

# Women in the Labor Force: A Databook

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# Women in the Labor Force: A Databook

## Introduction

Over the past three decades, a significantly greater proportion of women have participated in the American workforce. In addition, women have made substantial inroads into higher-paying occupations, during this time. In 1970, only about 43 percent of women age 16 and older participated in the labor force, but by 2002 this labor force participation rate had risen to 60 percent. Moreover, from 1983 to 2002, the proportion of women employed as managers, administrators, or executives nearly doubled. As increasing proportions of women moved into higher-paying job categories, their earnings also advanced. From 1979 to 2002, women's real earnings (adjusted for inflation) increased by 27 percent, while men's real earnings increased by only 1 percent. The movement of women into the labor force and into higher-paying occupations has gone hand-in-hand with their pursuit of higher education. For example, in 1970, only 11 percent of women age 25 to 64 years had completed 4 or more years of college; 32 percent held college degrees, by 2001. (The percentage of men with a college degree doubled over the same period from 16 percent to 32 percent.)

This report presents historical and current labor force and earnings data for women and men from the Current Population Survey (CPS). The CPS is a national monthly survey of approximately 60,000 households, conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. Unless otherwise noted, data are annual averages from the CPS. For a detailed description of the source of the data and an explanation of concepts and definitions used, see the Technical Note at the end of this report.

## Highlights

- In 2002, about three-fifths of women were in the labor force. Although the unemployment rate for women rose from 4.7 percent in 2001 to 5.6 percent in 2002, it remained low by historical standards. White women's unemployment rates continued to be lower than those of their black, Asian, or Hispanic counterparts. (See tables 1, 2, and 3.)
- Since the early 1980s, women and men's unemployment rates have been roughly similar. In 2000, the unemployment rates for both sexes hit 30-year lows at 4.1 and 3.9 percent, respectively. (See table 2.)
- Since 1975, the labor force participation rate of mothers with children under age 18 has grown from 47 to 72 percent. The biggest increase in labor force participation among mothers occurred among women with children under age 3. Fully 61 percent of this group was in the labor force in 2002, compared with only 34 percent about a quarter century earlier. Additionally, these proportions were higher for unmarried mothers than for married mothers. (See tables 6 and 7.)
- Both women and men have increased their educational attainment levels during the past 30 years. About 30 percent of both women and men in the labor force held college degrees in 2002. However, only about 8 percent of women age 25 to 64 in the labor force were high school dropouts in 2002, compared with 34 percent in 1970. (See tables 8 and 9.)
- Thirty-four percent of women worked in a managerial or professional specialty occupation in 2002, compared with 22 percent in 1983. Nonetheless, women still accounted for the lion's share of employment in some of the relatively lower-paying occupations within this broad category. For example, although 55 percent of persons employed in professional specialty occupations were women, only 11 percent of engineers were women; but 98 percent of preschool and kindergarten teachers were women. Only 19 percent of dentists were women, whereas 93 percent of registered nurses were women. (See tables 10 and 11.)
- White women were more likely than black women to work in managerial or professional specialty occupations (about 35 percent compared with 26 percent, respectively) and almost twice as likely as Hispanic women (about 19 percent) to work in these higher-paying occupations in 2002. Nearly 4 in 10 employed white, black, and Hispanic women worked in technical, sales, and administrative support occupations; but Hispanic and black women were much more likely than white women to work in service occupations. Twenty-eight percent of black and 27 percent of Hispanic women worked in these occupations, compared with 17 percent of white women. (See table 12.)
- In 2002, women's earnings were 78 percent of men's, on average. Overall, women's real earnings (earnings

adjusted for inflation) have increased by 27 percent from 1979 to 2002; increases varied among the race and ethnic groups. Real earnings of white women increased by 30 percent, while black women's earnings increased by 22 percent; and Hispanic women's earnings increased by 10 percent. (See table 13.)

- Black and Hispanic women have more earnings parity with black and Hispanic men, respectively, than do white women with white men. While black and Hispanic women earned 91 percent and 88 percent, respectively, of black and Hispanic men's earnings, white women earned 78 percent of white men's earnings. (See table 13.)
- Women and men with college degrees earned about 76 percent more than those with only a high school diploma, in 2002. Nonetheless, female college graduates who were full-time wage and salary workers had median earnings of \$809 a week, compared with \$1,089 for men. (See table 14.)
- Differences between women and men's earnings reflect, in part, differences by occupation. For example, women in professional specialty occupations (which typically require at least a bachelor's degree) have earnings that are about 75 percent those of men's—a difference due partly to women's concentration in lower-paying professional occupations, such as nursing and teaching. (See table 15.)
- In 2002, approximately 25 percent of employed women usually worked part time, that is, less than 35 hours a week. This compares to about 11 percent of employed men. Over the past three decades, the proportion of women who worked part time has changed little, and the proportion for men has edged up slightly. (See table 16.)
- Although women still worked shorter weeks, women increased their workweek by 2 hours over the prior 26 years, while men increased their workweek by less than half an hour. For example, in 2002, women employed in nonagricultural industries worked an average of 36.1 hours per week, although men worked an average of 41.8 hours. (See table 17.)
- Nearly 60 percent of women who worked at some time in calendar year 2001 worked full time and year round, compared with 41 percent in 1970. During the same period, the proportion for men grew from 66 to 73 percent. (See table 18.) Data were collected in the Annual Social and Economic Supplement of the CPS and refer to work experience during the entire prior calendar year.
- Both wife and husband had earnings from work in 59 percent of married-couple families in 2001, compared with 44 percent in 1967. (See table 19.)
- Working wives' contributions to family income grew about 7 percentage points over the last three decades.

In 1970, wives' earnings accounted for almost 27 percent (median) of their families' incomes. By 2001, the proportion had grown to 34 percent. A growing proportion of wives also earn more than their husbands. Eighteen percent of working wives whose husbands also worked earned more than their spouses, in 1987. In 2001, this proportion was 24 percent. (See tables 20 and 21.)

- Overall, around 4 percent of female workers paid hourly had earnings at or below the Federal minimum wage of \$5.15 an hour. Among those 25 years and over, women were almost twice as likely as men to have earnings at or below the minimum wage. (See table 22.) Data are 2002 CPS annual averages.
- Women who worked 27 weeks or more in 2001 were slightly more likely than men to live in poverty; 5.5 percent of women were in poverty versus 4.4 percent of men. Moreover, among those who worked 27 weeks or more, black and Hispanic women were more than twice as likely as white women to live below the poverty level. Poverty rates generally decline with age among those who worked 27 weeks or more; nearly 1 in 4 women between the ages of 16 and 24 lived below the poverty level in 2001, compared with 1 in 5 women age 25 and older. (See table 23.) Data are from the Annual Social and Economic Supplement of the CPS and reflect earnings and work experience of the prior calendar year.
- In February 2001, the proportions of women and men employed on a *contingent* basis were about the same, 4.2 percent and 3.8 percent, respectively. Contingent workers are those who do not expect their jobs to last. (See table 24.) Data are from the February 2001 Contingent and Alternative Work Arrangements supplement to the CPS.
- Men were slightly more likely than women to have flexible schedules on their jobs in May 2001, and white women were more likely to have flexible schedules than either black or Hispanic women. Unmarried women were more likely to have flexible schedules on their jobs than married women, although the reverse was true for men. (See table 26.) Data are from the May 2001 Work Schedules supplement to the CPS.
- About 15 percent of both women and men reported working at home at least once per week, as part of their main job in May 2001. Work at home was more common for parents than for non-parents. Women were slightly more likely than men to be paid for work they did at home. Work at home was common among the self-employed in May 2001; about 27 percent of self-employed women and 33 percent of self-employed men worked at home. (See table 27.) Data are from the May 2001 Work Schedules supplement to the CPS.

- Among those who experienced job displacement between January 1999 and December 2001, women were about half again as likely as men to have left the labor force by January 2002. Moreover, white women were nearly twice as likely as white men to be out of the labor force in that month. (See table 28.) Data are from the January 2002 Displaced Worker supplement to the CPS.
- Among young women who had graduated from high school in 2001, nearly 79 percent of those not enrolled in college were in the labor force in October 2001. In contrast, only about 61 percent of young women who had dropped out of school during the 2000-01 school year were working or looking for work. Among young women overall who were not in school, labor force participation rates were dramatically lower and unemployment rates seven times higher for those who had not completed high school than for those who had graduated from college. (See tables 29 and 30.) Data are from the October 2001 School Enrollment supplement to the CPS.
- Women age 16 to 24 who were enrolled in either high school or college in October 2001 were more likely than men who were in high school or college to be in the labor force. Women not in school were less likely than their male counterparts to be in the labor force. (See table 30.)
- Since 1970, the multiple jobholding rate for women—the percent of employed women with more than one job—has grown from approximately 2.2 percent to 5.5 percent in 2002. (The multiple jobholding rate had reached a peak of 6.5 percent in 1995.) In contrast, this rate for men has fallen, from 7 percent in 1970 to 5.1 percent in 2002. (See table 31.) Data were collected in the May CPS.
- About 5.4 percent of employed women were self-employed in 2002. This compares with 7.3 percent of men. During the 1976-2002 period, the percentage of women who were self-employed increased by 1 percentage point, while the percentage of men who were self-employed declined by about the same amount. In 2002, women made up about 40 percent of self-employed persons, compared with 27 percent in 1976. (See table 32.) Data are annual averages from the CPS.
- Foreign-born women were less likely to be in the labor force than U.S.-born women, in 2001. The reverse was true for men. (See table 33.)
- Thirteen percent of female wage and salary workers were represented by unions in 2002, compared with 16 percent of men. Union attachment for both groups has fallen since 1983, when unions represented 18 percent of female wage and salary workers and nearly 28 percent of men. (See table 34.)

Table 1. **Employment status of the civilian noninstitutional population by age and sex, 2002 annual averages**

(Numbers in thousands)

Age	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
Total, both sexes								
16 years and over .....	217,570	144,863	66.6	136,485	62.7	8,378	5.8	72,707
16 to 19 years .....	15,994	7,585	47.4	6,332	39.6	1,253	16.5	8,409
16 to 17 years.....	8,099	2,870	35.4	2,330	28.8	540	18.8	5,229
18 to 19 years.....	7,895	4,715	59.7	4,002	50.7	714	15.1	3,180
20 to 24 years.....	19,348	14,781	76.4	13,351	69.0	1,430	9.7	4,567
25 to 54 years.....	122,077	101,719	83.3	96,823	79.3	4,896	4.8	20,358
25 to 34 years.....	38,472	32,196	83.7	30,306	78.8	1,890	5.9	6,276
25 to 29 years.....	18,188	15,182	83.5	14,204	78.1	978	6.4	3,006
30 to 34 years.....	20,284	17,014	83.9	16,103	79.4	911	5.4	3,270
35 to 44 years.....	43,894	36,926	84.1	35,235	80.3	1,691	4.6	6,968
35 to 39 years.....	21,338	17,887	83.8	17,022	79.8	864	4.8	3,451
40 to 44 years.....	22,556	19,040	84.4	18,213	80.7	827	4.3	3,516
45 to 54 years.....	39,711	32,597	82.1	31,281	78.8	1,315	4.0	7,114
45 to 49 years.....	21,073	17,666	83.8	16,944	80.4	722	4.1	3,407
50 to 54 years.....	18,638	14,931	80.1	14,337	76.9	594	4.0	3,707
55 to 64 years.....	26,343	16,309	61.9	15,674	59.5	635	3.9	10,034
55 to 59 years.....	14,901	10,531	70.7	10,125	68.0	405	3.8	4,370
60 to 64 years.....	11,442	5,779	50.5	5,549	48.5	230	4.0	5,664
65 years and over.....	33,808	4,469	13.2	4,306	12.7	163	3.6	29,339
65 to 69 years.....	9,492	2,474	26.1	2,379	25.1	95	3.8	7,019
70 to 74 years.....	8,507	1,191	14.0	1,144	13.4	47	4.0	7,316
75 years and over.....	15,809	804	5.1	783	5.0	21	2.6	15,005

Table 1. Employment status of the civilian noninstitutional population by age and sex, 2002 annual averages

—Continued

(Numbers in thousands)

Age	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
Women								
16 years and over.....	112,985	67,363	59.6	63,582	56.3	3,781	5.6	45,621
16 to 19 years.....	7,848	3,715	47.3	3,162	40.3	553	14.9	4,133
16 to 17 years.....	3,959	1,439	36.3	1,200	30.3	238	16.6	2,520
18 to 19 years.....	3,889	2,277	58.5	1,962	50.4	315	13.8	1,613
20 to 24 years.....	9,721	7,012	72.1	6,374	65.6	638	9.1	2,710
25 to 54 years.....	62,137	47,151	75.9	44,900	72.3	2,252	4.8	14,986
25 to 34 years.....	19,435	14,600	75.1	13,733	70.7	866	5.9	4,835
25 to 29 years.....	9,156	6,929	75.7	6,482	70.8	447	6.5	2,228
30 to 34 years.....	10,279	7,671	74.6	7,252	70.6	419	5.5	2,608
35 to 44 years.....	22,371	17,098	76.4	16,303	72.9	795	4.6	5,273
35 to 39 years.....	10,867	8,182	75.3	7,763	71.4	419	5.1	2,686
40 to 44 years.....	11,503	8,916	77.5	8,540	74.2	376	4.2	2,587
45 to 54 years.....	20,332	15,454	76.0	14,863	73.1	591	3.8	4,878
45 to 49 years.....	10,784	8,389	77.8	8,064	74.8	325	3.9	2,395
50 to 54 years.....	9,548	7,065	74.0	6,799	71.2	266	3.8	2,483
55 to 64 years.....	13,703	7,559	55.2	7,296	53.2	263	3.5	6,144
55 to 59 years.....	7,700	4,913	63.8	4,743	61.6	170	3.5	2,787
60 to 64 years.....	6,003	2,645	44.1	2,553	42.5	93	3.5	3,357
65 years and over.....	19,575	1,926	9.8	1,851	9.5	76	3.9	17,649
65 to 69 years.....	5,104	1,059	20.7	1,013	19.9	46	4.3	4,045
70 to 74 years.....	4,735	527	11.1	507	10.7	20	3.9	4,208
75 years and over.....	9,736	340	3.5	331	3.4	10	2.8	9,396

Table 1. Employment status of the civilian noninstitutional population by age and sex, 2002 annual averages

—Continued

(Numbers in thousands)

Age	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
Men								
16 years and over.....	104,585	77,500	74.1	72,903	69.7	4,597	5.9	27,085
16 to 19 years.....	8,146	3,870	47.5	3,169	38.9	700	18.1	4,276
16 to 17 years.....	4,140	1,431	34.6	1,130	27.3	301	21.1	2,709
18 to 19 years.....	4,006	2,439	60.9	2,040	50.9	399	16.4	1,567
20 to 24 years.....	9,627	7,769	80.7	6,978	72.5	792	10.2	1,857
25 to 54 years.....	59,939	54,568	91.0	51,923	86.6	2,645	4.8	5,372
25 to 34 years.....	19,037	17,596	92.4	16,573	87.1	1,023	5.8	1,441
25 to 29 years.....	9,031	8,253	91.4	7,722	85.5	531	6.4	778
30 to 34 years.....	10,005	9,343	93.4	8,851	88.5	492	5.3	662
35 to 44 years.....	21,523	19,828	92.1	18,932	88.0	897	4.5	1,695
35 to 39 years.....	10,471	9,705	92.7	9,259	88.4	445	4.6	766
40 to 44 years.....	11,053	10,124	91.6	9,672	87.5	451	4.5	929
45 to 54 years.....	19,379	17,143	88.5	16,419	84.7	725	4.2	2,236
45 to 49 years.....	10,289	9,277	90.2	8,881	86.3	397	4.3	1,012
50 to 54 years.....	9,090	7,866	86.5	7,538	82.9	328	4.2	1,224
55 to 64 years.....	12,641	8,751	69.2	8,378	66.3	373	4.3	3,890
55 to 59 years.....	7,201	5,617	78.0	5,382	74.7	235	4.2	1,583
60 to 64 years.....	5,440	3,133	57.6	2,996	55.1	137	4.4	2,307
65 years and over.....	14,233	2,542	17.9	2,455	17.2	87	3.4	11,690
65 to 69 years.....	4,388	1,415	32.2	1,365	31.1	49	3.5	2,974
70 to 74 years.....	3,772	664	17.6	637	16.9	27	4.0	3,108
75 years and over.....	6,073	464	7.6	452	7.4	12	2.5	5,609

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 2. **Employment status of the civilian noninstitutional population 16 years and over by sex, 1970-2002**  
annual averages

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
Total, both sexes								
1970.....	137,085	82,771	60.4	78,678	57.5	4,093	4.9	54,315
1971.....	140,216	84,382	60.2	79,367	56.6	5,016	5.9	55,834
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	57.0	4,882	5.6	57,091
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	57.8	4,365	4.9	57,667
1974.....	150,120	91,949	61.3	86,794	57.8	5,156	5.6	58,171
1975.....	153,153	93,775	61.2	85,846	56.1	7,929	8.5	59,377
1976.....	156,150	96,158	61.6	88,752	56.8	7,406	7.7	59,991
1977.....	159,033	99,009	62.3	92,017	57.9	6,991	7.1	60,025
1978 <sup>1</sup> .....	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659
1979.....	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900
1980.....	167,745	106,940	63.8	99,303	59.2	7,637	7.1	60,806
1981.....	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460
1982.....	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067
1983.....	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665
1984.....	176,383	113,544	64.4	105,005	59.5	8,539	7.5	62,839
1985.....	178,206	115,461	64.8	107,150	60.1	8,312	7.2	62,744
1986 <sup>1</sup> .....	180,587	117,834	65.3	109,597	60.7	8,237	7.0	62,752
1987.....	182,753	119,865	65.6	112,440	61.5	7,425	6.2	62,888
1988.....	184,613	121,669	65.9	114,968	62.3	6,701	5.5	62,944
1989.....	186,393	123,869	66.5	117,342	63.0	6,528	5.3	62,523
1990 <sup>1</sup> .....	189,164	125,840	66.5	118,793	62.8	7,047	5.6	63,324
1991.....	190,925	126,346	66.2	117,718	61.7	8,628	6.8	64,578
1992.....	192,805	128,105	66.4	118,492	61.5	9,613	7.5	64,700
1993.....	194,838	129,200	66.3	120,259	61.7	8,940	6.9	65,638
1994 <sup>1</sup> .....	196,814	131,056	66.6	123,060	62.5	7,996	6.1	65,758
1995.....	198,584	132,304	66.6	124,900	62.9	7,404	5.6	66,280
1996.....	200,591	133,943	66.8	126,708	63.2	7,236	5.4	66,647
1997 <sup>1</sup> .....	203,133	136,297	67.1	129,558	63.8	6,739	4.9	66,837
1998 <sup>1</sup> .....	205,220	137,673	67.1	131,463	64.1	6,210	4.5	67,547
1999 <sup>1</sup> .....	207,753	139,368	67.1	133,488	64.3	5,880	4.2	68,385
2000 <sup>1</sup> .....	212,577	142,583	67.1	136,891	64.4	5,692	4.0	69,994
2001.....	215,092	143,734	66.8	136,933	63.7	6,801	4.7	71,359
2002.....	217,570	144,863	66.6	136,485	62.7	8,378	5.8	72,707

See footnotes at end of table.

Table 2. **Employment status of the civilian noninstitutional population 16 years and over by sex, 1970-2002**  
**annual averages—Continued**

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
Women								
1970.....	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239
1971.....	74,274	32,202	43.4	29,976	40.4	2,227	6.9	42,072
1972 <sup>1</sup> .....	76,290	33,479	43.9	31,257	41.0	2,222	6.6	42,811
1973 <sup>1</sup> .....	77,804	34,804	44.7	32,715	42.0	2,089	6.0	43,000
1974.....	79,312	36,211	45.7	33,769	42.6	2,441	6.7	43,101
1975.....	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,386
1976.....	82,390	38,983	47.3	35,615	43.2	3,369	8.6	43,406
1977.....	83,840	40,613	48.4	37,289	44.5	3,324	8.2	43,227
1978 <sup>1</sup> .....	85,334	42,631	50.0	39,569	46.4	3,061	7.2	42,703
1979.....	86,843	44,235	50.9	41,217	47.5	3,018	6.8	42,608
1980.....	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861
1981.....	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922
1982.....	90,748	47,755	52.6	43,256	47.7	4,499	9.4	42,993
1983.....	91,684	48,503	52.9	44,047	48.0	4,457	9.2	43,181
1984.....	92,778	49,709	53.6	45,915	49.5	3,794	7.6	43,068
1985.....	93,736	51,050	54.5	47,259	50.4	3,791	7.4	42,686
1986 <sup>1</sup> .....	94,789	52,413	55.3	48,706	51.4	3,707	7.1	42,376
1987.....	95,853	53,658	56.0	50,334	52.5	3,324	6.2	42,195
1988.....	96,756	54,742	56.6	51,696	53.4	3,046	5.6	42,014
1989.....	97,630	56,030	57.4	53,027	54.3	3,003	5.4	41,601
1990 <sup>1</sup> .....	98,787	56,829	57.5	53,689	54.3	3,140	5.5	41,957
1991.....	99,646	57,178	57.4	53,496	53.7	3,683	6.4	42,468
1992.....	100,535	58,141	57.8	54,052	53.8	4,090	7.0	42,394
1993.....	101,506	58,795	57.9	54,910	54.1	3,885	6.6	42,711
1994 <sup>1</sup> .....	102,460	60,239	58.8	56,610	55.3	3,629	6.0	42,221
1995.....	103,406	60,944	58.9	57,523	55.6	3,421	5.6	42,462
1996.....	104,385	61,857	59.3	58,501	56.0	3,356	5.4	42,528
1997 <sup>1</sup> .....	105,418	63,036	59.8	59,873	56.8	3,162	5.0	42,382
1998 <sup>1</sup> .....	106,462	63,714	59.8	60,771	57.1	2,944	4.6	42,748
1999 <sup>1</sup> .....	108,031	64,855	60.0	62,042	57.4	2,814	4.3	43,175
2000 <sup>1</sup> .....	110,613	66,303	59.9	63,586	57.5	2,717	4.1	44,310
2001.....	111,811	66,848	59.8	63,737	57.0	3,111	4.7	44,962
2002.....	112,985	67,363	59.6	63,582	56.3	3,781	5.6	45,621

See footnotes at end of table.

