Census 2000 Brief

C2KBR-20

The median value of a home in the United States in 2000 was \$119,600, according to findings in Census 2000.1 This value represented an increase of 18 percent over the 1990 value of \$101,100, after adjusting for inflation.2 Median value means that one-half of all homes were worth more and one-half were worth less. These values refer to specified owner-occupied housing units; that is, owner-occupied single-family homes on less than 10 acres without a business or medical office on the property. In

2000, 55.2 million of the country's 115.9 million housing units were this type. The value of a home is the owner's estimate of what the house and lot would sell for if it were on the market.

¹ The text of this report discusses data for the United States, including the 50 states and the District of Columbia. Data for the Commonwealth of Puerto Rico are shown in Table 1 and Figure 5.

Figure 1. Reproduction of the Question on Housing Value From Census 2000

(What is the value of this property; that is,
	how much do you think this house and lot,
	apartment, or mobile home and lot would sell
	for if it were for sale?

Less than \$10,000	■ \$90,000 to \$99,999
\$10,000 to \$14,999	\$100,000 to \$124,999
\$15,000 to \$19,999	\$125,000 to \$149,999

\$20,000 to \$24,999
 \$150,000 to \$174,999
 \$25,000 to \$29,999
 \$30,000 to \$34,999
 \$35,000 to \$39,999
 \$35,000 to \$39,999
 \$250,000 to \$299,999

\$35,000 to \$39,999 \$40,000 to \$49,999 \$50,000 to \$59,999 \$400,000 to \$499,999

☐ \$50,000 to \$59,999 ☐ \$400,000 to \$499,999 ☐ \$60,000 to \$69,999 ☐ \$500,000 to \$749,999 ☐ \$750,000 to \$749,999

\$70,000 to \$79,999 \$750,000 to \$999,999 \$80,000 to \$89,999 \$1,000,000 or more

Source: U.S. Census Bureau, Census 2000 questionnaire.

The specific question, reproduced in Figure 1, was asked at owner-occupied housing units and units that were being bought or were vacant and for sale at the time of enumeration.

This report, part of a series that presents population and housing data collected by Census 2000, presents data on median home values in the United States, including regions, states, counties, and places with populations of 100,000 or more. It also includes home values for householders by age, race, and Hispanic origin, as well as other findings.

By Robert L. Bennefield



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



² The estimates in this report are based on responses from a sample of the population. As with all surveys, estimates may vary from the actual values because of sampling variation or other factors. All statements made in this report have undergone statistical testing and are significant at the 90-percent confidence level, unless otherwise noted.

Data collection methods changed between 1990 and 2000.

In Census 2000, only a sample of households were asked the home value question, whereas all households were asked that question in 1990. The 2000 question was slightly different from the one used in 1990. The wording was changed to replace "condominium unit" with "apartment" and to include "mobile home." Some of the value categories were collapsed while others were added, allowing respondents to indicate homes valued for \$1 million or more. The highest value category in 1990 was \$500,000 or more.

Median home values more than doubled between 1950 and 2000.

The median value of single-family homes in the United States rose from \$44,600 in 1950 to \$119,600 in 2000, after adjusting for inflation.3 Median home value increased in each decade of this 50-year period, rising fastest (43 percent) in the 1970s and slowest (8.2 percent) in the 1980s. The 18-percent increase in the 1990s was higher than the rate of increase in the 1960s (11 percent) and the 1980s (8.2 percent) but below the rate of increase in the 1950s (31 percent) and the 1970s (43 percent). Figure 2 presents median home values for each census since 1950.

Homeowners aged 45 to 54 lived in the highest-priced homes.

The median value for single-family homes was lowest (\$84,700) for homeowners under age 25, as shown in Figure 3. Median values

rose with age of homeowner, peaking for homeowners 45 to 54 at \$131,100. After that, median

home values fell to \$124,000 at 55 to 64, \$108,300 at 65 to 74, and \$95,500 at 75 and over.

