

Construction and Housing

This section presents data on the construction industry and on various indicators of its activity and costs; on housing units and their characteristics and occupants; and on the characteristics and vacancy rates for commercial buildings. This edition contains data from the 1999 American Housing Survey.

The principal source of these data is the U.S. Census Bureau, which issues a variety of current publications. Construction statistics compiled by the Census Bureau appear in its *New Residential Construction and New Residential Sales* press releases and Web sites <<http://census.gov/const/www/>>. Statistics on expenditures by owners of residential properties are issued quarterly and annually in *Expenditures for Residential Upkeep and Improvements*. *Value of New Construction Put in Place* presents data on all types of construction and includes monthly composite cost indexes. Reports of the censuses of construction industries (see below) are also issued on various topics.

Other Census Bureau publications include the *Current Housing Reports* series, which comprises the quarterly *Housing Vacancies*, the quarterly *Market Absorption of Apartments*, the biennial *American Housing Survey* (formerly *Annual Housing Survey*), and reports of the censuses of housing and of construction industries. *Construction Review*, published quarterly by the International Trade Administration, U.S. Department of Commerce, contains many of the census series and other construction statistics series from the federal government and private agencies.

Other sources include the monthly *Dodge Construction Potentials* of F. W. Dodge Division, McGraw-Hill Information Systems Company, New York, NY, which presents national and state data on construction contracts; the National Association of Home Builders with state-level data on housing starts; the NATIONAL ASSOCIATION OF REALTORS®, which presents data

on existing home sales; the Society of Industrial and Office Realtors and Oncor International on commercial office and industrial space; the Bureau of Economic Analysis, which presents data on residential capital and gross housing product; and the U.S. Energy Information Administration, which provides data on commercial buildings through its periodic sample surveys.

Censuses and surveys—Censuses of the construction industry were first conducted by the Census Bureau for 1929, 1935, and 1939; beginning in 1967, a census has been taken every 5 years (through 1997, for years ending in “2” and “7”). The latest complete reports are for 1997. The 1997 census results are part of the 1997 Economic Census. See Table 926. See also text, Section 15, Business Enterprise.

The construction sector of the economic census, covers all employer establishments primarily engaged in (1) building construction by general contractors or operative builders; (2) heavy (nonbuilding) construction by general contractors; and (3) construction by special trade contractors. The 1997 census was conducted in accordance with the 1997 *North American Industry Classification System* (NAICS); the 1992 census was conducted in accordance with the 1987 *Standard Industrial Classification* (SIC). This sector now includes construction management and land subdividers and developers, not included previously. See text, Section 15, Business Enterprise, for general information on the SIC and NAICS.

From 1850 through 1930, the Census Bureau collected some housing data as part of its censuses of population and agriculture. Beginning in 1940, separate censuses of housing have been taken at 10-year intervals. For the 1970 and 1980 censuses, data on year-round housing

units were collected and issued on occupancy and structural characteristics, plumbing facilities, value, and rent; for 1990 such characteristics were presented for all housing units.

The American Housing Survey (*Current Housing Reports* Series H-150 and H-170), which began in 1973, provided an annual and ongoing series of data on selected housing and demographic characteristics until 1983. In 1984, the name of the survey was changed from the Annual Housing Survey. Currently, national data are collected every other year, and data for selected metropolitan areas are collected on a rotating basis. All samples represent a cross section of the housing stock in their respective areas. Estimates are subject to both sampling and nonsampling errors; caution should therefore be used in making comparisons between years.

Data on residential mortgages were collected continuously from 1890 to 1970, except 1930, as part of the decennial census by the Census Bureau. Since 1973,

mortgage status data, limited to single family homes on less than 10 acres with no business on the property, have been presented in the American Housing Survey. Data on mortgage activity are covered in Section 25, Banking and Finance.

Housing units—In general, a housing unit is a house, an apartment, a group of rooms or a single room occupied or intended for occupancy as separate living quarters; that is, the occupants live separately from any other individual in the building, and there is direct access from the outside or through a common hall. Transient accommodations, barracks for workers, and institutional-type quarters are not counted as housing units.

Statistical reliability—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

No. 925. Construction—Establishments, Employees, and Payroll by Kind of Business (NAICS Basis): 1998 and 1999

[For establishments with payroll. (5,798.3 represents 5,798,300). See Appendix III]

Industry	NAICS code ¹	Establishments		Paid employees ² (1,000)		Annual payroll (mil. dol.)	
		1998	1999	1998	1999	1998	1999
Construction	23	692,296	698,541	5,798.3	6,201.6	198,523.8	219,087.1
Building, developing, & general contracting	233	216,691	216,355	1,434.1	1,538.1	50,271.0	55,883.8
Land subdivision & land development	2331	11,359	12,383	56.3	68.0	2,262.5	2,814.5
Residential building construction	2332	161,501	160,178	688.3	741.6	20,340.9	23,225.8
Single-family housing construction	23321	153,422	151,952	626.0	677.1	18,241.2	20,956.6
Multifamily housing construction	23322	8,079	8,226	62.3	64.5	2,099.7	2,269.2
Nonresidential building construction	2333	43,831	43,794	689.5	728.5	27,667.6	29,843.5
Mfg & industrial building construction	23331	6,901	6,998	161.2	166.0	6,145.1	6,461.9
Commercial & institutional building construction	23332	36,930	36,796	528.3	562.5	21,522.5	23,381.6
Heavy construction	234	40,062	39,556	803.9	848.4	33,345.8	35,807.9
Highway, street, bridge, & tunnel construction	2341	12,186	11,911	267.1	284.4	12,525.5	13,469.4
Highway & street construction	23411	11,261	11,006	232.8	248.8	10,868.0	11,707.0
Bridge & tunnel construction	23412	925	905	34.3	35.6	1,657.5	1,762.5
Other heavy construction	2349	27,876	27,645	536.8	564.0	20,820.3	22,338.5
Water, sewer, & pipeline construction	23491	7,818	7,597	156.4	163.8	6,355.6	6,728.8
Power & communication transmission line construction	23492	3,302	3,436	76.4	85.3	2,786.3	3,187.0
Industrial nonbuilding structure construction	23493	709	696	100.2	98.6	3,784.2	3,844.7
All other heavy construction	23499	16,047	15,916	203.7	216.4	7,894.2	8,578.0
Special trade contractors	235	435,543	442,630	3,560.2	3,815.2	114,907.0	127,395.4
Plumbing, heating, & air-conditioning contractors	2351	88,502	89,125	817.3	862.0	28,510.4	31,044.9
Painting & wall covering contractors	2352	39,425	39,767	198.8	212.1	5,226.2	5,684.3
Electrical contractors	2353	65,670	66,220	692.6	742.5	25,344.1	28,361.5
Masonry, drywall, insulation, & tile contractors	2354	52,501	52,704	497.5	538.9	14,407.0	15,995.3
Masonry & stone contractors	23541	24,453	24,532	169.8	182.7	4,709.5	5,208.9
Drywall, plastering, acoustical, & insulation contractors	23542	21,567	21,515	287.4	312.7	8,535.0	9,454.2
Tile, marble, terrazzo, & mosaic contractors	23543	6,481	6,657	40.3	43.5	1,162.4	1,332.2
Carpentry & floor contractors	2355	57,265	57,801	303.9	327.8	8,071.8	9,104.4
Carpentry contractors	23551	44,182	44,449	237.2	256.3	6,163.2	6,935.4
Floor laying & other floor contractors	23552	13,083	13,352	66.6	71.5	1,908.6	2,169.1
Roofing, siding, & sheet metal contractors	2356	30,945	30,767	246.4	257.6	7,085.9	7,614.4
Concrete contractors	2357	29,553	29,870	244.5	269.2	7,719.0	8,718.1
Water well drilling contractors	2358	3,827	3,789	19.9	20.5	594.8	636.8
Other special trade contractors	2359	67,855	72,587	539.3	584.5	17,947.9	20,235.7
Structural steel erection contractors	23591	4,589	4,945	79.1	86.6	2,846.2	3,199.8
Glass & glazing contractors	23592	5,261	5,450	39.6	42.3	1,247.0	1,409.8
Excavation contractors	23593	23,185	25,060	118.5	133.2	3,977.9	4,625.7
Wrecking & demolition contractors	23594	1,339	1,519	18.3	19.4	638.4	703.0
Building equip & other machinery installation contractors	23595	4,055	4,374	72.6	73.4	3,198.2	3,472.6
All other special trade contractors	23599	29,426	31,239	211.3	229.6	6,040.2	6,824.9

¹ North American Industry Classification System code; see text, Section 15, Business Enterprise. ² Employees on the payroll for the pay period including March 12.

Source: U.S. Census Bureau, *County Business Patterns*, annual.

No. 926. Construction—Establishments, Employees, and Payroll by Kind of Business (NAICS Basis): 1997

[For establishments with payroll. (174,185 represents \$174,185,000,000). Based on the 1997 Economic Census; see Appendix III]

Kind of Business	NAICS code ¹	Number of employees			Payroll (mil. dol.)		Net value of construction work (mil. dol.)
		Number of establishments	All employees	Construction workers	All employees	Construction workers	
Construction	23	656,448	5,664,853	4,332,737	174,185	119,677	612,209
Building, developing, & general contracting	233	199,289	1,342,953	885,939	42,546	23,136	198,827
Land subdivision & land development	2331	8,186	41,827	10,977	1,510	254	10,248
Residential building construction	2332	146,394	629,887	407,801	16,731	8,762	100,124
Nonresidential building construction	2333	44,710	671,239	467,161	24,305	14,119	88,455
Heavy construction	234	42,557	880,400	710,898	30,292	22,219	105,639
Highway, street, bridge, & tunnel construction	2341	12,448	325,743	265,267	11,375	8,474	46,274
Other heavy construction	2349	30,109	554,657	445,630	18,917	13,745	59,365
Special trade contractors	235	414,602	3,441,500	2,735,901	101,347	74,322	307,743
Plumbing, heating, & air-conditioning contractors	2351	84,876	788,930	599,940	25,720	18,280	78,496
Painting & wall covering contractors	2352	37,480	195,331	160,740	4,543	3,431	12,050
Electrical contractors	2353	61,414	641,985	510,921	21,680	16,261	61,121
Masonry, drywall, insulation, & tile contractors	2354	49,917	470,701	407,700	12,612	10,073	34,843
Carpentry & floor contractors	2355	56,936	290,942	228,273	7,163	5,116	24,049
Roofing, siding, & sheet metal contractors	2356	30,557	253,315	197,294	6,495	4,370	21,976
Concrete contractors	2357	30,417	262,256	222,121	6,858	5,298	23,604
Water well drilling contractors	2358	3,862	21,214	15,360	576	399	2,132
Other special trade contractors	2359	59,143	516,824	393,552	15,699	11,095	49,472

¹ North American Industry Classification System, 1997; see text, Section 15, Business Enterprise.

Source: U.S. Census Bureau, *1997 Economic Census, Construction*, Series EC97C23S-IS, issued January 2000.

No. 927. Construction Materials—Producer Price Indexes: 1990 to 2000

[1982=100, except as noted. Data for 2000 are preliminary. For discussion of producer price indexes, see text, Section 14, Prices. This index, more formally known as the special commodity grouping index for construction materials, covers materials incorporated as integral part of a building or normally installed during construction and not readily removable. Excludes consumer durables such as kitchen ranges, refrigerators, etc. This index is not the same as the stage-of-processing index of intermediate materials and components for construction]

Commodity	1990	1993	1994	1995	1996	1997	1998	1999	2000
Construction materials	119.6	128.6	133.8	138.8	139.6	142.1	141.4	142.8	144.1
Interior solvent based paint	133.0	142.9	148.1	164.5	175.6	180.5	185.7	188.0	191.1
Construction products from plastics	117.2	116.6	122.9	133.8	130.9	128.2	126.2	128.0	135.8
Douglas fir, dressed	138.4	237.6	236.2	198.8	227.1	221.3	186.1	212.1	185.2
Southern pine, dressed	111.2	168.8	182.6	166.9	177.9	201.2	177.3	185.7	160.9
Millwork	130.4	156.6	162.4	163.8	166.6	170.9	171.1	174.7	176.4
Softwood plywood	119.6	169.7	176.8	188.1	173.7	175.5	174.9	207.0	173.8
Hardwood plywood and related products	102.7	115.4	122.3	122.2	124.9	127.1	126.9	128.6	130.1
Softwood plywood veneer, ex. reinforced/backed	142.3	216.0	207.8	203.5	189.3	201.7	180.1	197.4	182.2
Building paper and building board mill products	112.2	132.7	144.1	144.9	137.2	129.6	132.9	141.6	138.8
Steel pipe and tubes ¹	102.6	92.8	96.9	104.4	103.2	106.9	109.4	102.5	106.8
Builders hardware	133.0	144.9	148.0	153.2	156.5	158.4	160.8	161.9	163.9
Plumbing fixtures and brass fittings	144.3	155.9	159.6	166.0	171.1	174.5	175.1	176.7	180.5
Heating equipment	131.6	140.4	142.5	147.5	151.2	152.4	153.3	154.0	155.5
Metal doors, sash, and trim	131.4	136.6	142.0	156.5	159.3	161.0	161.3	162.2	165.0
Siding, aluminum ²	(NA)	117.2	119.4	132.4	125.5	132.1	134.5	135.4	142.8
Outdoor lighting equipment, including parts ³	113.0	115.5	115.4	120.8	122.9	123.2	122.8	122.3	124.7
Commercial fluorescent fixtures ⁴	113.0	117.4	116.2	121.0	123.4	122.8	119.0	118.7	118.3
Architectural and ornamental metalwork ⁵	118.7	119.5	123.4	128.0	131.3	133.5	135.4	136.2	139.8
Fabricated ferrous wire products ¹	114.6	119.3	122.6	125.7	126.8	128.0	130.1	130.6	130.0
Elevators, escalators, and other lifts	110.1	110.7	112.4	113.0	113.7	114.8	116.0	117.5	118.7
Stamped metal switch and receptacle box	158.0	172.9	179.1	183.5	186.3	189.0	191.5	192.8	182.7
Concrete ingredients and related products	115.3	123.4	128.7	134.7	138.8	142.5	147.6	152.1	155.6
Concrete products	113.5	120.2	124.6	129.4	132.3	126.0	140.0	143.7	147.8
Clay construction products exc. refractories	129.9	135.1	138.3	141.3	142.3	143.5	144.9	148.3	152.8
Prep. asphalt and tar roofing and siding products	95.8	94.9	92.9	97.8	97.4	96.5	95.7	95.2	100.0
Gypsum products	105.2	108.3	136.1	154.5	154.0	170.8	177.6	208.0	201.4
Insulation materials	108.4	105.8	111.9	118.8	118.9	117.7	119.7	131.7	128.4
Paving mixtures and blocks	101.2	102.0	103.2	105.8	107.6	113.2	112.5	112.9	130.3

NA Not available. ¹ June 1982=100. ² December 1982=100. ³ June 1985=100. ⁴ Recessed nonair. ⁵ December 1983=100.

Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

No. 928. Price and Cost Indexes for Construction: 1980 to 2000

[1996=100. Excludes Alaska and Hawaii. Indexes of certain of these sources are published on bases different from those shown here]

Name of index	1980	1985	1990	1995	1996	1997	1998	1999	2000
U.S. Census Bureau Composite:									
Fixed-weighted ¹	59.3	71.8	85.5	97.7	100.0	103.2	106.0	110.3	115.3
Implicit price deflator ²	59.0	71.1	85.0	97.8	100.0	103.3	106.1	110.4	115.4
U.S. Census Bureau houses under construction: ³									
Fixed-weighted	58.0	69.8	84.6	98.1	100.0	102.9	105.6	110.4	115.5
Price deflator	57.0	68.3	83.4	98.1	100.0	102.9	105.6	110.4	115.6
Federal Highway Administration, composite ⁴	79.7	83.6	88.9	99.8	100.0	107.5	105.2	112.7	119.3
Bureau of Reclamation composite ⁵	62	75	85	98	100	103	105	107	111
Turner Construction Co.:									
Building construction ⁶	54	74	87	97	100	104	109	113	118
Engineering News-Record: ⁷									
Buildings	60.6	75.8	84.4	97.1	100.0	105.0	105.8	107.9	110.5
Construction	57.6	74.6	84.2	97.3	100.0	103.6	105.3	107.8	110.6
Handy-Whitman public utility: ⁸									
Buildings ⁹	66	76	85	97	100	103	104	107	110
Electric	60	74	86	98	100	102	104	105	109
Gas	60	75	86	99	100	102	104	107	111
Water ¹⁰	64	76	85	98	100	102	104	107	112
C. A. Turner Telephone Plant ¹¹	79	77	87	96	100	102	102	101	103

¹ Weighted average of the various indexes used to deflate the Construction Put in Place series. In calculating the index, the weights (i.e., the composition of current dollar estimates in 1996 by category) are held constant. ² Derived ratio of total current to constant dollar Construction Put in Place (multiplied by 100). ³ Excludes value of site. ⁴ Based on average contract unit bid prices for composite mile (involving specific average amounts of excavation, paving, reinforcing steel, structural steel, and structural concrete). ⁵ Derived from the four quarterly indexes which are weighted averages of costs of labor, materials, and equipment for the construction of dams and reclamation projects. ⁶ Based on firm's cost experience with respect to labor rates, materials prices, competitive conditions, efficiency of plant and management, and productivity. ⁷ Building construction index computed on the basis of a hypothetical unit of construction requiring 6 bbl. of portland cement, 1,088 M bd. ft. of 2" x 4" lumber, 2,500 lb. of structural steel, and 68.38 hours of skilled labor. General construction index based on same materials components combined with 200 hours of common labor. ⁸ Based on data covering public utility construction costs in six geographic regions. Covers skilled and common labor. ⁹ As derived by U.S. Census Bureau. Covers steam generation plants only. ¹⁰ As derived by U.S. Census Bureau. Reflects costs for structures and improvements at water pumping and treatment plants. ¹¹ Computed by the Census Bureau by averaging the weighted component indexes published for six geographic regions.

Source: U.S. Census Bureau, *Current Construction Reports, Value of Construction Put in Place*, Series C30. Also in U.S. International Trade Administration, *Construction Review*, quarterly.

No. 929. Value of New Construction Put in Place: 1964 to 2000

[In millions of dollars (75,097 represents \$75,097,000,000). Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III]

Year	Current dollars					Constant (1996) dollars				
	Private		Residential buildings	Nonresidential buildings	Public	Private		Residential buildings	Nonresidential buildings	Public
	Total	Total ¹				Total	Total ¹			
1964	75,097	54,893	30,526	17,385	20,203	405,864	300,372	169,635	96,497	105,492
1970	105,890	77,982	35,863	28,171	27,908	429,041	321,940	155,113	115,372	107,101
1975	152,635	109,342	51,581	35,409	43,293	404,132	298,555	149,410	96,407	105,577
1980	273,936	210,290	100,381	72,480	63,646	464,144	364,101	175,822	129,275	100,043
1981	289,070	224,378	99,241	85,569	64,691	455,260	361,069	162,706	140,569	94,191
1982	279,332	216,268	84,676	92,690	63,064	423,729	333,894	134,605	145,054	89,835
1983	311,887	248,437	125,833	87,069	63,450	465,073	375,193	195,028	131,289	89,880
1984	370,190	299,952	155,015	107,680	70,238	534,557	437,325	231,396	155,261	97,232
1985	403,416	325,601	160,520	127,466	77,815	567,689	463,854	234,955	178,925	103,835
1986	433,454	348,872	190,677	120,917	84,582	588,804	479,623	266,481	163,740	109,182
1987	446,643	355,994	199,652	123,247	90,648	585,103	470,575	267,063	160,363	114,528
1988	462,012	367,277	204,496	130,854	94,735	583,396	467,599	263,385	164,191	115,797
1989	477,502	379,328	204,255	139,953	98,174	579,583	463,541	252,745	169,173	116,042
1990	476,778	369,300	191,103	143,506	107,478	560,802	436,999	228,943	167,896	123,803
1991	432,592	322,483	166,251	116,570	110,109	503,711	378,245	197,526	135,389	125,467
1992	463,661	347,814	199,393	105,646	115,847	533,322	401,567	232,134	120,921	131,755
1993	491,033	375,073	225,067	107,715	115,960	544,285	415,565	249,763	118,988	128,720
1994	539,193	418,999	258,561	120,284	120,193	574,256	445,414	274,966	127,576	128,842
1995	557,818	427,895	247,351	138,015	129,933	570,188	436,738	251,953	141,218	133,450
1996	615,900	476,638	281,115	155,858	139,263	615,797	476,650	281,207	155,813	139,147
1997	653,429	502,734	289,014	173,875	150,695	632,580	487,197	280,720	167,610	145,483
1998	704,724	551,383	314,607	190,710	153,341	664,244	519,859	297,960	177,644	144,385
1999	763,786	596,280	350,562	193,935	167,507	692,281	540,159	317,232	173,418	152,121
2000	815,414	640,554	374,274	210,140	174,860	706,899	555,089	323,708	179,654	151,810

¹ Includes other types of private construction, not shown separately.