Table 2. **Employment status of the civilian noninstitutional population 16 years and over by sex, 1970-2002**  
**annual averages—Continued**

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
Men								
1970.....	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076
1971.....	65,942	52,180	79.1	49,390	74.9	2,789	5.3	13,762
1972 <sup>1</sup> .....	67,835	53,555	78.9	50,896	75.0	2,659	5.0	14,280
1973 <sup>1</sup> .....	69,292	54,624	78.8	52,349	75.5	2,275	4.2	14,667
1974.....	70,808	55,739	78.7	53,024	74.9	2,714	4.9	15,069
1975.....	72,291	56,299	77.9	51,857	71.7	4,442	7.9	15,993
1976.....	73,759	57,174	77.5	53,138	72.0	4,036	7.1	16,585
1977.....	75,193	58,396	77.7	54,728	72.8	3,667	6.3	16,797
1978 <sup>1</sup> .....	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956
1979.....	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293
1980.....	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945
1981.....	80,511	61,974	77.0	57,397	71.3	4,577	7.4	18,537
1982.....	81,523	62,450	76.6	56,271	69.0	6,179	9.9	19,073
1983.....	82,531	63,047	76.4	56,787	68.8	6,260	9.9	19,484
1984.....	83,605	63,835	76.4	59,091	70.7	4,744	7.4	19,771
1985.....	84,469	64,411	76.3	59,891	70.9	4,521	7.0	20,058
1986 <sup>1</sup> .....	85,798	65,422	76.3	60,892	71.0	4,530	6.9	20,376
1987.....	86,899	66,207	76.2	62,107	71.5	4,101	6.2	20,692
1988.....	87,857	66,927	76.2	63,273	72.0	3,655	5.5	20,930
1989.....	88,762	67,840	76.4	64,315	72.5	3,525	5.2	20,923
1990 <sup>1</sup> .....	90,377	69,011	76.4	65,104	72.0	3,906	5.7	21,367
1991.....	91,278	69,168	75.8	64,223	70.4	4,946	7.2	22,110
1992.....	92,270	69,964	75.8	64,440	69.8	5,523	7.9	22,306
1993.....	93,332	70,404	75.4	65,349	70.0	5,055	7.2	22,927
1994 <sup>1</sup> .....	94,355	70,817	75.1	66,450	70.4	4,367	6.2	23,538
1995.....	95,178	71,360	75.0	67,377	70.8	3,983	5.6	23,818
1996.....	96,206	72,087	74.9	68,207	70.9	3,880	5.4	24,119
1997 <sup>1</sup> .....	97,715	73,261	75.0	69,685	71.3	3,577	4.9	24,454
1998 <sup>1</sup> .....	98,758	73,959	74.9	70,693	71.6	3,266	4.4	24,799
1999 <sup>1</sup> .....	99,722	74,512	74.7	71,446	71.6	3,066	4.1	25,210
2000 <sup>1</sup> .....	101,964	76,280	74.8	73,305	71.9	2,975	3.9	25,684
2001.....	103,282	76,886	74.4	73,196	70.9	3,690	4.8	26,396
2002.....	104,585	77,500	74.1	72,903	69.7	4,597	5.9	27,085

<sup>1</sup> The comparability of historical labor force data has been affected at various times by methodological and conceptual changes in the Current Population Survey (CPS). For an explanation, see the Explanatory Notes and Estimates of Error

section of *Employment and Earnings*, a monthly BLS periodical.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 3. **Employment status by race, age, sex, and Hispanic origin, 2002 annual averages**

(Numbers in thousands)

Race, age, sex, and Hispanic origin	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>White</b>								
Total, 16 years and over.....	179,783	120,150	66.8	114,013	63.4	6,137	5.1	59,633
16 to 19 years.....	12,596	6,366	50.5	5,441	43.2	925	14.5	6,230
20 to 24 years.....	15,360	12,073	78.6	11,096	72.2	977	8.1	3,287
25 to 54 years.....	99,438	83,599	84.1	80,018	80.5	3,581	4.3	15,839
55 to 64 years.....	22,540	14,148	62.8	13,630	60.5	518	3.7	8,392
65 years and over.....	29,849	3,965	13.3	3,828	12.8	137	3.5	25,884
Women, 16 years and over.....	92,422	54,842	59.3	52,164	56.4	2,678	4.9	37,581
16 to 19 years.....	6,157	3,125	50.8	2,716	44.1	409	13.1	3,032
20 to 24 years.....	7,611	5,628	74.0	5,214	68.5	415	7.4	1,982
25 to 54 years.....	49,860	37,902	76.0	36,321	72.8	1,582	4.2	11,958
55 to 64 years.....	11,622	6,482	55.8	6,269	53.9	213	3.3	5,139
65 years and over.....	17,173	1,704	9.9	1,644	9.6	60	3.5	15,469
Men, 16 years and over.....	87,361	65,308	74.8	61,849	70.8	3,459	5.3	22,053
16 to 19 years.....	6,439	3,241	50.3	2,725	42.3	516	15.9	3,198
20 to 24 years.....	7,750	6,444	83.2	5,882	75.9	562	8.7	1,305
25 to 54 years.....	49,578	45,696	92.2	43,697	88.1	1,999	4.4	3,882
55 to 64 years.....	10,918	7,665	70.2	7,360	67.4	305	4.0	3,253
65 years and over.....	12,676	2,261	17.8	2,184	17.2	77	3.4	10,415
<b>Black</b>								
Total, 16 years and over.....	25,578	16,565	64.8	14,872	58.1	1,693	10.2	9,013
16 to 19 years.....	2,416	870	36.0	611	25.3	260	29.8	1,546
20 to 24 years.....	2,779	1,908	68.6	1,543	55.5	365	19.1	871
25 to 54 years.....	14,988	12,027	80.2	11,055	73.8	972	8.1	2,961
55 to 64 years.....	2,571	1,407	54.7	1,332	51.8	76	5.4	1,164
65 years and over.....	2,823	353	12.5	332	11.8	21	5.9	2,470
Women, 16 years and over.....	14,187	8,772	61.8	7,914	55.8	858	9.8	5,415
16 to 19 years.....	1,221	424	34.7	304	24.9	120	28.3	797
20 to 24 years.....	1,498	1,002	66.9	819	54.6	183	18.3	496
25 to 54 years.....	8,286	6,431	77.6	5,923	71.5	508	7.9	1,855
55 to 64 years.....	1,434	743	51.8	708	49.4	35	4.7	691
65 years and over.....	1,747	171	9.8	160	9.1	12	6.9	1,576
Men, 16 years and over.....	11,391	7,794	68.4	6,959	61.1	835	10.7	3,597
16 to 19 years.....	1,195	446	37.3	306	25.6	140	31.3	749
20 to 24 years.....	1,281	906	70.7	725	56.6	181	20.0	375
25 to 54 years.....	6,702	5,596	83.5	5,132	76.6	464	8.3	1,106
55 to 64 years.....	1,137	664	58.4	624	54.9	40	6.1	473
65 years and over.....	1,075	181	16.9	172	16.0	9	5.0	894

Table 3. Employment status by race, age, sex, and Hispanic origin, 2002 annual averages—Continued

(Numbers in thousands)

Race, age, sex, and Hispanic origin	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Asian</b>								
Total, 16 years and over.....	9,833	6,604	67.2	6,215	63.2	389	5.9	3,229
16 to 19 years.....	766	255	33.3	214	27.9	41	16.2	511
20 to 24 years.....	971	623	64.1	559	57.6	63	10.2	349
25 to 54 years.....	6,187	4,975	80.4	4,729	76.4	247	5.0	1,211
55 to 64 years.....	980	622	63.5	589	60.1	33	5.3	358
65 years and over.....	930	129	13.9	124	13.4	5	3.7	800
Women, 16 years and over.....								
16 to 19 years.....	5,136	3,037	59.1	2,866	55.8	172	5.7	2,099
20 to 24 years.....	365	122	33.4	108	29.6	14	11.3	243
25 to 54 years.....	493	298	60.4	270	54.7	28	9.4	195
55 to 64 years.....	3,221	2,291	71.1	2,174	67.5	116	5.1	931
65 years and over.....	526	282	53.6	272	51.7	10	3.6	244
Men, 16 years and over.....								
16 to 19 years.....	4,697	3,567	75.9	3,349	71.3	217	6.1	1,130
20 to 24 years.....	401	133	33.2	106	26.4	27	20.6	268
25 to 54 years.....	478	325	67.9	289	60.5	35	10.9	153
55 to 64 years.....	2,965	2,685	90.5	2,554	86.1	130	4.9	281
65 years and over.....	454	340	74.9	317	69.8	23	6.8	114
<b>Hispanic origin</b>								
Total, 16 years and over.....	25,963	17,943	69.1	16,590	63.9	1,353	7.5	8,020
16 to 19 years.....	2,507	1,103	44.0	882	35.2	221	20.1	1,404
20 to 24 years.....	3,508	2,678	76.3	2,413	68.8	265	9.9	830
25 to 54 years.....	16,110	12,847	79.7	12,057	74.8	790	6.2	3,263
55 to 64 years.....	1,953	1,091	55.8	1,029	52.7	62	5.7	862
65 years and over.....	1,885	224	11.9	209	11.1	15	6.8	1,661
Women, 16 years and over.....								
16 to 19 years.....	12,742	7,334	57.6	6,744	52.9	590	8.0	5,408
20 to 24 years.....	1,214	471	38.8	378	31.1	94	19.9	742
25 to 54 years.....	1,617	1,051	65.0	937	58.0	113	10.8	567
55 to 64 years.....	7,792	5,237	67.2	4,886	62.7	352	6.7	2,555
65 years and over.....	1,051	484	46.1	460	43.7	24	5.0	567
Men, 16 years and over.....								
16 to 19 years.....	1,068	90	8.5	84	7.8	7	7.5	977
20 to 24 years.....	13,221	10,609	80.2	9,845	74.5	764	7.2	2,613
25 to 54 years.....	1,293	632	48.8	504	39.0	127	20.2	662
55 to 64 years.....	1,890	1,627	86.1	1,476	78.1	151	9.3	263
65 years and over.....	8,318	7,610	91.5	7,171	86.2	439	5.8	709
	902	607	67.3	569	63.1	38	6.2	295
	817	134	16.3	125	15.3	8	6.3	684

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 4. **Employment status by marital status and sex, 2002 annual averages**

(Numbers in thousands)

Marital status and sex	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Total</b>								
Total, 16 years and over.....	217,570	144,863	66.6	136,485	62.7	8,378	5.8	72,707
Married, spouse present.....	117,267	81,242	69.3	78,269	66.7	2,973	3.7	36,025
Unmarried, total.....	100,303	63,621	63.4	58,216	58.0	5,405	8.5	36,682
Never married.....	58,071	40,492	69.7	36,566	63.0	3,926	9.7	17,579
Other marital status.....	42,232	23,129	54.8	21,650	51.3	1,479	6.4	19,103
Divorced.....	20,678	15,225	73.6	14,321	69.3	903	5.9	5,454
Separated.....	7,452	5,257	70.5	4,824	64.7	433	8.2	2,195
Widowed.....	14,101	2,647	18.8	2,505	17.8	142	5.4	11,454
<b>Women</b>								
Total, 16 years and over.....	112,985	67,364	59.6	63,582	56.3	3,781	5.6	45,621
Married, spouse present.....	58,165	35,477	61.0	34,153	58.7	1,323	3.7	22,688
Unmarried, total.....	54,820	31,887	58.2	29,429	53.7	2,458	7.7	22,933
Never married.....	26,999	18,203	67.4	16,583	61.4	1,621	8.9	8,796
Other marital status.....	27,821	13,683	49.2	12,846	46.2	837	6.1	14,137
Divorced.....	12,158	8,827	72.6	8,343	68.6	484	5.5	3,331
Separated.....	4,228	2,788	66.0	2,539	60.1	249	8.9	1,439
Widowed.....	11,435	2,068	18.1	1,964	17.2	104	5.0	9,367
<b>Men</b>								
Total, 16 years and over.....	104,585	77,500	74.1	72,903	69.7	4,597	5.9	27,086
Married, spouse present.....	59,102	45,766	77.4	44,116	74.6	1,650	3.6	13,337
Unmarried, total.....	45,483	31,734	69.8	28,787	63.3	2,947	9.3	13,749
Never married.....	31,072	22,289	71.7	19,983	64.3	2,306	10.3	8,783
Other marital status.....	14,411	9,445	65.5	8,804	61.1	641	6.8	4,966
Divorced.....	8,520	6,398	75.1	5,978	70.2	419	6.6	2,123
Separated.....	3,224	2,469	76.6	2,285	70.9	184	7.5	756
Widowed.....	2,666	579	21.7	541	20.3	38	6.6	2,087

Table 5. Employment status by sex, presence and age of children, race, and Hispanic origin, 2002

(Numbers in thousands)

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Total</b>								
Women, 16 years and over.....	112,626	67,419	59.9	63,649	56.5	3,770	5.6	45,207
With children under 18 years old.....	36,187	26,140	72.2	24,612	68.0	1,529	5.8	10,046
With children 6 to 17, none younger.....	20,287	15,948	78.6	15,171	74.8	777	4.9	4,339
With children under 6 years old.....	15,900	10,193	64.1	9,441	59.4	752	7.4	5,707
Under 3 years old.....	9,258	5,600	60.5	5,160	55.7	440	7.9	3,657
With no children under 18 years old.....	76,439	41,278	54.0	39,038	51.1	2,241	5.4	35,161
Men, 16 years and over.....	104,162	76,682	73.6	71,505	68.6	5,177	6.8	27,480
With children under 18 years old.....	28,042	26,483	94.4	25,301	90.2	1,182	4.5	1,559
With children 6 to 17, none younger.....	15,551	14,540	93.5	13,966	89.8	574	3.9	1,011
With children under 6 years old.....	12,491	11,943	95.6	11,335	90.7	608	5.1	548
Under 3 years old.....	7,449	7,146	95.9	6,766	90.8	380	5.3	303
With no children under 18 years old.....	76,120	50,199	65.9	46,204	60.7	3,995	8.0	25,922
<b>White</b>								
Women, 16 years and over.....	92,188	54,909	59.6	52,255	56.7	2,654	4.8	37,279
With children under 18 years old.....	28,702	20,586	71.7	19,584	68.2	1,001	4.9	8,116
With children 6 to 17, none younger.....	16,116	12,657	78.5	12,144	75.4	513	4.1	3,459
With children under 6 years old.....	12,586	7,929	63.0	7,441	59.1	488	6.2	4,657
Under 3 years old.....	7,375	4,405	59.7	4,136	56.1	269	6.1	2,970
With no children under 18 years old.....	63,487	34,323	54.1	32,670	51.5	1,653	4.8	29,163
Men, 16 years and over.....	87,105	64,686	74.3	60,741	69.7	3,945	6.1	22,419
With children under 18 years old.....	23,769	22,590	95.0	21,696	91.3	894	4.0	1,179
With children 6 to 17, none younger.....	13,182	12,425	94.3	12,003	91.1	421	3.4	758
With children under 6 years old.....	10,586	10,165	96.0	9,693	91.6	473	4.7	421
Under 3 years old.....	6,330	6,081	96.1	5,788	91.4	293	4.8	249
With no children under 18 years old.....	63,336	42,096	66.5	39,045	61.6	3,051	7.2	21,240

See note at end of table.

Table 5. Employment status by sex, presence and age of children, race, and Hispanic origin, 2002

—Continued

(Numbers in thousands)

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Black</b>								
Women, 16 years and over.....	14,119	8,801	62.3	7,931	56.2	870	9.9	5,318
With children under 18 years old.....	5,160	4,027	78.0	3,609	69.9	418	10.4	1,133
With children 6 to 17, none younger.....	2,925	2,382	81.4	2,172	74.2	210	8.8	543
With children under 6 years old.....	2,235	1,645	73.6	1,438	64.3	208	12.6	590
Under 3 years old.....	1,255	861	68.6	726	57.8	135	15.7	395
With no children under 18 years old.....	8,959	4,774	53.3	4,322	48.2	452	9.5	4,185
Men, 16 years and over.....	11,325	7,710	68.1	6,794	60.0	916	11.9	3,616
With children under 18 years old.....	2,578	2,351	91.2	2,151	83.4	200	8.5	227
With children 6 to 17, none younger.....	1,476	1,314	89.0	1,208	81.8	106	8.1	162
With children under 6 years old.....	1,102	1,037	94.1	944	85.6	94	9.0	65
Under 3 years old.....	650	623	95.9	563	86.7	60	9.6	26
With no children under 18 years old.....	8,747	5,359	61.3	4,643	53.1	716	13.4	3,388
<b>Hispanic origin</b>								
Women, 16 years and over.....	12,591	7,275	57.8	6,703	53.2	572	7.9	5,316
With children under 18 years old.....	5,738	3,594	62.6	3,272	57.0	322	9.0	2,144
With children 6 to 17, none younger.....	2,677	1,890	70.6	1,737	64.9	153	8.1	787
With children under 6 years old.....	3,061	1,704	55.7	1,535	50.2	169	9.9	1,357
Under 3 years old.....	1,821	925	50.8	836	45.9	89	9.6	896
With no children under 18 years old.....	6,853	3,681	53.7	3,430	50.1	250	6.8	3,172
Men, 16 years and over.....	13,051	10,313	79.0	9,457	72.5	856	8.3	2,738
With children under 18 years old.....	4,307	3,986	92.6	3,753	87.1	233	5.8	321
With children 6 to 17, none younger.....	1,923	1,737	90.3	1,664	86.6	73	4.2	186
With children under 6 years old.....	2,384	2,249	94.3	2,089	87.6	160	7.1	135
Under 3 years old.....	1,464	1,380	94.3	1,279	87.4	102	7.4	83
With no children under 18 years old.....	8,744	6,327	72.4	5,704	65.2	623	9.8	2,417

NOTE: Children are "own children" and include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and

Hispanics are included in both the white and black population groups.

SOURCE: Annual Social and Economic Supplement 2002, Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 6. Employment status of women by presence and age of youngest child, marital status, race, and Hispanic origin, 2002

(Numbers in thousands)

Presence and age of children	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Total, all marital statuses</b>								
Total, 16 years and over.....	112,626	67,419	59.9	63,649	56.5	3,770	5.6	45,207
With children under 18 years old.....	36,187	26,140	72.2	24,612	68.0	1,529	5.8	10,046
With children 6 to 17 years old, none younger.....	20,287	15,948	78.6	15,171	74.8	777	4.9	4,339
With children under 6 years old.....	15,900	10,193	64.1	9,441	59.4	752	7.4	5,707
With children under 3 years old.....	9,258	5,600	60.5	5,160	55.7	440	7.9	3,657
With no children under 18 years old.....	76,439	41,278	54.0	39,038	51.1	2,241	5.4	35,161
<b>Total, married, spouse present</b>								
Total, 16 years and over.....	57,883	35,624	61.5	34,295	59.2	1,329	3.7	22,259
With children under 18 years old.....	26,245	18,271	69.6	17,515	66.7	756	4.1	7,974
With children 6 to 17 years old, none younger.....	14,456	11,105	76.8	10,711	74.1	394	3.5	3,351
With children under 6 years old.....	11,789	7,166	60.8	6,804	57.7	363	5.1	4,623
With children under 3 years old.....	7,042	4,081	58.0	3,871	55.0	210	5.1	2,961
With no children under 18 years old.....	31,638	17,353	54.8	16,780	53.0	573	3.3	14,285
<b>Total, other marital statuses<sup>1</sup></b>								
Total, 16 years and over.....	54,743	31,795	58.1	29,354	53.6	2,441	7.7	22,948
With children under 18 years old.....	9,942	7,869	79.2	7,097	71.4	772	9.8	2,073
With children 6 to 17 years old, none younger.....	5,831	4,843	83.0	4,459	76.5	384	7.9	989
With children under 6 years old.....	4,110	3,026	73.6	2,637	64.2	389	12.9	1,084
With children under 3 years old.....	2,215	1,519	68.6	1,289	58.2	230	15.2	696
With no children under 18 years old.....	44,802	23,926	53.4	22,258	49.7	1,668	7.0	20,876
<b>White, all marital statuses</b>								
Total, 16 years and over.....	92,188	54,909	59.6	52,255	56.7	2,654	4.8	37,279
With children under 18 years old.....	28,702	20,586	71.7	19,584	68.2	1,001	4.9	8,116
With children 6 to 17 years old, none younger.....	16,116	12,657	78.5	12,144	75.4	513	4.1	3,459
With children under 6 years old.....	12,586	7,929	63.0	7,441	59.1	488	6.2	4,657
With children under 3 years old.....	7,375	4,405	59.7	4,136	56.1	269	6.1	2,970
With no children under 18 years old.....	63,487	34,323	54.1	32,670	51.5	1,653	4.8	29,163
<b>White, married, spouse present</b>								
Total, 16 years and over.....	50,270	30,681	61.0	29,618	58.9	1,062	3.5	19,589
With children under 18 years old.....	22,293	15,422	69.2	14,838	66.6	584	3.8	6,871
With children 6 to 17 years old, none younger.....	12,278	9,410	76.6	9,122	74.3	288	3.1	2,867
With children under 6 years old.....	10,015	6,012	60.0	5,716	57.1	296	4.9	4,003
With children under 3 years old.....	5,998	3,441	57.4	3,282	54.7	159	4.6	2,556
With no children under 18 years old.....	27,977	15,259	54.5	14,781	52.8	478	3.1	12,718
<b>White, other marital statuses<sup>1</sup></b>								
Total, 16 years and over.....	41,918	24,228	57.8	22,636	54.0	1,592	6.6	17,690
With children under 18 years old.....	6,408	5,164	80.6	4,746	74.1	417	8.1	1,245
With children 6 to 17 years old, none younger.....	3,838	3,246	84.6	3,021	78.7	225	6.9	592
With children under 6 years old.....	2,571	1,917	74.6	1,725	67.1	192	10.0	653
With children under 3 years old.....	1,377	963	70.0	854	62.0	110	11.4	414
With no children under 18 years old.....	35,510	19,065	53.7	17,890	50.4	1,175	6.2	16,445

See footnotes at end of table.