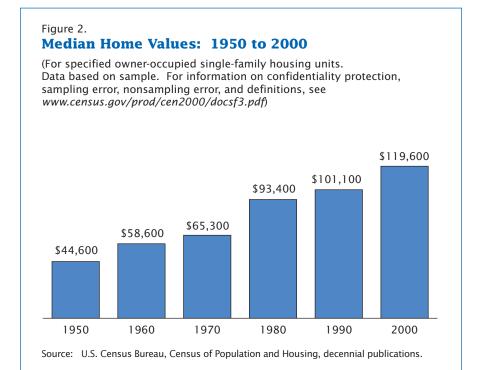
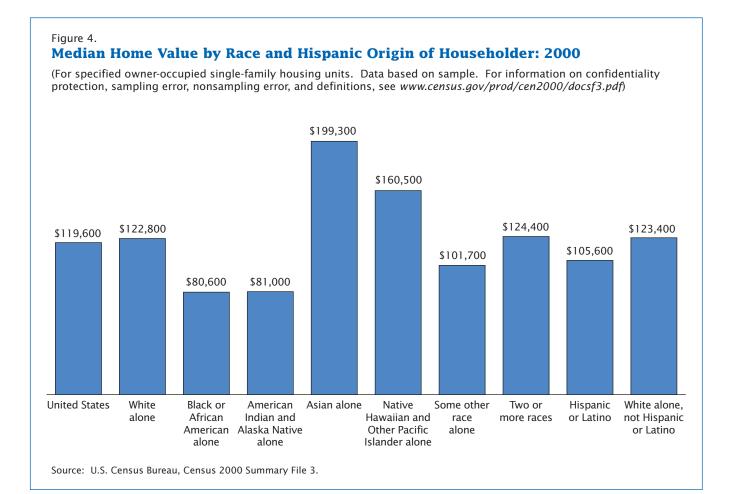


Figure 3. Median Home Value by Age of Householder: 2000 (For specified owner-occupied single-family housing units. Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/docsf3.pdf) \$128,800 \$131,100 \$124,000 \$113,800 \$108,300 \$95,500 \$84,700 25 to 34 35 to 44 45 to 54 55 to 64 65 to 74 75 and over

2 U.S. Census Bureau

Source: U.S. Census Bureau, Census 2000 special tabulation.

³ Median value estimates for 1950 to 1990 were adjusted to 2000 dollars using the appropriate CPI-U-RS factors.



The median value of homes owned by Asian householders was more than 50 percent higher than the national median.

Census 2000 allowed respondents to choose more than one race. With the exception of the Two or more races group, all race groups discussed in this report refer to people who indicated only one racial identity among the six major categories: White, Black or African American, American Indian and Alaska Native, Asian, Native Hawaiian and Other Pacific Islander, and Some other race. The use of the single-race

population in this report does not imply that it is the preferred method of presenting or analyzing data. The Census Bureau uses a variety of approaches.⁵

The median value of single-family homes for householders who identified their race as Asian was \$199,300—more than 50 percent higher than the national median home value (see Figure 4). A

large proportion of these households (45 percent) were located in Hawaii or California, states that recorded the highest median home values. Householders who were Native Hawaiian and Other Pacific Islander had a median home value of \$160.500, also considerably higher than the national estimate. In contrast, homeowners who were Black or African American or who were American Indian and Alaska Native had a median value of about \$81,000—one-third below the national median. Among homeowners who were non-Hispanic White the median value for a single-family home was \$123,400—higher than the national estimate—while among Hispanic or Latino homeowners it was \$105,600—below the national

⁴ For further information on each of the six major race groups and the Two races population, see reports from the Census 2000 Brief series (C2KBR/01), available on the Census 2000 Web site at www.census.gov/population/www/cen2000/briefs.html.

⁵ This report draws heavily on Summary File 3, a Census 2000 product that can be accessed through American FactFinder, available from the Census Bureau's Web site, www.census.gov. Information on people who reported more than one race, such as "White and American Indian and Alaska Native" or "Asian and Black or African American," is forthcoming in Summary File 4, which will also be available through American FactFinder in 2003. About 2.6 percent of people reported more than one race.

estimate. The median home value for people who reported two or more races was \$124,400.