Source: U.S. Census Bureau, *Current Construction Reports*, Series C30, *Value of Construction*, monthly.

No. 930. Value of New Construction Put in Place by Type: 1990 to 2000

[In millions of dollars (476,778 represents \$476,778,000,000). Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Includes installed cost of normal building service equipment and selected types of industrial production equipment (largely site fabricated). Excludes cost of shipbuilding, land, and most types of machinery and equipment. For methodology, see Appendix III]

Type of construction	Current dollars					Constant (1996) dollars				
	1990	1995	1998	1999	2000	1990	1995	1998	1999	2000
Total new construction.	476,778	557,818	704,724	763,786	815,414	560,802	570,188	664,244	692,281	706,899
Private construction	369,300	427,885	551,383	596,280	640,554	436,999	436,738	519,859	540,159	555,089
Residential buildings	191,103	247,351	314,607	350,562	374,274	228,943	251,953	297,960	317,232	323,708
New housing units	132,137	171,404	223,983	251,272	264,864	158,319	174,585	212,068	227,461	229,103
1 unit	112,886	153,515	199,409	223,837	236,788	135,253	156,363	188,785	202,615	204,812
2 or more units	19,250	17,889	24,574	27,434	28,076	23,066	18,222	23,283	24,847	24,292
Improvements	58,966	75,947	90,624	99,290	109,410	70,625	77,368	85,892	89,771	94,605
Nonresidential buildings	143,506	138,015	190,710	193,935	210,140	167,896	141,218	177,644	173,418	179,654
Industrial	33,636	35,498	40,484	32,639	32,073	39,350	36,322	37,720	29,204	27,419
Office	35,055	25,613	42,226	47,582	55,686	41,027	26,218	39,333	42,549	47,594
Hotels, motels	10,679	7,112	14,816	15,951	16,396	12,497	7,274	13,794	14,273	14,027
Other commercial	40,047	42,654	53,598	56,915	61,453	46,847	43,636	49,915	50,867	52,539
Religious	3,566	4,326	6,594	7,371	8,068	4,169	4,426	6,139	6,590	6,898
Educational	4,616	5,493	9,698	9,645	11,356	5,398	5,621	9,039	8,621	9,707
Hospital and institutional	10,868	11,248	13,793	13,530	14,575	12,710	11,512	12,853	12,101	12,459
Miscellaneous ¹	5,040	6,071	9,501	10,301	10,533	5,897	6,209	8,850	9,214	9,010
Farm nonresidential	2,801	3,014	4,284	5,008	5,158	3,276	3,084	3,989	4,474	4,407
Public utilities	28,933	36,084	39,212	44,066	48,084	33,505	36,965	37,818	42,534	44,749
Telecommunications	9,803	11,093	12,458	18,404	17,994	11,346	11,556	12,188	18,305	17,497
Other public utilities	19,130	24,991	26,754	25,662	30,089	22,159	25,409	25,631	24,229	27,253
Railroads	2,600	3,509	5,736	4,670	4,226	2,969	3,609	5,463	4,311	3,750
Electric light and power	11,299	14,274	12,381	14,585	21,111	13,083	14,535	11,883	13,892	19,251
Gas	4,820	6,279	7,372	4,918	3,750	5,627	6,329	7,072	4,625	3,354
Petroleum pipelines	411	929	1,265	1,489	1,003	480	936	1,213	1,401	897
All other private ²	2,957	3,220	2,570	2,709	2,899	3,379	3,518	2,447	2,501	2,570
Public construction	107,478	129,933	153,341	167,507	174,860	123,803	133,450	144,385	152,121	151,810
Buildings	43,615	57,754	71,776	76,542	82,275	51,117	59,074	66,920	68,474	70,390
Housing and redevelopment	3,808	4,698	4,922	5,138	5,228	4,560	4,786	4,663	4,653	4,521
Industrial	1,434	1,508	1,010	925	1,159	1,677	1,544	941	827	991
Educational	16,055	25,783	34,828	38,966	43,560	18,772	26,374	32,431	34,821	37,237
Hospital	2,860	4,236	3,906	3,932	4,007	3,348	4,335	3,641	3,516	3,427
Other ³	19,458	21,528	27,110	27,582	28,321	22,760	22,034	25,245	24,657	24,214
Highways and streets	32,105	37,616	45,565	51,374	52,088	35,879	38,952	43,085	46,858	45,230
Military facilities	2,665	3,011	2,530	2,130	2,337	3,050	3,102	2,377	1,926	2,016
Conservation and development	4,686	6,308	5,452	5,993	6,014	5,482	6,443	5,223	5,594	5,449
Sewer systems	10,276	8,420	9,367	10,343	10,287	12,010	8,600	8,976	9,653	9,324
Water supply facilities	4,909	4,709	6,290	6,844	6,928	5,730	4,809	6,035	6,431	6,160
Miscellaneous public ⁴	9,223	12,116	12,361	14,280	14,930	10,535	12,468	11,767	13,185	13,241

¹ Includes amusement and recreational buildings, bus and airline terminals, animal hospitals and shelters, etc. ² Includes privately owned streets and bridges, parking areas, sewer and water facilities, parks and playgrounds, golf courses, airfields, etc. ³ Includes general administrative buildings, prisons, police and fire stations, courthouses, civic centers, passenger terminals, space facilities, postal facilities, etc. ⁴ Includes open amusement and recreational facilities, power generating facilities, transit systems, airfields, open parking facilities, etc.

Source: U.S. Census Bureau, *Current Construction Reports*, Series C30, *Value of Construction*, monthly.

No. 931. Value of Private Nonresidential Construction Put in Place: 1993 to 2000

[In millions of dollars (110,996 represents \$110,996,000,000). Represents value of construction put in place during year; differs from building permit and construction contract data in timing and coverage. Data are not directly comparable to Tables 929 and 930 due to a new classification system which bases project types on their end usage instead of building/nonbuilding and ownership types. See Appendix III]

Type of construction	1993	1994	1995	1996	1997	1998	1999	2000 ¹
Total construction²	110,996	123,174	141,435	158,663	176,267	193,280	196,644	213,039
Lodging	4,590	4,657	7,131	10,914	12,898	14,818	15,955	16,407
Office	219,999	20,443	22,996	26,530	32,813	40,394	45,052	52,811
General	17,314	18,008	20,569	23,216	29,301	37,615	41,745	49,964
Financial	2,604	2,361	2,339	3,231	3,157	2,636	3,125	2,765
Commercial ²	31,005	36,389	41,082	45,723	49,723	51,398	54,317	59,050
Automotive ²	2,077	2,731	4,191	5,251	5,736	5,270	5,904	5,930
Sales	473	659	883	1,250	1,743	1,542	1,573	1,664
Service/parts	1,099	1,613	2,448	2,993	3,213	2,527	3,270	2,894
Parking	421	458	860	1,008	781	1,200	1,062	1,372
Food/beverage ²	6,201	6,133	7,169	7,478	8,566	9,118	8,277	8,923
Food	2,766	2,627	3,062	3,776	4,658	4,665	4,610	4,933
Dining/drinking	2,108	2,830	3,408	2,958	3,058	3,817	2,874	2,960
Fast food	1,243	670	699	744	850	636	793	1,029
Multiretail ²	11,483	12,228	11,976	13,331	12,157	13,254	15,234	15,289
General merchandise	3,787	5,421	5,339	5,159	4,083	3,778	4,668	5,226
Shopping center	4,942	4,585	4,086	5,496	5,694	6,045	7,186	6,982
Shopping mall	1,973	1,718	2,175	2,189	1,949	2,917	2,873	2,575
Other commercial ²	5,934	8,994	8,432	8,202	10,203	11,050	11,179	14,082
Drug store	349	326	536	750	1,007	1,409	1,645	1,692
Building supply store	850	1,194	1,372	1,201	1,323	1,742	1,588	2,692
Other stores	4,264	6,226	5,653	5,327	7,090	7,025	6,849	8,559
Warehouse	5,181	6,298	9,299	11,458	12,563	12,698	13,702	14,781
General commercial	5,079	6,166	8,944	10,849	11,501	11,732	12,756	13,421
Mini-storage	86	126	319	594	993	918	892	1,312
Health care	14,939	15,447	15,259	15,420	17,390	17,737	18,388	19,332
Hospital	9,754	9,891	8,807	8,348	9,968	9,469	9,490	10,309
Medical building	2,840	3,398	4,064	3,728	4,001	4,070	4,911	4,803
Special care	2,345	2,158	2,388	3,344	3,421	4,197	3,987	4,220
Educational ²	4,814	5,009	5,699	6,985	8,802	9,829	9,756	11,672
Preschool	169	421	326	398	531	619	662	794
Primary/secondary	725	849	1,245	1,560	2,032	2,174	2,421	2,949
Higher education ²	3,240	2,939	3,055	3,619	4,327	4,945	5,204	6,221
Instructional	1,806	1,937	1,712	2,028	1,991	2,469	2,258	2,949
Dormitory	521	324	483	573	789	955	1,274	1,367
Sports/recreation	220	236	192	260	475	403	515	677
Other educational	549	649	817	1,042	1,714	1,798	1,232	1,372
Gallery/museum	357	387	571	662	1,107	1,127	778	970
Religious ²	3,894	3,871	4,348	4,537	5,782	6,604	7,372	8,079
House of worship	2,804	2,808	2,951	3,211	3,844	4,549	5,056	5,713
Other religious	1,075	1,051	1,389	1,318	1,935	2,054	2,314	2,339
Auxiliary building	382	507	619	620	874	992	1,252	1,287
Public safety	215	327	185	321	569	586	465	439
Amusement and recreation ²	4,601	5,108	5,886	7,016	8,537	8,589	9,551	8,995
Theme/amusement park	478	709	563	727	723	866	919	761
Sports	534	716	910	1,193	1,333	1,136	1,495	1,096
Fitness	509	458	637	622	801	889	1,137	1,188
Performance/meeting center	274	369	365	539	628	603	546	796
Social center	1,488	1,293	1,558	1,597	1,979	2,093	2,006	2,361
Movie theater/studio	331	623	848	1,271	2,199	2,441	2,376	1,513
Transportation ²	1,572	1,364	1,250	1,422	1,285	1,554	1,855	2,555
Air	1,026	914	666	871	901	1,093	1,107	1,736
Land	401	233	499	396	261	376	494	654
Sewage and waste disposal	373	299	576	637	468	339	516	501
Water supply	426	567	670	468	448	543	413	716
Manufacturing	23,371	28,845	35,364	38,101	37,624	40,482	32,631	32,061
Food/beverage/tobacco	2,031	2,809	4,525	4,294	3,957	3,538	3,383	3,357
Textile/apparel/leather & allied	773	651	824	743	584	712	456	347
Wood	279	413	616	689	522	492	427	413
Paper	1,866	1,623	1,448	1,711	1,548	1,232	837	603
Print/publishing	539	739	1,197	993	930	1,104	856	711
Petroleum/coal	2,729	2,593	4,741	2,348	1,186	1,064	927	1,252
Chemical	4,937	6,270	5,531	5,445	6,034	8,264	6,181	3,395
Plastic/rubber	1,808	1,121	1,475	1,632	1,959	2,137	2,222	1,385
Nonmetallic mineral	160	222	856	1,220	1,004	1,481	1,188	1,704
Primary metal	834	2,567	2,533	2,244	2,802	2,603	1,993	1,737
Fabricated metal	442	744	808	1,585	2,162	2,036	1,890	1,880
Machinery	352	1,296	1,275	1,169	1,106	1,257	965	704
Computer/electronic/electrical	2,158	4,118	6,332	8,945	7,537	7,557	4,415	5,379
Transportation equipment	2,289	2,631	2,382	2,948	3,453	3,497	3,418	5,051
Furniture	121	260	213	308	167	296	282	362
Miscellaneous	2,033	788	607	1,827	2,671	3,212	3,190	3,779

¹ Preliminary. ² Includes other types of construction, not shown separately.

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/pub/const/C30/newtc.html>> (accessed 7 August 2001).

No. 932. Value of State and Local Government Construction Put in Place: 1993 to 2000

[In millions of dollars (101,535 represents \$101,535,000,000). See headnote, Table 931]

Type of construction	1993	1994	1995	1996	1997	1998	1999	2000 ¹
Total construction²	101,535	105,753	114,181	123,938	136,608	139,223	153,505	161,053
Residential	3,686	3,359	4,043	4,220	4,336	4,090	4,597	4,591
Multifamily	3,441	3,233	3,976	4,144	4,238	3,997	4,578	4,564
Office	3,192	3,559	3,914	4,404	4,619	4,571	4,305	5,268
Commercial ²	1,119	1,075	1,329	1,724	2,227	1,977	2,408	2,116
Automotive	619	750	965	1,257	1,553	1,590	1,831	1,427
Parking	430	561	794	1,020	1,425	1,536	1,629	1,321
Warehouse	252	135	231	280	295	256	327	396
Health care	2,676	2,856	3,156	3,442	3,501	2,863	3,020	3,295
Hospital	1,431	1,633	1,960	2,108	2,498	1,965	2,118	2,258
Medical building	751	766	801	937	657	512	471	576
Special care	495	458	395	396	345	386	431	461
Educational ²	19,227	20,541	25,743	28,603	33,758	34,847	39,011	43,607
Primary/secondary ²	12,781	13,348	17,545	20,009	23,853	25,938	28,923	31,545
Elementary	4,533	4,177	5,242	6,301	8,015	9,447	9,783	11,213
Middle/junior high	2,789	2,637	3,745	3,685	3,988	3,908	5,683	5,395
High	3,170	3,638	4,833	6,130	6,687	7,589	10,485	12,612
Higher education ²	5,294	6,047	6,883	7,311	8,198	7,681	8,459	9,961
Instructional	3,311	3,977	4,277	4,746	4,459	4,283	5,002	5,933
Parking	91	133	158	169	262	329	350	442
Administration	107	108	128	91	189	178	256	280
Dormitory	346	384	324	396	388	545	761	986
Library	252	212	300	439	695	367	310	271
Student union/cafeteria	104	170	238	231	405	317	283	303
Sports/recreation	474	535	625	538	873	792	728	864
Infrastructure	537	494	788	585	654	777	666	771
Other educational	929	864	1,110	1,121	1,250	1,122	1,301	1,559
Library/archive	475	481	704	853	779	563	896	923
Public safety ²	5,226	5,371	5,928	6,718	6,668	7,515	7,505	6,854
Correctional	4,459	4,724	4,854	5,586	5,701	6,536	6,284	5,552
Detention	3,964	4,224	4,049	4,749	4,786	5,574	5,102	4,531
Police/sheriff	495	500	804	837	916	962	1,182	1,021
Other public safety	705	634	1,025	1,126	967	979	1,222	1,302
Fire/rescue	496	457	652	831	773	788	1,041	1,175
Amusement and recreation	4,943	5,612	6,142	6,056	6,857	7,605	8,735	8,750
Sports	1,398	1,227	1,637	1,477	2,311	3,147	3,249	2,699
Performance/meeting center	1,517	1,449	1,751	2,127	1,629	1,334	1,497	2,304
Convention center	1,158	1,076	1,224	1,318	938	829	1,047	1,608
Social center	883	1,089	772	911	961	939	1,334	1,367
Neighborhood center	487	670	581	612	673	617	1,010	1,049
Park/camp	916	1,604	1,696	1,430	1,874	2,004	2,462	2,241
Transportation	8,803	8,647	8,967	9,998	9,708	10,115	10,778	12,154
Air ²	5,088	3,858	3,855	4,666	4,852	5,546	5,690	6,233
Passenger terminal	1,650	996	1,209	1,656	2,086	2,178	2,113	2,718
Runway	2,503	2,065	2,176	2,593	2,260	2,541	2,962	3,011
Land ²	2,952	3,757	4,009	4,067	3,642	3,794	4,078	4,856
Passenger terminal	526	907	1,147	1,362	1,237	1,212	1,192	1,182
Mass transit	1,273	1,534	1,734	1,787	1,607	1,537	1,288	1,423
Railroad	327	498	462	402	401	559	983	1,364
Water ²	764	1,033	1,103	1,264	1,214	775	1,011	1,065
Dock/marina	524	579	690	898	729	418	625	810
Dry dock/marine terminal	101	212	204	308	477	349	386	220
Power	3,159	2,763	2,879	2,503	3,101	2,227	2,637	3,502
Electrical	2,654	1,893	2,231	2,225	2,893	2,044	2,440	3,441
Distribution	920	482	733	656	1,650	1,505	1,433	1,378
Highway and street ²	34,353	37,281	37,616	39,500	43,017	45,722	51,748	52,235
Pavement	26,503	29,402	29,164	30,472	32,416	33,894	38,393	38,271
Lighting	543	570	659	796	812	1,204	956	882
Retaining wall	219	325	187	176	493	723	858	1,116
Tunnel	393	454	346	430	539	877	972	919
Bridge	5,961	5,909	6,615	6,682	7,299	7,371	8,910	9,521
Toll/weigh	170	107	152	138	219	252	291	330
Maintenance building	119	158	53	159	307	369	372	300
Rest facility/streetscape	27	94	167	464	722	857	987	895
Sewage and waste disposal ²	8,875	8,714	8,419	9,801	10,515	9,366	10,342	10,287
Sewage/dry waste	5,237	5,370	4,825	6,420	6,830	6,208	6,965	6,841
Plant	2,076	1,822	1,641	2,173	1,969	1,813	2,141	1,988
Line/pump station	2,612	3,225	2,960	4,001	4,639	4,165	4,536	4,671
Waste water	3,480	3,215	3,522	3,346	3,664	3,124	3,372	3,447
Plant	2,714	2,367	2,467	2,211	2,680	2,150	2,567	2,385
Line/drain	766	848	1,055	1,135	984	975	805	1,061
Water supply ²	5,089	4,651	4,713	5,618	6,493	6,290	6,844	6,928
Plant	1,520	1,368	1,204	1,372	1,664	1,804	2,114	2,245
Well	118	170	212	260	179	234	250	272
Line	2,550	2,319	2,516	2,841	3,353	2,923	3,037	3,387
Pump station	193	274	286	437	349	394	559	429
Reservoir	317	260	208	409	514	403	401	194
Tank/tower	262	225	246	298	433	531	483	400
Conservation and development ²	1,052	1,194	1,265	1,191	1,503	1,433	1,282	1,114
Dam/levee	149	205	329	349	631	593	500	355
Breakwater/jetty	320	431	358	472	360	453	363	316
Dredging	105	176	151	83	161	120	169	171

¹ Preliminary. ² Includes other types of construction, not shown separately.

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/pub/const/C30/newtc.html>> (accessed 7 August 2001).