Table 6. Employment status of women by presence and age of youngest child, marital status, race, and Hispanic origin, 2002—Continued

(Numbers in thousands)

Presence and age of children	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Black, all marital statuses</b>								
Total, 16 years and over.....	14,119	8,801	62.3	7,931	56.2	870	9.9	5,318
With children under 18 years old.....	5,160	4,027	78.0	3,609	69.9	418	10.4	1,133
With children 6 to 17 years old, none younger.....	2,925	2,382	81.4	2,172	74.2	210	8.8	543
With children under 6 years old.....	2,235	1,645	73.6	1,438	64.3	208	12.6	590
With children under 3 years old.....	1,255	861	68.6	726	57.8	135	15.7	395
With no children under 18 years old.....	8,959	4,774	53.3	4,322	48.2	452	9.5	4,185
<b>Black, married, spouse present</b>								
Total, 16 years and over.....	4,210	2,881	68.4	2,715	64.5	167	5.8	1,328
With children under 18 years old.....	2,106	1,669	79.2	1,561	74.1	108	6.5	437
With children 6 to 17 years old, none younger.....	1,201	987	82.2	917	76.4	70	7.1	214
With children under 6 years old.....	905	682	75.3	644	71.1	38	5.6	223
With children under 3 years old.....	532	374	70.3	343	64.4	31	8.4	158
With no children under 18 years old.....	2,103	1,212	57.6	1,154	54.9	58	4.8	891
<b>Black, other marital statuses<sup>1</sup></b>								
Total, 16 years and over.....	9,909	5,920	59.7	5,216	52.6	704	11.9	3,989
With children under 18 years old.....	3,054	2,358	77.2	2,049	67.1	309	13.1	696
With children 6 to 17 years old, none younger.....	1,724	1,395	80.9	1,255	72.8	140	10.1	329
With children under 6 years old.....	1,330	963	72.4	794	59.7	169	17.6	366
With children under 3 years old.....	723	486	67.3	383	53.0	103	21.3	237
With no children under 18 years old.....	6,855	3,562	52.0	3,168	46.2	394	11.1	3,294
<b>Hispanic origin, all marital statuses</b>								
Total, 16 years and over.....	12,591	7,275	57.8	6,703	53.2	572	7.9	5,316
With children under 18 years old.....	5,738	3,594	62.6	3,272	57.0	322	9.0	2,144
With children 6 to 17 years old, none younger.....	2,677	1,890	70.6	1,737	64.9	153	8.1	787
With children under 6 years old.....	3,061	1,704	55.7	1,535	50.2	169	9.9	1,357
With children under 3 years old.....	1,821	925	50.8	836	45.9	89	9.6	896
With no children under 18 years old.....	6,853	3,681	53.7	3,430	50.1	250	6.8	3,172
<b>Hispanic origin, married, spouse present</b>								
Total, 16 years and over.....	6,310	3,543	56.1	3,307	52.4	235	6.6	2,767
With children under 18 years old.....	4,037	2,354	58.3	2,169	53.7	185	7.9	1,684
With children 6 to 17 years old, none younger.....	1,819	1,214	66.8	1,133	62.3	81	6.7	605
With children under 6 years old.....	2,219	1,139	51.4	1,035	46.7	104	9.1	1,079
With children under 3 years old.....	1,333	614	46.1	566	42.5	48	7.9	718
With no children under 18 years old.....	2,273	1,189	52.3	1,139	50.1	50	4.2	1,084
<b>Hispanic origin, other marital statuses<sup>1</sup></b>								
Total, 16 years and over.....	6,281	3,732	59.4	3,395	54.1	337	9.0	2,549
With children under 18 years old.....	1,701	1,241	73.0	1,103	64.9	137	11.1	460
With children 6 to 17 years old, none younger.....	858	676	78.8	604	70.3	72	10.7	182
With children under 6 years old.....	843	565	67.0	500	59.3	65	11.5	278
With children under 3 years old.....	488	311	63.7	270	55.3	41	13.1	177
With no children under 18 years old.....	4,581	2,492	54.4	2,292	50.0	200	8.0	2,089

<sup>1</sup> Includes never-married, divorced, separated, and widowed persons.

NOTE: Children are "own children" and include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children. Detail for the above race and Hispanic-origin groups will not sum to totals,

because data for the "other races" group are not presented, and Hispanics are included in both the white and black population groups.

SOURCE: Annual Social and Economic Supplement 2002, Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 7. **Employment status of women by presence and age of youngest child, 1975-2002**

(Numbers in thousands)

Year	With own children under age 18					With own children ages 6 to 17				
	Civilian labor force		Employed	Unemployed		Civilian labor force		Employed	Unemployed	
	Total	Percent of population		Total	Percent of labor force	Total	Percent of population		Total	Percent of labor force
1975.....	14,616	47.4	13,069	1,548	11.0	8,917	54.9	8,218	700	7.9
1976.....	15,073	48.8	13,725	1,346	8.9	9,388	56.2	8,769	621	6.6
1977.....	15,669	50.8	14,276	1,393	8.9	10,040	58.3	9,389	650	6.5
1978.....	16,385	53.0	15,142	1,242	7.6	10,401	60.0	9,845	556	5.3
1979.....	16,883	54.5	15,624	1,259	7.7	10,646	61.6	10,030	615	5.8
1980.....	17,790	56.6	16,526	1,264	7.1	11,252	64.3	10,640	612	5.4
1981.....	18,422	58.1	16,952	1,471	8.0	11,490	65.5	10,725	765	6.7
1982.....	18,744	58.5	16,854	1,890	10.1	11,377	65.8	10,440	936	8.2
1983.....	18,924	58.9	16,792	2,131	11.3	11,340	66.3	10,303	1,037	9.1
1984.....	19,555	60.5	17,782	1,773	9.1	11,538	68.1	10,739	799	6.9
1985.....	20,041	62.1	18,306	1,735	8.7	11,826	69.9	10,984	842	7.1
1986.....	20,620	62.8	18,922	1,698	8.2	12,075	70.4	11,320	756	6.3
1987.....	21,422	64.7	19,798	1,624	7.6	12,438	72.0	11,661	778	6.3
1988.....	21,545	65.1	20,141	1,404	6.5	12,683	73.3	12,042	641	5.1
1989.....	21,936	65.7	20,647	1,289	5.9	12,800	74.2	12,168	632	4.9
1990.....	22,196	66.7	20,865	1,331	6.0	12,799	74.7	12,133	666	5.2
1991.....	22,327	66.6	20,774	1,552	7.0	12,691	74.4	12,017	674	5.3
1992.....	22,756	67.2	21,052	1,704	7.5	13,183	75.9	12,391	793	6.0
1993.....	23,063	66.9	21,521	1,541	6.7	13,441	75.4	12,757	684	5.1
1994.....	24,191	68.4	22,467	1,724	7.1	13,863	76.0	13,074	789	5.7
1995.....	24,695	69.7	23,195	1,500	6.1	14,300	76.4	13,608	691	4.8
1996.....	24,720	70.2	23,386	1,334	5.4	14,427	77.2	13,794	633	4.4
1997.....	25,604	72.1	24,082	1,522	5.9	14,993	78.1	14,282	711	4.7
1998.....	25,647	72.3	24,209	1,438	5.6	15,028	78.4	14,370	658	4.4
1999.....	25,472	72.1	24,307	1,165	4.6	15,150	78.5	14,633	516	3.4
2000.....	25,795	72.9	24,693	1,102	4.3	15,479	79.0	14,931	549	3.5
2001.....	26,269	72.7	25,030	1,239	4.7	15,839	79.4	15,220	619	3.9
2002.....	26,140	72.2	24,612	1,529	5.8	15,948	78.6	15,171	777	4.9

See note at end of table.

Table 7. **Employment status of women by presence and age of youngest child, 1975-2002—Continued**

(Numbers in thousands)

Year	With own children under age 6					With own children under age 3				
	Civilian labor force		Employed	Unemployed		Civilian labor force		Employed	Unemployed	
	Total	Percent of population		Total	Percent of labor force	Total	Percent of population		Total	Percent of labor force
1975.....	5,699	39.0	4,851	848	14.9	2,824	34.3	2,326	500	17.7
1976.....	5,684	40.1	4,957	727	12.8	2,702	34.1	2,285	418	15.5
1977.....	5,629	41.2	4,887	742	13.2	2,795	35.4	2,371	424	15.2
1978.....	5,983	44.0	5,297	687	11.5	3,179	39.4	2,768	411	12.9
1979.....	6,238	45.7	5,594	644	10.3	3,380	41.1	2,979	401	11.9
1980.....	6,538	46.8	5,886	652	10.0	3,565	41.9	3,167	398	11.2
1981.....	6,933	48.9	6,227	706	10.2	3,826	44.3	3,380	446	11.7
1982.....	7,367	49.9	6,414	953	12.9	4,133	45.6	3,542	591	14.3
1983.....	7,583	50.5	6,489	1,094	14.4	4,233	46.0	3,551	682	16.1
1984.....	8,017	52.1	7,043	974	12.1	4,401	47.6	3,839	562	12.8
1985.....	8,215	53.5	7,322	893	10.9	4,601	49.5	4,089	513	11.1
1986.....	8,545	54.4	7,602	943	11.0	4,786	50.8	4,227	559	11.7
1987.....	8,983	56.7	8,137	846	9.4	5,064	52.9	4,570	494	9.8
1988.....	8,862	56.1	8,099	763	8.6	4,947	52.4	4,477	470	9.5
1989.....	9,136	56.7	8,478	657	7.2	5,053	52.4	4,671	381	7.5
1990.....	9,397	58.2	8,732	664	7.1	5,216	53.6	4,823	393	7.5
1991.....	9,636	58.4	8,758	878	9.1	5,417	54.5	4,868	550	10.1
1992.....	9,573	58.0	8,662	911	9.5	5,329	54.5	4,776	553	10.4
1993.....	9,621	57.9	8,764	857	8.9	5,349	53.9	4,857	492	9.2
1994.....	10,328	60.3	9,394	935	9.0	5,724	57.1	5,165	559	9.8
1995.....	10,395	62.3	9,587	809	7.8	5,650	58.7	5,172	478	8.5
1996.....	10,293	62.3	9,592	701	6.8	5,619	59.0	5,222	397	7.1
1997.....	10,610	65.0	9,800	810	7.6	5,839	61.8	5,366	473	8.1
1998.....	10,619	65.2	9,839	780	7.3	5,882	62.2	5,454	428	7.3
1999.....	10,322	64.4	9,674	648	6.3	5,645	60.7	5,285	359	6.4
2000.....	10,316	65.3	9,763	553	5.4	5,670	61.0	5,350	320	5.6
2001.....	10,430	64.4	9,810	620	5.9	5,743	60.7	5,350	393	6.8
2002.....	10,193	64.1	9,441	752	7.4	5,600	60.5	5,160	440	7.9

See note at end of table.

**Table 7. Employment status of women by presence and age of youngest child, 1975-2002—Continued**

(Numbers in thousands)

Year	With no own children under age 18				
	Civilian labor force		Employed	Unemployed	
	Total	Percent of population		Total	Percent of labor force
1975.....	22,365	45.1	20,381	1,984	8.9
1976.....	23,327	45.7	21,389	1,938	8.3
1977.....	24,385	46.4	22,348	2,037	8.4
1978.....	25,362	47.0	23,631	1,731	6.8
1979.....	26,962	48.6	25,285	1,677	6.2
1980.....	27,144	48.1	25,375	1,769	6.5
1981.....	27,992	48.7	25,934	2,059	7.4
1982.....	28,351	48.6	26,041	2,311	8.2
1983.....	28,856	48.7	26,373	2,483	8.6
1984.....	29,684	49.3	27,652	2,032	6.8
1985.....	30,850	50.4	28,814	2,036	6.6
1986.....	31,112	50.5	29,107	2,005	6.4
1987.....	31,538	50.5	29,688	1,850	5.9
1988.....	32,490	51.2	30,911	1,580	4.9
1989.....	33,255	51.9	31,761	1,495	4.5
1990.....	33,942	52.3	32,391	1,551	4.6
1991.....	34,047	52.0	32,167	1,880	5.5
1992.....	34,487	52.3	32,481	2,006	5.8
1993.....	34,495	52.1	32,476	2,020	5.9
1994.....	35,455	53.1	33,345	2,110	6.0
1995.....	35,843	52.9	34,054	1,789	5.0
1996.....	36,509	53.0	34,698	1,811	5.0
1997.....	37,295	53.6	35,572	1,723	4.6
1998.....	38,253	54.1	36,680	1,573	4.1
1999.....	39,314	54.3	37,587	1,727	4.4
2000.....	40,142	54.8	38,408	1,733	4.3
2001.....	40,996	54.4	39,363	1,633	4.0
2002.....	41,278	54.0	39,038	2,241	5.4

NOTE: "Own children" include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children. Data for 1994 and subsequent years are not directly comparable with data for 1993 and earlier years because of the introduction of a major redesign of the Current Population Survey.

SOURCE: Annual Social and Economic Supplements 1975-2002, Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 8. **Employment status of the civilian noninstitutional population 25 to 64 years of age by educational attainment and sex, 2002 annual averages**

(Numbers in thousands)

Educational attainment and sex	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Total</b>								
Total, 25 to 64 years.....	148,420	118,028	79.5	112,497	75.8	5,532	4.7	30,392
Less than a high school diploma.....	18,620	11,805	63.4	10,778	57.9	1,027	8.7	6,815
High school graduates, no college.....	46,749	36,271	77.6	34,341	73.5	1,930	5.3	10,477
Some college or associate degree.....	39,827	32,668	82.0	31,184	78.3	1,484	4.5	7,159
College graduates, total.....	43,224	37,284	86.3	36,194	83.7	1,090	2.9	5,941
Bachelor's degree.....	28,870	24,700	85.6	23,925	82.9	776	3.1	4,170
Master's degree.....	10,154	8,808	86.7	8,555	84.2	253	2.9	1,347
Professional degree.....	2,379	2,130	89.5	2,096	88.1	34	1.6	249
Doctoral degree.....	1,820	1,646	90.4	1,619	88.9	27	1.7	174
<b>Women</b>								
Total, 25 to 64 years.....	75,840	54,710	72.1	52,196	68.8	2,514	4.6	21,130
Less than a high school diploma.....	8,923	4,445	49.8	4,008	44.9	436	9.8	4,479
High school graduates, no college.....	23,977	16,757	69.9	15,887	66.3	870	5.2	7,219
Some college or associate degree.....	21,450	16,360	76.3	15,628	72.9	733	4.5	5,090
College graduates, total.....	21,490	17,148	79.8	16,672	77.6	475	2.8	4,342
Bachelor's degree.....	14,774	11,619	78.6	11,279	76.3	340	2.9	3,155
Master's degree.....	5,251	4,310	82.1	4,202	80.0	108	2.5	941
Professional degree.....	872	720	82.6	704	80.8	16	2.2	152
Doctoral degree.....	593	498	84.1	486	82.0	12	2.4	94
<b>Men</b>								
Total, 25 to 64 years.....	72,580	63,318	87.2	60,301	83.1	3,017	4.8	9,262
Less than a high school diploma.....	9,697	7,361	75.9	6,769	69.8	591	8.0	2,336
High school graduates, no college.....	22,772	19,514	85.7	18,454	81.0	1,060	5.4	3,258
Some college or associate degree.....	18,377	16,308	88.7	15,556	84.7	751	4.6	2,069
College graduates, total.....	21,734	20,136	92.6	19,522	89.8	615	3.1	1,598
Bachelor's degree.....	14,097	13,081	92.8	12,645	89.7	436	3.3	1,016
Master's degree.....	4,903	4,497	91.7	4,352	88.8	145	3.2	405
Professional degree.....	1,507	1,410	93.6	1,392	92.4	18	1.3	97
Doctoral degree.....	1,228	1,148	93.5	1,132	92.2	15	1.3	80

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 9. Percent distribution of the civilian labor force 25 to 64 years of age by educational attainment and sex, March 1970-2002

Year	Civilian labor force (thousands)	Percent distribution				
		Civilian labor force	High school		College	
			Less than 4 years	4 years, no college	1 to 3 years	4 years or more
Total						
1970.....	61,765	100.0	36.1	38.1	11.8	14.1
1971.....	62,344	100.0	34.5	38.4	12.3	14.8
1972.....	63,704	100.0	33.3	38.8	12.4	15.5
1973.....	64,775	100.0	30.9	39.7	13.0	16.4
1974.....	66,527	100.0	29.3	39.5	13.7	17.5
1975.....	67,774	100.0	27.5	39.7	14.4	18.3
1976.....	69,243	100.0	25.8	39.6	15.2	19.4
1977.....	71,324	100.0	24.9	39.2	15.7	20.2
1978.....	73,504	100.0	23.7	39.2	16.5	20.6
1979.....	75,781	100.0	21.8	39.5	17.3	21.3
1980.....	78,010	100.0	20.6	39.8	17.6	22.0
1981.....	80,273	100.0	19.7	40.6	17.7	22.0
1982.....	81,516	100.0	18.8	40.8	17.3	23.1
1983.....	83,615	100.0	17.8	39.9	18.1	24.2
1984.....	86,001	100.0	16.7	40.2	18.4	24.7
1985.....	88,424	100.0	15.9	40.2	19.0	24.9
1986.....	90,500	100.0	15.5	40.2	19.5	24.8
1987.....	92,966	100.0	14.9	40.2	19.7	25.3
1988.....	94,870	100.0	14.7	39.9	19.7	25.7
1989.....	97,318	100.0	14.0	39.6	20.0	26.4
1990.....	99,175	100.0	13.4	39.5	20.7	26.4
1991.....	100,480	100.0	13.0	39.4	21.1	26.5

Year	Civilian labor force (thousands)	Percent distribution				
		Civilian labor force	Less than a high school diploma	High school graduates, no college	Some college, no degree, and associate degree	College graduates
Total						
1992.....	102,387	100.0	12.2	36.2	25.2	26.4
1993.....	103,504	100.0	11.5	35.2	26.3	27.0
1994.....	104,868	100.0	11.0	34.0	27.6	27.3
1995.....	106,519	100.0	10.8	33.1	27.8	28.3
1996.....	108,037	100.0	10.9	32.9	27.7	28.5
1997.....	110,514	100.0	10.9	33.0	27.4	28.6
1998.....	111,857	100.0	10.7	32.8	27.4	29.1
1999.....	112,542	100.0	10.3	32.3	27.4	30.0
2000.....	114,052	100.0	9.8	31.8	27.9	30.4
2001.....	115,073	100.0	9.8	31.4	28.1	30.7
2002.....	117,738	100.0	10.1	30.6	27.7	31.6

See note at end of table.