GEOGRAPHIC DISTRIBUTION OF HOME VALUES

Home values were highest in the West.

Median values for a single-family home were higher in the West (\$171,000) than in the Northeast (\$139,400), the Midwest (\$105,500), or the South (\$96,300) (see Table 1).⁷ In the Northeast, the median value dropped between 1990 and 2000 by 12 percent, but home values increased in the other regions. The increase was greatest in the Midwest (up 33 percent), followed by the South (up 15 percent) and the West (up 6 percent).

Hawaii continued to have the highest median home value among states.

In Census 2000, as in 1990, Hawaii recorded the highest median value for single-family homes among states (\$272,700)—more than twice the national median. California followed Hawaii with a

median value of \$211,500 for single-family homes. Six additional states had median home values above \$150,000: Massachusetts (\$185,700), New Jersey (\$170,800), Washington (\$168,300), Connecticut (\$166.900), Colorado (\$166.600), and Oregon (\$152,100). The District of Columbia had a similar median value at \$157,200. Colorado was the only noncoastal state with a median home value above \$150,000. With the exception of Maine and South Carolina, all of the states with median home values below \$100,000 were adjacent and located near the middle or interior of the country (see Figure 5). The lowest median home value among the states was \$70,700, recorded in Oklahomamore than one-third below the national estimate. Four additional states in the South and Midwest had median home values below \$75,000: Mississippi (\$71,400), Arkansas and West Virginia (both at \$72,800), and North Dakota (\$74,400).⁸

Between 1990 and 2000, median home values decreased in 11 states and the District of Columbia. with Connecticut showing the sharpest drop, of 27 percent.9 In addition to Connecticut, median values fell by more than 10 percent in eight states: Rhode Island (down 22 percent), New Hampshire (down 19 percent), New Jersey (down 18 percent), California (down 15 percent), Hawaii (down 13 percent), Maine and New York (both down 12 percent), and Massachusetts (down 11 percent). In contrast, Oregon had the

sharpest rise in median home value, up 78 percent. Other states in the West with more than a 50-percent increase in median home value were Utah (up 66 percent) and Colorado (up 58 percent). Oregon and Utah went from far under the national median in 1990 to well above it in 2000. Minnesota was the only other state to follow this path, although its gain was more modest. Maine and Vermont went in the opposite direction, from above the national median in 1990 to under by 2000. See Table 1 for values for the United States, regions, states, and Puerto Rico.

Counties with more expensive homes were primarily located in major metropolitan areas.

A band of counties with median single-family home values in excess of \$150,000 extended almost continuously from the District of Columbia and its suburbs up the east coast to Boston, Massachusetts, and its suburbs (see Figure 5). Another band of homes in this price range extended along the California coast. Other counties where median single-family home values exceeded \$150,000 clustered around Denver and in other Rocky Mountain areas of Colorado and in large metropolitan areas throughout the country. Counties with exceptionally high single-family median home values or those with values above \$500,000 were New York County, New York (the borough of Manhattan), with a median value in excess of \$1 million; Pitkin County, Colorado (\$750,000); Nantucket, Massachusetts (\$577,500); and Marin County, California (\$514,600).10 Counties where

⁶ Because Hispanics may be of any race, data in this report for Hispanics overlap with data for racial groups. Based on Census 2000 sample data, the proportion Hispanic was 8.0 percent for Whites, 1.9 percent for Blacks, 14.6 percent for American Indians and Alaska Natives, 1.0 percent for Asians, 9.5 percent for Pacific Islanders, 97.1 percent for those reporting Some other race, and 31.1 percent for those reporting Two or more races.

The Northeast region includes the states of Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont. The Midwest region includes the states of Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. The South region includes the states of Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia, and the District of Columbia, a state equivalent. The West region includes the states of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Because of sampling error, the estimates for geographic areas in this report may not be significantly different from one another or from estimates for other geographic areas not in this report.

⁹ The decrease for the District of Columbia was not statistically significant.