No. 933. Construction Contracts—Value of Construction and Floor Space of Buildings by Class of Construction: 1980 to 2000

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No. 934. Construction Contracts—Value by State: 1990 to 2000

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No. 935. New Privately-Owned Housing Units Authorized by State: 1999 and 2000

[1,663.5 represents 1,663,500. Based on about 19,000 places in United States having building permit systems]

State	Housing units (1,000)			Valuation (mil. dol.)			State	Housing units (1,000)			Valuation (mil. dol.)		
	2000			2000				2000			2000		
	1999	Total	1 unit	1999	Total	1 unit		1999	Total	1 unit	1999	Total	1 unit
U.S.	1,663.5	1,592.3	1,198.1	181,246	185,744	160,623							
AL	19.0	17.4	13.7	1,883	1,718	1,499	MO	26.8	24.3	17.9	2,739	2,569	2,234
AK	2.2	2.1	1.6	307	333	274	MT	2.6	2.6	1.6	226	235	182
AZ	65.1	61.5	48.8	7,350	7,158	6,357	NE	8.7	9.1	6.5	828	830	716
AR	11.5	9.2	6.9	966	859	768	NV	32.6	32.3	25.7	2,977	3,312	2,954
CA	138.0	145.6	105.0	21,031	23,344	19,997	NH	6.3	6.7	6.1	782	937	895
CO	49.3	54.6	38.6	6,036	6,822	5,650	NJ	32.0	34.6	25.3	3,162	3,376	2,870
CT	10.6	9.4	8.2	1,466	1,425	1,328	NM	9.7	8.9	8.2	1,080	1,073	1,039
DE	5.3	4.6	3.9	492	414	388	NY	42.6	44.1	23.9	4,411	4,992	3,493
DC	0.7	0.8	0.2	53	54	22	NC	84.8	78.4	59.1	8,617	8,643	7,724
FL	164.7	155.3	106.4	16,102	17,462	13,540	ND	2.6	2.1	1.3	223	190	147
GA	89.6	91.8	68.9	8,749	8,722	7,586	OH	55.9	49.7	38.0	6,401	6,154	5,551
HI	4.2	4.9	4.3	633	823	745	OK	14.2	11.1	9.0	1,430	1,204	1,100
ID	12.2	10.9	9.7	1,357	1,359	1,287	OR	23.2	19.9	15.6	2,653	2,533	2,248
IL	54.0	51.9	37.8	6,538	6,528	5,612	PA	42.7	41.1	34.5	4,635	4,616	4,216
IN	41.5	37.9	30.4	4,748	4,414	4,044	RI	3.4	2.6	2.3	336	296	277
IA	13.4	12.5	8.5	1,400	1,333	1,099	SC	36.2	32.8	24.9	3,615	3,533	3,037
KS	15.7	12.5	9.3	1,667	1,397	1,235	SD	3.7	4.2	3.1	330	369	313
KY	21.6	18.5	14.8	1,909	1,767	1,607	TN	37.0	32.2	24.4	3,835	3,378	2,986
LA	17.8	14.7	13.1	1,767	1,553	1,447	TX	146.6	141.2	108.6	14,041	15,418	13,810
ME	5.7	6.2	5.7	623	723	692	UT	20.5	17.6	14.7	2,287	2,138	1,938
MD	29.8	30.4	25.1	3,102	3,232	2,961	VT	2.6	2.5	2.2	305	319	280
MA	19.0	18.0	14.2	2,666	2,741	2,380	VA	53.2	48.4	39.8	5,142	5,052	4,622
MI	54.3	52.5	43.0	6,205	6,256	5,696	WA	42.8	39.0	25.5	4,578	4,426	3,502
MN	33.3	32.8	25.5	4,053	4,204	3,614	WV	4.2	3.8	3.3	381	360	340
MS	12.9	11.3	7.6	990	918	748	WI	35.6	34.2	24.0	3,863	3,917	3,270
							WY	1.9	1.6	1.4	279	314	303

Source: U.S. Census Bureau, *Construction Reports*, Series C40, *Building Permits*, monthly; publication discontinued in 2001. See Internet site <<http://www.census.gov/hfp/pub/const/www/newresconstindex.html>> and *New Residential Construction*, monthly.

No. 936. New Privately-Owned Housing Units Started—Selected Characteristics: 1970 to 2000

[In thousands (1,434 represents 1,434,000). For composition of regions, see map, inside front cover]

Year	Structures with—				Region				Units for sale		
	Total units	One unit	2 to 4 units	5 or more units	North-east	Mid-west	South	West	Total	Single-family	Multi-family
1970	1,434	813	85	536	218	294	612	311	(NA)	(NA)	(NA)
1975	1,160	892	64	204	149	294	442	275	576	531	45
1976	1,538	1,162	86	289	169	400	569	400	768	705	63
1977	1,987	1,451	122	414	202	465	783	538	994	904	90
1978	2,020	1,433	125	462	200	451	824	545	1,032	901	131
1979	1,745	1,194	122	429	178	349	748	470	915	742	173
1980	1,292	852	110	331	125	218	643	306	689	526	163
1981	1,084	705	91	288	117	165	562	240	584	426	158
1982	1,062	663	80	320	117	149	591	205	549	409	140
1983	1,703	1,068	113	522	168	218	935	382	923	713	210
1984	1,750	1,084	121	544	204	243	866	436	934	728	206
1985	1,742	1,072	93	576	252	240	782	468	867	713	154
1986	1,805	1,179	84	542	294	296	733	483	925	782	143
1987	1,621	1,146	65	409	269	298	634	420	862	732	130
1988	1,488	1,081	59	348	235	274	575	404	808	709	99
1989	1,376	1,003	55	318	179	266	536	396	735	648	87
1990	1,193	895	37	260	131	253	479	329	585	529	56
1991	1,014	840	36	138	113	233	414	254	531	490	41
1992	1,200	1,030	31	139	127	288	497	288	659	618	41
1993	1,288	1,126	29	133	126	298	562	302	760	716	44
1994	1,457	1,198	35	224	138	329	639	351	815	763	52
1995	1,354	1,076	34	244	118	290	615	331	763	712	51
1996	1,477	1,161	45	271	132	322	662	361	833	774	59
1997	1,474	1,134	44	296	137	304	670	363	843	784	59
1998	1,617	1,271	43	303	149	331	743	395	941	882	59
1999	1,641	1,302	32	307	156	347	746	392	981	912	69
2000	1,569	1,231	39	299	155	318	714	383	946	871	75

NA Not available.

Source: U.S. Census Bureau, *Current Construction Reports*, Series C20, *Housing Starts*, monthly; publication discontinued in 2001. See Internet site <<http://www.census.gov/const/www/newresconstindex.html>> and *New Residential Construction*, monthly.

No. 937. New Privately-Owned Housing Units Started by State: 1997 to 2000

[In thousands of units (1,476 represents 1,476,000)]

State	2000					State	2000				
	1997	1998	1999	Total units	Single-family units		1997	1998	1999	Total units	Single-family units
U.S.	1,476	1,623	1,660	1,535	1,223	MO	27.9	29.7	29.6	26.0	22.2
AL	21.7	23.7	23.5	21.2	17.7	MT	2.5	2.4	2.5	2.2	1.4
AK	2.5	2.7	2.4	2.1	1.6	NE	9.8	9.8	9.7	8.4	6.2
AZ	58.2	65.2	66.5	60.0	48.2	NH	35.6	36.4	35.1	34.5	25.3
AR	13.0	12.9	13.7	12.5	9.5	NV	5.3	5.7	6.0	6.0	5.6
CA	109.1	123.0	129.9	128.2	99.9	NJ	26.8	29.7	31.9	31.2	25.4
CO	43.8	50.6	49.9	45.9	36.0	NM	10.5	9.4	9.2	8.1	7.2
CT	9.1	11.0	10.6	10.0	8.7	NY	30.5	34.0	36.3	34.9	22.7
DE	4.9	5.5	5.4	5.2	4.8	NC	74.1	81.5	85.8	74.8	59.2
DC	-	0.4	0.7	0.4	0.3	ND	3.2	3.3	3.2	2.7	1.8
FL	135.2	143.9	152.8	148.1	104.9	OH	44.6	47.0	49.8	45.3	37.7
GA	78.6	87.1	88.4	81.5	68.4	OK	13.2	16.3	16.2	15.5	12.4
HI	3.8	3.4	3.7	3.8	3.2	OR	26.6	25.6	24.5	22.2	15.8
ID	10.5	12.0	12.6	11.5	10.1	PA	38.6	40.1	41.1	37.5	32.4
IL	46.5	49.2	52.4	48.1	38.9	RI	2.6	2.7	2.9	2.7	2.5
IN	36.0	40.8	41.8	37.6	32.3	SC	31.2	33.2	35.8	33.9	27.1
IA	11.2	13.7	13.6	13.0	10.7	SD	3.4	3.8	4.1	3.5	2.8
KS	13.6	15.6	16.4	15.2	11.7	TN	37.8	37.4	37.3	33.9	29.9
KY	20.5	23.2	23.2	21.4	17.5	TX	134.0	159.8	155.2	148.4	108.3
LA	16.7	17.8	18.6	15.8	13.4	UT	19.8	21.1	20.5	19.5	16.1
ME	4.6	5.8	5.8	5.8	5.5	VT	1.8	2.2	2.4	2.4	2.1
MD	26.5	31.2	30.3	27.9	23.0	VA	46.9	50.9	53.0	50.2	42.6
MA	16.9	18.2	18.0	17.7	15.5	WA	40.7	44.0	43.7	40.9	28.4
MI	49.0	54.5	55.4	50.9	44.2	WV	5.1	5.1	5.8	5.3	4.1
MN	25.2	30.8	32.9	30.7	26.8	WI	30.7	34.3	35.4	32.0	24.7
MS	12.2	15.0	15.2	12.8	10.1	WY	1.9	2.1	2.0	1.8	1.5

- Represents or rounds to zero.

Source: National Association of Home Builders, Economics Division, Washington, DC. Data provided by the Econometric Forecasting Service.

No. 938. Characteristics of New Privately-Owned One-Family Houses Completed: 1970 to 1999

[Percent distribution, except as indicated (793 represents 793,000). Data beginning 1980 show percent distribution of characteristics for all houses completed (includes new houses completed, houses built for sale completed, contractor-built and owner-built houses completed, and houses completed for rent). Data for 1970 exclude contractor-built, owner-built, and houses for rent for year construction started and houses sold for year of sale. Percents exclude houses for which characteristics specified were not reported]

Characteristic	1970	1980	1990	1995	1999	Characteristic	1970	1980	1990	1995	1999
Total houses (1,000)	793	957	966	1,066	1,307	Bedrooms	100	100	100	100	100
Financing¹	100	100	100	100	100	2 or less	13	17	15	13	12
Mortgage	84	82	82	88	91	3	63	63	57	57	54
FHA-insured	30	16	14	8	9	4 or more	24	20	29	30	34
VA-guaranteed	7	8	4	5	3	Bathrooms	100	100	100	100	100
Conventional	47	55	62	74	79	1 1/2 or less	52	27	13	11	7
Rural Housing Service ²	(³)	3	2	1	1	2	32	48	42	41	38
Cash or equivalent	16	18	18	12	9	2 1/2 or more	16	25	45	48	55
Floor area	100	100	100	100	100	Heating fuel	100	100	100	100	100
Under 1,200 sq. ft.	36	21	11	10	7	Gas	62	41	59	67	70
1,200 to 1,999 sq. ft.	28	29	22	22	19	Electricity	28	50	33	28	27
1,600 to 1,999 sq. ft.	16	22	22	23	22	Oil	8	3	5	3	3
2,000 to 2,399 sq. ft.	21	13	17	17	18	Other	1	5	3	1	1
2,400 sq. ft. and over	(⁴)	15	29	28	34	Heating system	100	100	100	100	100
Average (sq. ft.)	1,500	1,740	2,080	2,095	2,225	Warm air furnace	71	57	65	67	72
Median (sq. ft.)	1,385	1,595	1,905	1,920	2,030	Electric heat pump	(NA)	24	23	25	22
Number of stories	100	100	100	100	100	Other	29	19	12	9	6
1	74	60	46	49	48	Central air-conditioning	100	100	100	100	100
2 or more	17	31	49	48	51	With	34	63	76	80	84
Split level	10	8	4	3	1	Without	66	37	24	20	16
Foundation	100	100	100	100	100	Fireplaces	100	100	100	100	100
Full or partial basement	37	36	38	39	37	No fireplace	65	43	34	37	38
Slab	36	45	40	42	47	1 or more	35	56	66	63	62
Crawl space	27	19	21	19	17	Parking facilities	100	100	100	100	100
						Garage	58	69	82	84	87
						Carport	17	7	2	2	1
						No garage or carport	25	24	16	14	12

NA Not available. ¹ Excludes homes not yet sold. ² Prior to 1999, Farmers Home Administration. ³ Included with "Conventional" financing. ⁴ Included with floor area of 2,000 to 2,399 square feet.

Source: U.S. Census Bureau and U.S. Dept. of Housing and Urban Development, *Current Construction Reports*, Series C25, *New One-Family Houses Sold*, monthly, and *Characteristics of New Housing*, annual; publication discontinued in 2001, see Internet site <<http://www.census.gov/const/www/newressalesindex.html>>.

No. 939. New Privately Owned One-Family Houses Sold by Region and Type of Financing, 1980 to 2000, and by Sales-Price Group, 2000

[In thousands (545 represents 545,000). Based on a national probability sample of monthly interviews with builders or owners of 1-family houses for which building permits have been issued or, for nonpermit areas, on which construction has started. For details, see source. For composition of regions, see map inside front cover]

Year and sales-price group	Region					Financing type			
	Total sales	North-east	Midwest	South	West	Conventional ¹	FHA and VA	Rural Housing Service ²	Cash
1980	545	50	81	267	145	302	196	14	32
1985	688	112	82	323	170	403	208	11	64
1990	534	71	89	225	149	337	138	10	50
1994	670	61	123	295	191	490	130	9	41
1995	667	55	125	300	187	490	129	9	39
1996	757	74	137	337	209	570	140	9	38
1997	804	78	140	363	223	616	137	6	46
1998	886	81	144	398	243	693	136	9	48
1999	890	76	168	395	242	689	143	6	41
2000	877	71	155	406	244	695	138	4	40
Under \$100,000	88	3	13	65	8	(NA)	(NA)	(NA)	(NA)
\$100,000 to \$149,999	262	12	47	142	62	(NA)	(NA)	(NA)	(NA)
\$150,000 to \$199,999	200	15	39	89	56	(NA)	(NA)	(NA)	(NA)
\$200,000 to \$299,999	194	20	35	71	69	(NA)	(NA)	(NA)	(NA)
\$300,000 and over	132	22	23	39	49	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Includes all other types of financing. ² Prior to 1996, the Farmers Home Administration.

Source: U.S. Census Bureau and U.S. Dept. of Housing and Urban Development, *Current Construction Reports*, Series C25, *Characteristics of New Housing*, annual; and *New One-Family Houses Sold*, monthly; publications discontinued in 2001. See Internet site <<http://www.census.gov/ftp/pub/const/www/newresalesindex.html>> and *New Residential Sales*, monthly.

No. 940. Median Sales Price of New Privately Owned One-Family Houses Sold by Region: 1980 to 2000

[In dollars. For definition of median, see Guide to Tabular Presentation. For composition of regions, see map inside front cover]

Year	U.S.	North-east	Mid-west	South	West	Year	U.S.	North-east	Mid-west	South	West
1980	64,600	69,500	63,400	59,600	72,300	1994	130,000	169,000	132,900	116,900	140,400
1985	84,300	103,300	80,300	75,000	92,600	1995	133,900	180,000	134,000	124,500	141,400
1989	120,000	159,600	108,800	96,400	139,000	1996	140,000	186,000	138,000	126,200	153,900
1990	122,900	159,000	107,900	99,000	147,500	1997	146,000	190,000	149,900	129,600	160,000
1991	120,000	155,900	110,000	100,000	141,100	1998	152,500	200,000	157,500	135,800	163,500
1992	121,500	169,000	115,600	105,500	130,400	1999	161,000	210,500	164,000	145,900	173,700
1993	126,500	162,600	125,000	115,000	135,000	2000	169,000	227,400	169,700	148,000	196,400

Source: U.S. Census Bureau and U.S. Dept. of Housing and Urban Development, *Current Construction Reports*, Series C25, *Characteristics of New Housing*, annual; and *New One-Family Houses Sold*, monthly; publications discontinued in 2001. See Internet site <<http://www.census.gov/ftp/pub/const/www/newresalesindex.html>> and *New Residential Sales*, monthly.

No. 941. New Manufactured (Mobile) Homes Placed for Residential Use and Average Sales Price by Region: 1980 to 2000

[233.7 represents 233,700. A mobile home is 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 permanent foundation. Excluded are travel trailers, motor homes, and modular housing. Data are based on a probability sample and subject to sampling variability; see source. For composition of regions, see map inside front cover]

Year	Units placed (1,000)					Average sales price (dol.)				
	Total	North-east	Mid-west	South	West	U.S.	North-east	Mid-west	South	West
1980	233.7	12.3	32.3	140.3	48.7	19,800	18,500	18,600	18,200	25,400
1985	283.4	20.2	38.6	187.6	36.9	21,800	22,700	21,500	20,400	28,700
1990	195.4	18.8	37.7	108.4	30.6	27,800	30,000	27,000	24,500	39,300
1992	212.0	15.0	42.2	124.4	30.4	28,400	30,900	28,800	25,400	39,000
1993	242.5	15.4	44.5	146.7	35.9	30,500	32,000	31,400	27,700	40,500
1994	290.9	16.3	53.3	177.7	43.6	32,800	32,900	34,000	30,200	41,900
1995	319.4	15.0	57.5	203.2	43.7	35,300	35,800	35,700	33,300	44,100
1996	337.7	16.2	58.8	218.2	44.4	37,200	37,300	38,000	35,500	45,000
1997	336.3	14.3	55.3	219.4	47.3	39,800	41,300	40,300	38,000	47,300
1998	373.7	14.7	58.3	250.3	50.4	41,600	42,200	42,400	40,100	48,400
1999	338.2	13.7	52.4	229.1	43.1	43,400	44,300	44,400	41,900	49,700
2000	273.0	14.2	46.0	177.7	35.2	46,500	47,200	48,400	44,200	55,400

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/ftp/pub/const/www/mhsindex.html>>.

No. 942. Existing One-Family Houses Sold and Price by Region: 1970 to 2000

[1,612 represents 1,612,000. Based on data (adjusted and aggregated to regional and national totals) reported by participating real estate multiple listing services. For definition of median, see Guide to Tabular Presentation. For composition of regions, see map inside front cover.]

Year	Houses sold (1,000)					Median sales price (dol.)				
	Total	North-east	Mid-west	South	West	Total	North-east	Mid-west	South	West
1970	1,612	251	501	568	292	23,000	25,700	20,100	22,200	24,300
1975	2,476	370	701	862	543	35,300	39,300	30,100	34,800	39,600
1980	2,973	403	806	1,092	672	62,200	60,800	51,900	58,300	89,300
1981	2,419	353	632	917	516	66,400	63,700	54,300	64,400	96,200
1982	1,990	354	490	780	366	67,800	63,500	55,100	67,100	98,900
1983	2,697	477	692	1,004	524	70,300	72,200	56,600	69,200	94,900
1984	2,829	478	720	1,006	624	72,400	78,700	57,100	71,300	95,800
1985	3,134	561	806	1,063	704	75,500	88,900	58,900	75,200	95,400
1986	3,474	635	922	1,145	773	80,300	104,800	63,500	78,200	100,900
1987	3,436	618	892	1,163	763	85,600	133,300	66,000	80,400	113,200
1988	3,513	606	865	1,224	817	89,300	140,000	68,400	82,200	124,900
1989	3,325	490	832	1,185	818	89,500	127,700	71,800	84,400	127,100
1990	3,219	458	809	1,193	759	92,000	126,400	75,300	85,100	129,600
1991	3,186	463	812	1,173	737	97,100	129,100	79,500	88,500	135,300
1992	3,479	521	913	1,242	802	99,700	128,900	83,000	91,500	131,500
1993	3,786	550	967	1,386	882	103,100	129,100	86,000	94,300	132,500
1994	3,916	552	965	1,436	962	107,200	129,100	89,300	95,700	139,400
1995	3,888	547	945	1,433	964	110,500	126,700	94,800	97,700	141,000
1996	4,196	584	986	1,511	1,116	115,800	127,800	101,000	103,400	147,100
1997	4,382	607	1,005	1,595	1,174	121,800	131,800	107,000	109,600	155,200
1998	4,970	662	1,130	1,868	1,309	128,400	135,900	114,300	116,200	164,800
1999	5,205	656	1,148	2,015	1,386	133,300	139,000	119,600	120,300	173,900
2000	5,113	645	1,115	1,992	1,362	139,000	139,400	123,600	128,300	183,000

¹ Beginning 1989 data not comparable to earlier years due to rebenchmarking.

Source: NATIONAL ASSOCIATION OF REALTORS®, Washington, DC, prior to 1990, *Home Sales*, monthly, and *Home Sales Yearbook: 1990*; (copyright); thereafter, *Real Estate Outlook: Market Trends & Insights*, monthly, (copyright).

No. 943. Median Sales Price of Existing One-Family Homes by Selected Metropolitan Area: 1998 to 2000

[In thousands of dollars (128.4 represents \$128,400). For the top 60 areas in sales price in 2000. Areas are metropolitan statistical areas defined by source as of 1992, except as noted.]