Table 9. Percent distribution of the civilian labor force 25 to 64 years of age by educational attainment and sex, March 1970-2002—Continued

Year	Civilian labor force (thousands)	Percent distribution				
		Civilian labor force	High school		College	
			Less than 4 years	4 years, no college	1 to 3 years	4 years or more
Women						
1970.....	22,462	100.0	33.5	44.3	10.9	11.2
1971.....	22,804	100.0	32.2	44.2	11.9	11.8
1972.....	23,606	100.0	30.7	45.1	11.8	12.4
1973.....	24,158	100.0	28.4	45.9	12.4	13.3
1974.....	25,203	100.0	26.7	45.3	13.4	14.6
1975.....	26,146	100.0	26.5	45.5	13.9	14.1
1976.....	27,166	100.0	24.0	45.1	14.7	16.2
1977.....	28,369	100.0	22.8	45.1	15.2	16.9
1978.....	29,738	100.0	22.0	44.9	16.1	17.0
1979.....	31,151	100.0	20.1	45.0	17.1	17.8
1980.....	32,593	100.0	18.4	45.4	17.4	18.7
1981.....	33,910	100.0	17.4	46.1	17.9	18.6
1982.....	34,870	100.0	16.6	45.6	18.3	19.5
1983.....	35,712	100.0	15.6	44.8	18.8	20.9
1984.....	37,234	100.0	14.5	44.9	18.9	21.7
1985.....	38,779	100.0	13.7	44.4	19.9	22.0
1986.....	39,767	100.0	13.2	44.3	20.3	22.2
1987.....	41,105	100.0	12.5	44.0	20.7	22.8
1988.....	42,254	100.0	12.4	43.3	21.2	23.1
1989.....	43,650	100.0	11.9	42.9	20.9	24.3
1990.....	44,699	100.0	11.3	42.4	21.9	24.5
1991.....	45,315	100.0	10.9	41.6	22.2	25.2
Women						
Year	Civilian labor force (thousands)	Percent distribution				
		Civilian labor force	Less than a high school diploma	High school graduates, no college	Some college, no degree, and associate degree	College graduates
Women						
1992.....	46,469	100.0	10.2	37.9	26.9	25.0
1993.....	46,961	100.0	9.3	36.7	28.2	25.8
1994.....	48,235	100.0	9.1	35.3	29.8	25.8
1995.....	49,065	100.0	9.1	34.1	30.2	26.6
1996.....	49,916	100.0	8.8	33.7	29.7	27.8
1997.....	51,246	100.0	8.7	34.0	29.3	28.0
1998.....	51,953	100.0	8.8	33.3	29.3	28.6
1999.....	52,512	100.0	8.7	32.7	29.2	29.5
2000.....	53,541	100.0	8.4	31.8	30.0	29.8
2001.....	53,982	100.0	8.5	31.1	30.1	30.2
2002.....	54,944	100.0	8.2	30.6	29.7	31.5

See note at end of table.

Table 9. Percent distribution of the civilian labor force 25 to 64 years of age by educational attainment and sex, March 1970-2002—Continued

Year	Civilian labor force (thousands)	Percent distribution				
		Civilian labor force	High school		College	
			Less than 4 years	4 years, no college	1 to 3 years	4 years or more
Men						
1970.....	39,303	100.0	37.5	34.5	12.2	15.7
1971.....	39,539	100.0	35.9	35.1	12.5	16.5
1972.....	40,098	100.0	34.8	35.1	12.8	17.3
1973.....	40,617	100.0	32.4	36.0	13.4	18.2
1974.....	41,344	100.0	30.8	36.0	13.9	19.3
1975.....	41,628	100.0	28.9	36.1	14.8	20.2
1976.....	42,077	100.0	27.0	36.0	15.5	21.5
1977.....	42,954	100.0	26.3	35.3	16.1	22.3
1978.....	43,766	100.0	24.8	35.3	16.9	23.0
1979.....	44,630	100.0	23.0	35.7	17.5	23.8
1980.....	45,417	100.0	22.2	35.7	17.7	24.3
1981.....	46,363	100.0	21.5	36.5	17.4	24.6
1982.....	47,144	100.0	20.3	36.8	17.5	25.5
1983.....	47,903	100.0	19.4	36.3	17.7	26.6
1984.....	48,767	100.0	18.4	36.7	18.0	26.9
1985.....	49,647	100.0	17.7	36.9	18.3	27.1
1986.....	50,733	100.0	17.2	37.0	18.9	26.9
1987.....	51,860	100.0	16.8	37.1	18.9	27.2
1988.....	52,616	100.0	16.5	37.3	18.5	27.8
1989.....	53,668	100.0	15.7	36.9	19.2	28.2
1990.....	54,476	100.0	15.1	37.2	19.7	28.0
1991.....	55,165	100.0	14.7	37.5	20.2	27.6
Men						
Year	Civilian labor force (thousands)	Civilian labor force	Percent distribution			
			Less than a high school diploma	High school graduates, no college	Some college, no degree, and associate degree	College graduate
Men						
1992.....	55,917	100.0	13.9	34.7	23.8	27.5
1993.....	56,544	100.0	13.2	33.9	24.7	28.1
1994.....	56,633	100.0	12.7	32.9	25.8	28.6
1995.....	57,454	100.0	12.2	32.3	25.7	29.7
1996.....	58,121	100.0	12.7	32.2	26.0	29.1
1997.....	59,268	100.0	12.8	32.2	25.8	29.2
1998.....	59,905	100.0	12.3	32.3	25.8	29.6
1999.....	60,030	100.0	11.7	32.0	25.8	30.5
2000.....	60,510	100.0	11.1	31.8	26.1	30.9
2001.....	61,091	100.0	11.0	31.6	26.3	31.1
2002.....	62,794	100.0	11.8	30.6	25.9	31.7

NOTE: Since 1992, data on educational attainment have been based on the "highest diploma or degree received" rather than the "number of years of school completed."

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 10. **Employed persons by major occupation and sex, 1983 and 2002 annual averages**

(Numbers in thousands)

Occupation and sex	Year			
	1983		2002	
	Number	Percent	Number	Percent
<b>Total</b>				
<b>Total, 16 years and over.....</b>	100,834	100.0	136,485	100.0
Managerial and professional specialty.....	23,592	23.4	42,482	31.1
Executive, administrative, and managerial.....	10,772	10.7	20,561	15.1
Professional specialty.....	12,820	12.7	21,921	16.1
Technical, sales, and administrative support.....	31,265	31.0	38,947	28.5
Technicians and related support.....	3,053	3.0	4,509	3.3
Sales occupations.....	11,818	11.7	16,254	11.9
Administrative support, including clerical.....	16,395	16.3	18,184	13.3
Service occupations.....	13,857	13.7	19,219	14.1
Private household.....	980	1.0	746	0.5
Protective service.....	1,672	1.7	2,596	1.9
Service, except private household and protective.....	11,205	11.1	15,877	11.6
Precision production, craft, and repair.....	12,328	12.2	14,660	10.7
Operators, fabricators, and laborers.....	16,091	16.0	17,697	13.0
Machine operators, assemblers, and inspectors.....	7,744	7.7	6,488	4.8
Transportation and material moving occupations.....	4,201	4.2	5,814	4.3
Handlers, equipment cleaners, helpers, and laborers.....	4,147	4.1	5,395	4.0
Farming, forestry, and fishing.....	3,700	3.7	3,480	2.5
<b>Women</b>				
<b>Total, 16 years and over.....</b>	44,047	100.0	63,582	100.0
Managerial and professional specialty.....	9,659	21.9	21,445	33.7
Executive, administrative, and managerial.....	3,490	7.9	9,446	14.9
Professional specialty.....	6,169	14.0	11,999	18.9
Technical, sales, and administrative support.....	20,187	45.8	24,680	38.8
Technicians and related support.....	1,471	3.3	2,441	3.8
Sales occupations.....	5,617	12.8	7,969	12.5
Administrative support, including clerical.....	13,100	29.7	14,270	22.4
Service occupations.....	8,326	18.9	11,518	18.1
Private household.....	942	2.1	706	1.1
Protective service.....	215	0.5	516	0.8
Service, except private household and protective.....	7,170	16.3	10,296	16.2
Precision production, craft, and repair.....	1,000	2.3	1,201	1.9
Operators, fabricators, and laborers.....	4,282	9.7	4,022	6.3
Machine operators, assemblers, and inspectors.....	3,259	7.4	2,290	3.6
Transportation and material moving occupations.....	326	0.7	603	0.9
Handlers, equipment cleaners, helpers, and laborers.....	697	1.6	1,129	1.8
Farming, forestry, and fishing.....	592	1.3	716	1.1

See note at end of table.

Table 10. **Employed persons by major occupation and sex, 1983 and 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Year			
	1983		2002	
	Number	Percent	Number	Percent
<b>Men</b>				
<b>Total, 16 years and over.....</b>	56,787	100.0	72,903	100.0
Managerial and professional specialty.....	13,933	24.5	21,037	28.9
Executive, administrative, and managerial.....	7,282	12.8	11,115	15.2
Professional specialty.....	6,651	11.7	9,922	13.6
Technical, sales, and administrative support.....	11,078	19.5	14,267	19.6
Technicians and related support.....	1,582	2.8	2,068	2.8
Sales occupations.....	6,201	10.9	8,285	11.4
Administrative support, including clerical.....	3,295	5.8	3,914	5.4
Service occupations.....	5,530	9.7	7,701	10.6
Private household.....	38	0.1	40	0.1
Protective service.....	1,457	2.6	2,081	2.9
Service, except private household and protective.....	4,035	7.1	5,580	7.7
Precision production, craft, and repair.....	11,328	19.9	13,459	18.5
Operators, fabricators, and laborers.....	11,809	20.8	13,675	18.8
Machine operators, assemblers, and inspectors.....	4,484	7.9	4,198	5.8
Transportation and material moving occupations.....	3,875	6.8	5,211	7.1
Handlers, equipment cleaners, helpers, and laborers.....	3,450	6.1	4,265	5.9
Farming, forestry, and fishing.....	3,108	5.5	2,765	3.8

NOTE: Data for 1994 and subsequent years are not directly comparable with data for 1993 and earlier years because of the introduction of a major redesign of the Current Population Survey.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages**

(Numbers in thousands)

Occupation	Total employed	Percent women
Total, 16 years and over.....	136,485	46.6
Managerial and professional specialty.....	42,482	50.5
Executive, administrative, and managerial.....	20,561	45.9
Officials and administrators, public administration.....	720	52.6
Administrators, protective services.....	54	25.3
Financial managers.....	803	50.5
Personnel and labor relations managers.....	219	66.0
Purchasing managers.....	140	43.3
Managers, marketing, advertising, and public relations.....	735	38.4
Administrators, education and related fields.....	849	64.6
Managers, medicine and health.....	828	78.4
Postmasters and mail superintendents.....	51	50.0
Managers, food serving and lodging establishments.....	1,494	46.5
Managers, properties and real estate.....	618	50.0
Funeral directors.....	58	23.9
Management-related occupations.....	5,182	58.2
Accountants and auditors.....	1,702	59.4
Underwriters.....	101	67.4
Other financial officers.....	880	50.0
Management analysts.....	545	42.2
Personnel, training, and labor relations specialists.....	624	74.9
Buyers, wholesale and retail trade, except farm products.....	229	55.3
Construction inspectors.....	72	5.0
Inspectors and compliance officers, except construction.....	247	36.4
Professional specialty.....	21,921	54.7
Engineers, architects, and surveyors.....	2,249	11.6
Architects.....	197	20.1
Engineers.....	2,028	10.8
Aerospace engineers.....	90	8.1
Chemical engineers.....	77	16.5
Civil engineers.....	267	10.8
Electrical and electronic engineers.....	677	10.3
Industrial engineers.....	235	17.2
Mechanical engineers.....	301	6.9
Mathematical and computer scientists.....	2,030	30.8
Computer systems analysts and scientists.....	1,742	27.8
Operations and systems researchers and analysts.....	238	48.9
Natural scientists.....	545	35.1
Chemists, except biochemists.....	130	29.8
Agricultural and food scientists.....	51	34.6
Biological and life scientists.....	119	44.0
Medical scientists.....	89	60.4
Health diagnosing occupations.....	1,176	29.2
Physicians.....	825	30.6
Dentists.....	180	19.4

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Health assessment and treating occupations.....	3,267	86.4
Registered nurses.....	2,311	92.9
Pharmacists.....	231	51.7
Dietitians.....	74	90.2
Therapists.....	562	77.5
Respiratory therapists.....	97	58.4
Occupational therapists.....	78	89.1
Physical therapists.....	167	70.2
Speech therapists.....	117	94.3
Physicians' assistants.....	89	59.5
Teachers, college and university.....	1,015	42.7
Teachers, except college and university.....	5,652	75.0
Teachers, prekindergarten and kindergarten.....	647	97.7
Teachers, elementary school.....	2,341	83.0
Teachers, secondary school.....	1,289	58.1
Teachers, special education.....	374	85.4
Counselors, educational and vocational.....	282	74.3
Librarians, archivists, and curators.....	231	78.8
Librarians.....	207	81.7
Social scientists and urban planners.....	457	59.6
Economists.....	123	55.0
Psychologists.....	277	65.9
Social, recreation, and religious workers.....	1,556	57.3
Social workers.....	848	74.0
Recreation workers.....	129	74.2
Clergy.....	393	14.1
Lawyers and judges.....	963	29.3
Lawyers.....	929	29.2
Writers, artists, entertainers, and athletes.....	2,498	49.8
Authors.....	139	54.7
Technical writers.....	68	61.5
Designers.....	770	56.4
Musicians and composers.....	161	36.4
Actors and directors.....	155	38.2
Painters, sculptors, craft artists, and artist printmakers.....	225	47.9
Photographers.....	178	33.2
Editors and reporters.....	280	48.5
Public relations specialists.....	211	68.2
Announcers.....	52	16.4
Athletes.....	95	25.8
Technical, sales, and administrative support.....	38,947	63.4
Technicians and related support.....	4,509	54.1
Health technologists and technicians.....	1,879	81.5
Clinical laboratory technologists and technicians.....	384	76.5
Dental hygienists.....	133	98.1
Radiologic technicians.....	182	74.4
Licensed practical nurses.....	382	94.9
Engineering and related technologists and technicians.....	980	20.8

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Electrical and electronic technicians.....	433	19.1
Drafting occupations.....	247	21.6
Surveying and mapping technicians.....	65	9.1
Science technicians.....	291	47.2
Biological technicians.....	131	59.5
Chemical technicians.....	64	33.6
Technicians, except health, engineering, and science.....	1,359	41.8
Airplane pilots and navigators.....	129	4.2
Computer programmers.....	605	25.6
Legal assistants.....	401	82.2
Sales occupations.....	16,254	49.0
Supervisors and proprietors.....	4,828	39.6
Sales representatives, finance and business services.....	2,944	44.8
Insurance sales.....	612	45.0
Real estate sales.....	839	55.1
Securities and financial services sales.....	568	28.6
Advertising and related sales.....	181	61.8
Sales occupations, other business services.....	744	41.3
Sales representatives, commodities, except retail.....	1,563	25.2
Sales representatives, mining, manufacturing, and wholesale.....	1,526	25.6
Sales workers, retail and personal services.....	6,811	62.7
Sales workers, motor vehicles and boats.....	358	11.3
Sales workers, apparel.....	390	77.7
Sales workers, shoes.....	97	52.8
Sales workers, furniture and home furnishings.....	181	50.7
Sales workers, radio, television, hi-fi, and appliances.....	309	27.2
Sales workers, hardware and building supplies.....	296	23.3
Sales workers, parts.....	153	8.6
Sales workers, other commodities.....	1,467	66.2
Sales counter clerks.....	183	59.8
Cashiers.....	2,942	76.7
Street and door-to-door sales workers.....	334	72.9
News vendors.....	103	36.7
Sales-related occupations.....	107	71.0
Demonstrators, promoters, and models.....	77	73.1
Administrative support occupations, including clerical.....	18,184	78.5
Supervisors, administrative support.....	717	60.5
Supervisors, general office.....	402	69.4
Supervisors, financial records processing.....	107	81.6
Supervisors, distribution, scheduling, and adjusting clerks.....	185	31.6
Computer equipment operators.....	308	47.1
Computer operators.....	301	46.9
Secretaries, stenographers, and typists.....	3,020	97.6
Secretaries.....	2,302	98.6
Stenographers.....	146	95.2
Typists.....	571	93.9
Information clerks.....	2,053	89.0
Interviewers.....	169	82.2
Hotel clerks.....	131	70.1
Transportation ticket and reservation agents.....	237	72.7

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Receptionists.....	1,068	97.1
Records processing, except financial.....	995	80.5
Order clerks.....	289	74.9
Personnel clerks, except payroll and timekeeping.....	70	79.1
Library clerks.....	130	79.2
File clerks.....	288	81.5
Records clerks.....	206	87.4
Financial records processing.....	2,205	91.8
Bookkeepers, accounting, and auditing clerks.....	1,592	92.7
Payroll and timekeeping clerks.....	175	91.2
Billing clerks.....	229	89.7
Cost and rate clerks.....	51	81.2
Billing, posting, and calculating machine operators.....	159	89.8
Duplicating, mail, and other office machine operators.....	58	55.1
Communications equipment operators.....	138	83.6
Telephone operators.....	119	85.4
Mail and message distributing.....	907	39.7
Postal clerks, except mail carriers.....	274	49.5
Mail carriers, postal service.....	338	29.9
Mail clerks, except Postal Service.....	165	52.5
Messengers.....	130	28.1
Material recording, scheduling, and distributing clerks.....	1,995	45.9
Dispatchers.....	258	55.0
Production coordinators.....	230	57.4
Traffic, shipping, and receiving clerks.....	623	30.9
Stock and inventory clerks.....	463	43.9
Weighers, measurers, checkers, and samplers.....	53	51.6
Expeditors.....	310	65.7
Adjusters and investigators.....	1,929	73.8
Insurance adjusters, examiners, and investigators.....	497	71.9
Investigators and adjusters, except insurance.....	1,135	74.5
Eligibility clerks, social welfare.....	86	87.3
Bill and account collectors.....	212	68.5
Miscellaneous administrative support occupations.....	3,858	84.2
General office clerks.....	842	83.3
Bank tellers.....	477	87.3
Data-entry keyers.....	595	81.8
Statistical clerks.....	97	85.1
Teachers' aides.....	813	91.6
Service occupations.....	19,219	59.9
Private household.....	746	94.7
Childcare workers.....	229	97.6
Cleaners and servants.....	500	93.7
Protective service.....	2,596	19.9
Supervisors.....	237	13.3
Police and detectives.....	126	15.7
Guards.....	66	17.7
Firefighting and fire prevention.....	262	4.1
Firefighting.....	248	3.4
Police and detectives.....	1,076	18.3
Police and detectives, public service.....	586	15.5

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages —Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Sheriffs, bailiffs, and other law enforcement officers.....	162	19.3
Correctional institution officers.....	328	23.0
Guards.....	1,022	27.0
Guards and police, except public services.....	885	21.9
Service occupations, except private household and protective services.....	15,877	64.9
Food preparation and service occupations.....	6,614	55.8
Supervisors, food preparation and service.....	488	67.0
Bartenders.....	341	55.1
Waiters and waitresses.....	1,430	74.9
Cooks.....	2,264	40.3
Food counter, fountain, and related occupations.....	398	66.0
Kitchen workers, food preparation.....	338	68.5
Waiters' and waitresses' assistants.....	696	52.5
Miscellaneous food preparation occupations.....	659	50.4
Health service occupations.....	2,817	89.2
Dental assistants.....	224	98.0
Health aides, except nursing.....	350	78.6
Nursing aides, orderlies, and attendants.....	2,243	89.9
Cleaning and building service occupations.....	3,162	45.7
Supervisors.....	183	31.7
Maids and housemen.....	709	82.3
Janitors and cleaners.....	2,199	36.4
Pest control.....	63	1.4
Personal service occupations.....	3,284	80.7
Supervisors.....	143	69.5
Barbers.....	91	23.4
Hairdressers and cosmetologists.....	908	89.7
Attendants, amusement and recreation facilities.....	267	40.3
Public transportation attendants.....	129	80.0
Welfare service aides.....	113	82.8
Family childcare providers.....	457	99.4
Early childhood teachers' assistants.....	536	93.8
Precision production, craft, and repair.....	14,660	8.2
Mechanics and repairers.....	4,760	4.5
Supervisors.....	237	7.4
Mechanics and repairers, except supervisors.....	4,523	4.4
Vehicle and mobile equipment mechanics and repairers.....	1,831	1.3
Automobile mechanics.....	867	1.4
Bus, truck, and stationary engine mechanics.....	343	.7
Aircraft engine mechanics.....	126	2.2
Small engine repairers.....	53	.7
Automobile body and related repairers.....	212	2.2
Heavy equipment mechanics.....	180	.4
Industrial machinery repairers.....	460	3.2
Electrical and electronic equipment repairers.....	870	12.0
Electronic repairers, communications and industrial equipment.....	193	5.8
Data processing equipment repairers.....	283	16.7
Telephone installers and repairers.....	240	15.9
Heating, air-conditioning, and refrigeration mechanics.....	357	.6