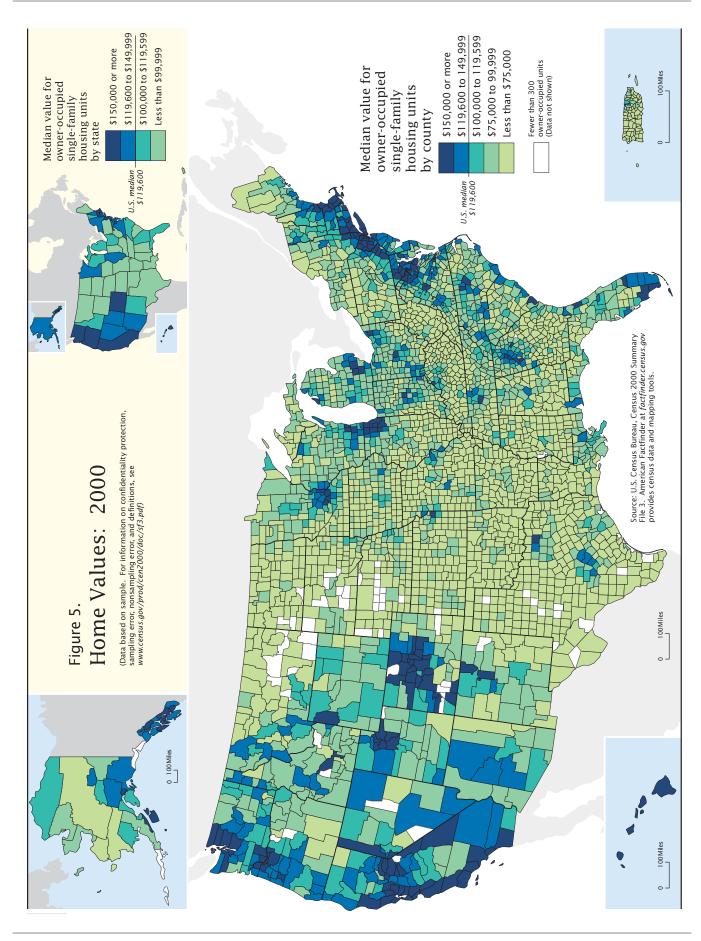
¹⁰ The single-family homes in Manhattan represented a very small proportion (1.8 percent) of all owner-occupied housing in Manhattan.

Table 1. Median Home Values for the United States, Regions, and States, and for Puerto Rico: 1990 and 2000