Metropolitan area	1998	1999	2000	Metropolitan area	1998	1999	2000
United States, all areas	128.4	133.3	139.0	Miami-Hialeah, FL PMSA	121.5	134.6	144.6
Albuquerque, NM	128.2	130.3	130.4	Milwaukee, WI PMSA	132.9	135.3	140.7
Anaheim-Santa Ana, CA PMSA (Orange Co.)	261.7	280.9	318.0	Minneapolis-St. Paul, MN-WI	128.0	138.7	151.4
Atlanta, GA	115.4	123.7	131.2	Nashville, TN	116.7	116.4	(NA)
Aurora-Elgin, IL ²	146.2	151.9	163.0	New Haven-Meriden, CT	137.8	145.7	151.6
Austin/San Marcos, TX	121.1	128.6	142.8	NY: Bergen-Passaic, NJ PMSA	213.5	221.8	261.2
Baltimore, MD	120.6	127.4	153.0	NY: Middlesex-Somerset-Hunterdon, NJ PMSA	184.2	196.8	219.7
Birmingham, AL	122.7	127.1	125.5	NY: New York-North NJ-Long Island, NY CMSA	188.1	203.2	230.2
Boise, ID	109.2	123.9	126.0	NY: Newark, NJ	199.2	212.0	242.4
Boston, MA PMSA	258.4	290.0	314.2	Philadelphia, PA-NJ PMSA	129.7	124.8	125.2
Bradenton, FL ²	107.3	117.2	127.3	Phoenix, AZ	120.2	126.4	134.4
Charleston, SC	120.0	131.7	137.9	Portland, OR PMSA	158.1	165.0	170.1
Charlotte-Gastonia-Rock Hill, NC-SC	134.0	138.2	140.3	Providence, RI PMSA	124.4	128.8	137.8
Chicago, IL PMSA	166.8	171.2	171.8	Raleigh-Durham, NC	159.8	165.0	158.4
Cincinnati, OH-KY-IN PMSA	116.3	119.9	126.7	Reno, NV	147.2	150.6	157.3
Colorado Springs, CO	138.5	144.9	154.1	Richmond-Petersburg, VA	122.0	128.5	129.8
Columbus, OH	121.7	125.0	129.1	Riverside-San Bernardino, CA PMSA	121.5	128.7	138.6
Dallas, TX PMSA	111.0	115.7	122.5	Sacramento, CA	125.6	131.5	146.5
Denver, CO PMSA	152.2	171.3	196.8	Salt Lake City-Ogden, UT	133.5	137.9	141.5
Eugene-Springfield, OR	124.4	129.5	132.8	San Diego, CA ¹	207.1	231.6	269.4
Ft. Lauderdale-Hollywood-Pompano Bch, FL PMSA	128.6	136.1	148.7	San Francisco, CA Area ¹	321.7	340.8	454.6
Greensboro/Winston Salem/High Point, NC	123.5	124.8	129.3	Sarasota, FL ²	123.1	134.8	132.0
Hartford, CT PMSA	142.8	150.7	159.9	Seattle, WA	175.3	(NA)	230.1
Honolulu, HI	297.0	290.0	295.0	Tacoma, WA	(NA)	(NA)	151.1
Kansas City, MO-KS	114.0	120.7	127.4	Trenton, NJ	139.5	144.2	150.9
Lake County, IL	159.4	164.0	169.4	Washington, DC-MD-VA	172.1	175.5	182.6
Las Vegas, NV	128.2	130.8	137.4	West Palm Bch-Boca Raton-Delray Bch, FL	126.6	131.0	138.4
Los Angeles-Long Beach, CA PMSA	192.6	199.0	215.9	Wilmington, DE-NJ-MD	123.9	120.6	127.6
Madison, WI	131.8	136.5	153.6	Worcester, MA	110.0	117.0	131.8

NA Not available. ¹ California data supplied by the California Association of REALTORS®. ² In 1992, Bradenton and Sarasota were merged and Aurora/Elgin was incorporated into Chicago. The source still collects price data on the previous jurisdictions.

Source: NATIONAL ASSOCIATION OF REALTORS®, Washington, DC, *Real Estate Outlook: Market Trends & Insights*, monthly, (copyright).

No. 944. Existing Home Sales by State: 1990 to 2000

[In thousands (3,599 represents 3,599,000). Includes condos and co-ops as well as single-family homes]

State	1990	1995	1999	2000	State	1990	1995	1999	2000
United States	3,599	4,350	5,929	5,842	Missouri	77.1	100.8	122.9	118.6
Alabama	52.0	69.0	87.0	75.9	Montana	13.5	14.8	19.1	19.7
Alaska	12.3	10.2	16.0	18.9	Nebraska	23.6	25.0	34.3	31.3
Arizona	71.8	120.3	170.0	180.3	Nevada	26.9	31.0	47.3	56.7
Arkansas	33.7	45.0	63.5	54.7	New Hampshire	13.5	26.2	40.6	43.5
California	413.1	426.7	708.7	733.5	New Jersey	85.7	102.4	141.9	134.4
Colorado	77.7	102.5	136.2	157.3	New Mexico	24.7	27.6	29.8	30.6
Connecticut	37.4	43.3	51.0	53.2	New York	135.9	149.7	179.5	194.7
Delaware	7.9	9.5	8.6	7.7	North Carolina	98.9	157.7	228.6	215.5
District of Columbia	7.2	7.0	13.8	12.7	North Dakota	8.5	8.5	10.3	10.2
Florida	281.1	379.6	509.8	505.4	Ohio	146.9	173.1	194.9	187.9
Georgia	91.2	101.0	149.2	144.5	Oklahoma	62.2	74.5	100.1	91.9
Hawaii	19.0	10.3	17.8	22.8	Oregon	56.6	58.7	62.4	64.0
Idaho	22.3	27.1	28.6	30.4	Pennsylvania	143.2	163.2	177.9	168.3
Illinois	163.3	183.4	243.9	239.0	Rhode Island	9.6	13.6	20.7	21.0
Indiana	83.6	102.6	132.0	126.8	South Carolina	54.3	70.7	104.3	97.0
Iowa	42.8	43.2	57.8	53.1	South Dakota	10.8	11.9	15.4	15.4
Kansas	36.8	50.5	67.9	64.2	Tennessee	66.2	106.6	149.0	140.2
Kentucky	47.9	61.5	77.8	71.3	Texas	311.8	367.9	551.9	518.5
Louisiana	57.1	77.3	88.8	84.2	Utah	29.4	43.5	46.5	50.9
Maine	17.0	25.5	34.7	40.7	Vermont	7.2	7.9	6.9	7.2
Maryland	67.0	63.5	103.1	101.0	Virginia	89.3	94.8	146.9	131.4
Massachusetts	47.9	69.4	97.7	94.1	Washington	85.9	110.9	175.7	189.9
Michigan	137.6	142.2	160.4	150.8	West Virginia	22.6	26.1	26.7	21.5
Minnesota	68.1	81.6	106.5	105.5	Wisconsin	62.1	78.2	100.8	94.2
Mississippi	28.2	41.3	51.1	45.1	Wyoming	8.5	11.4	13.1	13.5

Source: NATIONAL ASSOCIATION OF REALTORS®, Washington, DC, *Real Estate Outlook: Market Trends & Insights*, monthly (copyright).

No. 945. Existing Apartment Condos and Co-Ops—Units Sold and Average Sales Price by Region: 1990 to 2000

[348 represents 348,000. For definition of median, see Guide to Tabular Presentation. For composition of regions, see map inside front cover]

Year	Units sold (1,000)					Median sales price (dol.)				
	Total	North-east	Mid-west	South	West	U.S.	North-east	Mid-west	South	West
1990	348	45	42	151	110	85,200	110,200	70,200	66,800	105,200
1991	333	48	43	145	97	85,800	107,200	73,900	68,300	105,100
1992	361	57	49	153	102	86,000	103,100	79,000	69,400	107,700
1993	400	63	53	175	108	84,400	99,200	78,900	69,300	102,700
1994	439	69	54	196	119	87,200	99,500	86,200	69,500	108,800
1995	428	70	53	188	116	87,400	94,800	90,700	70,600	105,300
1996	476	78	58	206	134	90,900	97,500	95,200	73,500	109,900
1997	524	88	64	220	152	95,500	101,100	99,100	76,300	118,300
1998	607	104	75	252	176	100,600	103,400	106,400	80,000	126,400
1999	681	116	81	295	190	108,000	112,500	114,600	84,100	132,100
2000	711	114	82	315	200	111,800	111,200	121,700	87,700	136,800

Source: NATIONAL ASSOCIATION OF REALTORS®, Washington, DC, *Real Estate Outlook: Market Trends & Insights*, monthly (copyright).

No. 946. New Apartments Completed and Rented in 3 Months by Region: 1980 to 2000

[196.1 represents 196,100. Structures with five or more units, privately financed, nonsubsidized, unfurnished rental apartments. Based on sample and subject to sampling variability; see source for details. For composition of regions, see map, inside front cover]

Year and rent	Number (1,000)					Percent rented in 3 months				
	U.S.	North-east	Mid-west	South	West	U.S.	North-east	Mid-west	South	West
1980	196.1	14.2	43.8	91.5	46.6	75	77	77	74	75
1985	365.2	8.1	54.0	166.1	137.0	65	69	72	59	68
1990 ¹	214.3	12.7	44.3	77.2	80.0	67	66	75	64	65
1995	155.0	7.1	31.7	78.5	37.7	73	74	75	72	73
2000, prel.	226.1	14.9	39.7	125.7	45.8	72	85	77	67	77
Less than \$550	19.4	1.4	6.0	10.2	1.8	75	91	83	66	88
\$550 to \$749	62.6	0.6	16.2	36.0	9.7	72	82	79	70	72
\$750 to \$949	26.0	0.5	9.8	12.9	2.8	78	97	87	74	66
\$950 to \$1,199	36.6	0.1	6.4	23.1	6.9	68	6	68	67	74
\$1,200 to \$1,499	61.1	3.9	10.0	37.0	10.3	70	93	72	67	74
\$1,500 to \$1,749	34.5	1.3	6.8	21.2	5.3	72	100	76	68	76
\$1,750 to \$1,999	26.6	2.6	3.2	15.8	5.0	68	90	63	65	71
\$2,000 or more	82.9	9.0	7.4	42.5	24.0	72	81	74	66	79
Median monthly asking rent	839	(2)	712	828	(2)	(X)	(X)	(X)	(X)	(X)

X Not applicable. ¹ Due to revised estimation procedures, data beginning 1990 not strictly comparable with prior years.

² Over \$950. Source: U.S. Census Bureau, *Current Housing Reports*, Series H130, *Market Absorption of Apartments*, and unpublished data.

No. 947. Total Housing Inventory for the United States: 1980 to 2000

[In thousands, except percent (87,739 represents 87,739,000). Based on the Current Population Survey and the Housing Vacancy Survey and subject to sampling error; see source for details]

Item	1980	1985	1990	1994	1995	1996	1997	1998	1999	2000
All housing units	87,739	97,333	106,283	110,952	112,655	114,139	115,621	117,282	119,044	119,628
Vacant	8,101	9,446	12,059	12,257	12,669	13,155	13,419	13,748	14,116	13,908
Year-round vacant	5,996	7,400	9,128	9,229	9,570	9,945	10,114	10,516	10,848	10,439
For rent	1,575	2,221	2,662	2,858	2,946	3,008	2,978	3,046	3,119	3,024
For sale only	734	1,006	1,064	953	1,022	1,082	1,133	1,205	1,184	1,148
Rented or sold	623	664	660	772	810	834	867	927	956	856
Held off market	3,064	3,510	4,742	4,646	4,793	5,022	5,136	5,338	5,589	5,411
Occasional use	814	977	1,485	1,612	1,667	1,709	1,818	1,792	1,948	1,892
Usual residence else where	568	659	1,068	815	801	852	885	910	965	1,037
Other	1,683	1,875	2,189	2,219	2,235	2,461	2,433	2,636	2,676	2,482
Seasonal	2,106	2,046	2,931	3,028	3,099	3,209	3,305	3,232	3,268	3,469
Total occupied	79,638	87,887	94,224	98,695	99,985	100,984	102,202	103,534	104,928	105,720
Owner	52,223	56,152	60,248	63,136	64,739	66,041	67,143	68,638	70,097	71,250
Renter	27,415	31,736	33,976	35,558	35,246	34,943	35,059	34,896	34,831	34,470
PERCENT DISTRIBUTION										
All housing units	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vacant	9.2	9.7	11.3	11.0	11.2	11.5	11.6	11.7	11.9	11.6
Total occupied	90.8	90.3	88.7	89.0	88.8	88.5	88.4	88.3	88.1	88.4
Owner	59.5	57.7	56.7	56.9	57.5	57.9	58.1	58.5	58.9	59.6
Renter	31.2	32.6	32.0	32.0	31.3	30.6	30.3	29.8	29.3	28.8

¹ Beginning 1990 includes vacant seasonal mobile homes. For years shown, seasonal vacant housing units were underreported prior to 1990.

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/hhes/www/housing/hvs/historic/index.html>>.

No. 948. Occupied Housing Inventory by Age of Householder: 1985 to 2000

[In thousands (87,887 represents 87,887,000). Based on the Current Population Survey/Housing Vacancy Survey; See source for details]

Age of householder	1985	1990	1993 ¹	1994	1995	1996	1997	1998	1999	2000
Total²	87,887	94,224	97,717	98,695	99,986	100,983	102,201	103,534	104,929	105,719
Less than 25 years old	5,483	5,143	5,342	5,408	5,502	5,467	5,517	5,750	6,000	6,221
25 to 29 years old	9,543	9,508	8,848	8,628	8,662	8,669	8,755	8,666	8,661	8,482
30 to 34 years old	10,288	11,213	11,406	11,284	11,206	10,936	10,622	10,494	10,400	10,219
35 to 39 years old	9,615	10,914	11,656	11,906	11,993	12,083	12,166	12,026	11,950	11,834
40 to 44 years old	7,919	9,893	10,801	10,931	11,151	11,644	11,869	12,141	12,206	12,377
45 to 49 years old	6,517	8,038	9,191	9,611	10,080	10,523	10,532	10,744	10,973	11,164
50 to 54 years old	6,157	6,532	7,438	7,637	7,882	7,981	8,650	9,040	9,412	9,834
55 to 59 years old	6,558	6,182	6,107	6,284	6,355	6,474	6,731	7,051	7,389	7,602
60 to 64 years old	6,567	6,446	6,091	5,972	5,860	5,836	5,947	6,055	6,183	6,215
65 to 69 years old	5,976	6,407	6,164	6,113	6,088	6,099	5,926	5,852	5,845	5,816
70 to 74 years old	5,003	5,397	5,599	5,681	5,693	5,602	5,574	5,583	5,621	5,567
75 years old and over	7,517	8,546	9,074	9,236	9,514	9,669	9,912	10,131	10,289	10,388

¹ Based on 1990 census. ² 1985 total includes ages not reported. Thereafter cases allocated by age.

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/hhes/www/hvs.html>> (accessed 11 July 2001).

No. 949. Vacancy Rates for Housing Units—Characteristics: 1990 to 2000

[In percent. Rate is relationship between vacant housing for rent or for sale and the total rental and homeowner supply, which comprises occupied units, units rented or sold and awaiting occupancy, and vacant units available for rent or sale. For composition of regions, see map inside front cover. Based on the Current Population Survey/Housing Vacancy Survey; see source for details]

Characteristic	Rental units					Homeowner units				
	1990	1995 ¹	1998	1999	2000	1990	1995 ¹	1998	1999	2000
Total units	7.2	7.6	7.9	8.1	8.0	1.7	1.5	1.7	1.7	1.6
Inside MSAs	7.1	7.6	7.7	7.8	7.7	1.7	1.5	1.6	1.5	1.4
Outside MSAs	7.6	7.9	9.2	9.6	9.5	1.8	1.6	2.0	2.1	2.1
Northeast	6.1	7.2	6.7	6.3	5.6	1.6	1.5	1.5	1.4	1.2
Midwest	6.4	7.2	7.9	8.6	8.8	1.3	1.3	1.4	1.2	1.3
South	8.8	8.3	9.6	10.3	10.5	2.1	1.7	2.0	2.0	1.9
West	6.6	7.5	6.7	6.2	5.8	1.8	1.7	1.7	1.7	1.5
Units in structure:										
1 unit	4.0	5.4	6.3	7.3	7.1	1.4	1.4	1.6	1.5	1.4
2 units or more	9.0	9.0	9.0	8.7	8.6	7.1	4.8	4.4	3.6	4.4
5 units or more	9.6	9.5	9.4	8.9	9.1	8.4	5.1	4.5	3.8	5.5
Units with—										
3 rooms or less	10.3	11.4	10.8	10.5	10.1	10.2	9.2	9.7	7.9	9.9
4 rooms	8.0	8.2	8.9	8.3	8.2	3.2	2.8	3.5	2.9	2.8
5 rooms	5.7	5.8	6.5	7.2	7.3	2.0	1.8	1.9	2.0	1.9
6 rooms or more	3.0	3.8	4.3	5.2	5.0	1.1	1.1	1.2	1.1	1.0

¹ Beginning 1995, based on 1990 population census controls.

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/hhes/www/housing/hvs/historic/index.html>>.

No. 950. Housing Units and Tenure by State: 2000

[115,905 represents 115,905,000. As of April 1. Based on the 2000 Census of Population and Housing; see text, Section 1, Population, and Appendix III]

State	Housing units						Housing tenure			
			Vacant		Vacancy rate		Owner-occupied units		Renter-occupied units	
	Total (1,000)	Occupied (1,000)	Total	For seasonal use ¹	Home- owner ²	Renter ³	Total (1,000)	Average house- hold size	Total (1,000)	Average house- hold size
United States	115,905	105,480	10,425	3,579	1.7	6.8	69,816	2.69	35,664	2.40
Alabama	1,964	1,737	227	47	2.0	11.8	1,259	2.57	478	2.30
Alaska	261	222	39	21	1.9	7.8	139	2.89	83	2.49
Arizona	2,189	1,901	288	142	2.1	9.2	1,294	2.69	608	2.53
Arkansas	1,173	1,043	130	29	2.5	9.6	724	2.54	319	2.40
California	12,215	11,503	712	237	1.4	3.7	6,546	2.93	4,957	2.79
Colorado	1,808	1,658	150	72	1.4	5.5	1,116	2.64	542	2.30
Connecticut	1,386	1,302	84	23	1.1	5.6	870	2.67	432	2.25
Delaware	343	299	44	26	1.5	8.2	216	2.61	83	2.37
District of Columbia	275	248	27	2	2.9	5.9	101	2.31	147	2.06
Florida	7,303	6,338	965	483	2.2	9.3	4,442	2.49	1,896	2.39
Georgia	3,282	3,006	275	50	1.9	8.2	2,029	2.71	977	2.51
Hawaii	461	403	57	26	1.6	8.2	228	3.07	175	2.71
Idaho	528	470	58	27	2.2	7.6	340	2.75	130	2.52
Illinois	4,886	4,592	294	30	1.5	6.2	3,089	2.76	1,503	2.37
Indiana	2,532	2,336	196	34	1.8	8.8	1,669	2.64	667	2.24
Iowa	1,233	1,149	83	16	1.7	6.8	831	2.57	318	2.15
Kansas	1,131	1,038	93	10	2.0	8.8	719	2.63	319	2.25
Kentucky	1,751	1,591	160	30	1.8	8.7	1,125	2.55	465	2.27
Louisiana	1,847	1,656	191	40	1.6	9.3	1,125	2.70	531	2.44
Maine	652	518	134	101	1.7	7.0	371	2.54	147	2.03
Maryland	2,145	1,981	164	39	1.6	6.1	1,342	2.73	639	2.35
Massachusetts	2,622	2,444	178	94	0.7	3.5	1,508	2.72	936	2.17
Michigan	4,234	3,786	449	234	1.6	6.8	2,793	2.67	993	2.24
Minnesota	2,066	1,895	171	106	0.9	4.1	1,413	2.69	482	2.03
Mississippi	1,162	1,046	116	22	1.6	9.2	757	2.67	289	2.52
Missouri	2,442	2,195	247	66	2.1	9.0	1,542	2.59	652	2.20
Montana	413	359	54	24	2.2	7.6	248	2.55	111	2.22
Nebraska	723	666	56	12	1.8	7.6	449	2.63	217	2.20
Nevada	827	751	76	17	2.6	9.7	457	2.71	294	2.47
New Hampshire	547	475	72	56	1.0	3.5	331	2.70	144	2.14
New Jersey	3,310	3,065	246	109	1.2	4.5	2,011	2.81	1,053	2.43
New Mexico	781	678	103	32	2.2	11.6	474	2.72	204	2.41
New York	7,679	7,057	622	235	1.6	4.6	3,739	2.78	3,318	2.41
North Carolina	3,524	3,132	392	135	2.0	8.8	2,172	2.54	960	2.37
North Dakota	290	257	33	8	2.7	8.2	171	2.60	86	2.02
Ohio	4,783	4,446	337	47	1.6	8.3	3,073	2.62	1,373	2.19
Oklahoma	1,514	1,342	172	32	2.5	10.6	918	2.55	424	2.36
Oregon	1,453	1,334	119	37	2.3	7.3	857	2.59	477	2.36
Pennsylvania	5,250	4,777	473	148	1.6	7.2	3,406	2.62	1,371	2.12
Rhode Island	440	408	31	13	1.0	5.0	245	2.66	163	2.19
South Carolina	1,754	1,534	220	70	1.9	12.0	1,108	2.59	426	2.37
South Dakota	323	290	33	10	1.8	8.0	198	2.64	92	2.22
Tennessee	2,439	2,233	207	37	2.0	8.8	1,561	2.57	672	2.29
Texas	8,158	7,393	764	173	1.8	8.5	4,717	2.87	2,676	2.53
Utah	769	701	67	30	2.1	6.5	502	3.29	200	2.75
Vermont	294	241	54	43	1.4	4.2	170	2.58	71	2.11
Virginia	2,904	2,699	205	55	1.5	5.2	1,838	2.62	861	2.36
Washington	2,451	2,271	180	60	1.8	5.9	1,467	2.65	804	2.32
West Virginia	845	736	108	33	2.2	9.1	554	2.47	183	2.17
Wisconsin	2,321	2,085	237	142	1.2	5.6	1,426	2.66	658	2.15
Wyoming	224	194	30	12	2.1	9.7	136	2.58	58	2.25

¹ For seasonal, recreational or occasional use. ² Proportion of the homeowner housing inventory which is vacant for sale.