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Construction trades.....	6,304	2.4
Supervisors.....	963	2.4
Construction trades, except supervisors.....	5,341	2.4
Brickmasons and stonemasons.....	236	.4
Tile setters, hard and soft.....	104	1.2
Carpet installers.....	140	3.8
Carpenters.....	1,563	1.8
Drywall installers.....	187	2.1
Electricians.....	862	2.5
Electrical power installers and repairers.....	126	3.2
Painters, construction and maintenance.....	654	4.9
Plumbers, pipefitters, and steamfitters.....	548	1.5
Concrete and terrazzo finishers.....	104	1.2
Insulation workers.....	60	10.8
Roofers.....	235	2.4
Structural metalworkers.....	67	1.4
Extractive occupations.....	115	1.9
Precision production occupations.....	3,481	23.8
Supervisors.....	1,056	19.9
Precision metalworking occupations.....	826	6.8
Tool and die makers.....	99	2.3
Machinists.....	470	5.4
Sheet-metal workers.....	125	3.0
Precision woodworking occupations.....	104	11.4
Cabinet makers and bench carpenters.....	74	6.4
Precision textile, apparel, and furnishings machine workers.....	189	53.0
Dressmakers.....	81	86.7
Upholsterers.....	58	20.5
Precision workers, assorted materials.....	449	54.0
Optical goods workers.....	72	68.0
Dental laboratory and medical appliance technicians.....	66	44.5
Electrical and electronic equipment assemblers.....	237	63.1
Precision food production occupations.....	431	36.6
Butchers and meat cutters.....	229	20.8
Bakers.....	148	50.3
Food batchmakers.....	54	65.9
Precision inspectors, testers, and related workers.....	156	23.9
Inspectors, testers, and graders.....	149	23.8
Plant and system operators.....	271	5.0
Water and sewage treatment plant operators.....	77	4.1
Stationary engineers.....	114	2.9
Operators, fabricators, and laborers.....	17,697	22.7
Machine operators, assemblers, and inspectors.....	6,488	35.3
Machine operators and tenders, except precision.....	4,065	34.6
Metalworking and plastic working machine operators.....	286	17.2
Punching and stamping press machine operators.....	69	26.7
Grinding, abrading, buffing, and polishing machine operators.....	91	20.5
Metal and plastic processing machine operators.....	136	19.5
Molding and casting machine operators.....	86	23.8
Woodworking machine operators.....	114	12.9
Sawing machine operators.....	71	10.2

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages —Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Printing machine operators.....	353	25.2
Printing press operators.....	274	18.1
Textile, apparel, and furnishings machine operators.....	757	67.6
Textile sewing machine operators.....	352	77.2
Pressing machine operators.....	81	69.5
Laundering and drycleaning machine operators.....	204	59.3
Machine operators, assorted materials.....	2,401	29.5
Packaging and filling machine operators.....	268	55.9
Mixing and blending machine operators.....	113	11.2
Separating, filtering, and clarifying machine operators.....	66	9.9
Painting and paint spraying machine operators.....	154	13.9
Furnace, kiln, and oven operators, except food.....	50	7.4
Slicing and cutting machine operators.....	138	23.5
Photographic process machine operators.....	89	60.5
Fabricators, assemblers, and hand working occupations.....	1,769	31.7
Welders and cutters.....	511	5.1
Assemblers.....	1,108	42.2
Production inspectors, testers, samplers, and weighers.....	654	49.4
Production inspectors, checkers, and examiners.....	472	50.6
Production testers.....	54	20.3
Graders and sorters, except agricultural.....	124	57.8
Transportation and material moving occupations.....	5,814	10.4
Motor vehicle operators.....	4,482	12.1
Supervisors.....	97	25.5
Truckdrivers.....	3,234	4.9
Drivers—sales workers.....	153	10.5
Busdrivers.....	605	48.4
Taxicab drivers and chauffeurs.....	332	12.4
Parking lot attendants.....	53	14.3
Transportation occupations, except motor vehicles.....	169	4.5
Rail transportation.....	111	4.1
Locomotive operating occupations.....	54	3.5
Water transportation.....	58	5.2
Material moving equipment operators.....	1,163	4.6
Operating engineers.....	265	1.1
Crane and tower operators.....	72	.4
Excavating and loading machine operators.....	106	1.0
Grader, dozer, and scraper operators.....	52	5.2
Industrial truck and tractor equipment operators.....	563	7.1
Handlers, equipment cleaners, helpers, and laborers.....	5,395	20.9
Helpers, construction and extractive occupations.....	123	6.5
Helpers, construction trades.....	114	6.5
Construction laborers.....	1,089	3.9
Production helpers.....	54	23.9
Freight, stock, and material handlers.....	1,949	25.4
Stock handlers and baggers.....	1,105	33.8
Machine feeders and offbearers.....	62	51.0
Garage and service station related occupations.....	171	8.8

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Vehicle washers and equipment cleaners.....	306	10.6
Hand packers and packagers.....	397	60.1
Laborers, except construction.....	1,267	21.8
Farming, forestry, and fishing.....	3,480	20.6
Farm operators and managers.....	1,168	24.5
Farmers, except horticultural.....	898	25.5
Horticultural specialty farmers.....	76	13.5
Farm managers, except horticultural.....	169	22.4
Other agricultural and related occupations.....	2,181	19.2
Farm occupations, except managerial.....	779	21.4
Farm workers.....	716	21.0
Related agricultural occupations.....	1,403	18.1
Supervisors, related agricultural occupations.....	188	7.7
Groundskeepers and gardeners, except farm.....	973	7.8
Animal caretakers, except farm.....	170	68.1
Graders and sorters, agricultural products.....	68	67.7
Forestry and logging occupations.....	85	7.3
Timber cutting and logging occupations.....	54	1.6

NOTE: Generally, data for occupations with fewer than 50,000 employed are not published separately but are included in the totals for the appropriate broad occupation group shown.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 12. **Percent distribution of employed women by occupation, race, and Hispanic origin, 2002 annual averages**

Occupation	White	Black	Hispanic origin
Total, 16 years and over (thousands).....	52,164	7,914	6,744
Percent.....	100.0	100.0	100.0
Managerial and professional specialty.....	34.8	26.3	18.8
Executive, administrative, and managerial.....	15.5	11.2	9.3
Professional specialty.....	19.3	15.1	9.5
Technical, sales, and administrative support.....	39.5	36.4	36.2
Technicians and related support.....	3.9	3.7	2.6
Sales occupations.....	13.0	10.1	12.5
Administrative support, including clerical.....	22.7	22.6	21.2
Service occupations.....	16.7	26.6	27.8
Private household.....	1.1	1.1	3.6
Protective service.....	0.7	1.9	0.8
Service, except private household and protective .....	15.0	23.6	23.5
Precision production, craft, and repair.....	1.8	1.6	2.9
Operators, fabricators, and laborers.....	5.8	8.8	12.4
Machine operators, assemblers, and inspectors.....	3.2	5.3	7.9
Transportation and material moving occupations.....	0.9	1.6	0.9
Handlers, equipment cleaners, helpers, and laborers.....	1.7	1.9	3.6
Farming, forestry, and fishing.....	1.3	0.2	1.7

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 13. Median usual weekly earnings of full-time wage and salary workers in constant (2002) dollars by race, Hispanic origin, and sex, 1979-2002 annual averages

Year	Total, both sexes				Women			
	Total	White	Black	Hispanic origin	Total	White	Black	Hispanic origin
1979....	\$551	\$567	\$454	\$445	\$418	\$422	\$388	\$360
1980....	540	554	438	432	415	420	382	356
1981....	535	548	442	421	414	418	389	359
1982....	539	551	437	428	426	432	387	362
1983....	536	546	447	428	432	435	397	368
1984....	537	553	443	427	437	441	397	367
1985....	547	566	442	430	442	448	402	367
1986 <sup>1</sup> ...	560	579	456	434	456	460	413	377
1987....	565	580	456	430	459	465	418	380
1988....	562	576	459	424	460	464	421	380
1989....	559	573	447	417	459	468	422	377
1990 <sup>1</sup> ...	550	566	439	406	462	471	411	371
1991....	549	569	448	402	471	480	416	376
1992....	553	575	448	404	477	486	421	379
1993....	563	582	452	406	482	491	426	384
1994 <sup>1</sup> ...	561	581	445	389	479	490	415	366
1995....	561	579	449	386	476	486	416	357
1996....	559	577	442	387	477	488	413	361
1997 <sup>1</sup> ...	562	580	447	392	482	496	419	355
1998 <sup>1</sup> ...	576	600	469	408	502	516	441	371
1999 <sup>1</sup> ...	592	618	480	415	510	521	441	376
2000 <sup>1</sup> ...	601	617	489	414	513	522	448	380
2001....	606	622	495	421	519	529	458	391
2002 <sup>2</sup> ...	609	624	498	423	530	549	474	396

See footnotes at end of table.

Table 13. Median usual weekly earnings of full-time wage and salary workers in constant (2002) dollars by race, Hispanic origin, and sex, 1979-2002 annual averages— Continued

Year	Men				Women's earnings as a percent of men's			
	Total	White	Black	Hispanic origin	Total	White	Black	Hispanic origin
1979....	\$670	\$684	\$521	\$503	62.3	61.7	74.4	71.7
1980....	647	661	504	484	64.2	63.4	75.8	73.5
1981....	642	661	506	474	64.4	63.1	76.9	75.7
1982....	649	669	496	480	65.7	64.5	78.1	75.5
1983....	649	663	504	469	66.5	65.6	78.9	78.5
1984....	646	661	499	473	67.6	66.8	79.5	77.7
1985....	649	666	486	472	68.1	67.2	82.6	77.7
1986 <sup>1</sup> ...	656	678	499	468	69.5	67.9	82.8	80.6
1987....	657	681	495	463	69.8	68.2	84.4	82.0
1988....	656	679	508	450	70.2	68.4	82.8	84.4
1989....	655	675	487	441	70.1	69.3	86.5	85.4
1990 <sup>1</sup> ...	642	659	482	424	71.9	71.5	85.3	87.4
1991....	635	652	483	416	74.2	73.7	86.1	90.4
1992....	629	646	477	426	75.8	75.3	88.2	89.1
1993....	625	642	480	424	77.1	76.5	88.8	90.5
1994 <sup>1</sup> ...	627	657	480	412	76.4	74.6	86.5	88.9
1995....	630	663	482	410	75.5	73.3	86.4	87.1
1996....	636	662	470	406	75.0	73.8	87.9	88.8
1997 <sup>1</sup> ...	647	665	483	415	74.4	74.6	86.8	85.7
1998 <sup>1</sup> ...	659	678	516	430	76.3	76.1	85.5	86.4
1999 <sup>1</sup> ...	667	688	527	438	76.5	75.7	83.8	85.7
2000 <sup>1</sup> ...	675	699	525	432	76.0	74.7	85.3	87.9
2001....	683	705	526	445	76.0	75.1	87.1	87.9
2002 <sup>2</sup> ...	680	702	523	449	77.9	78.2	90.6	88.2

<sup>1</sup> The comparability of historical labor force data has been affected at various times by methodological and conceptual changes in the Current Population Survey (CPS). For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly BLS periodical.

<sup>2</sup> Data for 2002 are based on new population controls from the 2000 census. Data from 1990-2001 are based on 1990 population controls. For additional information, see "Revisions to the Current Population Survey Effective in January

2003" in the February 2003 issue of *Employment and Earnings*.

NOTE: Persons of Hispanic origin may be of any race; thus, they are included in both the white and black population groups. The Consumer Price Index research series using current methods (CPI-U-RS) is used to convert current dollars to constant dollars.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 14. **Median usual weekly earnings of employed full-time wage and salary workers 25 years and over by educational attainment and sex, 2002 annual averages**

Educational attainment and sex	Total employed (in thousands)	Median weekly earnings
<b>Total, both sexes 25 years and over</b>		
Total.....	89,067	\$647
Less than a high school diploma.....	8,544	388
Less than 1 year of high school.....	3,184	358
1-3 years of high school.....	4,392	403
4 years of high school, no diploma.....	969	421
High school graduate or more.....	80,523	685
High school graduates, no college.....	27,148	536
Some college, no degree.....	15,970	617
Associate degree.....	8,653	657
Occupational program.....	4,585	642
Academic program.....	4,068	673
College graduates.....	28,751	941
Bachelor's degree.....	19,004	876
Master's degree.....	7,030	1,026
Professional degree.....	1,448	1,297
Doctoral degree.....	1,269	1,345
<b>Women, 25 years and over</b>		
Total.....	38,956	570
Less than a high school diploma.....	2,879	323
Less than 1 year of high school.....	979	305
1-3 years of high school.....	1,559	335
4 years of high school, no diploma.....	341	364
High school graduate or more.....	36,077	593
High school graduates, no college.....	11,760	459
Some college, no degree.....	7,299	524
Associate degree.....	4,282	578
Occupational program.....	2,190	565
Academic program.....	2,092	590
College graduates.....	12,736	809
Bachelor's degree.....	8,519	755
Master's degree.....	3,342	901
Professional degree.....	506	1,060
Doctoral degree.....	369	1,126

Table 14. **Median usual weekly earnings of employed full-time wage and salary workers 25 years and over by educational attainment and sex, 2002 annual averages—Continued**

Educational attainment and sex	Total employed (in thousands)	Median weekly earnings
<b>Men, 25 years and over</b>		
Total.....	50,111	\$732
Less than a high school diploma.....	5,665	421
Less than 1 year of high school.....	2,204	387
1-3 years of high school.....	2,833	459
4 years of high school, no diploma.....	628	488
High school graduate or more.....	44,446	776
High school graduates, no college.....	15,389	616
Some college, no degree.....	8,671	715
Associate degree.....	4,371	759
Occupational program.....	2,395	739
Academic program.....	1,976	783
College graduates.....	16,015	1,089
Bachelor's degree.....	10,485	1,001
Master's degree.....	3,688	1,201
Professional degree.....	942	1,448
Doctoral degree.....	900	1,429

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total employed	Median weekly earnings	Total employed	Median weekly earnings	Total employed	Median weekly earnings	
Total, 16 years and over.....	100,204	\$609	43,773	\$530	56,431	\$680	77.9
Managerial and professional specialty.....	32,694	884	16,469	756	16,225	1,058	71.5
Executive, administrative, and managerial.....	16,065	890	7,633	736	8,432	1,081	68.1
Administrators and officials, public administration.....	690	910	361	766	328	1,124	68.1
Administrators, protective services.....	52	965	14	(1)	39	(1)	(1)
Financial managers.....	725	973	363	837	362	1,170	71.5
Personnel and labor relations managers.....	211	970	138	855	73	1,207	70.8
Purchasing managers.....	134	1,074	56	910	78	1,181	77.1
Managers, marketing, advertising, and public relations.....	671	1,115	244	874	427	1,262	69.3
Administrators, education and related fields.....	727	954	453	832	275	1,183	70.3
Managers, medicine and health.....	714	803	549	750	164	1,110	67.6
Managers, food serving and lodging establishments.....	1,031	602	487	517	544	696	74.3
Managers, properties and real estate.....	382	687	211	616	171	817	75.4
Management-related occupations.....	4,275	778	2,524	709	1,751	970	73.1
Accountants and auditors.....	1,424	799	851	734	573	980	74.9
Underwriters.....	93	746	67	741	26	(1)	(1)
Other financial officers.....	746	917	363	718	383	1,127	63.7
Management analysts.....	298	1,077	137	996	161	1,226	81.2
Personnel, training, and labor relations specialists.....	554	753	417	711	137	919	77.4
Buyers, wholesale and retail trade, except farm products.....	169	669	84	628	85	707	88.8
Construction inspectors.....	66	842	2	(1)	64	851	(1)
Inspectors and compliance officers, except construction..	233	874	90	774	144	984	78.7
Professional specialty.....	16,629	879	8,836	773	7,793	1,037	74.5
Engineers, architects, and surveyors.....	2,046	1,151	235	968	1,811	1,170	82.7
Architects.....	140	1,004	27	(1)	112	1,102	(1)
Engineers.....	1,889	1,161	206	1,011	1,683	1,180	85.7
Aerospace engineers.....	83	1,365	8	(1)	76	1,377	(1)
Chemical engineers.....	78	1,313	10	(1)	68	1,393	(1)
Civil engineers.....	230	1,055	28	(1)	202	1,105	(1)
Electrical and electronic engineers.....	636	1,222	67	1,133	569	1,231	92.0
Industrial engineers.....	233	1,032	38	(1)	195	1,085	(1)
Mechanical engineers.....	291	1,163	19	(1)	271	1,167	(1)
Mathematical and computer scientists.....	1,808	1,096	549	945	1,259	1,165	81.1
Computer systems analysts and scientists.....	1,525	1,125	405	962	1,120	1,172	82.1
Operations and systems researchers and analysts.....	240	953	124	897	116	1,056	84.9
Natural scientists.....	475	958	166	879	310	1,025	85.8
Chemists, except biochemists.....	123	1,013	40	(1)	83	1,136	(1)
Biological and life scientists.....	100	932	42	(1)	58	926	(1)
Medical scientists.....	79	969	44	(1)	35	(1)	(1)
Health diagnosing occupations.....	628	1,406	197	918	431	1,549	59.3
Physicians.....	538	1,475	169	947	370	1,626	58.2
Health assessment and treating occupations.....	2,445	883	2,070	869	375	959	90.6
Registered nurses.....	1,737	876	1,597	870	140	957	90.9
Pharmacists.....	170	1,367	84	1,311	86	1,473	89.0
Dietitians.....	51	591	47	(1)	4	(1)	(1)

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Therapists.....	411	\$851	298	\$832	113	\$879	94.7
Respiratory therapists.....	83	761	43	(1)	40	(1)	(1)
Occupational therapists.....	52	901	45	(1)	6	(1)	(1)
Physical therapists.....	121	907	78	926	43	(1)	(1)
Speech therapists.....	82	874	76	874	6	(1)	(1)
Physicians' assistants.....	77	1,031	45	(1)	32	(1)	(1)
Teachers, college and university.....	713	1,028	271	896	442	1,140	78.6
Teachers, except college and university.....	4,457	746	3,276	720	1,181	828	87.0
Teachers, prekindergarten and kindergarten.....	449	455	440	451	10	(1)	(1)
Teachers, elementary school.....	2,039	764	1,677	750	362	836	89.7
Teachers, secondary school.....	1,135	797	639	767	496	842	91.1
Teachers, special education.....	327	758	277	751	50	810	92.7
Counselors, educational and vocational.....	228	821	166	786	62	874	89.9
Librarians, archivists, and curators.....	179	758	138	748	41	(1)	(1)
Librarians.....	157	746	124	743	33	(1)	(1)
Social scientists and urban planners.....	312	805	187	738	126	996	74.1
Economists.....	103	847	61	779	42	(1)	(1)
Psychologists.....	168	764	111	719	57	966	74.4
Social, recreation, and religious workers.....	1,307	654	723	615	584	728	84.5
Social workers.....	753	651	553	632	200	741	85.3
Recreation workers.....	84	437	58	432	26	(1)	(1)
Clergy.....	342	716	41	(1)	301	727	(1)
Lawyers and judges.....	635	1,488	215	1,206	420	1,615	74.7
Lawyers.....	605	1,492	205	1,237	400	1,610	76.8
Writers, artists, entertainers, and athletes.....	1,395	738	645	657	750	809	81.2
Technical writers.....	56	903	31	(1)	25	(1)	(1)
Designers.....	468	753	229	635	240	855	74.3
Actors and directors.....	96	840	39	(1)	57	881	(1)
Painters, sculptors, craft artists, and artist printmakers.....	100	668	44	(1)	56	819	(1)
Photographers.....	64	614	14	(1)	50	702	(1)
Editors and reporters.....	221	755	94	697	126	813	85.7
Public relations specialists.....	161	754	108	731	52	866	84.4
Technical, sales, and administrative support.....	27,829	550	16,960	490	10,869	699	70.1
Technicians and related support.....	3,660	694	1,834	591	1,827	841	70.3
Health technologists and technicians.....	1,395	585	1,093	550	302	724	76.0
Clinical laboratory technologists and technicians.....	309	664	233	614	76	828	74.2
Radiologic technicians.....	139	714	100	671	39	(1)	(1)
Licensed practical nurses.....	296	571	274	566	22	(1)	(1)
Engineering and related technologists and technicians.....	842	752	157	620	685	781	79.4
Electrical and electronic technicians.....	378	793	61	673	317	824	81.7
Drafting occupations.....	212	718	46	(1)	166	756	(1)
Surveying and mapping technicians.....	54	699	3	(1)	51	703	(1)
Science technicians.....	249	656	104	576	145	733	78.6
Biological technicians.....	99	601	55	507	44	(1)	(1)
Chemical technicians.....	62	683	19	(1)	42	(1)	(1)
Technicians, except health, engineering, and science.....	1,174	854	480	688	695	1,010	68.1

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Airplane pilots and navigators.....	108	\$1,245	5	(1)	103	\$1,258	(1)
Computer programmers.....	544	1,020	130	\$902	414	1,048	86.1
Legal assistants.....	348	642	287	629	60	697	90.2
Sales occupations.....	10,175	601	4,444	441	5,731	742	59.4
Supervisors and proprietors.....	3,301	655	1,313	507	1,988	766	66.2
Sales representatives, finance and business services.....	1,951	780	868	633	1,083	937	67.6
Insurance sales.....	408	674	211	580	197	872	66.5
Real estate sales.....	399	799	223	712	176	945	75.3
Securities and financial services sales.....	430	979	132	737	297	1,149	64.1
Advertising and related sales.....	150	723	92	677	58	875	77.4
Sales occupations, other business services.....	564	754	210	582	354	856	68.0
Sales representatives, commodities, except retail.....	1,362	854	326	673	1,036	909	74.0
Sales workers, retail and personal services.....	3,519	380	1,907	326	1,612	488	66.8
Sales workers, motor vehicles and boats.....	321	665	35	(1)	286	677	(1)
Sales workers, apparel.....	142	341	110	326	32	(1)	(1)
Sales workers, furniture and home furnishings.....	130	509	53	469	77	555	84.5
Sales workers, radio, television, hi-fi, and appliances.....	225	561	65	435	160	622	69.9
Sales workers, hardware and building supplies.....	211	498	37	(1)	174	518	(1)
Sales workers, parts.....	135	487	12	(1)	123	507	(1)
Sales workers, other commodities.....	706	387	422	353	284	466	75.8
Sales counter clerks.....	91	350	50	315	40	(1)	(1)
Cashiers.....	1,387	311	1,036	307	351	324	94.8
Street and door-to-door sales workers.....	107	481	64	458	43	(1)	(1)
Administrative support, including clerical.....	13,994	503	10,683	488	3,312	583	83.7
Supervisors.....	686	637	425	607	260	711	85.4
General office.....	398	620	277	594	122	734	80.9
Financial records processing.....	107	718	87	688	20	(1)	(1)
Distribution, scheduling, and adjusting clerks.....	159	619	53	586	106	632	92.7
Computer equipment operators.....	277	579	134	510	143	624	81.7
Computer operators.....	272	581	132	511	140	628	81.4
Secretaries, stenographers, and typists.....	2,249	497	2,197	496	52	544	91.2
Secretaries.....	1,732	496	1,709	496	23	(1)	(1)
Stenographers.....	84	520	77	515	7	(1)	(1)
Typists.....	432	495	410	491	22	(1)	(1)
Information clerks.....	1,404	450	1,236	442	169	533	82.9
Interviewers.....	106	449	87	453	19	(1)	(1)
Hotel clerks.....	98	366	69	359	29	(1)	(1)
Transportation ticket and reservation agents.....	191	572	125	519	65	623	83.3
Receptionists.....	709	429	688	429	21	(1)	(1)
Records processing, except financial.....	724	486	584	477	141	547	87.2
Order clerks.....	248	520	184	509	64	571	89.1
Personnel clerks, except payroll and timekeeping.....	62	506	47	(1)	14	(1)	(1)
Library clerks.....	59	476	51	442	8	(1)	(1)
File clerks.....	172	431	136	425	37	(1)	(1)
Records clerks.....	175	487	157	483	18	(1)	(1)