	1990		20			
Area	Specified owner-occupied housing units	Median (dollars)	Median* (dollars)	Specified owner-occupied housing units	Median (dollars)	Median percent change, 1990 to 2000
United States	44,918,000	79,100	101,100	55,212,108	119,600	18.3
Region						
Northeast	8,762,882 11,794,663 15,595,606 8,764,849	124,400 62,300 65,800 126,200	158,900 79,600 84,100 161,200	10,009,448 14,037,418 19,964,932 11,200,310	139,400 105,500 96,300 171,000	-12.3 32.5 14.5 6.1
State						
Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware District of Columbia Florida	753,827 77,527 668,718 427,676 4,690,264 637,629 643,500 137,526 71,532 2,378,207	53,700 94,400 80,100 46,300 195,500 82,700 177,800 100,100 123,900 77,100	68,600 120,600 102,300 59,200 249,800 105,700 227,200 127,900 158,300 98,500	918,570 105,620 1,032,103 513,483 5,527,618 903,259 728,244 177,323 76,289 3,242,202	85,100 144,200 121,300 72,800 211,500 166,600 166,900 130,400 157,200 105,500	24.1 19.6 18.6 23.0 -15.3 57.6 -26.5 2.0 (NS)
Georgia Hawaii Idaho Illinois Indiana Iowa Kansas Kentucky Louisiana Maine	1,138,775 144,431 177,333 2,084,708 1,137,766 566,559 500,628 662,174 733,914 214,663	71,300 245,300 58,200 80,900 53,900 45,900 52,200 50,500 58,500 87,400	91,100 313,400 74,400 103,400 68,900 58,600 66,700 64,500 74,700	1,596,408 173,861 255,077 2,470,338 1,378,878 665,442 581,960 806,461 864,810 254,866	111,200 272,700 106,300 130,800 94,300 82,500 83,500 86,700 85,000 98,700	22.1 -13.0 42.9 26.5 36.9 40.8 25.2 34.4 13.8 -11.6
Maryland Massachusetts Michigan Minnesota Mississippi Missouri Montana Nebraska Nevada New Hampshire	970,864 1,004,573 1,916,143 894,345 441,821 1,005,407 132,419 314,363 183,816 199,358	116,500 162,800 60,600 74,000 45,600 59,800 56,600 50,400 95,700 129,400	148,800 208,000 77,400 94,500 58,300 76,400 72,300 64,400 122,300 165,300	1,178,779 1,187,871 2,269,175 1,117,489 532,291 1,188,442 165,397 370,495 363,321 249,345	146,000 185,700 115,600 122,400 71,400 89,900 99,500 88,000 142,000 133,300	-1.9 -10.7 49.4 29.5 22.5 17.7 37.6 36.6 16.1 -19.4
New Jersey. New Mexico New York. North Carolina North Dakota Ohio Oklahoma Oregon. Pennsylvania Rhode Island	1,466,270 262,309 2,387,606 1,217,975 103,702 2,241,277 616,290 511,829 2,581,261 176,494	162,300 70,100 131,600 65,800 50,800 63,500 48,100 67,100 69,700 133,500	207,400 89,600 168,100 84,100 64,900 81,100 61,500 85,700 89,100 170,600	1,701,732 339,888 2,689,728 1,615,713 122,078 2,613,123 699,452 653,869 2,889,484 202,216	170,800 108,100 148,700 108,300 74,400 103,700 70,700 152,100 97,000 133,000	-17.6 20.6 -11.5 28.8 14.6 27.9 15.0 77.5 8.9 -22.0
South Carolina South Dakota Tennessee. Texas Utah Vermont Virginia. Washington West Virginia Wisconsin Wyoming Puerto Rico	615,434 113,057 938,366 2,949,089 303,724 89,157 1,192,077 896,436 350,059 916,708 78,414 669,302	61,100 45,200 58,400 59,600 68,900 95,500 91,000 47,900 62,500 61,600	78,100 57,700 74,600 76,100 88,000 122,000 116,300 61,200 79,900 78,700	783,909 137,531 1,205,931 3,849,585 427,244 105,962 1,510,798 1,157,462 392,928 1,122,467 95,591 817,927	94,900 79,600 93,000 82,500 146,100 111,500 125,400 168,300 72,800 112,200 96,600	21.5 38.0 24.7 8.4 66.0 -8.6 7.8 41.1 19.0 40.4 22.7

^{*}Adjusted to 2000 dollars, using CPI-U-RS factor 1.277636. NS: Not significantly different from zero at the 90-percent confidence level.

Source: U.S. Census Bureau, Census 2000 Summary File 3 and 1990 census Summary File 1.



median home values exceeded \$150,000 represented 6.2 percent of all counties. In nearly one-half of counties (49 percent) median single-family home values fell below \$75,000. Most of these

counties were located in the Great Plains extending from North Dakota to Texas and in the nonmetropolitan South. For example, five counties with very low median single-family home values were

Table 2.

Ten Places of 100,000 People or More With the Highest

Median Home Values: 2000

(For specified owner-occupied housing units. Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/sf3.pdf)

Area	Specified owner-occupied single-family housing units	Median value (dollars)	90-percent confidence interval
United States	55,212,108	119,600	119,500 - 119,700
Place			
Sunnyvale, CA	19,314	495,200	487,700 - 502,700
Cambridge, MA	4,453	398,500	377,200 - 419,800
Santa Clara, CA	15,831	396,500	391,300 - 401,700
San Francisco, CA	79,545	396,400	393,300 - 399,500
San Jose, CA	146,892	394,000	392,000 - 396,000
Honolulu, HI (CDP)*	40,162	386,700	383,000 - 390,400
Berkeley, CA	15,869	380,200	372,100 - 388,300
Fremont, CA	40,429	363,400	359,900 - 366,900
Stamford, CT	18,034	362,300	355,000 - 369,600
Daly City, CA	15,803	335,000	331,100 - 338,900

*Honolulu is a Census Designated Place (CDP). By agreement with the state of Hawaii, the Census Bureau does not show data separately for the city of Honolulu, which is coextensive with Honolulu county.