³ Proportion of the rental inventory which is vacant for rent.

Source: U.S. Census Bureau, *2000 Census of Population and Housing, Profiles of General Demographic Characteristics*.

No. 951. Housing Units and Tenure for Large Cities: 2000

[115,905 represents 115,905,000. As of April 1. For cities with 200,000 or more inhabitants in 2000. Based on the 2000 Census of Population and Housing; see text, Section 1, Population, and Appendix III]

City	Housing units						Housing tenure			
	Vacant		For seasonal use ¹		Vacancy rate		Owner-occupied units		Renter-occupied units	
	Total (1,000)	Occupied (1,000)	Total	For seasonal use ¹	Homeowner ²	Renter ³	Total (1,000)	Average house-hold size	Total (1,000)	Average house-hold size
United States	115,905	105,480	10,425	3,579	1.7	6.8	69,816	2.69	35,664	2.40
Albuquerque, NM	198.5	183.2	15.2	0.8	1.9	11.8	110.6	2.55	72.6	2.16
Anaheim, CA	99.7	97.0	2.8	0.2	0.9	3.2	48.5	3.24	48.5	3.45
Anchorage, AK	100.4	94.8	5.5	1.1	1.4	5.3	57.0	2.81	37.9	2.46
Arlington, TX	130.6	124.7	5.9	0.4	1.4	6.1	68.3	2.87	56.4	2.38
Atlanta, GA	186.9	168.1	18.8	1.1	4.1	7.2	73.5	2.37	94.7	2.25
Aurora, CO	109.3	105.6	3.6	0.2	1.1	3.5	67.5	2.65	38.1	2.50
Austin, TX	276.8	265.6	11.2	1.4	1.0	3.5	119.1	2.65	146.5	2.19
Baltimore, MD	300.5	258.0	42.5	1.4	3.6	7.6	129.9	2.57	128.1	2.27
Boston, MA	251.9	239.5	12.4	1.6	1.0	3.0	77.2	2.51	162.3	2.22
Buffalo, NY	145.6	122.7	22.9	0.3	4.2	11.1	53.3	2.47	69.4	2.16
Charlotte, NC	230.4	215.4	15.0	0.7	2.2	8.4	123.9	2.56	91.6	2.30
Chicago, IL	1,152.9	1,061.9	90.9	4.5	1.7	5.7	464.9	2.90	597.1	2.49
Cincinnati, OH	166.0	148.1	17.9	0.6	2.2	9.9	57.7	2.43	90.4	1.97
Cleveland, OH	215.9	190.6	25.2	0.8	2.1	10.8	92.5	2.56	98.1	2.32
Colorado Springs, CO	148.7	141.5	7.2	0.7	1.2	6.2	86.0	2.65	55.5	2.27
Columbus, OH	327.2	301.5	25.6	1.1	2.0	8.3	148.0	2.48	153.5	2.13
Corpus Christi, TX	107.8	98.8	9.0	1.1	2.0	9.5	58.9	2.89	39.9	2.56
Dallas, TX	484.1	451.8	32.3	1.5	1.4	7.0	195.3	2.78	256.5	2.44
Denver, CO	251.4	239.2	12.2	1.4	1.7	4.5	125.5	2.41	113.7	2.10
Detroit, MI	375.1	336.4	38.7	0.6	1.6	8.3	184.6	2.84	151.8	2.68
El Paso, TX	193.7	182.1	11.6	0.7	1.6	7.9	111.8	3.20	70.3	2.86
Fort Worth, TX	211.0	195.1	16.0	0.6	1.9	9.1	109.1	2.84	86.0	2.44
Fresno, CA	149.0	140.1	8.9	0.4	1.9	6.4	70.9	2.94	69.2	3.05
Honolulu, HI ⁴	158.7	140.3	18.3	5.2	1.7	10.2	65.9	2.75	74.5	2.40
Houston, TX	782.0	717.9	64.1	4.2	1.6	8.7	328.7	2.84	389.2	2.54
Indianapolis, IN ⁵	352.4	320.1	32.3	1.2	2.0	10.9	187.6	2.53	132.5	2.18
Jacksonville, FL	308.8	284.5	24.3	0.9	1.8	9.0	179.7	2.64	104.8	2.34
Kansas City, MO	202.3	184.0	18.4	0.7	1.9	9.6	106.1	2.52	77.9	2.11
Las Vegas, NV	190.7	176.8	14.0	1.8	2.5	8.4	104.5	2.76	72.3	2.52
Lexington-Fayette, KY	116.2	108.3	7.9	0.9	1.1	8.4	59.9	2.47	48.4	2.07
Long Beach, CA	171.6	163.1	8.5	0.8	2.2	4.2	66.9	2.81	96.2	2.74
Los Angeles, CA	1,337.7	1,275.4	62.3	4.9	1.8	3.5	491.9	2.99	783.5	2.73
Louisville, KY	121.3	111.4	9.9	0.4	1.8	7.5	58.5	2.33	52.9	2.10
Memphis, TN	271.6	250.7	20.8	0.7	2.0	8.4	140.0	2.62	110.7	2.40
Mesa, AZ	175.7	146.6	29.1	1.7	2.4	10.7	97.3	2.74	49.3	2.54
Miami, FL	148.4	134.2	14.2	2.9	2.9	6.6	46.8	2.79	87.4	2.52
Milwaukee, WI	249.2	232.2	17.0	0.5	1.3	6.0	105.2	2.60	127.0	2.42
Minneapolis, MN	168.6	162.4	6.3	0.8	0.7	2.8	83.4	2.43	78.9	2.05
Nashville-Davidson, TN ⁵	242.5	227.4	15.0	1.1	2.0	6.5	124.0	2.43	103.4	2.13
New Orleans, LA	215.1	188.3	26.8	2.4	2.2	7.9	87.6	2.60	100.7	2.37
New York, NY	3,200.9	3,021.6	179.3	28.2	1.7	3.2	912.3	2.81	2,109.3	2.50
Newark, NJ	100.1	91.4	8.8	0.1	2.0	5.6	21.7	3.22	69.6	2.74
Oakland, CA	157.5	150.8	6.7	0.4	1.0	2.7	62.5	2.76	88.3	2.49
Oklahoma City, OK	228.1	204.4	23.7	1.1	2.2	12.3	121.5	2.51	82.9	2.27
Omaha, NE	165.7	156.7	9.0	0.5	1.0	7.2	93.4	2.64	63.3	2.10
Philadelphia, PA	662.0	590.1	71.9	1.8	1.9	7.0	349.6	2.65	240.4	2.23
Phoenix, AZ	495.8	465.8	30.0	4.5	1.4	7.9	282.7	2.89	183.2	2.63
Pittsburgh, PA	163.4	143.7	19.6	0.9	2.8	8.8	74.9	2.37	68.8	1.95
Portland, OR	237.3	223.7	13.6	1.0	2.3	6.2	124.8	2.47	99.0	2.08
Raleigh, NC	120.7	112.6	8.1	0.4	2.1	8.3	58.1	2.43	54.5	2.15
Riverside, CA	86.0	82.0	4.0	0.2	1.9	4.8	46.5	3.18	35.6	2.81
Sacramento, CA	164.0	154.6	9.4	0.6	2.0	5.4	77.5	2.65	77.1	2.50
San Antonio, TX	433.1	405.5	27.6	2.3	1.4	6.9	235.7	2.95	169.8	2.51
San Diego, CA	469.7	450.7	19.0	5.1	0.8	3.2	223.3	2.71	227.4	2.52
San Francisco, CA	346.5	329.7	16.8	3.8	0.8	2.5	115.4	2.73	214.3	2.06
San Jose, CA	281.8	276.6	5.2	0.8	0.4	1.8	171.0	3.22	105.6	3.16
Santa Ana, CA	74.6	73.0	1.6	0.1	0.8	1.9	36.0	4.54	37.0	4.57
Seattle, WA	270.5	258.5	12.0	1.8	1.2	3.5	125.2	2.32	133.3	1.84
St. Louis, MO	176.4	147.1	29.3	0.5	3.5	11.8	68.9	2.49	78.1	2.12
St. Paul, MN	115.7	112.1	3.6	0.4	0.7	2.8	61.5	2.72	50.6	2.15
Tampa, FL	135.8	124.8	11.0	0.8	2.1	7.8	68.6	2.49	56.2	2.20
Toledo, OH	139.9	128.9	10.9	0.4	1.5	8.8	77.1	2.50	51.9	2.19
Tucson, AZ	209.6	192.9	16.7	3.5	1.6	8.1	103.1	2.58	89.8	2.24
Tulsa, OK	179.4	165.7	13.7	0.9	1.6	8.7	92.2	2.41	73.5	2.18
Virginia Beach, VA	162.3	154.5	7.8	2.3	1.5	4.0	101.3	2.79	53.1	2.54
Washington, DC	274.8	248.3	26.5	2.2	2.9	5.9	101.2	2.31	147.1	2.06
Wichita, KS	152.1	139.1	13.0	0.4	2.0	12.0	85.7	2.61	53.4	2.17

¹ For seasonal, recreational or occasional use. ² Portion of the homeowner housing inventory which is vacant for sale. ³ Portion of the rental inventory which is vacant for rent. ⁴ The population shown in this table is for the census designated place (CDP). ⁵ Represents the portion of a consolidated city that is not within one or more separately incorporated places.

Source: U.S. Census Bureau, 2000 Census of Population and Housing, Profiles of General Demographic Characteristics.

No. 952. Housing Units—Characteristics by Tenure and Region: 1999

[In thousands of units (115,253 represents 115,253,000), except as indicated. As of Oct. 1. Based on the American Housing Survey; see Appendix III. For composition of regions, see map inside front cover]

Characteristic	Year-round units									
	Total housing units	Occupied								
		Seasonal	Total	Owner	Renter	North-east	Mid-west	South	West	Vacant
Total units	115,253	2,961	102,803	68,796	34,007	19,958	24,360	36,389	22,096	9,489
Percent distribution	100.0	2.6	89.2	59.7	29.5	17.3	21.1	31.6	19.2	8.2
Units in structure:										
Single family detached	70,355	1,754	64,536	56,471	8,065	10,624	17,006	23,431	13,475	4,064
Single family attached	8,027	199	9,663	3,499	3,465	1,948	1,105	2,381	1,530	864
2 to 4 units	9,896	94	8,572	1,466	7,105	2,763	1,988	1,979	1,842	1,230
5 to 9 units	5,578	45	4,847	469	4,378	972	1,010	1,651	1,214	686
10 to 19 units	5,130	46	4,416	357	4,059	739	858	1,721	1,099	668
20 to 49 units	3,919	70	3,343	341	3,002	959	595	849	940	505
50 or more units	3,916	103	3,341	544	2,797	1,390	618	632	700	472
Mobile home or trailer	8,433	649	6,785	5,649	1,136	564	1,179	3,745	1,298	999
Stories in structure: ¹										
One story	37,705	1,248	33,413	24,502	8,911	1,266	4,023	18,071	10,053	3,044
2 stories	37,371	665	33,790	21,304	12,485	6,178	9,719	9,979	7,914	2,917
3 stories	23,865	244	21,894	14,709	7,185	7,937	8,082	3,661	2,214	1,727
4 to 6 stories	5,668	79	5,081	2,258	2,823	3,004	1,027	606	443	508
7 or more stories	2,210	76	1,841	374	1,467	1,009	331	327	174	293
Foundation: ²										
Full or partial basement	33,750	348	31,903	28,535	3,367	10,593	13,646	4,913	2,750	1,499
Crawlspace	20,864	735	18,421	14,854	3,567	729	2,646	9,547	5,499	1,708
Concrete slab	22,696	597	20,539	16,120	4,419	1,152	1,701	11,083	6,603	1,560
Other	1,070	273	636	459	177	98	119	269	152	161
Year structure built:										
1939 and earlier	22,236	436	19,529	11,547	7,981	7,370	6,250	3,460	2,450	2,271
1940 to 1949	8,334	211	7,426	4,721	2,705	1,695	1,748	2,420	1,564	696
1950 to 1959	13,574	362	12,295	8,919	3,375	2,570	3,225	3,851	2,649	918
1960 to 1969	15,810	455	14,228	9,483	4,746	2,453	3,241	5,120	3,414	1,126
1970 to 1979	23,180	689	20,616	13,271	7,345	2,643	4,466	8,350	5,157	1,875
1980 or later	32,120	807	28,709	20,854	7,856	3,227	5,429	13,859	6,864	2,604
Median year	1,969	1,970	1,969	1,970	1,966	1,954	1,963	1,974	1,972	1,968
Main heating equipment:										
Warm-air furnace	68,268	1,253	62,018	44,901	17,117	8,062	19,224	20,672	14,061	4,997
Electric heat pump	12,620	408	10,992	7,809	3,183	330	628	8,750	1,284	1,221
Steam or hot water system	14,270	129	13,153	7,581	5,572	9,372	2,277	7,471	764	988
Floor, wall, or pipeless furnace	6,063	192	5,310	2,403	2,907	450	559	1,743	2,828	561
Built-in electric units	5,786	280	4,939	2,285	2,654	1,228	1,135	912	1,664	567
Room heaters with flue	1,908	98	1,624	939	685	182	230	853	359	186
Room heaters without flue	2,064	41	1,790	1,066	723	28	47	1,649	66	234
Stoves	1,433	193	1,113	914	199	187	157	442	327	127
Fireplaces	251	30	211	172	39	10	22	90	89	11
Cooking stoves	151	20	116	47	68	48	9	41	17	15
None	1,131	233	544	206	338		10	144	389	355
Portable electric heaters	855	49	705	360	345	30	24	459	192	101
Other	454	38	289	114	176	33	38	164	54	127
Kitchen equipment:										
Lacking complete facilities	5,061	421	1,744	388	1,355	392	359	510	483	2,896
With complete facilities	110,192	2,540	101,059	68,407	32,652	19,566	24,001	35,879	21,613	6,593
Kitchen sink	114,246	2,805	102,439	68,705	33,734	19,853	24,282	36,288	22,016	9,001
Refrigerator	112,393	2,712	102,360	68,633	33,727	19,847	24,260	36,255	21,998	7,321
Cooking stove or range	111,862	2,628	101,955	68,499	33,457	19,774	24,159	36,102	21,921	7,279
Burners only, no stove or range	164	3	141	58	84	35	36	40	30	20
Microwave oven only	407	4	343	129	214	71	78	121	73	60
Dishwasher	62,391	1,040	57,703	44,904	12,799	9,707	12,231	21,659	14,106	3,648
Washing machine	84,889	1,271	80,543	65,140	15,403	14,383	19,633	29,926	16,601	3,075
Clothes dryer	81,426	1,387	76,544	62,738	13,716	13,141	19,278	28,166	15,869	3,585
Disposal in kitchen sink	49,323	737	45,345	31,659	13,685	4,430	10,912	15,130	14,872	3,242
Trash compactor	4,282	118	3,858	3,155	703	576	681	1,433	1,168	306
Air conditioning: Central	63,464	1,006	58,208	43,943	14,265	4,888	14,332	29,768	9,221	4,251
Percent of total units	55.1	34.0	56.6	63.9	41.9	24.5	58.8	81.8	41.7	44.8
One or more room units	29,287	522	26,888	15,842	11,047	9,606	6,941	7,233	3,108	1,878
Source of water:										
Public system or private company	100,115	1,919	89,942	57,390	32,552	16,973	20,493	31,765	20,712	8,254
Percent of total units	86.9	64.8	87.5	83.4	95.7	85.0	84.1	87.3	93.7	100.0
Well serving 1 to 5 units	14,337	861	12,400	11,040	1,360	2,895	3,762	4,410	1,333	1,076
Other	801	181	460	365	95	90	105	214	51	159
Means of sewage disposal:										
Public sewer	88,787	1,458	79,959	48,672	31,287	15,541	19,188	26,012	19,218	7,370
Percent of total units	77.0	49.2	77.8	70.7	92.0	77.9	78.8	71.5	87.0	77.7
Septic tank, cesspool, chemical toilet	26,051	1,293	22,753	20,071	2,683	4,407	5,164	10,317	2,865	2,005
Other	414	210	90	53	37	11	8	59	12	114

- Represents or rounds to zero. ¹ Excludes mobile homes. ² Limited to single-family units.

Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/99, *American Housing Survey for the United States*.