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Financial records processing.....	1,502	\$505	1,368	\$500	134	\$563	88.8
Bookkeepers, accounting, and auditing clerks.....	1,011	502	928	500	83	525	95.2
Payroll and timekeeping clerks.....	145	576	133	573	12	(1)	(1)
Billing clerks.....	174	493	158	487	16	(1)	(1)
Billing, posting, and calculating machine operators.....	128	491	113	485	15	(1)	(1)
Communications equipment operators.....	115	467	92	478	23	(1)	(1)
Telephone operators.....	95	468	78	477	17	(1)	(1)
Mail and message distributing.....	778	691	290	627	487	720	87.1
Postal clerks, except mail carriers.....	259	748	125	726	134	773	93.9
Mail carriers, postal service.....	316	745	86	697	230	761	91.6
Mail clerks, except postal service.....	123	420	61	387	62	485	79.8
Messengers.....	79	557	18	(1)	61	586	(1)
Material recording, scheduling, and distributing clerks.....	1,728	505	752	487	977	518	94.0
Dispatchers.....	240	562	131	523	109	595	87.9
Production coordinators.....	207	624	118	574	89	755	76.0
Traffic, shipping, and receiving clerks.....	583	478	161	460	423	484	95.0
Stock and inventory clerks.....	379	509	165	495	214	520	95.2
Expeditors.....	224	440	146	440	78	442	99.5
Adjusters and investigators.....	1,708	519	1,255	509	453	586	86.9
Insurance adjusters, examiners, and investigators.....	468	596	334	570	133	738	77.2
Investigators and adjusters, except insurance.....	972	504	723	495	249	534	92.7
Eligibility clerks, social welfare.....	81	576	72	570	9	(1)	(1)
Bill and account collectors.....	187	486	126	483	61	492	98.2
Miscellaneous administrative support occupations.....	2,777	474	2,327	460	451	545	84.4
General office clerks.....	579	482	486	474	94	521	91.0
Bank tellers.....	318	399	289	394	28	(1)	(1)
Data-entry keyers.....	476	481	389	477	87	502	95.0
Statistical clerks.....	80	\$491	67	\$475	14	(1)	(1)
Teachers' aides.....	456	367	417	366	39	(1)	(1)
Service occupations.....	11,542	384	5,988	343	5,554	\$445	77.1
Private household.....	338	278	312	276	25	(1)	(1)
Child care workers.....	109	251	109	251	-	-	-
Cleaners and servants.....	225	288	201	288	24	(1)	(1)
Protective services.....	2,300	647	408	501	1,892	689	72.7
Supervisors.....	222	866	27	(1)	196	904	(1)
Police and detectives.....	120	913	17	(1)	103	965	(1)
Guards.....	61	613	9	(1)	52	637	(1)
Firefighting and fire prevention.....	238	842	8	(1)	230	843	(1)
Firefighting.....	225	847	6	(1)	219	846	(1)
Police and detectives.....	1,072	726	187	593	885	744	79.7
Police and detectives, public service.....	598	786	91	721	507	805	89.6
Sheriffs, bailiffs, and other law enforcement officers.....	155	680	28	(1)	127	691	(1)
Correctional institution officers.....	319	602	67	505	251	642	78.7
Guards.....	767	460	187	414	581	480	86.3
Guards and police, except public service.....	722	469	167	430	555	485	88.7

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Service occupations, except private household and protective.....	8,904	\$355	5,268	\$339	3,637	\$379	89.4
Food preparation and service occupations.....	3,370	325	1,630	309	1,740	349	88.5
Supervisors.....	261	375	143	349	118	409	85.3
Bartenders.....	171	382	84	367	87	397	92.4
Waiters and waitresses.....	624	322	441	311	183	357	87.1
Cooks, except short order.....	1,395	333	486	303	908	355	85.4
Food counter, fountain, and related occupations.....	106	260	67	254	39	(1)	(1)
Kitchen workers, food preparation.....	166	320	112	316	54	326	96.9
Waiters' and waitresses' assistants.....	318	314	152	302	167	325	92.9
Miscellaneous food preparation occupations.....	329	305	146	304	184	306	99.3
Health service occupations.....	1,992	374	1,755	372	237	385	96.6
Dental assistants.....	134	460	131	461	3	(1)	(1)
Health aides, except nursing.....	255	370	191	367	64	380	96.6
Nursing aides, orderlies, and attendants.....	1,603	369	1,434	367	170	386	95.1
Cleaning and building service occupations.....	2,249	372	894	324	1,356	407	79.6
Supervisors.....	170	451	54	383	116	494	77.5
Maids and housemen.....	469	317	366	311	103	350	88.9
Janitors and cleaners.....	1,548	383	471	336	1,077	404	83.2
Pest control.....	55	421	-	-	55	420	-
Personal service occupations.....	1,293	375	989	356	305	441	80.7
Supervisors.....	61	564	31	(1)	30	(1)	(1)
Hairdressers and cosmetologists.....	366	377	325	372	41	(1)	(1)
Attendants, amusement and recreation facilities.....	137	399	64	382	73	425	89.9
Public transportation attendants.....	80	611	61	604	18	(1)	(1)
Welfare service aides.....	72	415	60	401	12	(1)	(1)
Early childhood teachers' assistants.....	265	301	255	301	10	(1)	(1)
Precision production, craft, and repair.....	11,806	629	939	479	10,867	645	74.3
Mechanics and repairers.....	4,075	674	194	593	3,881	677	87.6
Supervisors.....	221	807	17	(1)	204	817	(1)
Mechanics and repairers, except supervisors.....	3,854	666	177	585	3,677	670	87.3
Vehicle and mobile equipment mechanics and repairers..	1,504	633	23	(1)	1,480	637	(1)
Automobile mechanics.....	653	581	11	(1)	642	583	(1)
Bus, truck, and stationary engine mechanics.....	308	670	3	(1)	306	673	(1)
Aircraft engine mechanics.....	121	796	4	(1)	117	804	(1)
Automobile body and related repairers.....	172	628	4	(1)	168	637	(1)
Heavy equipment mechanics.....	165	710	1	(1)	164	712	(1)
Industrial machinery repairers.....	427	685	13	(1)	414	691	(1)
Electrical and electronic equipment repairers.....	780	752	101	666	679	766	86.9
Electronic repairers, communications and industrial equipment.....	169	656	9	(1)	159	669	(1)
Data processing equipment repairers.....	235	722	41	(1)	195	736	(1)
Telephone installers and repairers.....	229	825	42	(1)	187	866	(1)
Heating, air conditioning, and refrigeration mechanics.....	287	659	1	(1)	287	660	(1)
Miscellaneous mechanics and repairers.....	843	627	39	(1)	803	633	(1)
Millwrights.....	61	880	4	(1)	58	884	(1)

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Construction trades.....	4,534	\$605	94	\$553	4,440	\$606	91.3
Supervisors.....	554	778	16	(1)	538	784	(1)
Construction trades, except supervisors.....	3,980	585	78	501	3,902	586	85.5
Brickmasons and stonemasons.....	175	580	-	-	175	580	-
Tile setters, hard and soft.....	66	551	1	(1)	65	559	(1)
Carpet installers.....	76	412	3	(1)	73	414	(1)
Carpenters.....	1,100	553	19	(1)	1,081	554	(1)
Drywall installers.....	117	489	-	-	117	489	-
Electricians.....	757	730	17	(1)	740	730	(1)
Electrical power installers and repairers.....	117	730	2	(1)	114	725	(1)
Painters, construction and maintenance.....	390	447	18	(1)	371	453	(1)
Plumbers, pipefitters, steamfitters, and apprentices.....	459	699	5	(1)	455	698	(1)
Concrete and terrazzo finishers.....	93	510	1	(1)	92	509	(1)
Insulation workers.....	53	602	5	(1)	48	(1)	(1)
Roofers.....	138	504	1	(1)	137	503	(1)
Structural metalworkers.....	65	769	2	(1)	63	771	(1)
Extractive occupations.....	104	831	1	(1)	103	828	(1)
Precision production occupations.....	3,092	612	650	445	2,442	663	67.1
Supervisors.....	985	703	182	538	802	744	72.3
Precision metalworking occupations.....	758	658	39	(1)	719	670	(1)
Tool and die makers.....	96	762	2	(1)	94	770	(1)
Machinists.....	441	646	19	(1)	421	657	(1)
Sheet-metal workers.....	115	574	3	(1)	111	580	(1)
Precision woodworking occupations.....	65	475	5	(1)	60	486	(1)
Precision textile, apparel, and furnishings machine workers.....	113	412	51	406	62	420	96.7
Precision workers, assorted materials.....	388	483	210	425	177	555	76.6
Optical goods workers.....	54	507	35	(1)	19	(1)	(1)
Electrical and electronic equipment assemblers.....	220	451	140	423	79	499	84.8
Precision food production occupations.....	346	428	115	365	231	474	77.0
Butchers and meat cutters.....	203	447	44	(1)	159	481	(1)
Bakers.....	105	400	48	(1)	57	436	(1)
Precision inspectors, testers, and related workers.....	150	684	33	(1)	117	709	(1)
Inspectors, testers, and graders.....	147	677	33	(1)	114	702	(1)
Plant and system operators.....	288	755	15	(1)	273	763	(1)
Water and sewage treatment plant operators.....	79	658	4	(1)	76	667	(1)
Stationary engineers.....	128	777	4	(1)	124	784	(1)
Operators, fabricators, and laborers.....	14,645	482	3,147	385	11,499	511	75.3
Machine operators, assemblers, and inspectors.....	5,841	474	1,965	386	3,876	520	74.2
Machine operators and tenders, except precision.....	3,706	461	1,207	374	2,499	509	73.5
Metalworking and plastic working machine operators.....	279	524	48	(1)	231	540	(1)
Punching and stamping press machine operators.....	70	484	19	(1)	50	516	(1)
Grinding, abrading, buffing, and polishing machine operators.....	85	518	16	(1)	68	520	(1)
Metal and plastic processing machine operators.....	130	492	24	(1)	106	528	(1)
Molding and casting machine operators.....	82	452	20	(1)	62	540	(1)

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Woodworking machine operators.....	103	\$445	13	(1)	91	\$451	(1)
Sawing machine operators.....	71	451	6	(1)	65	468	(1)
Printing machine operators.....	304	548	70	\$428	233	608	70.4
Printing press operators.....	244	579	42	(1)	202	615	(1)
Textile, apparel, and furnishings machine operators.....	640	331	421	316	219	386	81.9
Textile sewing machine operators.....	318	316	238	314	81	322	97.5
Pressing machine operators.....	54	315	36	(1)	18	(1)	(1)
Laundering and dry cleaning machine operators.....	152	324	89	300	63	414	72.5
Machine operators, assorted materials.....	2,239	481	626	399	1,613	511	78.1
Packaging and filling machine operators.....	246	389	131	354	115	421	84.1
Mixing and blending machine operators.....	102	508	12	(1)	90	503	(1)
Separating, filtering, and clarifying machine operators.....	66	624	7	(1)	58	740	(1)
Painting and paint spraying machine operators.....	133	475	17	(1)	116	486	(1)
Slicing and cutting machine operators.....	129	467	28	(1)	101	492	(1)
Photographic process machine operators.....	57	365	31	(1)	27	(1)	(1)
Fabricators, assemblers, and hand working occupations..	1,549	490	465	400	1,084	533	75.0
Welders and cutters.....	449	565	22	(1)	427	573	(1)
Assemblers.....	1,011	459	410	401	601	507	79.1
Production inspectors, testers, samplers, and weighers...	586	492	292	410	294	596	68.8
Production inspectors, checkers, and examiners.....	438	511	224	432	214	609	70.9
Production testers.....	50	618	11	(1)	38	(1)	(1)
Graders and sorters, except agricultural.....	96	333	56	308	40	(1)	(1)
Transportation and material moving occupations.....	4,651	579	367	449	4,284	591	76.0
Motor vehicle operators.....	3,423	582	315	434	3,108	595	72.9
Supervisors.....	75	688	18	(1)	56	712	(1)
Truckdrivers.....	2,601	600	102	443	2,499	604	73.3
Drivers—sales workers.....	114	600	4	(1)	109	603	(1)
Busdrivers.....	390	493	162	431	228	527	81.8
Taxicab drivers and chauffeurs.....	204	476	26	(1)	178	500	(1)
Transportation occupations, except motor vehicles.....	156	884	5	(1)	151	902	(1)
Rail transportation.....	106	866	4	(1)	103	872	(1)
Locomotive operating occupations.....	59	863	2	(1)	57	881	(1)
Material moving equipment operators.....	1,072	539	48	(1)	1,024	544	(1)
Operating engineers.....	248	618	2	(1)	246	616	(1)
Crane and tower operators.....	69	720	-	-	69	718	-
Excavating and loading machine operators.....	78	641	1	(1)	77	645	(1)
Industrial truck and tractor equipment operators.....	547	491	39	(1)	509	491	(1)
Handlers, equipment cleaners, helpers, and laborers.....	4,153	400	814	359	3,339	411	87.3
Helpers, construction and extractive occupations.....	109	375	4	(1)	105	373	(1)
Helpers, construction trades.....	101	376	4	(1)	97	374	(1)
Construction laborers.....	906	431	30	(1)	876	435	(1)
Production helpers.....	50	419	8	(1)	42	(1)	(1)
Freight, stock, and material handlers.....	1,304	393	300	363	1,004	403	90.1
Stock handlers and baggers.....	625	343	211	341	414	345	98.8

See footnotes at end of table.

Table 15. Median usual weekly earnings of full-time wage and salary workers by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Both sexes		Women		Men		Women's earnings as percent of men's
	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	Total Employed	Median weekly earnings	
Machine feeders and offbearers.....	53	\$410	24	(1)	30	(1)	(1)
Garage and service station related occupations.....	133	376	11	(1)	122	\$382	(1)
Vehicle washers and equipment cleaners.....	216	346	22	(1)	194	352	(1)
Hand packers and packagers.....	347	357	213	\$349	134	370	94.3
Laborers, except construction.....	1,048	413	219	361	830	430	84.0
Farming, forestry, and fishing.....	1,687	363	270	308	1,417	376	81.9
Farm operators and managers.....	85	487	24	(1)	61	571	(1)
Farm managers.....	68	488	19	(1)	49	(1)	(1)
Other agricultural and related occupations.....	1,530	354	243	304	1,287	368	82.6
Farm occupations, except managerial.....	613	322	107	292	505	333	87.7
Farm workers.....	562	318	94	289	468	327	88.4
Related agricultural occupations.....	917	379	135	314	781	390	80.5
Supervisors, related agricultural occupations.....	92	561	4	(1)	88	568	(1)
Groundskeepers and gardeners, except farm.....	681	375	30	(1)	651	375	(1)
Animal caretakers, except farm.....	82	343	57	313	26	(1)	(1)
Graders and sorters, agricultural products.....	55	296	43	(1)	13	(1)	(1)
Forestry and logging occupations.....	52	473	2	(1)	49	(1)	(1)

- Dash indicates data not available.

<sup>1</sup> Data not shown where base is less than 50,000.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 16. Employed persons by full- and part-time status and sex, 1970-2002 annual averages

(Numbers in thousands)

Year	Total, both sexes				
	Total employed	Usually full time <sup>1</sup>	Usually part time <sup>2</sup>	Percent usually full time	Percent usually part time
1970.....	78,678	66,753	11,925	84.8	15.2
1971.....	79,367	66,973	12,393	84.4	15.6
1972 <sup>3</sup> .....	82,153	69,214	12,939	84.3	15.7
1973 <sup>3</sup> .....	85,064	71,803	13,262	84.4	15.6
1974.....	86,794	73,093	13,701	84.2	15.8
1975.....	85,846	71,586	14,260	83.4	16.6
1976.....	88,752	73,964	14,788	83.3	16.7
1977.....	92,017	76,625	15,391	83.3	16.7
1978 <sup>3</sup> .....	96,048	80,193	15,855	83.5	16.5
1979.....	98,824	82,654	16,171	83.6	16.4
1980.....	99,303	82,562	16,740	83.1	16.9
1981.....	100,397	83,243	17,154	82.9	17.1
1982.....	99,526	81,421	18,106	81.8	18.2
1983.....	100,834	82,322	18,511	81.6	18.4
1984.....	105,005	86,544	18,462	82.4	17.6
1985.....	107,150	88,534	18,615	82.6	17.4
1986 <sup>3</sup> .....	109,597	90,529	19,069	82.6	17.4
1987.....	112,440	92,957	19,483	82.7	17.3
1988.....	114,968	95,214	19,754	82.8	17.2
1989.....	117,342	97,369	19,973	83.0	17.0
1990 <sup>3</sup> .....	118,793	98,666	20,128	83.1	16.9
1991.....	117,718	97,190	20,528	82.6	17.4
1992.....	118,492	97,664	20,828	82.4	17.6
1993.....	120,259	99,114	21,145	82.4	17.6
1994 <sup>3</sup> .....	123,060	99,772	23,288	81.1	18.9
1995.....	124,900	101,679	23,220	81.4	18.6
1996.....	126,708	103,537	23,170	81.7	18.3
1997 <sup>3</sup> .....	129,558	106,334	23,224	82.1	17.9
1998 <sup>3</sup> .....	131,463	108,202	23,261	82.3	17.7
1999 <sup>3</sup> .....	133,488	110,302	23,186	82.6	17.4
2000 <sup>3</sup> .....	136,891	113,846	23,044	83.2	16.8
2001.....	136,933	113,573	23,361	82.9	17.1
2002.....	136,485	112,700	23,785	82.6	17.4

See footnotes at end of table.

Table 16. Employed persons by full- and part-time status and sex, 1970-2002 annual averages—Continued

(Numbers in thousands)

Year	Women				
	Total employed	Usually full time <sup>1</sup>	Usually part time <sup>2</sup>	Percent usually full time	Percent usually part time
1970.....	29,688	21,929	7,758	73.9	26.1
1971.....	29,976	21,950	8,026	73.2	26.8
1972 <sup>3</sup> .....	31,257	22,842	8,416	73.1	26.9
1973 <sup>3</sup> .....	32,715	23,960	8,756	73.2	26.8
1974.....	33,769	24,714	9,055	73.2	26.8
1975.....	33,989	24,598	9,391	72.4	27.6
1976.....	35,615	25,814	9,799	72.5	27.5
1977.....	37,289	27,076	10,213	72.6	27.4
1978 <sup>3</sup> .....	39,569	28,912	10,658	73.1	26.9
1979.....	41,217	30,227	10,990	73.3	26.7
1980.....	42,117	30,845	11,270	73.2	26.8
1981.....	43,000	31,337	11,664	72.9	27.1
1982.....	43,256	31,086	12,170	71.9	28.1
1983.....	44,047	31,679	12,367	71.9	28.1
1984.....	45,915	33,473	12,441	72.9	27.1
1985.....	47,259	34,672	12,587	73.4	26.6
1986 <sup>3</sup> .....	48,706	35,845	12,862	73.6	26.4
1987.....	50,334	37,210	13,124	73.9	26.1
1988.....	51,696	38,398	13,298	74.3	25.7
1989.....	53,027	39,484	13,544	74.5	25.5
1990 <sup>3</sup> .....	53,689	40,165	13,524	74.8	25.2
1991.....	53,496	39,783	13,713	74.4	25.6
1992.....	54,052	40,301	13,751	74.6	25.4
1993.....	54,910	40,991	13,919	74.7	25.3
1994 <sup>3</sup> .....	56,610	40,940	15,670	72.3	27.7
1995.....	57,523	41,743	15,779	72.6	27.4
1996.....	58,501	42,776	15,725	73.1	26.9
1997 <sup>3</sup> .....	59,873	44,076	15,797	73.6	26.4
1998 <sup>3</sup> .....	60,771	45,014	15,757	74.1	25.9
1999 <sup>3</sup> .....	62,042	46,372	15,670	74.7	25.3
2000 <sup>3</sup> .....	63,586	47,916	15,670	75.4	24.6
2001.....	63,737	47,950	15,788	75.2	24.8
2002.....	63,582	47,494	16,088	74.7	25.3

See footnotes at end of table.