Note: Because of sampling error, the estimates in this table may not be significantly different from one another or from estimates for other geographic areas not listed in this table.

Source: U.S. Census Bureau, Census 2000 Summary File 3.

Table 3.

Ten Places of 100,000 People or More With the Lowest

Median Home Values: 2000

(For specified owner-occupied housing units. Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/sf3.pdf)

Area	Specified owner-occupied single-family housing units	Median value (dollars)	90-percent confidence interval
United States	55,212,108	119,600	119,500 - 119,700
Place			
Flint, MI	26,410	49,700	48,900 - 50,500
Kansas City, KS	31,461	52,500	51,600 - 53,400
Brownsville, TX	20,258	53,000	51,500 - 54,500
Waco, TX	18,226	53,300	51,500 - 55,100
Gary, IN	18,997	53,400	52,200 - 54,600
Buffalo, NY	33,030	59,300	58,600 - 60,000
Philadelphia, PA	315,437	59,700	59,400 - 60,000
Pittsburgh, PA	66,568	59,700	59,300 - 60,100
Abilene, TX	22,578	61,100	59,700 - 62,500
Rochester, NY	30,910	61,300	60,700 - 61,900

Note: Because of sampling error, the estimates in this table may not be significantly different from one another or from estimates for other geographic areas not listed in this table.

Source: U.S. Census Bureau, Census 2000 Summary File 3.

King County, Texas (\$13,800), McPherson County, South Dakota (\$20,100); Corson County, South Dakota (\$21,600); Kenedy County, Texas, and Boyd County, Nebraska (both at \$22,500). In three counties the median home value equaled the national median of \$119,600. They were Buncombe County, North Carolina, York County, South Carolina, and Whitman County, Washington.

Sunnyvale, California had the highest median home value among places of 100,000 or more.

Among places with 100,000 people or more, Sunnyvale, California recorded the highest median singlefamily home value, \$495,200—more than four times the national median (see Table 2).11 The remaining nine places had median single-family home values in the \$300,000 to \$400,000 range: Cambridge, Massachusetts (\$398,500); Santa Clara, California (\$396,500); San Francisco, California (\$396,400); San Jose, California (\$394,000); Honolulu, Hawaii (\$386,700); Berkeley, California (\$380,200); Fremont, California (\$363,400); Stamford, Connecticut (\$362,300); and Daly City, California (\$335,000).12 Seven of the ten places with the highest single-family home values were in the San Francisco Bay area and two were in the New England area.

[&]quot;Census 2000 shows 245 places in the United States with 100,000 or more population. They include 238 incorporated places (including 4 city-county consolidations) and 7 census designated places that are not legally incorporated. For a list of these places by state, see www/cen2000phc-t6.html.

¹² See footnote 8.

Flint, Michigan recorded the lowest median home value among places of 100,000 or more.

The lowest median single-family home value among large cities (places with 100,000 people or more) was recorded in Flint, Michigan (\$49,700)—more than 50 percent below the national median (see Table 3). These ten lowest median single-family home values ranged from about \$50,000 to \$60,000. The other nine places were Kansas City, Kansas (\$52,500); Brownsville, Texas (\$53,000); Waco, Texas (\$53,300); Gary, Indiana (\$53,400); Buffalo, New York (\$59,300); Philadelphia and Pittsburgh, Pennsylvania (both at \$59,700); Abilene, Texas (\$61,100); and Rochester, New York (\$61,300).13

Cambridge, Massachusetts had the highest percentage of homes valued at \$1 million or more.