No. 953. Housing Inventory for Selected Metropolitan Areas— Summary Characteristics: 1993 to 1999

[1,684.4 represents 1,684,400. Based on the American Housing Survey and subject to sampling error; see Appendix III and source for details. For definition of median, see Guide to Tabular Presentation]

Year and metropolitan area	Percent							Owner occupied		Renter occupied, median monthly housing costs (dol.)
	Total units (1,000)	Owner occupied	Renter occupied	Vacant and seasonal	Single-family	Multi-family	Mobile homes	Median monthly housing costs (dol.)	Median value (dol.)	
1993										
Boston, MA-NH CMSA	1,684.4	55.1	36.0	8.8	52.1	46.9	1.0	841	157,089	646
Minneapolis-St. Paul, MN-WI MSA	1,044.3	67.3	26.7	6.0	68.2	29.6	2.3	733	93,748	523
San Francisco-Oakland, CA Area PMSAs	1,544.6	50.6	42.6	6.8	56.2	42.5	1.4	1,031	256,258	720
San Jose, CA PMSA	556.7	56.8	39.2	4.0	65.2	30.8	4.0	1,155	256,067	828
Tampa-St. Petersburg, FL MSA	1,076.7	56.7	24.1	19.3	58.6	25.7	15.7	442	69,089	485
Washington, DC-MD-VA MSA	1,642.4	57.1	35.4	7.5	64.3	35.0	0.7	1,056	167,103	690
1994										
Anaheim-Santa Ana, CA PMSA	918.0	56.0	36.8	7.2	56.1	40.2	3.7	1,127	216,962	805
Buffalo, NY CMSA	503.2	60.9	30.2	8.8	59.9	38.3	1.8	589	85,378	446
Dallas, TX PMSA	1,152.8	51.3	39.1	9.7	60.7	35.6	3.6	783	87,615	532
Fort Worth-Arlington, TX PMSA	555.4	57.9	32.4	9.7	69.8	27.3	2.9	668	70,759	509
Milwaukee, WI PMSA	593.0	58.5	35.9	5.6	59.6	39.8	0.6	684	101,407	498
Phoenix, AZ MSA	1,032.8	56.2	30.7	13.2	63.7	26.3	10.0	664	88,269	509
Riverside-San Bernardino-Ontario, CA PMSAs	1,121.4	56.5	26.7	16.8	67.4	21.5	11.1	807	123,491	592
San Diego, CA MSA	993.3	50.4	39.8	9.7	55.9	39.1	5.0	873	176,277	640
1995										
Charlotte, NC-SC MSA	539.4	62.7	30.6	6.7	68.4	20.8	10.8	532	86,763	489
Chicago, IL Area PMSAs	2,987.1	59.6	33.8	6.6	54.7	44.5	0.7	850	136,362	584
Columbus, OH MSA	604.9	57.9	34.0	8.1	75.8	21.4	2.8	654	92,664	484
Denver, CO PMSA	773.9	61.2	32.5	6.2	68.9	28.8	2.2	763	119,694	539
Detroit, MI PMSA	1,802.7	66.3	26.9	6.7	75.0	22.9	2.1	551	89,648	508
Kansas City, MO-KS MSA	715.5	61.9	30.2	7.9	76.2	21.0	2.8	565	78,542	481
Los Angeles-Long Beach, CA PMSA	3,276.0	42.0	48.0	10.0	54.7	44.0	1.3	943	192,803	654
Miami-Fort Lauderdale, FL CMSA	1,483.8	52.1	31.8	16.1	49.9	46.5	3.5	729	97,058	609
New Orleans, LA MSA	547.7	54.6	33.9	11.5	65.2	30.2	4.7	404	75,768	441
New York-Nassau-Suffolk-Orange County, NY PMSAs	4,577.3	41.0	50.9	8.1	32.3	67.4	0.3	931	172,651	650
Northern New Jersey PMSAs	2,442.2	56.0	34.2	9.8	59.2	40.0	0.8	976	176,713	669
Philadelphia, PA-NJ PMSA	1,986.6	63.7	28.0	8.4	73.1	25.8	1.0	673	112,769	578
Pittsburgh, PA MSA	1,051.7	66.5	25.7	7.8	73.9	21.5	4.7	416	73,383	417
Portland, OR-WA PMSA	702.6	60.3	32.9	6.8	70.2	23.9	5.9	704	127,731	566
San Antonio, TX MSA	538.7	55.4	34.6	10.0	67.0	27.3	5.6	507	62,577	475
1996										
Atlanta, GA MSA	1,421.1	58.6	33.4	8.1	66.9	28.6	4.5	803	105,037	651
Cleveland, OH PMSA	829.6	62.4	30.7	6.9	67.0	31.5	1.5	552	99,283	492
Hartford, CT MSA	480.2	60.5	31.1	8.4	63.0	26.5	0.5	888	139,641	616
Indianapolis, IN MSA	640.8	62.2	30.2	7.6	73.4	32.5	4.0	603	91,213	507
Memphis, TN-AR-MS MSA	442.0	59.3	31.5	9.2	70.0	26.1	3.9	592	76,175	477
Oklahoma City, OK MSA	446.4	57.8	28.7	13.5	72.0	22.1	6.0	461	65,638	434
Sacramento, CA PMSA	625.4	55.1	34.1	10.8	71.2	24.0	4.8	874	140,758	590
St. Louis, MO-IL MSA	1,107.0	64.3	26.5	9.2	71.2	23.6	5.2	557	82,111	462
Seattle-Everett, WA PMSA	965.3	58.3	35.1	6.5	60.4	33.9	5.7	897	164,554	630
1998										
Baltimore, MD MSA	1,028.2	61.7	27.8	10.5	78.8	19.6	1.6	739	127,557	589
Birmingham, AL MSA	394.0	64.1	26.9	9.0	75.9	15.6	8.5	385	87,670	480
Boston, MA-NH CMSA	1,345.9	56.5	37.4	6.1	59.2	39.8	1.0	933	191,179	748
Cincinnati, OH-KY-IN, PMSA	647.5	61.2	30.3	8.5	68.1	28.6	3.3	611	103,553	484
Houston, TX, PMSAs	1,547.3	53.0	36.6	10.4	68.7	26.9	4.4	678	82,543	557
Minneapolis-St. Paul, MN-WI MSA	1,150.3	70.6	26.0	3.3	72.0	25.6	2.4	786	122,624	583
Norfolk-Virginia Beach-Newport News, VA MSA	632.1	56.0	33.3	10.8	73.8	22.2	4.0	729	101,935	582
Oakland, CA, PMSA	895.0	56.8	38.8	4.4	71.8	26.4	1.9	1,086	226,173	775
Providence-Pawtucket-Warwick, RI-MA PMSAs	415.4	57.8	33.6	8.6	62.0	36.6	1.4	768	124,005	540
Rochester, NY, MSA	448.5	63.8	27.6	8.6	71.0	24.4	4.6	724	94,468	572
Salt Lake City, UT MSA	444.0	67.9	24.5	7.5	75.0	21.7	3.3	713	141,888	594
San Francisco, CA, PMSA	700.2	46.2	48.5	5.3	57.7	41.4	0.9	1,229	(1)	899
San Jose, CA PMSA	591.0	58.2	37.6	4.2	72.7	23.2	4.1	1,186	(1)	1,038
Tampa-St. Petersburg, FL MSA	1,138.3	58.6	23.6	17.8	62.8	19.6	17.6	541	81,510	565
Washington, DC-MD-VA, MSA	1,817.4	59.3	32.7	8.0	72.4	26.7	0.9	1,104	170,022	746
1999										
Chicago, IL, PMSA	3,060.7	60.7	32.4	7.0	58.5	40.8	0.7	855	147,742	637
Detroit, MI, PMSA	1,876.7	68.0	24.8	7.2	77.8	20.1	2.1	583	124,157	557
Los Angeles-Long Beach, CA PMSA	3,278.5	44.0	49.4	6.6	60.9	37.8	1.3	1,033	199,011	663
New York-Nassau-Suffolk-Orange County, NY PMSAs	4,615.9	41.7	52.1	6.2	39.0	60.6	0.4	910	186,164	684
Northern NJ, PMSA	2,502.1	59.7	32.9	7.4	65.4	33.8	0.7	983	181,898	732
Philadelphia, PA, PMSA	2,025.2	65.9	26.7	7.4	80.6	18.7	0.7	660	116,478	642

¹ More than \$300,000.

Source: U.S. Census Bureau, *American Housing Survey for the (name) Metropolitan Area (year)*, Series H-170.

No. 954. Housing Units—Size of Units and Lot: 1999

[In thousands (115,253 represents 115,253,000), except as indicated. As of Oct. 1. Based on the American Housing Survey; see Appendix III. For composition of regions, see map inside front cover]

Item	Total housing units	Year-round units										
		Seasonal	Occupied					North-east	Mid-west	South	West	Vacant
			Total	Owner	Renter							
Total units	115,253	2,961	102,803	68,796	34,007	19,958	24,360	36,389	22,096	9,489		
Rooms:												
1 room	622	74	407	6	401	148	71	54	133	140		
2 rooms	1,391	100	1,014	70	943	289	169	221	335	278		
3 rooms	11,071	517	8,973	906	7,977	2,305	1,780	2,520	2,368	1,581		
4 rooms	23,493	992	19,390	7,322	12,068	3,413	4,281	7,203	4,493	3,110		
5 rooms	26,544	706	23,733	16,395	7,338	3,841	5,698	9,443	4,751	2,104		
6 rooms	23,268	315	21,662	18,174	3,488	4,290	5,217	7,958	4,198	1,292		
7 rooms	14,126	132	13,457	12,314	1,143	2,628	3,411	4,532	2,886	537		
8 rooms or more	14,737	125	14,168	13,518	648	3,045	3,732	4,458	2,931	446		
Complete bathrooms:												
No bathrooms	2,032	446	676	263	413	188	125	244	119	911		
1 bathroom	49,179	1,378	42,838	18,650	24,188	10,358	11,006	13,086	8,386	4,963		
1 and one-half bathrooms	17,256	253	16,189	12,743	3,446	3,837	5,189	4,423	2,739	814		
2 or more bathrooms	46,786	885	43,100	37,140	5,960	5,575	8,039	18,635	10,851	2,802		
Square footage of unit:												
Single detached and mobile homes ¹	78,788	2,404	71,321	62,120	9,201	11,188	18,185	27,176	14,772	5,063		
Less than 500	1,380	337	844	580	264	130	113	407	195	199		
500 to 749	3,129	461	2,178	1,371	807	287	503	990	399	490		
750 to 999	6,490	367	5,314	3,950	1,364	592	1,397	2,282	1,044	808		
1,000 to 1,499	19,084	507	17,369	14,581	2,788	1,892	4,193	7,327	3,958	1,208		
1,500 to 1,999	17,163	234	16,153	14,542	1,611	2,333	3,845	6,177	3,798	776		
2,000 to 2,499	11,351	134	10,782	10,144	638	1,841	2,935	3,791	2,215	435		
2,500 to 2,999	5,782	63	5,507	5,253	254	1,083	1,450	1,964	1,011	212		
3,000 to 3,999	5,158	54	4,913	4,659	254	1,121	1,310	1,607	876	190		
4,000 or more	3,339	31	3,183	3,032	151	747	847	1,121	469	124		
Other ²	5,913	214	5,077	4,007	1,070	1,163	1,594	1,511	809	622		
Median square footage	1,685	952	1,730	1,795	1,293	1,953	1,772	1,648	1,683	1,300		
Lot size:												
Single detached and attached units and mobile homes	86,815	2,602	78,284	65,619	12,666	13,136	19,290	29,557	16,303	5,927		
Less than one-eighth acre	11,993	604	10,296	7,684	2,613	2,035	2,583	2,647	3,031	1,093		
One-eighth to one-quarter acre	25,900	659	23,516	18,931	4,585	3,137	5,962	7,927	6,490	1,724		
One-quarter to one-half acre	13,123	292	11,939	10,562	1,377	1,909	3,239	4,415	2,376	891		
One-half up to one acre	11,442	225	10,668	9,316	1,352	2,130	2,308	4,887	1,344	549		
1 to 5 acres	15,013	352	13,851	12,220	1,631	2,666	2,869	6,619	1,697	810		
5 to 10 acres	2,694	93	2,509	2,326	183	335	685	1,114	376	92		
10 acres or more	4,335	218	3,694	3,151	543	549	1,271	1,429	445	423		
Other ³	2,315	159	1,811	1,429	382	375	373	519	544	345		
Median acreage	0.33	0.24	0.34	0.38	0.22	0.41	0.32	0.47	0.22	0.25		

¹ Does not include selected vacant units. ² Represents units not reported or size unknown. ³ Represents condominiums and cooperatives—single detached, single attached, and mobile homes.
Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/99, *American Housing Survey for the United States*.

No. 955. Occupied Housing Units—Tenure by Race of Householder: 1991 to 1999

[In thousands (93,147 represents 93,147,000), except percent. As of fall. Based on the American Housing Survey; see Appendix III]

Race of householder and tenure	1991	1993	1995	1997	1999
ALL RACES¹					
Occupied units, total	93,147	94,724	97,693	99,487	102,803
Owner occupied	59,796	61,252	63,544	65,487	68,796
Percent of occupied	64.2	64.7	65.0	65.8	66.9
Renter occupied	33,351	33,472	34,150	34,000	34,007
WHITE					
Occupied units, total	79,140	80,029	81,611	82,154	83,624
Owner occupied	53,749	54,878	56,507	57,781	60,041
Percent of occupied	67.9	68.6	69.2	70.3	71.8
Renter occupied	25,391	25,151	25,104	24,372	23,583
BLACK					
Occupied units, total	10,832	11,128	11,773	12,085	12,936
Owner occupied	4,635	4,788	5,137	5,457	6,013
Percent of occupied	42.8	43.0	43.6	45.2	46.5
Renter occupied	6,197	6,340	6,637	6,628	6,923
HISPANIC ORIGIN²					
Occupied units, total	6,239	6,614	7,757	8,513	9,041
Owner occupied	2,423	2,788	3,245	3,646	4,087
Percent of occupied	38.8	42.2	41.8	42.8	45.2
Renter occupied	3,816	3,826	4,512	4,867	4,955

¹ Includes other races, not shown separately. ² Persons of Hispanic origin may be of any race.
Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/91, H150/93, H150/95/R, H150/97, and H150/99, *American Housing Survey for the United States*.

No. 956. Homeownership Rates by Age of Householder and Family Status: 1985 to 2000

[In percent. Represents the proportion of owner households to the total number of occupied households. Based on the Current Population Survey/Housing Vacancy Survey; see source for details]

Age of householder and family status	1985	1990	1993 ¹	1994	1995	1996	1997	1998	1999	2000
United States	63.9	63.9	64.5	64.0	64.7	65.4	65.7	66.3	66.8	67.4
AGE OF HOUSEHOLDER										
Less than 25 years old	17.2	15.7	15.0	14.9	15.9	18.0	17.7	18.2	19.9	21.7
25 to 29 years old	37.7	35.2	34.0	34.1	34.4	34.7	35.0	36.2	36.5	38.1
30 to 34 years old	54.0	51.8	51.0	50.6	53.1	53.0	52.6	53.6	53.8	54.6
35 to 39 years old	65.4	63.0	62.1	61.2	62.1	62.1	62.6	63.7	64.4	65.0
40 to 44 years old	71.4	69.8	69.0	68.2	68.6	69.0	69.7	70.0	69.9	70.6
45 to 49 years old	74.3	73.9	73.9	73.8	73.7	74.4	74.2	73.9	74.5	74.7
50 to 54 years old	77.5	76.8	77.1	76.8	77.0	77.2	77.7	77.8	77.8	78.5
55 to 59 years old	79.2	78.8	78.8	78.4	78.8	79.4	79.7	79.8	80.7	80.4
60 to 64 years old	79.9	79.8	80.9	80.1	80.3	80.7	80.5	82.1	81.3	80.3
65 to 69 years old	79.5	80.0	80.6	80.6	81.0	82.4	81.9	81.9	82.9	83.0
70 to 74 years old	76.8	78.4	79.9	80.1	80.9	81.4	82.0	82.2	82.8	82.6
75 years old and over	69.8	72.3	73.3	73.5	74.6	75.3	75.8	76.2	77.1	77.7
Less than 35 years old	39.9	38.5	37.9	37.3	38.6	39.1	38.7	39.3	39.7	40.8
35 to 44 years old	68.1	66.3	65.4	64.5	65.2	65.5	66.1	66.9	67.2	67.9
45 to 54 years old	75.9	75.2	75.4	75.2	75.2	75.6	75.8	75.7	76.0	76.5
55 to 64 years old	79.5	79.3	79.8	79.3	79.5	80.0	80.1	80.9	81.0	80.3
65 years and over	74.8	76.3	77.3	77.4	78.1	78.9	79.1	79.3	80.1	80.4
FAMILY STATUS										
Family households:										
Married-couple families	78.2	78.1	79.1	78.8	79.6	80.2	80.8	81.5	81.8	82.4
Male householder, no spouse present	57.8	55.2	54.6	52.8	55.3	55.5	54.0	55.7	56.1	57.5
Female householder, no spouse present	45.8	44.0	44.5	44.2	45.1	46.1	46.1	47.0	48.2	49.1
Nonfamily households:										
One-person	45.8	49.0	50.0	49.8	50.5	51.4	51.8	52.1	52.7	53.6
Male householder	38.8	42.4	43.2	43.1	43.8	44.9	45.2	45.7	46.3	47.4
Female householder	51.3	53.6	54.8	54.5	55.4	56.0	56.7	56.9	57.6	58.1
Other:										
Male householder	30.1	31.7	33.2	33.6	34.2	35.5	35.9	36.7	37.2	38.0
Female householder	30.6	32.5	35.6	34.3	33.0	35.9	39.5	40.3	41.5	40.6

¹ Based on 1990 census controls.

Source: U.S. Census Bureau, Internet site <<http://www.census.gov/hhes/www/hvs.html>>.

No. 957. Homeownership Rates by State: 1985 to 2000

[In percent. See headnote, Table 956]

State	1985	1990	1995	1998	1999	2000	State	1985	1990	1995	1998	1999	2000
United States	63.9	63.9	64.7	66.3	66.8	67.4	Missouri	69.2	64.0	69.4	70.7	72.9	74.2
Alabama	70.4	68.4	70.1	72.9	74.8	73.2	Montana	66.5	69.1	68.7	68.6	70.6	70.2
Alaska	61.2	58.4	60.9	66.3	66.4	66.4	Nebraska	68.5	67.3	67.1	69.9	70.9	70.2
Arizona	64.7	64.5	62.9	64.3	66.3	68.0	Nevada	57.0	55.8	58.6	61.4	63.7	64.0
Arkansas	66.6	67.8	67.2	66.7	65.6	68.9	New Hampshire	65.5	65.0	66.0	69.6	70.2	69.2
California	54.2	53.8	55.4	56.0	55.7	57.1	New Jersey	62.3	65.0	64.9	63.1	64.5	66.2
Colorado	63.6	59.0	64.6	65.2	68.1	68.3	New Mexico	68.2	68.6	67.0	71.3	72.6	73.7
Connecticut	69.0	67.9	68.2	69.3	69.1	70.0	New York	50.3	53.3	52.7	52.8	52.8	53.4
Delaware	70.3	67.7	71.7	71.0	71.6	72.0	North Carolina	68.0	69.0	70.1	71.3	71.7	71.1
Dist of Columbia	37.4	36.4	39.2	40.3	40.0	41.9	North Dakota	69.9	67.2	67.3	68.0	70.1	70.7
Florida	67.2	65.1	66.6	66.9	67.6	68.4	Ohio	67.9	68.7	67.9	70.7	70.7	71.3
Georgia	62.7	64.3	66.6	71.2	71.3	69.8	Oklahoma	70.5	70.3	69.8	69.7	71.5	72.7
Hawaii	51.0	55.5	50.2	52.8	56.6	55.2	Oregon	61.5	64.4	63.2	63.4	64.3	65.3
Idaho	71.0	69.4	72.0	72.6	70.3	70.5	Pennsylvania	71.6	73.8	71.5	73.9	75.2	74.7
Illinois	60.6	63.0	66.4	68.0	67.1	67.9	Rhode Island	61.4	58.5	57.9	59.8	60.6	61.5
Indiana	67.6	67.0	71.0	72.6	72.9	74.9	South Carolina	72.0	71.4	71.3	76.6	77.1	76.5
Iowa	69.9	70.7	71.4	72.1	73.9	75.2	South Dakota	67.6	66.2	67.5	67.3	70.7	71.2
Kansas	68.3	69.0	67.5	66.7	67.5	69.3	Tennessee	67.6	68.3	67.0	71.3	71.9	70.9
Kentucky	68.5	65.8	71.2	75.1	73.9	73.4	Texas	60.5	59.7	61.4	62.5	62.9	63.8
Louisiana	70.2	67.8	65.3	66.6	66.8	68.1	Utah	71.5	70.1	71.5	73.7	74.7	72.7
Maine	73.7	74.2	76.7	74.6	77.4	76.5	Vermont	69.5	72.6	70.4	69.1	69.1	68.7
Maryland	65.6	64.9	65.8	68.7	69.6	69.9	Virginia	68.5	69.8	68.1	69.4	71.2	73.9
Massachusetts	60.5	58.6	60.2	61.3	60.3	59.9	Washington	66.8	61.8	61.6	64.9	64.8	63.6
Michigan	70.7	72.3	72.2	74.4	76.5	77.2	West Virginia	75.9	72.0	73.1	74.8	74.8	75.9
Minnesota	70.0	68.0	73.3	75.4	76.1	76.1	Wisconsin	63.8	68.3	67.5	70.1	70.9	71.8
Mississippi	69.6	69.4	71.1	75.1	74.9	75.2	Wyoming	73.2	68.9	69.0	70.0	69.8	71.0

Source: U.S. Census Bureau, <<http://www.census.gov/hhes/www/hvs.html>>.