Table 16. Employed persons by full- and part-time status and sex, 1970-2002 annual averages—Continued

(Numbers in thousands)

Year	Men				
	Total employed	Usually full time <sup>1</sup>	Usually part time <sup>2</sup>	Percent usually full time	Percent usually part time
1970.....	48,990	44,825	4,166	91.5	8.5
1971.....	49,390	45,023	4,367	91.2	8.8
1972 <sup>3</sup> .....	50,896	46,373	4,523	91.1	8.9
1973 <sup>3</sup> .....	52,349	47,843	4,507	91.4	8.6
1974.....	53,024	48,378	4,646	91.2	8.8
1975.....	51,857	46,988	4,870	90.6	9.4
1976.....	53,138	48,150	4,988	90.6	9.4
1977.....	54,728	49,551	5,178	90.5	9.5
1978 <sup>3</sup> .....	56,479	51,281	5,198	90.8	9.2
1979.....	57,607	52,427	5,180	91.0	9.0
1980.....	57,186	51,717	5,471	90.4	9.6
1981.....	57,397	51,906	5,492	90.4	9.6
1982.....	56,271	50,334	5,937	89.4	10.6
1983.....	56,787	50,643	6,145	89.2	10.8
1984.....	59,091	53,070	6,020	89.8	10.2
1985.....	59,891	53,862	6,028	89.9	10.1
1986 <sup>3</sup> .....	60,892	54,685	6,207	89.8	10.2
1987.....	62,107	55,746	6,360	89.8	10.2
1988.....	63,273	56,816	6,457	89.8	10.2
1989.....	64,315	57,885	6,430	90.0	10.0
1990 <sup>3</sup> .....	65,104	58,501	6,604	89.9	10.1
1991.....	64,223	57,407	6,815	89.4	10.6
1992.....	64,440	57,363	7,077	89.0	11.0
1993.....	65,349	58,123	7,226	88.9	11.1
1994 <sup>3</sup> .....	66,450	58,832	7,617	88.5	11.5
1995.....	67,377	59,936	7,441	89.0	11.0
1996.....	68,207	60,762	7,445	89.1	10.9
1997 <sup>3</sup> .....	69,685	62,258	7,427	89.3	10.7
1998 <sup>3</sup> .....	70,693	63,189	7,504	89.4	10.6
1999 <sup>3</sup> .....	71,446	63,930	7,516	89.5	10.5
2000 <sup>3</sup> .....	73,305	65,930	7,375	89.9	10.1
2001.....	73,196	65,623	7,573	89.7	10.3
2002.....	72,903	65,205	7,697	89.4	10.6

<sup>1</sup> Prior to 1994, total includes persons who usually work part-time but who worked 35 or more hours during the reference week; for 1994 and later years, such persons were included in the part-time total. In all years, the total includes those who usually work full time but who worked less than 35 hours during the reference week for noneconomic reasons, such as illness or holiday, and those absent from work for the entire reference week. These groups are not shown separately.

<sup>2</sup> For all years, total includes those who usually work less than 35 hours a week but who were absent from work for the entire reference week and for 1994 and later years, those who

worked 35 or more hours during the reference week. These groups are not shown separately.

<sup>3</sup> The comparability of historical labor force data has been affected at various times by methodological and conceptual changes in the Current Population Survey (CPS). For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly BLS periodical.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 17. Average weekly hours at work in all industries and in nonagricultural industries by sex, 1976-2002 annual averages

Year	All industries			Nonagricultural industries		
	Total	Women	Men	Total	Women	Men
1976.....	38.7	34.1	41.7	38.4	34.1	41.4
1977.....	38.8	34.2	41.9	38.5	34.2	41.6
1978.....	39.0	34.5	42.1	38.7	34.4	41.8
1979.....	38.9	34.5	42.0	38.6	34.4	41.7
1980.....	38.5	34.5	41.5	38.3	34.4	41.2
1981.....	38.1	34.1	41.1	37.9	34.1	40.7
1982.....	38.0	34.1	40.9	37.7	34.0	40.6
1983.....	38.3	34.5	41.2	38.1	34.4	41.0
1984.....	38.8	34.9	41.8	38.6	34.9	41.5
1985.....	39.0	35.2	42.0	38.9	35.2	41.8
1986.....	39.1	35.4	42.1	38.9	35.3	41.9
1987.....	39.0	35.3	42.0	38.8	35.3	41.8
1988.....	39.4	35.7	42.4	39.3	35.7	42.2
1989.....	39.6	35.8	42.6	39.4	35.8	42.4
1990.....	39.4	35.8	42.3	39.3	35.8	42.1
1991.....	39.2	35.8	42.0	39.1	35.8	41.9
1992.....	38.9	35.6	41.7	38.8	35.6	41.6
1993.....	39.4	36.0	42.2	39.3	36.0	42.1
1994.....	39.2	35.5	42.2	39.1	35.6	42.1
1995.....	39.3	35.6	42.3	39.2	35.7	42.2
1996.....	39.3	35.7	42.3	39.2	35.7	42.2
1997.....	39.5	36.0	42.4	39.4	36.0	42.3
1998.....	39.3	35.8	42.2	39.2	35.9	42.2
1999.....	39.6	36.2	42.4	39.5	36.2	42.4
2000.....	39.7	36.4	42.5	39.7	36.5	42.5
2001.....	39.2	36.1	41.9	39.2	36.1	41.9
2002.....	39.2	36.0	41.8	39.1	36.1	41.8

NOTE: Data for 1994 and later years are not directly comparable with data for 1993 and earlier years due to the introduction of a major redesign of the CPS questionnaire and collection methodology.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 18. **Work experience of the population by sex and full- and part-time status, selected years, 1970-2001**

(Percent distribution)

Year	Population (in thousands)	With work experience		With work experience						
		Total (in thousands)	Percent of population	Total	Usually work full time			Usually work part time		
					Total	50 to 52 weeks	1 to 49 weeks	Total	50 to 52 weeks	1 to 49 weeks
<b>Total, both sexes</b>										
1970.....	138,953	93,850	67.5	100.0	79.4	55.6	23.8	20.6	6.7	13.9
1975.....	153,180	102,603	67.0	100.0	78.9	54.3	24.6	21.2	7.5	13.7
1980.....	169,452	115,752	68.3	100.0	78.5	56.1	22.4	21.4	7.7	13.7
1985.....	179,944	123,466	68.6	100.0	78.2	58.7	19.5	21.9	8.3	13.6
1990.....	189,238	132,562	70.1	100.0	78.8	60.4	18.4	21.3	8.7	12.6
1995.....	199,925	138,971	69.5	100.0	78.6	62.9	15.7	21.3	9.1	12.2
2000.....	214,292	150,787	70.4	100.0	80.4	66.7	13.7	19.5	9.3	10.2
2001.....	216,788	150,286	69.3	100.0	80.6	66.3	14.3	19.4	9.3	10.1
<b>Women</b>										
1970.....	73,657	38,809	52.7	100.0	67.9	40.7	27.2	32.2	10.1	22.1
1975.....	80,834	43,511	53.8	100.0	67.1	41.4	25.7	32.8	11.7	21.1
1980.....	89,259	51,492	57.7	100.0	67.7	44.7	23.0	32.3	11.9	20.4
1985.....	94,490	56,165	59.4	100.0	68.1	48.9	19.2	31.8	12.3	19.5
1990.....	98,970	61,494	62.1	100.0	69.8	51.5	18.3	30.2	12.8	17.4
1995.....	104,058	65,304	62.8	100.0	70.2	54.3	15.9	29.7	13.3	16.4
2000.....	111,440	71,341	64.0	100.0	72.9	58.4	14.5	27.1	13.4	13.7
2001.....	112,626	70,986	63.0	100.0	72.9	58.6	14.3	27.1	13.7	13.4
<b>Men</b>										
1970.....	65,296	55,041	84.3	100.0	87.6	66.1	21.5	12.4	4.4	8.0
1975.....	72,346	59,091	81.7	100.0	87.5	63.8	23.7	12.5	4.4	8.1
1980.....	80,193	64,260	80.1	100.0	87.2	65.2	22.0	12.8	4.4	8.4
1985.....	85,454	67,301	78.8	100.0	86.5	66.8	19.7	13.5	4.8	8.7
1990.....	90,269	71,068	78.7	100.0	86.4	68.0	18.4	13.5	5.1	8.4
1995.....	95,867	73,667	76.8	100.0	86.2	70.6	15.6	13.9	5.5	8.4
2000.....	102,853	79,446	77.2	100.0	87.5	74.2	13.3	12.6	5.5	7.1
2001.....	104,162	79,300	76.1	100.0	87.4	73.2	14.2	12.4	5.4	7.0

NOTE: See Technical Note for an explanation of the work experience concept.

SOURCE: Annual Social and Economic Supplements, 1971-2002, Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 19. Married-couple families by number and relationship of earners, 1967-2001

(Numbers in thousands)

Year	Married-couple families										
	Total	No earners	One earner				Two earners or more				
			Total	Husband only	Wife only	Other family member	Total	Husband and wife	Husband and other family member	Wife and other family member	Husband and wife are not earners
1967.....	43,292	2,943	16,490	15,429	716	345	23,859	18,888	4,639	-	-
1968.....	43,842	2,888	16,375	15,310	730	335	24,579	19,743	4,522	-	-
1969.....	44,436	3,022	16,268	15,133	797	339	25,145	20,327	4,517	-	-
1970.....	44,832	3,252	16,117	14,931	867	320	25,464	20,510	4,622	-	-
1971.....	45,939	3,471	16,847	15,502	1,004	340	25,621	20,641	4,651	-	-
1972.....	46,594	3,632	16,787	15,387	1,003	398	26,175	21,279	4,553	-	-
1973.....	47,185	4,027	16,080	14,547	1,110	423	27,078	22,152	4,535	-	-
1974.....	47,438	4,325	15,795	14,122	1,216	457	27,319	22,451	4,442	-	-
1975.....	47,878	4,943	16,217	14,343	1,394	481	26,717	22,338	3,861	-	-
1976.....	48,150	4,962	15,630	13,690	1,424	516	27,559	23,104	3,829	-	-
1977.....	48,131	5,177	15,119	13,153	1,456	512	27,835	23,474	3,812	-	-
1978.....	48,532	5,226	14,456	12,434	1,509	513	28,850	24,655	3,609	-	-
1979.....	49,132	5,559	13,912	11,934	1,499	480	29,660	25,595	3,476	-	-
1980.....	49,316	5,903	13,900	11,621	1,707	573	29,513	25,557	3,380	-	-
1981.....	49,669	6,213	13,832	11,524	1,680	628	29,624	25,729	3,212	-	-
1982.....	49,947	6,427	14,235	11,575	2,048	613	29,285	25,387	3,149	-	-
1983.....	50,134	6,549	13,692	11,100	1,944	647	29,893	26,119	2,996	-	-
1984.....	50,395	6,630	12,952	10,472	1,852	628	30,814	27,035	2,891	-	-
1985.....	50,978	6,693	12,961	10,406	1,897	658	31,324	27,787	2,764	-	-
1986.....	51,574	6,731	12,565	9,984	1,917	664	32,278	28,811	2,730	-	-
1987.....	51,847	6,741	12,435	9,787	1,946	702	32,671	29,369	2,576	-	-
1988.....	52,149	6,754	11,876	9,463	1,777	636	33,519	30,536	2,303	532	148
1989.....	52,385	6,812	11,748	9,212	1,840	695	33,825	30,879	2,373	435	138
1990.....	52,241	6,770	11,630	9,107	1,826	698	33,841	30,829	2,369	479	164
1991.....	52,549	7,091	11,523	8,873	1,993	657	33,935	31,049	2,161	527	197
1992.....	53,254	7,256	11,977	9,114	2,145	718	34,021	31,268	1,940	624	199
1993.....	53,248	7,282	11,842	8,745	2,411	687	34,123	31,302	2,051	614	156
1994.....	53,929	7,227	11,774	8,719	2,374	681	34,928	32,125	2,048	603	151
1995.....	53,621	7,278	11,739	8,821	2,253	664	34,604	32,061	1,878	539	127
1996.....	53,654	7,148	11,556	8,671	2,214	671	34,950	32,406	1,899	522	123
1997.....	54,362	7,289	11,728	8,792	2,302	634	35,345	32,764	1,853	569	158
1998.....	54,829	7,257	12,279	9,198	2,419	662	35,293	32,810	1,726	616	141
1999.....	55,352	7,163	12,328	9,093	2,595	640	35,861	33,360	1,815	519	167
2000.....	56,643	7,463	12,717	9,515	2,601	600	36,463	33,892	1,865	566	139
2001.....	56,798	7,666	12,907	9,621	2,698	588	36,224	33,696	1,898	501	129

See note at end of table.

Table 19. Married-couple families by number and relationship of earners, 1967-2001—Continued

(Percent distribution)

Year	Married-couple families										
	Total	No earners	One earner				Two earners or more				
			Total	Husband only	Wife only	Other family member	Total	Husband and wife	Husband and other family member	Wife and other family member	Husband and wife are not earners
1967.....	100.0	6.8	38.1	35.6	1.7	0.8	55.1	43.6	10.7	-	-
1968.....	100.0	6.6	37.4	34.9	1.7	.8	56.1	45.0	10.3	-	-
1969.....	100.0	6.8	36.6	34.1	1.8	.8	56.6	45.7	10.2	-	-
1970.....	100.0	7.3	35.9	33.3	1.9	.7	56.8	45.7	10.3	-	-
1971.....	100.0	7.6	36.7	33.7	2.2	.7	55.8	44.9	10.1	-	-
1972.....	100.0	7.8	36.0	33.0	2.2	.9	56.2	45.7	9.8	-	-
1973.....	100.0	8.5	34.1	30.8	2.4	.9	57.4	46.9	9.6	-	-
1974.....	100.0	9.1	33.3	29.8	2.6	1.0	57.6	47.3	9.4	-	-
1975.....	100.0	10.3	33.9	30.0	2.9	1.0	55.8	46.7	8.1	-	-
1976.....	100.0	10.3	32.5	28.4	3.0	1.1	57.2	48.0	8.0	-	-
1977.....	100.0	10.8	31.4	27.3	3.0	1.1	57.8	48.8	7.9	-	-
1978.....	100.0	10.8	29.8	25.6	3.1	1.1	59.4	50.8	7.4	-	-
1979.....	100.0	11.3	28.3	24.3	3.1	1.0	60.4	52.1	7.1	-	-
1980.....	100.0	12.0	28.2	23.6	3.5	1.2	59.8	51.8	6.9	-	-
1981.....	100.0	12.5	27.8	23.2	3.4	1.3	59.6	51.8	6.5	-	-
1982.....	100.0	12.9	28.5	23.2	4.1	1.2	58.6	50.8	6.3	-	-
1983.....	100.0	13.1	27.3	22.1	3.9	1.3	59.6	52.1	6.0	-	-
1984.....	100.0	13.2	25.7	20.8	3.7	1.2	61.1	53.6	5.7	-	-
1985.....	100.0	13.1	25.4	20.4	3.7	1.3	61.4	54.5	5.4	-	-
1986.....	100.0	13.1	24.4	19.4	3.7	1.3	62.6	55.9	5.3	-	-
1987.....	100.0	13.0	24.0	18.9	3.8	1.4	63.0	56.6	5.0	-	-
1988.....	100.0	13.0	22.8	18.1	3.4	1.2	64.3	58.6	4.4	1.0	0.3
1989.....	100.0	13.0	22.4	17.6	3.5	1.3	64.6	58.9	4.5	.8	.3
1990.....	100.0	13.0	22.3	17.4	3.5	1.3	64.8	59.0	4.5	.9	.3
1991.....	100.0	13.5	21.9	16.9	3.8	1.3	64.6	59.1	4.1	1.0	.4
1992.....	100.0	13.6	22.5	17.1	4.0	1.3	63.9	58.7	3.6	1.2	.4
1993.....	100.0	13.7	22.2	16.4	4.5	1.3	64.1	58.8	3.9	1.2	.3
1994.....	100.0	13.4	21.8	16.2	4.4	1.3	64.8	59.6	3.8	1.1	.3
1995.....	100.0	13.6	21.9	16.5	4.2	1.2	64.5	59.8	3.5	1.0	.2
1996.....	100.0	13.3	21.5	16.2	4.1	1.3	65.1	60.4	3.5	1.0	.2
1997.....	100.0	13.4	21.6	16.2	4.2	1.2	65.0	60.3	3.4	1.0	.3
1998.....	100.0	13.2	22.4	16.8	4.4	1.2	64.4	59.8	3.1	1.1	.3
1999.....	100.0	12.9	22.3	16.4	4.7	1.2	64.8	60.3	3.3	.9	.3
2000.....	100.0	13.2	22.5	16.8	4.6	1.1	64.4	59.8	3.3	1.0	.2
2001.....	100.0	13.5	22.7	16.9	4.8	1.0	63.8	59.3	3.3	.9	.2

NOTE: These data, collected in the Annual Social and Economic Supplement, reflect the earnings and work experience of the entire year.

SOURCE: Annual Social and Economic Supplement 1968-2002 Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 20. **Contribution of wives' earnings to family income, 1970-2001**

Year	Contribution to family income (median percent)
1970.....	26.6
1971.....	27.5
1972.....	26.7
1973.....	26.0
1974.....	25.4
1975.....	26.3
1976.....	26.4
1977.....	26.1
1978.....	26.1
1979.....	26.0
1980.....	26.7
1981.....	27.3
1982.....	28.4
1983.....	28.8
1984.....	28.4
1985.....	28.3
1986.....	29.0
1987.....	29.5
1988.....	29.6
1989.....	29.9
1990.....	30.7
1991.....	31.3
1992.....	32.4
1993.....	32.2
1994.....	31.9
1995.....	31.9
1996.....	32.6
1997.....	32.7
1998.....	32.8
1999.....	32.8
2000.....	33.5
2001.....	34.4

SOURCE: Data from the Annual Social and Economic Supplements to the Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 21. **Wives who earn more than their husbands, 1987-2001**

(Numbers in thousands)

Year	Families in which wives have earnings but husbands may not			Families in which both wives and husbands have earnings		
	Married-couple families in which wife (but not necessarily husband) had earnings from work	Wives who earn more than their husbands <sup>1</sup>	Percent of wives who earn more than their husbands <sup>1</sup>	Married-couple families in which both wife and husband had earnings from work	Wives who earn more than their husbands <sup>2</sup>	Percent of wives who earn more than their husbands <sup>2</sup>
1987.....	32,025	7,581	23.7	29,755	5,311	17.8
1988.....	32,810	7,827	23.9	30,503	5,520	18.1
1989.....	33,119	8,068	24.4	30,848	5,796	18.8
1990.....	33,093	8,221	24.8	30,794	5,923	19.2
1991.....	33,516	8,983	26.8	30,998	6,465	20.9
1992.....	33,987	9,715	28.6	31,221	6,948	22.3
1993.....	34,286	10,000	29.2	31,264	6,978	22.3
1994.....	35,066	10,184	29.0	32,091	7,209	22.5
1995.....	34,819	9,822	28.2	32,030	7,033	22.0
1996.....	35,120	10,070	28.7	32,389	7,340	22.7
1997.....	35,613	10,309	28.9	32,745	7,441	22.7
1998.....	35,806	10,467	29.2	32,782	7,443	22.7
1999.....	36,454	10,548	28.9	33,340	7,434	22.3
2000.....	37,037	11,070	29.9	33,873	7,906	23.3
2001.....	36,864	11,329	30.7	33,665	8,130	24.1

<sup>1</sup> Includes families in which husband had no earnings from work.

<sup>2</sup> Excludes families in which husband had no earnings from work.

NOTE: These data, collected in the Annual Social and

Economic Supplement, reflect the earnings and work experience of the entire year.

SOURCE: Annual Social and Economic Supplements, 1988-2002, Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 22. Wage and salary workers paid hourly rates with earnings at or below the prevailing Federal minimum wage by selected characteristics, 2002 annual averages

(Numbers in thousands)

Characteristic	Workers paid hourly rates				
	Total	Total at or below prevailing minimum wage			
		Total	Percent of hourly paid workers	At prevailing Federal minimum wage	Below prevailing Federal minimum wage
<b>Sex and age</b>					
Total, 16 years and over.....	72,720	2,168	3.0	570	1,598
16 to 24 years.....	16,191	1,158	7.2	340	818
25 years and over.....	56,529	1,010	1.8	230	780
Women, 16 years and over.....	36,585	1,368	3.7	352	1,016
16 to 24 years.....	7,949	705	8.9	194	511
25 years and over.....	28,636	663	2.3	158	505
Men, 16 years and over.....	36,135	800	2.2	218	582
16 to 24 years.....	8,242	453	5.5	146	307
25 years and over.....	27,893	347	1.2	72	275
<b>Race and Hispanic origin</b>					
White, 16 years and over.....	59,199	1,781	3.0	452	1,329
Women.....	29,370	1,155	3.9	290	865
Men.....	29,829	626	2.1	162	464
Black, 16 years and over.....	9,692	276	2.8	89	187
Women.....	5,224	147	2.8	45	102
Men.....	4,469	129	2.9	44	85
Hispanic origin, 16 years and over.....	11,206	305	2.7	110	195
Women.....	4,582	162	3.5	64	98
Men.....	6,624	144	2.2	47	97
<b>Full- and part-time status<sup>1</sup></b>					
Full-time workers.....	55,029	851	1.5	169	682
Women.....	24,557	483	2.0	87	396
Men.....	30,472	367	1.2	82	285
Part-time workers.....	17,568	1,309	7.5	401	908
Women.....	11,969	879	7.3	265	614
Men.....	5,599	430	7.7	136	294

<sup>1</sup> The distinction between full- and part-time workers is based on hours usually worked. These data will not sum to totals because full- or part-time status on the principal job is not identifiable for a small number of multiple jobholders.