The city with the highest percentage of single-family homes valued at \$1 million or more was Cambridge, Massachusetts with 12 percent (see Table 4). San Francisco, California followed Cambridge with 7.0 percent and Pasadena, California was next with 4.7 percent. Los Angeles, California had 3.8 percent, while the remaining six cities—Fort Lauderdale, Florida, Berkeley, California, Stamford, Connecticut, Honolulu, Hawaii, Atlanta, Georgia, and Fremont, California-all had about 3 percent. Five of the ten places were in California and two were in the New England area. None of the ten places was in the Midwest.14

Table 4.
Ten Places of 100,000 People or More With the Highest Percentage of Home Values of \$1 Million or More: 2000

(For specified owner-occupied housing units. Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/sf3.pdf)

Area	Specified owner-occupied single-family housing units	Homes v \$1 million	90-percent	
		Number	Percent	interval
United States	55,212,108	313,759	0.6	0.6 - 0.6
Place				
Cambridge, MA	4,453	516	11.6	9.5 - 13.7
San Francisco, CA	79,545	5,547	7.0	6.6 - 7.4
Pasadena, CA	19,318	912	4.7	4.1 - 5.4
Los Angeles, CA	412,804	15,501	3.8	3.6 - 3.9
Fort Lauderdale, FL	22,871	765	3.3	2.8 - 3.9
Berkeley, CA	15,869	510	3.2	2.6 - 3.8
Stamford, CT	18,034	485	2.7	2.2 - 3.2
Honolulu, HI (CDP)*	40,162	1,048	2.6	2.3 - 3.0
Atlanta, GA	61,208	1,597	2.6	2.3 - 2.9
Fremont, CA	40,429	1,052	2.6	2.3 - 3.0

*Honolulu is a Census Designated Place (CDP). By agreement with the state of Hawaii, the Census Bureau does not show data separately for the city of Honolulu, which is coextensive with Honolulu county.

Note: Because of sampling error, the estimates in this table may not be significantly different from one another or from estimates for other geographic areas not listed in this table.

Source: U.S. Census Bureau, Census 2000 Summary File 3.

Figure 6. Median Home Value by Type of Structure: 2000

(For all owner-occupied housing units. Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/docsf3.pdf)



Source: U.S. Census Bureau, Census 2000 special tabulation.

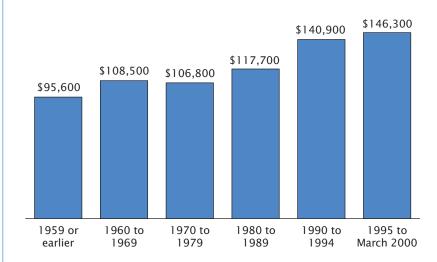
¹³ See footnote 8.

¹⁴ See footnote 8.

Figure 7.

Median Home Value by Year Structure Built: 2000

(For all owner-occupied housing units. Data based on sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/prod/cen2000/docsf3.pdf)



Source: U.S. Census Bureau, Census 2000 special tabulation.

ADDITIONAL FINDINGS

What was the median value of mortgaged homes versus nonmortgaged homes?

Of all 55.2 million specified owneroccupied homes in the United States, 70 percent were mortgaged and 30 percent were nonmortgaged. The median value of single-family homes with a mortgage (\$128,800) was much higher than the median value of those without a mortgage (\$96,900).

What were the median values for homes within different structures?

Among all owner-occupied housing (69.8 million), not just specified, the median home value was \$111,800. For single-family detached homes (56.3 million) the median value was \$121,100 (see Figure 6). This estimate was significantly higher than the \$112,500 for single-family

attached units, which numbered 3.8 million and included townhouses, row houses, or duplexes. The median value for owner-occupied homes in buildings of two or more units (3.8 million) was \$116,600. Finally, for mobile homes (5.9 million) it was \$31,200.

What were the median values for new homes and old homes?