No. 958. Occupied Housing Units—Costs by Region: 1999

[As of fall (68,796 represents 68,796,000). Specified owner-occupied units are limited to one-unit structures on less than 10 acres and no business on property. Specified renter-occupied units exclude one-unit structures on 10 acres or more. See headnote Table 959 for an explanation of housing costs. For composition of regions, see map inside front cover. Based on the American Housing Survey; see Appendix III]

Category	Number (1,000)					Percent distribution				
	Total units	North-east	Mid-west	South	West	Total units	North-east	Mid-west	South	West
OWNER OCCUPIED UNITS										
Total	68,796	12,644	17,568	25,180	13,403	100.0	100.0	100.0	100.0	100.0
Monthly housing costs:										
Less than \$300	18,810	1,929	4,988	8,811	3,082	27.3	15.3	28.4	35.0	23.0
\$300 to \$399	6,758	1,417	1,965	2,287	1,088	9.8	11.2	11.2	9.1	8.1
\$400 to \$499	5,096	1,181	1,373	1,790	752	7.4	9.3	7.8	7.1	5.6
\$500 to \$599	4,593	939	1,370	1,646	638	6.7	7.4	7.8	6.5	4.8
\$600 to \$699	4,215	778	1,274	1,536	628	6.1	6.2	7.3	6.1	4.7
\$700 to \$799	4,071	722	1,135	1,632	582	5.9	5.7	6.5	6.5	4.3
\$800 to \$999	7,205	1,396	1,949	2,565	1,296	10.5	11.0	11.1	10.2	9.7
\$1,000 to \$1,249	6,166	1,323	1,457	1,828	1,558	9.0	10.5	8.3	7.3	11.6
\$1,250 to \$1,499	4,240	979	869	1,145	1,246	6.2	7.7	4.9	4.5	9.3
\$1,500 or more	7,642	1,979	1,188	1,941	2,534	11.1	15.7	6.8	7.7	18.9
Median (dol.) ¹	581	647	494	439	705	(X)	(X)	(X)	(X)	(X)
RENTER OCCUPIED UNITS										
Total	34,007	7,314	6,791	11,209	8,692	100.0	100.0	100.0	100.0	100.0
Monthly housing costs:										
Less than \$300	3,730	853	924	1,347	605	11.0	11.7	13.6	12.0	7.0
\$300 to \$399	3,340	535	969	1,273	564	9.8	7.3	14.3	11.4	6.5
\$400 to \$499	4,654	794	1,250	1,655	954	13.7	10.9	18.4	14.8	11.0
\$500 to \$599	5,289	1,070	1,160	1,746	1,313	15.6	14.6	17.1	15.6	15.1
\$600 to \$699	4,554	1,031	804	1,416	1,303	13.4	14.1	11.8	12.6	15.0
\$700 to \$799	3,414	827	533	1,052	1,002	10.0	11.3	7.8	9.4	11.5
\$800 to \$999	3,681	904	467	1,023	1,288	10.8	12.4	6.9	9.1	14.8
\$1,000 to \$1,249	1,779	464	201	419	695	5.2	6.3	3.0	3.7	8.0
\$1,250 to \$1,499	652	176	36	108	332	1.9	2.4	0.5	1.0	3.8
\$1,500 or more	813	256	92	173	293	2.4	3.5	1.4	1.5	3.4
No cash rent	2,100	405	355	996	344	6.2	5.5	5.2	8.9	4.0
Median (dol.) ¹	580	620	506	548	657	(X)	(X)	(X)	(X)	(X)

X Not applicable. ¹ For explanation of median, see Guide to Tabular Presentation.

No. 959. Occupied Housing Units—Financial Summary by Selected Characteristics of the Householder: 1999

[In thousands of units (102,803 represents 102,803,000), except as indicated. As of fall. Housing costs include real estate taxes, property insurance, utilities, fuel, water, garbage collection, and mortgage. Based on the American Housing Survey; see Appendix III]

Characteristic	Total occupied units		Tenure		Black		Hispanic origin ¹		Elderly ²		Households below poverty level	
	Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter
Total units ³	102,803	68,796	34,007		6,013	6,923	4,087	4,955	17,196	4,227	6,276	7,988
Monthly housing costs:												
Less than \$300	22,541	18,810	3,730		1,890	1,161	1,053	481	8,931	980	3,272	2,005
\$300-\$399	10,098	6,758	3,340		615	751	293	448	2,647	494	725	975
\$400-\$499	9,749	5,096	4,654		498	1,122	241	709	1,603	526	557	1,197
\$500-\$599	9,882	4,593	5,289		425	1,064	265	892	1,019	528	361	1,025
\$600-\$699	8,770	4,215	4,554		393	893	308	776	654	375	298	769
\$700-\$799	7,485	4,071	3,414		400	594	300	573	488	312	223	487
\$800-\$999	10,886	7,205	3,681		611	585	418	540	610	279	257	416
\$1,000 or more	21,292	18,048	3,244		1,181	350	1,208	333	1,266	309	583	413
Median amount (dol.) ⁴	581	581	580		501	521	662	583	292	481	290	459
Monthly housing costs as percent of income: ⁵												
Less than 5 percent	5,457	5,163	293		365	68	249	27	1,040	44	33	7
5 to 9 percent	13,195	11,992	1,203		931	212	614	120	3,213	85	103	59
10 to 14 percent	15,070	11,948	3,122		922	518	574	395	3,062	173	233	144
15 to 19 percent	15,333	11,108	4,226		833	708	595	575	2,353	271	280	179
20 to 24 percent	11,996	7,761	4,235		654	811	422	548	1,578	268	286	214
25 to 29 percent	9,066	5,503	3,562		516	718	394	530	1,170	455	360	432
30 to 34 percent	6,281	3,450	2,832		344	589	247	426	769	408	284	438
35 to 39 percent	4,495	2,428	2,067		285	435	198	367	697	281	303	383
40 percent or more	17,539	8,251	9,287		1,016	2,197	724	1,580	2,877	1,720	3,227	4,430
Median amount (percent)	20	17	28		19	31	20	31	17	38	56	64
Median monthly costs (dol.) ⁴ :												
Electricity	60	67	45		72	49	63	42	60	38	59	44
Piped gas	40	43	28		47	33	33	25	43	28	42	29
Fuel oil	56	58	44		58	45	56	32	58	42	49	53

¹ Persons of Hispanic origin may be of any race. ² Householders 65 years old and over. ³ Includes units with mortgage payment not reported and no cash rent not shown separately. ⁴ For explanation of median, see Guide to Tabular Presentation.

⁵ Money income before taxes.

Source of Tables 958 and 959: U.S. Census Bureau, *Current Housing Reports*, series H150/99, *American Housing Survey for the United States*.

No. 960. Mortgage Characteristics—Owner Occupied Units: 1999

[In thousands (68,796 represents 68,796,000). As of fall. Based on the American Housing Survey; see Appendix III]

Mortgage characteristic	Housing unit characteristics			Household characteristics				
	Total occupied units	New construction ¹	Mobile homes	Black	Hispanic	Elderly ²	Moved in past year	Below poverty level
ALL OWNERS								
Total³	68,796	4,825	5,649	6,013	4,087	17,196	5,636	6,276
Mortgages currently on property:								
None, owned free and clear	25,604	865	2,988	2,086	1,299	13,105	1,187	3,964
Regular and home equity mortgages	6,279	446	77	372	288	368	246	129
Regular mortgage only	30,102	3,207	2,119	2,846	2,194	2,349	3,763	1,608
Home equity mortgage only	2,784	92	105	208	104	644	74	141
With regular mortgage, home equity not reported	2,503	127	213	269	115	425	238	246
No regular mortgage, home equity not reported	1,525	89	147	232	86	305	128	187
Type of home equity mortgage:								
Units with one or more home equity mortgages	9,062	537	182	580	392	1,013	320	270
Lump sum only	3,680	229	79	326	212	353	140	129
Credit line only	5,013	280	85	224	159	621	161	118
Both	48	2	2	-	-	7	-	7
OWNERS WITH ONE OR MORE REGULAR MORTGAGES								
Total³	38,883	3,779	2,409	3,487	2,598	3,142	4,247	1,983
Type of primary mortgage:								
FHA	5,410	452	88	981	647	277	742	237
VA	1,893	144	33	265	129	136	209	62
Farmers Home Administration	330	44	29	52	28	44	55	33
Other types	28,204	2,967	2,026	1,815	1,622	2,116	2,962	1,345
Mortgage origination:								
Placed new mortgage(s)	38,199	3,753	2,328	3,426	2,521	3,084	4,181	1,926
Assumed	585	24	75	44	72	53	52	47
Wrap-around	27	2	5	4	4	5	7	4
Combination of the above	73	-	-	12	1	-	7	5
Payment plan of primary mortgage:								
Fixed payment, self amortizing	31,472	3,164	1,971	2,680	2,099	2,147	3,532	1,369
Adjustable rate mortgage	2,057	171	50	139	147	174	155	79
Adjustable term mortgage	277	30	41	46	16	42	35	41
Graduated payment mortgage	363	72	24	32	35	21	76	17
Balloon	302	42	28	22	16	33	34	38
Combination of the above	273	31	14	14	11	20	26	12

- Represents or rounds to zero. ¹ Constructed in the past 4 years. ² 65 years old and over. ³ Includes types not known and not reported.

Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/99, *American Housing Survey for the United States*.

No. 961. Occupied Housing Units—Neighborhood Indicators by Selected Characteristics of the Householder: 1999

[In thousands (102,803 represents 102,803,000). As of fall. Based on the American Housing Survey; see Appendix III]

Characteristic	Total occupied units	Tenure		Black		Hispanic origin ¹		Elderly ²		Households below poverty level	
		Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter
Total units³	102,803	68,796	34,007	6,013	6,923	4,087	4,955	17,196	4,227	6,276	7,988
Street noise or traffic present ³	28,991	16,561	12,430	1,722	2,759	965	1,601	4,516	1,336	1,794	2,989
Condition not bothersome	17,311	9,907	7,404	1,033	1,592	502	861	3,141	909	1,090	1,717
Condition bothersome	11,624	6,632	4,992	686	1,156	464	741	1,370	422	699	1,261
Neighborhood crime present ³	14,429	7,566	6,863	1,145	1,953	630	1,056	1,578	558	792	1,827
Condition not bothersome	6,011	3,123	2,888	443	839	258	330	755	279	308	683
Condition bothersome	8,384	4,435	3,949	697	1,107	372	725	818	277	485	1,129
Other problems:											
Noise	2,659	1,502	1,157	138	215	111	161	341	80	157	275
Litter or housing deterioration	1,821	1,159	662	195	201	88	124	310	50	121	204
Poor city or county services	847	532	316	106	102	56	66	101	14	64	99
People	4,494	2,736	1,758	230	385	195	262	547	128	258	468
With public transportation ³	55,565	31,813	23,752	3,587	5,470	2,490	4,009	7,982	2,977	2,648	5,742
Household uses it at least weekly	10,596	3,564	7,032	847	2,329	430	1,717	785	953	391	2,275
Household uses it less than weekly	19,587	11,914	7,673	1,348	1,587	882	1,096	2,925	1,071	1,095	1,890
Household does not use	25,115	16,254	8,861	1,374	1,508	1,177	1,176	4,250	929	1,154	1,525
No public transportation	43,601	34,755	8,846	2,286	2,272	1,466	800	8,767	1,110	3,416	1,960

¹ Persons of Hispanic origin may be of any race. ² Householders 65 years old and over. ³ Includes conditions not reported.

Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/99, *American Housing Survey for the United States*.

No. 962. Heating Equipment and Fuels for Occupied Units: 1991 to 1999

[93,147 represents 93,147,000. As of fall. Based on American Housing Survey. See Appendix III]

Type of equipment or fuel	Number (1,000)					Percent distribution	
	1991	1993	1995	1997	1999	1991	1999
Occupied units, total	93,147	94,724	97,692	99,487	102,803	100.0	100.0
Heating equipment:							
Warm air furnace	49,423	51,248	53,165	58,603	62,018	53.1	60.3
Heat pumps	7,638	8,422	9,406	11,101	10,992	8.2	10.7
Steam or hot water	13,929	13,657	13,669	12,929	13,153	15.0	12.8
Floor, wall, or pipeless furnace	4,291	4,746	4,963	5,588	5,310	4.6	5.2
Built-in electric units	6,755	6,722	7,035	4,531	4,939	7.3	4.8
Room heaters with flue	2,549	1,766	1,620	1,584	1,624	2.7	1.6
Room heaters without flue	2,111	1,597	1,642	1,754	1,790	2.3	1.7
Fireplaces, stoves, portable heaters or other	5,590	5,654	5,150	2,780	2,434	6.0	2.4
None	861	911	1,044	617	544	0.9	0.5
House main heating fuel:							
Utility gas	47,018	47,669	49,203	51,052	52,366	50.5	50.9
Fuel oil, kerosene, etc.	12,462	12,189	12,029	10,855	10,750	13.4	10.5
Electricity	23,714	25,107	26,771	29,202	31,142	25.5	30.3
Bottled, tank, or LP gas	3,882	3,922	4,251	5,398	5,905	4.2	5.7
Coal or coke	319	297	210	183	168	0.3	0.2
Wood and other fuel	4,890	4,630	4,186	2,177	1,927	5.2	1.9
None	862	910	1,043	620	545	0.9	0.5
Cooking fuel:							
Electricity	54,232	55,887	57,621	58,818	61,315	58.2	59.6
Gas	38,119	37,996	39,218	40,083	41,051	40.9	39.9
Other fuel	424	479	566	113	69	0.5	0.1
None	372	362	287	473	368	0.4	0.4

¹ Includes utility, bottled, tank, and LP gas.

Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/91, H150/93, H150/95RV, H150/97, and H150/99, *American Housing Survey for the United States*.

No. 963. Occupied Housing Units—Housing Indicators by Selected Characteristics of the Householder: 1999

[In thousands of units (102,803 represents 102,803,000). As of fall. Based on the American Housing Survey; see Appendix III]

Characteristic	Total occupied units	Tenure		Black		Hispanic origin ¹		Elderly ²		Households below poverty level	
		Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter	Owner	Renter
Total units	102,803	68,796	34,007	6,013	6,923	4,087	4,955	17,196	4,227	6,276	7,988
Amenities:											
Porch, deck, balcony, or patio	83,498	61,556	21,942	5,072	4,158	3,493	2,860	15,244	2,468	5,316	4,699
Usable fireplace	33,269	29,243	4,026	1,772	563	1,218	416	6,044	325	1,552	511
Separate dining room	45,844	36,968	8,875	3,340	1,919	1,950	1,198	8,442	895	2,834	1,679
With two or more living rooms or recreation rooms	30,360	28,203	2,157	2,105	348	1,180	171	6,041	233	1,567	313
Garage or carport with home	60,553	49,941	10,612	3,254	1,357	2,890	1,540	12,695	1,112	3,570	1,734
Cars and trucks available:											
No cars, trucks, or vans	9,542	2,674	6,867	554	2,369	157	1,212	1,721	1,935	848	3,054
Other households without cars	10,493	7,328	3,165	345	359	605	555	1,177	189	693	629
One car with or without trucks or vans	51,140	33,510	17,630	2,970	3,292	1,877	2,327	10,277	1,870	3,483	3,553
Two cars	24,628	19,225	5,402	1,622	792	1,100	757	3,449	202	1,026	630
Three or more cars	7,000	6,057	943	523	111	348	103	573	31	226	122
With cars, no trucks or vans	49,346	30,843	18,503	3,207	3,595	1,577	2,408	9,891	1,826	3,063	3,580
One truck or van with or without cars	32,168	25,365	6,803	1,782	725	1,584	1,057	4,394	340	1,727	1,042
Two or more trucks or vans	11,747	9,913	1,834	471	233	769	278	1,191	126	638	312
Internal deficiencies:											
Signs of rats in last 3 months	892	415	477	76	163	65	155	74	31	70	180
Holes in floors	1,183	489	693	76	226	33	146	98	55	125	287
Open cracks or holes	5,675	2,778	2,896	336	837	224	492	448	169	357	936
Broken plaster or peeling paint (interior of unit)	2,834	1,268	1,566	198	428	125	306	246	123	154	495
No electrical wiring	42	30	11	-	-	-	3	7	2	23	9
Exposed wiring	623	343	281	39	53	19	28	88	22	38	89
Rooms without electric outlet	1,677	870	808	89	196	63	134	211	70	95	238
Water leakage ³	9,669	5,400	4,269	590	1,027	363	649	875	268	458	1,109

- Represents zero. ¹ Persons of Hispanic origin may be of any race. ² Householders 65 years old and over. ³ During the 12 months prior to the survey.

Source: U.S. Census Bureau, *Current Housing Reports*, Series H150/99, *American Housing Survey for the United States*.

No. 964. Appliances and Office Equipment Used by Households by Region and Household Income: 1997

[101.5 represents 101,500,000. Represents appliances possessed and generally used by the household. Based on Residential Energy Consumption Survey; see source. For composition of regions, see inside front cover]

Type of appliance	Households using appliance	Region				Household income in 1997			
		North-east	Midwest	South	West	Under \$10,000	\$10,000-\$24,999	\$25,000-\$49,999	\$50,000 and over
Total households (mil.)	101.5	19.7	24.1	35.9	21.8	13.3	29.1	31.1	27.9
PERCENT WITH—									
Air conditioner:									
Central system	46.8	22.1	51.3	69.4	26.9	27.4	37.3	50.2	62.1
Clothes washer	24.8	39.6	26.1	23.2	12.8	33.3	28.8	24.0	17.5
Clothes dryer ¹	77.4	76.0	78.9	82.0	69.5	52.7	69.0	81.5	93.4
Electric	71.2	66.7	75.8	74.2	65.1	36.2	61.0	77.1	91.8
Natural gas	55.1	48.3	50.1	66.4	48.2	31.0	49.0	59.9	67.6
Dishwasher	15.2	17.7	23.9	7.2	16.5	4.8	11.1	16.3	23.3
Ceiling fan	50.2	48.5	46.9	51.5	53.1	15.7	35.5	53.6	78.2
Freezer	60.1	51.2	63.6	71.2	46.0	39.3	55.2	64.4	70.3
One	33.2	25.7	41.8	36.9	24.2	25.6	30.0	35.1	37.9
Two or more	30.2	24.2	38.4	33.1	22.1	23.6	27.5	32.2	34.1
Microwave oven	2.9	1.5	3.4	3.8	2.2	2.0	2.5	2.9	3.8
Oven	83.0	78.7	86.9	82.4	83.3	60.3	81.2	86.7	91.5
Electric	98.8	99.4	99.1	98.7	98.1	96.6	98.6	99.4	99.3
Natural gas	61.4	49.3	56.6	72.1	60.2	49.1	58.7	63.9	67.4
Self cleaning oven	33.3	45.0	38.0	22.1	35.7	42.2	34.9	31.6	29.2
Range	44.1	48.5	45.1	41.8	42.7	18.1	31.1	47.0	66.6
Electric	99.2	99.7	99.4	99.1	98.8	97.0	99.1	99.8	99.6
Natural gas	60.2	48.3	55.5	70.9	58.4	49.1	58.3	62.8	64.4
Refrigerator	34.7	45.7	39.3	23.6	37.8	42.4	35.6	32.9	31.9
Frost free	99.8	99.9	99.9	99.9	99.7	99.3	99.9	99.9	100.0
Water heater ¹	86.8	85.2	85.1	90.0	84.7	73.0	83.1	88.5	95.2
Electric	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Natural gas	39.1	25.9	26.5	58.3	33.0	40.7	43.3	39.9	32.9
Stereo equipment	51.9	46.3	67.6	37.3	63.5	46.9	48.5	51.5	58.2
Color TV	68.8	66.7	67.0	67.8	74.4	45.2	60.1	73.7	83.7
One	98.7	98.9	99.0	98.7	98.2	96.1	98.5	99.2	99.6
Two	31.8	31.8	32.1	29.1	36.0	55.6	40.5	27.3	16.6
Three	37.4	36.1	36.2	38.9	37.3	30.9	37.7	41.6	35.4
Four	19.1	20.8	20.4	18.4	17.3	7.5	15.6	20.4	26.8
Five or more	7.7	7.5	7.8	8.9	5.5	1.7	3.6	8.2	14.0
Six or more	2.7	2.6	2.5	3.4	2.2	(S)	1.1	1.7	6.8
VCR	87.6	86.1	89.7	86.0	89.0	66.8	84.0	91.6	96.6
Personal computers	35.1	31.9	38.0	31.0	41.3	9.7	16.5	36.9	64.5
One	29.2	27.2	32.4	25.9	32.9	8.0	14.5	32.8	50.7
Two or more	5.9	4.7	5.6	5.1	8.5	(S)	2.0	4.1	13.8
With modem	20.4	17.8	21.7	18.2	24.9	5.2	8.6	19.8	40.7
With laser printer	12.5	11.4	12.9	11.7	14.2	2.5	4.5	12.8	25.1
Used 15 hrs. per week or less	25.2	21.5	27.7	23.0	29.3	6.3	12.2	28.2	44.4
Used 16 hrs. per week or more	9.9	10.4	10.2	8.0	12.1	3.4	4.2	8.7	20.0
Personal use only	4.7	4.5	5.2	4.2	5.3	2.3	2.3	4.1	9.1
Business use only	2.1	2.3	2.5	1.1	3.1	(S)	(S)	1.4	5.0
Both	3.1	3.6	2.6	2.7	3.7	(S)	1.2	3.3	6.0
Cordless phone	61.4	59.6	63.8	61.5	60.2	35.3	51.5	66.9	77.9
Facsimile machine	6.2	6.5	5.3	5.6	8.1	(S)	2.5	5.3	13.3
Photocopier	3.7	3.8	3.9	3.5	3.9	(S)	1.5	3.9	7.3
Answering machine	58.4	62.2	61.0	54.2	59.1	30.2	49.1	62.3	77.2

S Figure does not meet publication standards. ¹ Includes other types, not shown separately.

Source: U.S. Energy Information Administration, Internet site <<http://www.eia.doe.gov/emeu/recs/contents.html>>.

