	379	381	384	388	392	399	405	411	415
South Carolina -----	1 153	1 180	1 199	1 218	1 251	1 292	1 329	1 359	1 384	1 408	1 424
South Dakota -----	277	281	282	282	284	287	289	290	291	292	292
Tennessee -----	1 747	1 772	1 784	1 799	1 826	1 864	1 904	1 942	1 975	2 006	2 026
Texas -----	5 548	5 742	5 906	6 134	6 431	6 853	7 303	7 806	8 354	8 906	9 409
Utah -----	490	506	515	523	535	553	569	582	590	595	598
Vermont -----	223	228	232	236	240	245	250	255	261	267	271
Virginia -----	2 021	2 063	2 088	2 113	2 160	2 215	2 273	2 339	2 399	2 459	2 496
Washington -----	1 689	1 743	1 771	1 791	1 818	1 849	1 884	1 919	1 956	1 998	2 032
West Virginia -----	748	754	758	761	765	768	771	774	777	780	781
Wisconsin -----	1 864	1 888	1 903	1 915	1 932	1 950	1 969	1 990	2 013	2 036	2 056
Wyoming -----	188	195	199	202	204	205	206	205	205	204	203

Source: U.S. Bureau of the Census, Population Estimates Branch.

\*U.S. Government Printing Office: 1994 — 386-534/00085

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