Of all owner-occupied homes, the 7.7 million new homes or those built between 1995 and March 2000 (median value \$146,300) were much more expensive than the 24 million old homes or those built before 1960 (median value \$95,600). As shown in Figure 7, the newer the home the higher the median value, except for the 12.3 million built in the 1970s (\$106,800), which was lower than the 9.1 million homes built during the 1960s (\$108,500).

WHY CENSUS 2000 ASKED ABOUT HOME VALUE

The value of home and property is an important measure of neighborhood quality, housing affordability, and wealth. These data provide socioeconomic information not captured by household income and comparative information on the state of local housing markets. The federal government uses this information for the development of transportation plans, policies, and programs. It uses this information in preparing the value of housing services for the National Income and Product Accounts. Value data are incorporated in annual reports that the President sends to the Congress about housing production, occupancy, and tenure, and in analyses of housing needs.

Accuracy of the Estimates

The data contained in this report are based on the sample of households who responded to the Census 2000 long form. Nationally, approximately one out of every six housing units was included in this sample. As a result, the sample estimates may differ somewhat from the 100-percent figures that would have been obtained if all housing units, people within those housing units, and people living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, and so forth. The sample estimates also differ from the values that would have been obtained from different samples of housing units, people within those housing units, and people living in group quarters. The deviation of a sample estimate from the average of all possible samples is called the sampling error.

In addition to the variability that arises from the sampling

procedures, both sample data and 100-percent data are subject to nonsampling error. Nonsampling error may be introduced during any of the various complex operations used to collect and process data. Such errors may include: not enumerating every household or every person in the population, failing to obtain all required information from the respondents, obtaining incorrect or inconsistent information, and recording information incorrectly. In addition, errors can occur during the field review of the enumerators' work, during clerical handling of the census questionnaires, or during the electronic processing of the questionnaires.

Nonsampling error may affect the data in two ways: (1) errors that are introduced randomly will increase the variability of the data and, therefore, should be reflected in the standard errors; and (2) errors that tend to be consistent in one direction will bias both sample and 100percent data in that direction. For example, if respondents consistently tend to underreport their incomes, then the resulting estimates of households or families by income category will tend to be understated for the higher income categories and overstated for the lower income categories. Such biases are not reflected in the standard errors.

While it is impossible to completely eliminate error from an operation as large and complex as the decennial census, the Census Bureau attempts to control the sources of such error during the data collection and processing operations. The primary sources of error and the programs instituted to control error in Census 2000 are described in detail in Summary File 3

Technical Documentation under Chapter 8, "Accuracy of the Data," located at www.census.gov/prod/cen2000/doc/sf3.pdf.

All statements in this Census 2000 Brief have undergone statistical testing and all comparisons are significant at the 90-percent confidence level, unless otherwise noted. The estimates in tables, maps, and other figures may vary from actual values due to sampling and nonsampling errors. As a result, estimates in one category may not be significantly different from estimates assigned to a different category. Further information on the accuracy of the data is located at www.census.gov/ prod/cen2000/doc/sf3.pdf. For further information on the computation and use of standard errors. contact the Decennial Statistical Studies Division at 301-763-4242.

For More Information

The Census 2000 Summary File 3 data are available from the

American Factfinder on the Internet (factfinder.census.gov). They were released on a state-by-state basis during 2002. For information on confidentiality protection, nonsampling error, sampling error, and definitions, also see www.census.gov/prod/cen2000/doc/sf3.pdf or contact the Customer Services Center at 301-763-INFO (4636).

Information on population and housing topics is presented in the Census 2000 Brief series, located on the Census Bureau's Web site at www.census.gov/population/www/cen2000/briefs.html. This series, which will be completed in 2003, presents information on race, Hispanic origin, age, sex, household type, housing tenure, and social, economic, and housing characteristics, such as ancestry, income, and housing costs.

For additional information on housing, including reports and survey data, visit the Census Bureau's Internet site at www.census.gov/hhes/www/housing.html. To find information about the availability of data products, including reports, CD-ROMs, and DVDs, call the Customer Services Center at 301-763-INFO (4636), or e-mail webmaster@census.gov.