No. 965. Net Stock of Residential Fixed Assets: 1990 to 1999

[In billions of dollars (6,287.4 represents \$6,287,400,000,000). End of year estimates]

Item	1990	1992	1993	1994	1995	1996	1997	1998	1999
Total residential fixed assets	6,287.4	6,755.5	7,161.9	7,654.5	7,973.1	8,391.5	8,850.1	9,405.3	10,061.3
By type of owner and legal form of organization:									
Private:									
Corporate	6,137.7	6,595.8	6,991.0	7,472.2	7,784.2	8,195.3	8,646.3	9,191.8	9,835.7
Noncorporate	68.0	71.9	73.7	76.0	78.2	81.5	86.5	91.7	96.2
Government	6,069.6	6,524.0	6,917.2	7,396.3	7,706.0	8,113.8	8,559.8	9,100.1	9,739.5
Federal	149.7	159.6	170.9	182.3	188.8	196.2	203.8	213.5	225.6
State and local	52.5	53.5	57.3	60.7	62.4	64.5	66.7	69.5	72.7
State and local	97.2	106.1	113.7	121.6	126.5	131.7	137.2	144.0	152.9
By tenure group: ¹									
Owner-occupied	4,486.9	4,873.5	5,214.1	5,628.7	5,891.6	6,228.8	6,584.7	7,025.0	7,566.1
Farm	150.3	155.6	161.1	169.6	174.0	178.9	188.7	198.0	210.6
Nonfarm	4,336.6	4,717.9	5,053.0	5,459.1	5,717.7	6,049.9	6,396.0	6,826.9	7,355.5
Tenant-occupied	1,774.5	1,855.7	1,920.3	1,997.3	2,052.5	2,133.1	2,234.9	2,348.5	2,461.4
Farm	10.9	11.2	11.7	12.5	12.8	13.2	13.6	14.1	14.8
Nonfarm	1,763.6	1,844.5	1,908.6	1,984.8	2,039.7	2,119.9	2,221.4	2,334.4	2,446.6

¹ Excludes stocks of other nonfarm residential assets, which consists primarily of dormitories, and of fraternity and sorority houses.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly, September 2000 issue.

No. 966. Expenditures by Residential Property Owners for Improvements and Maintenance and Repairs by Type of Property and Activity: 1980 to 2000

[In millions of dollars (46,338 represents \$46,338,000,000)]

Year and type of expenditure	Additions and alterations								
	Total	1-unit properties with owner occupant	Other properties	To structures			To property outside of structures	Major replacements	Maintenance and repairs
				Total	Additions	Alterations			
1980	46,338	31,481	14,857	21,336	4,183	11,193	5,960	9,816	15,187
1985	82,127	48,236	33,891	29,259	4,027	17,922	7,309	16,519	36,349
1987	98,413	56,354	42,059	41,484	9,893	22,503	9,088	16,701	40,227
1988	106,864	63,060	43,804	45,371	11,868	23,789	9,715	17,912	43,580
1989	108,054	62,866	45,188	42,176	7,191	24,593	10,391	19,788	46,089
1990	115,432	63,441	51,991	39,929	9,160	23,510	7,261	19,700	55,800
1991	107,692	62,608	45,084	33,662	8,609	17,486	7,567	18,526	55,505
1992	115,569	72,930	42,639	44,041	7,401	24,870	11,771	20,705	50,821
1993	121,899	77,626	44,273	53,512	16,381	27,657	9,472	22,604	45,785
1994	130,625	85,903	44,722	56,835	12,906	30,395	13,534	26,606	47,185
1995	124,971	79,003	45,968	51,011	11,197	29,288	10,526	26,928	47,032
1996	131,362	84,462	46,900	64,513	17,388	32,889	14,235	26,738	40,108
1997	133,577	90,677	42,900	65,222	14,575	37,126	13,523	27,210	41,145
1998	133,693	96,159	37,534	62,971	11,897	38,787	12,287	28,741	41,980
1999, total¹	142,900	95,778	47,122	72,056	16,164	42,058	13,833	28,493	42,352
Heating and air conditioning ²	9,638	6,391	3,247	2,815	(NA)	2,815	(NA)	4,177	2,647
Plumbing	12,254	6,402	5,852	4,377	(NA)	2,730	1,647	3,108	4,767
Roofing	12,480	7,858	4,622	(NA)	(NA)	(NA)	(NA)	8,135	4,345
Painting	11,790	6,398	5,392	(NA)	(NA)	(NA)	(NA)	(NA)	11,790
2000, total¹	152,975	100,161	52,814	77,979	18,189	40,384	19,407	32,760	42,236
Heating and air conditioning ²	10,866	7,075	3,791	2,736	(NA)	2,736	(NA)	5,645	2,486
Plumbing	11,518	5,561	5,957	3,359	(NA)	2,186	1,172	3,035	5,123
Roofing	15,834	8,670	7,164	(NA)	(NA)	(NA)	(NA)	11,243	4,591
Painting	13,830	7,592	6,238	(NA)	(NA)	(NA)	(NA)	(NA)	13,830

NA Not available. ¹ Includes types of expenditures not separately specified. ² Central air-conditioning.
 Source: U.S. Census Bureau, *Current Construction Reports*, Series C50, *Expenditures for Residential Improvement*, quarterly.

No. 967. Home Remodeling—Work Done and Amount Spent: 1999

[In thousands, except percent (1,327 represents 1,327,000). As of spring. For work done in the prior 12 months. Based on survey and subject to sampling error; see source.]

Remodeling project	Households with work done ¹		Work done by—		Amount spent (dol.)		
	Number	Percent of households	Household member	Outside contractor	Under \$1,000	\$1,000 to \$2,999	Over \$3,000
Conversion of garage/attic/basement into living space	1,327	1.3	800	282	366	260	478
Remodel bathroom	6,188	6.0	3,998	1,282	3,101	1,138	646
Remodel kitchen	4,695	4.6	2,659	1,253	1,745	780	1,098
Remodel bedroom	3,404	3.3	2,427	320	2,213	247	137
Remodel/convert room to home office	1,106	1.1	844	82	695	92	585
Remodel other rooms	3,228	3.2	2,158	561	1,511	598	368
Add bathroom	611	0.6	270	161	2174	281	192
Add/extend garage	599	0.6	336	2130	2124	256	293
Add other rooms—exterior addition	814	0.8	354	294	2154	231	368
Add deck/porch/patio	2,455	2.4	1,246	875	832	650	527
Roofing	5,131	5.0	1,284	2,903	1,294	1,512	1,416
Siding—vinyl/metal	1,512	1.5	449	756	286	299	563
Aluminum windows	1,101	1.1	364	433	452	2171	2167
Clad-wood/Wood windows	503	0.5	197	254	2165	161	2106
Vinyl windows	1,780	1.7	481	969	473	486	514
Ceramic tile floors	2,737	2.7	1,235	1,140	1,378	493	344
Hardwood floors	1,553	1.5	579	715	564	391	266
Vinyl flooring	2,801	2.7	1,311	1,076	1,821	225	2110
Carpeting	5,633	5.5	1,264	3,524	2,534	1,510	618
Kitchen cabinets	2,255	2.2	837	821	525	451	444
Kitchen counter tops	2,531	2.5	729	1,200	1,276	314	217
Skylights	549	0.5	214	317	226	2142	246
Exterior doors	3,069	3.0	1,434	1,149	2,030	308	292
Interior doors	1,603	1.6	816	451	997	293	279
Garage doors	1,792	1.7	509	994	1,095	285	60
Concrete or masonry work	2,418	2.4	975	1,075	1,077	490	393
Swimming pool—in ground	319	0.3	254	223	230	261	168
Wall paneling	728	0.7	433	255	363	22	231
Ceramic wall tile	907	0.9	461	269	598	287	240

¹ Includes no response and amount unknown. ² Figure does not meet standards of reliability or precision.
 Source: Mediarmark Research Inc., *New York, NY, Top-Line Reports*, (copyright) Internet site <http://www.mediarmark.com/mri/docs/TopLineReports.html> (accessed 11 June 2001).

No. 968. Commercial Office Space—Overview for Selected Market Areas: 2000

[As of mid-October (3,095,197 represents 3,095,197,000). For the 76 market areas with the highest vacancy rates in 2000. Data based on responses from individuals knowledgeable in the local markets]

Market area	Inventory (1,000 sq. ft.)	Vacant space (1,000 sq. ft.)	Vacancy rate (percent)	Construction (1,000 sq. ft.)	Net absorption (1,000 sq. ft.)
United States, all market areas²	3,095,197	265,516	8.6	118,401	138,230
Albuquerque	11,423	1,056	9.2	57	456
Allentown	8,741	879	10.1	268	339
Atlanta	113,851	12,843	11.3	7,452	5,862
Baton Rouge	3,273	250	7.6	30	55
Birmingham	20,147	1,903	9.4	371	308
Bridgeport/Stratford	6,891	665	9.7	150	653
Buffalo	8,875	1,051	11.8	309	568
Charleston	4,292	474	11.0	106	333
Charlotte	32,763	3,135	9.6	3,190	3,785
Chicago	157,589	21,327	13.5	6,429	7,122
Cincinnati	34,140	2,221	6.5	1,342	398
Cleveland	36,400	3,791	10.4	588	371
Columbia	11,068	912	8.2	255	549
Corpus Christi	2,789	556	19.9	-	18
Dallas	132,755	21,979	16.6	3,061	7,490
Des Moines	10,281	702	6.8	-	1,452
El Paso	7,765	1,239	16.0	-	414
Fargo	3,785	299	7.9	99	214
Fort Lauderdale	18,965	1,695	8.9	1,774	585
Fort Wayne	5,631	392	7.0	180	151
Fort Worth	19,531	3,340	17.1	368	-
Fresno	14,798	1,643	11.1	400	733
Grand Rapids	10,925	1,184	10.8	145	838
Greensboro, High-Point, Winston-Salem	15,277	2,177	14.2	483	567
Greenville	6,117	962	15.7	69	805
Hartford	21,423	3,518	16.4	160	519
Honolulu	11,725	1,598	13.6	-	121
Houston	109,740	11,341	10.3	3,449	2,161
Indianapolis	23,107	3,583	15.5	520	720
Jacksonville	15,286	2,251	14.7	541	1,043
Kansas City	35,772	3,559	9.9	1,296	333
Lansing	8,099	740	9.1	1,035	419
Las Vegas	17,798	1,725	9.7	1,149	2,284
Little Rock	10,996	882	8.0	852	394
Los Angeles-Central	27,761	6,295	22.7	-	-
Los Angeles-East	1,900	152	8.0	-	55
Los Angeles-Inland Empire	6,727	1,191	17.7	-	526
Los Angeles-Orange County	55,276	4,242	7.7	2,001	849
Los Angeles-San Fernando Valley	32,639	2,899	8.9	450	1,130
Los Angeles-South Bay	31,460	3,844	12.2	427	1,384
Madison	7,754	576	7.4	931	475
Medford	6,584	624	9.5	200	29
Memphis	24,005	2,484	10.3	378	788
Miami	29,654	2,531	8.5	3,038	4,824
Milwaukee	26,825	3,270	12.2	600	485
Minneapolis/St. Paul	53,083	4,592	8.7	4,129	3,204
Nashville	22,841	2,376	10.4	893	1,947
New Haven	13,900	1,315	9.5	240	800
New Jersey Central	70,931	5,436	7.7	4,220	6,013
New Jersey Northern	133,894	18,672	13.9	6,049	8,290
New Jersey South	16,174	1,198	7.4	74	342
Norfolk	20,478	1,705	8.3	766	597
NYC-Brooklyn/Queens	68,576	4,800	7.0	-	-
Oklahoma City	14,367	2,483	17.3	86	194
Omaha	8,981	588	6.5	850	123
Philadelphia	73,363	7,168	9.8	2,313	-
Phoenix	27,804	2,907	10.5	2,291	284
Pittsburgh	35,803	5,090	14.2	1,066	475
Richmond	21,083	1,621	7.7	673	1,325
Rochester	14,051	1,298	9.2	-	799
Sacramento	30,605	2,545	8.3	1,497	2,207
San Antonio	17,786	1,806	10.2	297	829
San Diego	36,490	3,082	8.4	2,346	2,888
Santa Rosa/Sonoma Valley	6,226	1,096	17.6	53	754
Shreveport	3,474	601	17.3	-	133
Sioux Falls	2,100	187	8.9	150	173
South Bend	3,184	393	12.3	150	112
Spokane	2,180	185	8.5	-	-
Stamford/Norwalk	25,749	1,689	6.6	-	271
St. Louis	39,887	4,220	10.6	1,479	1,496
Syracuse	7,911	964	12.2	55	411
Toledo	7,588	1,342	17.7	-	45
Tulsa	15,522	1,658	10.7	735	804
Ventura County	7,000	700	10.0	975	550
Wilmington	12,143	957	7.9	-	119
Youngstown	2,650	315	11.9	50	50

- Represents zero. ¹ Net change in occupied stock. ² Includes other market areas, not shown separately.

Source: Society of Industrial and Office REALTORS, Washington DC, 2001 Comparative Statistics of Industrial and Office Real Estate Markets (copyright).

No. 969. Commercial Buildings—Summary: 1999

[Preliminary. (4,665 represents 4,665,000). Excludes buildings 1,000 square feet or smaller. Building type based on predominant activity in which the occupants were engaged. Based on a sample survey of building representatives conducted in 1999, therefore subject to sampling variability. For composition of regions, see map inside front cover]

Characteristic	All build-ings (1,000)	Floor-space (mil. sq. ft.)	Mean sq. ft. per building (1,000)	Characteristic	All build-ings (1,000)	Floor-space (mil. sq. ft.)	Mean sq. ft. per building (1,000)
All buildings	4,665	67,344	14.4	200,001 to 500,000	23	6,851	296.3
Region and division:				Over 500,000	7	6,627	929.0
Northeast	691	12,384	17.9	Year constructed:			
New England	208	3,735	18.0	1919 or before	418	4,012	9.6
Mid Atlantic	483	8,649	17.9	1920 to 1945	488	6,404	13.1
Midwest	1,188	16,741	14.1	1946 to 1959	760	9,103	12.0
East North Central	782	11,207	14.3	1960 to 1969	678	10,894	16.1
West North Central	406	5,534	13.6	1970 to 1979	762	11,792	15.5
South	1,763	23,499	13.3	1980 to 1989	852	13,931	16.3
South Atlantic	749	11,002	14.7	1990 to 1999	707	11,207	15.9
East South Central	396	5,232	13.2	Workers (main shift):			
West South Central	619	7,265	11.7	Fewer than 5	2,377	14,284	6.0
West	1,022	14,720	14.4	5 to 9	808	6,329	7.8
Mountain	315	4,559	14.5	10 to 19	689	8,082	11.7
Pacific	706	10,161	14.4	20 to 49	488	10,842	22.2
Principal activity within:				50 to 99	173	8,870	51.2
Education	327	8,638	26.4	100 to 249	90	8,342	92.4
Food sales	174	997	5.7	250 or more	39	10,595	270.0
Food service	350	1,850	5.3	Energy sources: ¹			
Health care	127	2,918	22.9	Electricity	4,403	65,722	14.9
Inpatient	11	1,865	168.2	Natural gas	2,675	45,255	17.0
Outpatient	116	1,053	9.1	Fuel oil	434	13,292	30.6
Lodging	153	4,528	29.6	District heat	117	5,891	50.2
Mercantile	668	10,372	15.5	Propane	451	6,276	13.9
Retail (other than mall)	534	4,737	8.9	Heating equipment:			
Enclosed mall and strip center	134	5,635	42.1	Heat pumps	492	8,941	18.2
Office	744	12,069	16.2	Furnaces	1,467	14,510	9.9
Public assembly	305	4,394	14.4	Individual space heaters	894	17,325	19.4
Public order and safety	72	1,168	16.2	District heat	96	5,534	57.7
Religious worship	307	3,424	11.1	Boilers	576	19,444	33.7
Service	478	3,395	7.1	Packaged heating units	1,346	25,743	19.1
Warehouse and storage	604	10,462	17.3	Other	189	4,067	21.6
Other	102	1,222	12.0	Cooling equipment: ¹			
Vacant	253	1,908	7.6	Residential-type central A/C	677	8,348	12.3
Building floorspace (sq. ft.):				Heat pumps	486	9,165	18.9
1,001 to 5,000	2,355	6,806	2.9	Individual A/C	799	14,298	17.9
5,001 to 10,000	1,110	8,234	7.4	District chilled water	50	2,757	55.5
10,001 to 25,000	708	11,127	15.7	Central chillers	129	12,916	100.1
25,001 to 50,000	257	9,311	36.2	Packaged A/C units	1,959	36,571	18.7
50,001 to 100,000	145	10,117	70.0	Swamp coolers	136	2,210	16.2
100,001 to 200,000	59	8,271	139.4	Other	49	1,308	26.6

¹ More than one type may apply.

Source: U.S. Energy Information Administration, Internet site <<http://www.eia.doe.gov/emeu/cbecs/contents.html>> (accessed 8 August 2001).

No. 970. Office Buildings—Vacancy Rates for Major Markets: 1980 to 2000

[As of end of year. Excludes government owned and occupied, owner-occupied, and medical office buildings]

Market	1980	1985	1990	1993	1994	1995	1996	1997	1998	1999	2000
Atlanta, GA	10.0	21.0	19.1	16.8	13.0	10.4	9.2	10.5	11.2	11.8	11.7
Baltimore, MD	7.2	11.5	20.0	17.3	15.5	17.0	14.3	11.6	10.0	(NA)	9.8
Charlotte, NC	(NA)	16.7	16.5	(NA)	10.0	8.9	8.2	7.1	7.2	9.5	8.6
Chicago, IL	7.0	16.5	18.6	21.4	18.7	15.5	15.5	(NA)	14.4	14.6	11.0
Columbus, OH	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13.2
Dallas, TX	8.6	23.0	25.8	29.5	21.7	18.7	16.2	14.7	15.0	18.5	15.8
Edmonton, CN	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12.0	11.9
Fort Lauderdale, FL	(NA)	(NA)	23.0	(NA)	10.8	(NA)	10.5	10.4	10.0	4.8	10.3
Houston, TX	4.0	27.6	24.9	25.1	24.7	21.9	17.5	12.1	10.7	12.7	11.7
Indianapolis, IN	(NA)	(NA)	21.2	18.8	18.4	14.3	(NA)	14.2	11.2	10.8	14.0
Los Angeles, CA	0.9	15.3	16.8	21.0	19.6	23.2	22.1	13.8	14.2	11.5	9.7
Memphis, TN	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13.6	12.0	12.5	11.2	12.6
Milwaukee, WI	(NA)	(NA)	22.9	21.0	17.6	16.3	(NA)	(NA)	(NA)	16.9	17.4
Minneapolis, MN	(NA)	(NA)	(NA)	(NA)	8.2	(NA)	6.5	6.2	7.0	7.6	9.8
Montreal, CN	(NA)	(NA)	(NA)	(NA)	21.3	(NA)	20.5	19.1	17.5	14.4	11.9
Nashville, TN	(NA)	(NA)	25.1	(NA)	7.5	(NA)	6.9	6.0	7.5	9.7	10.4
New Jersey (North)	(NA)	(NA)	(NA)	(NA)	16.5	(NA)	14.5	11.9	10.0	9.6	10.0
Orlando, FL	(NA)	(NA)	(NA)	(NA)	12.1	(NA)	6.5	6.4	7.1	9.5	9.0
Philadelphia, PA	6.3	14.5	18.2	17.8	16.3	16.2	13.7	10.9	12.4	11.1	9.4
Phoenix, AZ	(NA)	(NA)	27.6	(NA)	11.8	(NA)	11.5	9.3	8.9	13.4	10.8
Pittsburgh, PA	1.2	(NA)	16.3	17.0	15.8	14.5	(NA)	15.4	14.0	13.0	19.4
Sacramento, CA	(NA)	(NA)	(NA)	(NA)	14.1	(NA)	12.4	12.3	11.8	12.4	8.6
St. Louis, MO	(NA)	(NA)	21.0	19.1	18.1	12.7	13.4	12.3	9.6	11.2	13.7
St. Paul, MN	(NA)	(NA)	(NA)	(NA)	15.2	(NA)	12.5	9.9	7.2	9.2	10.7
Tampa/St. Petersburg	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13.0	9.1	8.8	10.0	10.5
West Palm Beach, FL	(NA)	(NA)	(NA)	(NA)	16.8	(NA)	12.0	12.3	13.5	13.0	11.7
Winston-Salem/Greensboro	(NA)	(NA)	(NA)	(NA)	13.2	(NA)	14.1	12.3	14.5	15.7	15.1

NA not available.

Source: ONCOR International, Houston, TX, 1980 and 1985, *National Office Market Report*, semiannual; 1989-1990, *International Office Market Report*, semiannual; thereafter, *Year-End (year) Market Data Book*, annual (copyright).