NOTE: The prevailing Federal minimum wage was \$5.15 per hour in 2002. Data are for wage and salary workers, excluding the incorporated self-employed. They refer to a person's earnings on his or her sole or principal job, and pertain only to workers who are paid hourly rates. Salaried workers and other nonhourly workers are not included. The presence of workers with hourly earnings below the minimum wage does not necessarily indicate violations of

the Fair Labor Standards Act, as there are exceptions to the minimum wage provisions of the law. In addition, some survey respondents might have rounded hourly earnings to the nearest dollar, and, as a result, reported hourly earnings below the minimum wage even though they earned the minimum wage or higher. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented, and Hispanics are included in both the white and black population groups.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 23. Working poor: Poverty status of persons in the labor force for 27 weeks or more by age, sex, race, and Hispanic origin, 2001

(Numbers in thousands)

Sex and age	Total				Below poverty level				Poverty rate <sup>1</sup>			
	Total	White	Black	Hispanic origin	Total	White	Black	Hispanic origin	Total	White	Black	Hispanic origin
Total, 16 years and older.....	138,143	114,874	15,657	16,463	6,802	4,906	1,503	1,659	4.9	4.3	9.6	10.1
16 to 19 years.....	4,848	4,136	519	710	506	362	121	102	10.4	8.8	23.3	14.3
20 to 24 years.....	13,011	10,667	1,648	2,350	1,292	934	282	254	9.9	8.8	17.1	10.8
25 to 34 years.....	31,307	25,314	3,966	5,349	1,988	1,432	474	607	6.3	5.7	11.9	11.3
35 to 44 years.....	36,368	29,874	4,399	4,229	1,581	1,134	336	441	4.3	3.8	7.6	10.4
45 to 54 years.....	32,128	27,034	3,363	2,530	922	660	190	173	2.9	2.4	5.6	6.8
55 to 64 years.....	16,008	13,902	1,386	1,081	443	339	78	70	2.8	2.4	5.6	6.5
65 years and older.....	4,473	3,948	377	215	70	45	23	12	1.6	1.1	6.2	5.6
Women, 16 years and older..	63,827	51,976	8,363	6,677	3,526	2,344	983	667	5.5	4.5	11.8	10.0
16 to 19 years.....	2,365	2,017	258	305	274	192	68	43	11.6	9.5	26.5	14.0
20 to 24 years.....	6,157	4,958	886	898	747	517	197	101	12.1	10.4	22.3	11.3
25 to 34 years.....	14,059	11,028	2,122	1,999	1,035	657	337	230	7.4	6.0	15.9	11.5
35 to 44 years.....	16,757	13,384	2,389	1,728	799	518	216	166	4.8	3.9	9.1	9.6
45 to 54 years.....	15,179	12,562	1,790	1,182	421	276	112	91	2.8	2.2	6.3	7.7
55 to 64 years.....	7,409	6,357	736	479	212	160	37	31	2.9	2.5	5.0	6.5
65 years and older.....	1,900	1,669	181	85	38	24	14	4	2.0	1.4	7.9	5.2
Men, 16 years and older.....	74,316	62,899	7,295	9,787	3,275	2,562	520	992	4.4	4.1	7.1	10.1
16 to 19 years.....	2,483	2,119	261	405	232	170	53	59	9.4	8.0	20.2	14.5
20 to 24 years.....	6,854	5,708	761	1,451	545	417	85	153	7.9	7.3	11.1	10.6
25 to 34 years.....	17,248	14,286	1,843	3,350	953	775	137	377	5.5	5.4	7.4	11.3
35 to 44 years.....	19,611	16,490	2,010	2,501	782	616	119	275	4.0	3.7	5.9	11.0
45 to 54 years.....	16,949	14,471	1,572	1,348	501	384	77	81	3.0	2.7	4.9	6.0
55 to 64 years.....	8,599	7,545	651	602	231	179	41	39	2.7	2.4	6.3	6.5
65 years and older.....	2,572	2,279	196	129	32	21	9	8	1.2	0.9	4.5	5.9

<sup>1</sup> Number below the poverty level in the labor force for 27 weeks or more as a percent of the total in the labor force for 27 weeks or more.

and Hispanics are included in both the white and black population groups.

NOTE: Detail for race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented

SOURCE: Annual Social and Economic Supplement, Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 24. Percent distribution of employed persons by age, sex, and contingent and noncontingent status, February 2001

(Numbers in thousands)

Age and sex	Total employed	Contingent workers <sup>1</sup>			Noncontingent workers <sup>1</sup>
		Estimate 1	Estimate 2	Estimate 3	
Total, 16 years and over.....	134,605	1.7	2.2	4.0	96.0
16 to 19 years.....	6,597	6.3	6.7	9.1	91.0
20 to 24 years.....	13,259	4.6	4.9	7.9	92.1
25 to 34 years.....	30,079	1.8	2.3	4.0	96.0
35 to 44 years.....	36,740	0.9	1.5	3.0	97.0
45 to 54 years.....	29,946	0.8	1.3	2.8	97.2
55 to 64 years.....	13,955	0.8	1.2	2.8	97.2
65 years and over.....	4,029	1.2	1.7	4.9	95.1
Women, 16 years and over.....	63,229	1.8	2.4	4.2	95.8
16 to 19 years.....	3,277	7.5	7.9	10.7	89.3
20 to 24 years.....	6,481	4.6	5.0	7.9	92.1
25 to 34 years.....	13,844	1.5	2.3	4.0	96.0
35 to 44 years.....	17,071	1.1	1.7	3.2	96.8
45 to 54 years.....	14,379	0.9	1.4	2.9	97.1
55 to 64 years.....	6,506	0.9	1.3	3.2	96.9
65 years and over.....	1,671	1.1	1.7	5.9	94.1
Men, 16 years and over.....	71,376	1.6	2.1	3.8	96.2
16 to 19 years.....	3,320	5.1	5.6	7.4	92.6
20 to 24 years.....	6,778	4.7	4.7	7.8	92.2
25 to 34 years.....	16,235	2.0	2.3	4.1	95.9
35 to 44 years.....	19,668	0.8	1.3	2.7	97.3
45 to 54 years.....	15,567	0.7	1.3	2.7	97.3
55 to 64 years.....	7,449	0.8	1.1	2.5	97.5
65 years and over.....	2,358	1.2	1.7	4.2	95.8

<sup>1</sup> Contingent workers are those who do not have an implicit or explicit contract for ongoing employment. Persons who do not expect to continue in their jobs for personal reasons, such as retirement or returning to school, are not considered contingent workers, provided that they would have the option of continuing in the job were it not for these personal reasons. Estimate 1 includes wage and salary workers who expect their jobs will last for an additional year or less and who had worked at their jobs for 1 year or less. Estimate 2 includes wage and salary workers, the self-employed, and independent contractors who expect their employment to

last for an additional year or less and who had worked at their jobs (or been self-employed) for 1 year or less. Estimate 3 includes all workers who do not expect their jobs to last. This is the broadest definition of contingency, and estimates 1 and 2 of contingency are included in estimate 3. Noncontingent workers are those workers who do not fall into any of the three definitions of contingency.

SOURCE: Contingent and alternative work arrangements supplement to the Current Population Survey, February 2001, U.S. Department of Labor, Bureau of Labor Statistics

Table 25. Percent distribution of employed persons by age, sex, and alternative work arrangements, February 2001

Age and sex	Total employed (in thousands)	Total	Percent of workers with alternative arrangements <sup>1</sup>				Workers with traditional arrangements
			Independent contractors	On-call workers	Temporary help agency workers	Workers provided by contract firms	
Total, 16 years and over.....	134,605	100.0	6.4	1.6	0.9	0.5	90.6
16 to 19 years.....	6,597	100.0	1.6	3.1	.6	.1	94.2
20 to 24 years.....	13,259	100.0	1.8	2.3	1.7	.5	93.2
25 to 34 years.....	30,079	100.0	4.4	1.2	1.0	.5	92.8
35 to 44 years.....	36,740	100.0	6.8	1.5	.8	.5	90.3
45 to 54 years.....	29,946	100.0	8.0	1.2	.6	.5	89.6
55 to 64 years.....	13,955	100.0	9.7	1.4	.9	.3	87.6
65 years and over.....	4,029	100.0	16.9	3.0	.4	.7	79.3
Women, 16 years and over.....	63,229	100.0	4.8	1.6	1.1	.3	92.1
16 to 19 years.....	3,277	100.0	1.3	3.7	.8	-	94.0
20 to 24 years.....	6,481	100.0	1.8	2.0	2.1	.2	93.6
25 to 34 years.....	13,844	100.0	3.9	.8	1.3	.2	93.7
35 to 44 years.....	17,071	100.0	5.0	1.7	.8	.3	92.2
45 to 54 years.....	14,379	100.0	6.0	1.3	.8	.5	91.2
55 to 64 years.....	6,506	100.0	6.9	1.4	1.3	.1	90.3
65 years and over.....	1,671	100.0	11.3	2.6	.7	.8	84.9
Men, 16 years and over.....	71,376	100.0	7.8	1.6	.7	.6	89.2
16 to 19 years.....	3,320	100.0	1.8	2.5	.5	.2	94.5
20 to 24 years.....	6,778	100.0	1.8	2.6	1.2	.8	92.8
25 to 34 years.....	16,235	100.0	4.8	1.5	.8	.7	92.0
35 to 44 years.....	19,668	100.0	8.3	1.3	.8	.7	88.8
45 to 54 years.....	15,567	100.0	9.9	1.2	.3	.5	88.0
55 to 64 years.....	7,449	100.0	12.2	1.3	.6	.5	85.3
65 years and over.....	2,358	100.0	20.8	3.2	.3	.6	75.3

<sup>1</sup> Independent contractors are workers who were identified as independent contractors, independent consultants, or freelance workers, whether they were self-employed or wage and salary workers. On-call workers are workers who are called to work only as needed, although they can be scheduled to work for several days or weeks in a row. Temporary help agency workers are

workers who were paid by a temporary help agency, whether or not their job was temporary. Workers provided by contract firms are workers who are employed by a company that provides them or their services to others under contract and who are usually assigned to only one customer and usually work at the customer's worksite.

Table 26. Flexible schedules: Full-time wage and salary workers by selected characteristics, May 2001

(Numbers in thousands)

Characteristic	Both sexes			Women			Men		
	Total <sup>1</sup>	With flexible schedules <sup>2</sup>		Total <sup>1</sup>	With flexible schedules <sup>2</sup>		Total <sup>1</sup>	With flexible schedules <sup>2</sup>	
		Number	Percent of total		Number	Percent of total		Number	Percent of total
<b>Age</b>									
Total 16 years and over.....	99,631	28,724	28.8	43,566	11,931	27.4	56,066	16,792	30.0
16 to 19 years.....	1,761	339	19.2	773	171	22.2	988	167	16.9
20 years and over.....	97,871	28,385	29.0	42,793	11,760	27.5	55,078	16,625	30.2
20 to 24 years.....	9,343	2,327	24.9	4,124	1,124	27.2	5,219	1,203	23.0
25 to 34 years.....	24,552	7,434	30.3	10,494	3,064	29.2	14,058	4,370	31.1
35 to 44 years.....	28,702	8,578	29.9	12,180	3,458	28.4	16,522	5,120	31.0
45 to 54 years.....	23,946	6,990	29.2	11,044	2,958	26.8	12,902	4,032	31.2
55 to 64 years.....	9,971	2,633	26.4	4,440	1,043	23.5	5,531	1,590	28.8
65 years and over.....	1,357	423	31.2	510	112	22.0	847	311	36.7
16 to 24 years.....	11,104	2,665	24.0	4,897	1,295	26.4	6,206	1,370	22.1
25 to 54 years.....	77,200	23,002	29.8	33,718	9,481	28.1	43,482	13,521	31.1
55 years and over.....	11,328	3,056	27.0	4,950	1,155	23.3	6,377	1,901	29.8
<b>Race and Hispanic origin</b>									
White.....	82,205	24,647	30.0	34,707	9,913	28.6	47,498	14,734	31.0
Black.....	12,390	2,629	21.2	6,614	1,420	21.5	5,776	1,209	20.9
Hispanic origin.....	11,919	2,356	19.8	4,614	1,011	21.9	7,305	1,344	18.4
<b>Marital status</b>									
Married, spouse present.....	57,728	17,264	29.9	22,789	6,032	26.5	34,939	11,231	32.1
Never married.....	24,877	6,817	27.4	10,847	3,081	28.4	14,030	3,736	26.6
Other marital status.....	17,026	4,643	27.3	9,930	2,818	28.4	7,096	1,825	25.7
<b>Presence and age of children</b>									
With no own children under 18.....	60,026	16,927	28.2	26,461	7,306	27.6	33,565	9,621	28.7
With own children under 18.....	39,605	11,796	29.8	17,105	4,625	27.0	22,500	7,171	31.9
With own children 6 to 17.....	22,697	6,648	29.3	10,737	2,813	26.2	11,960	3,836	32.1
With own children under 6.....	16,908	5,148	30.4	6,368	1,812	28.5	10,540	3,336	31.6

<sup>1</sup> Includes persons who did not provide information on flexible schedules.

<sup>2</sup> Persons with flexible schedules are able to vary or make changes in their beginning and ending hours of work, whether or not they have a formal flexitime program on their job.

NOTE: Data relate to the sole or principal job of full-time wage and salary workers who were at work during the survey reference week and exclude all self-employed persons, regardless of whether or not their businesses were incorporated. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented, and Hispanics are included in both the white and black population groups.

Own children include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children. Data reflect revised population controls used in the Current Population Survey effective with the January 1997 estimates.

SOURCE: May 2001 Flexible schedules and Shift Work supplement to the Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 26. Flexible schedules: Full-time wage and salary workers by selected characteristics, May 2001

(Numbers in thousands)

Characteristic	Both sexes			Women			Men		
	Total <sup>1</sup>	With flexible schedules <sup>2</sup>		Total <sup>1</sup>	With flexible schedules <sup>2</sup>		Total <sup>1</sup>	With flexible schedules <sup>2</sup>	
		Number	Percent of total		Number	Percent of total		Number	Percent of total
<b>Age</b>									
Total 16 years and over.....	99,631	28,724	28.8	43,566	11,931	27.4	56,066	16,792	30.0
16 to 19 years.....	1,761	339	19.2	773	171	22.2	988	167	16.9
20 years and over.....	97,871	28,385	29.0	42,793	11,760	27.5	55,078	16,625	30.2
20 to 24 years.....	9,343	2,327	24.9	4,124	1,124	27.2	5,219	1,203	23.0
25 to 34 years.....	24,552	7,434	30.3	10,494	3,064	29.2	14,058	4,370	31.1
35 to 44 years.....	28,702	8,578	29.9	12,180	3,458	28.4	16,522	5,120	31.0
45 to 54 years.....	23,946	6,990	29.2	11,044	2,958	26.8	12,902	4,032	31.2
55 to 64 years.....	9,971	2,633	26.4	4,440	1,043	23.5	5,531	1,590	28.8
65 years and over.....	1,357	423	31.2	510	112	22.0	847	311	36.7
16 to 24 years.....	11,104	2,665	24.0	4,897	1,295	26.4	6,206	1,370	22.1
25 to 54 years.....	77,200	23,002	29.8	33,718	9,481	28.1	43,482	13,521	31.1
55 years and over.....	11,328	3,056	27.0	4,950	1,155	23.3	6,377	1,901	29.8
<b>Race and Hispanic origin</b>									
White.....	82,205	24,647	30.0	34,707	9,913	28.6	47,498	14,734	31.0
Black.....	12,390	2,629	21.2	6,614	1,420	21.5	5,776	1,209	20.9
Hispanic origin.....	11,919	2,356	19.8	4,614	1,011	21.9	7,305	1,344	18.4
<b>Marital status</b>									
Married, spouse present.....	57,728	17,264	29.9	22,789	6,032	26.5	34,939	11,231	32.1
Never married.....	24,877	6,817	27.4	10,847	3,081	28.4	14,030	3,736	26.6
Other marital status.....	17,026	4,643	27.3	9,930	2,818	28.4	7,096	1,825	25.7
<b>Presence and age of children</b>									
With no own children under 18.....	60,026	16,927	28.2	26,461	7,306	27.6	33,565	9,621	28.7
With own children under 18.....	39,605	11,796	29.8	17,105	4,625	27.0	22,500	7,171	31.9
With own children 6 to 17.....	22,697	6,648	29.3	10,737	2,813	26.2	11,960	3,836	32.1
With own children under 6.....	16,908	5,148	30.4	6,368	1,812	28.5	10,540	3,336	31.6

<sup>1</sup> Includes persons who did not provide information on flexible schedules.

<sup>2</sup> Persons with flexible schedules are able to vary or make changes in their beginning and ending hours of work, whether or not they have a formal flexitime program on their job.

NOTE: Data relate to the sole or principal job of full-time wage and salary workers who were at work during the survey reference week and exclude all self-employed persons, regardless of whether or not their businesses were incorporated. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented, and Hispanics are included in both the white and black population groups.

Own children include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children. Data reflect revised population controls used in the Current Population Survey effective with the January 1997 estimates.

SOURCE: May 2001 Flexible schedules and Shift Work supplement to the Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 27. **Job-related work at home on primary job: All workers by marital status, presence and age of children, sex, and pay status, May 2001**

(Numbers in thousands)

Characteristic	Total employed <sup>3</sup>	Persons who usually worked at home <sup>1</sup>					
		Total	Rate	Percent distribution by class of worker <sup>2</sup>			
				Wage and salary		Self-employed <sup>4</sup>	
				Paid	Unpaid		
<b>Total</b>							
Total, 16 years and over.....	131,803	19,759	15.0	17.4	52.0	29.7	
Married, spouse present.....	75,248	13,916	18.5	16.9	51.1	30.9	
Not married.....	56,555	5,843	10.3	18.6	54.2	26.7	
Never married.....	35,196	3,086	8.8	19.8	60.0	19.6	
Other marital status.....	21,358	2,757	12.9	17.2	47.6	34.7	
With own children under 18.....	50,744	8,638	17.0	19.6	51.6	27.9	
With own children under 6.....	21,517	3,580	16.6	21.8	49.9	27.2	
With no own children under 18.....	81,059	11,121	13.7	15.7	52.3	31.0	
<b>Women</b>							
Total, 16 years and over.....	62,144	9,468	15.2	18.9	53.7	26.5	
Married, spouse present.....	33,095	6,300	19.0	18.6	51.2	29.1	
Not married.....	29,049	3,168	10.9	19.7	58.6	21.3	
Never married.....	16,253	1,516	9.3	19.7	67.3	12.6	
Other marital status.....	12,796	1,652	12.9	19.6	50.6	29.3	
With own children under 18.....	24,710	4,111	16.6	21.6	50.0	27.4	
With own children under 6.....	9,699	1,705	17.6	24.8	43.1	30.7	
With no own children under 18.....	37,434	5,357	14.3	16.9	56.5	25.8	
<b>Men</b>							
Total, 16 years and over.....	69,659	10,291	14.8	16.0	50.5	32.6	
Married, spouse present.....	42,153	7,616	18.1	15.5	51.1	32.3	
Not married.....	27,506	2,675	9.7	17.3	48.9	33.2	
Never married.....	18,943	1,571	8.3	19.8	52.9	26.4	
Other marital status.....	8,562	1,104	12.9	13.7	43.2	42.8	
With own children under 18.....	26,034	4,527	17.4	17.7	53.1	28.4	
With own children under 6.....	11,818	1,875	15.9	19.1	56.1	23.9	
With no own children under 18.....	43,625	5,763	13.2	14.6	48.5	35.8	

<sup>1</sup> Persons who usually work at home are defined as those who work at home at least once per week as part of their primary job.

<sup>2</sup> Unpaid family workers and wage and salary workers who did not report pay status are included in total but not shown separately.

<sup>3</sup> Includes persons who did not provide information on work at home.

<sup>4</sup> Includes both the incorporated and unincorporated self-employed.

NOTE: Data refer to employed persons in nonagricultural industries. Own children include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children.

SOURCE: May 2001 Work at Home supplement to the Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 28. **Displaced workers<sup>1</sup> by age, sex, race, Hispanic origin, and employment status in January 2002**

(Numbers in thousands)

Age, sex, race, and Hispanic origin	Total	Percent distribution by employment status			
		Total	Employed	Unemployed	Not in the labor force
<b>Total</b>					
Total, 20 years and over.....	3,969	100.0	63.6	21.2	15.2
20 to 24 years.....	132	100.0	68.7	15.4	15.8
25 to 54 years.....	3,117	100.0	67.5	21.7	10.8
55 to 64 years.....	593	100.0	50.9	20.3	28.8
65 years and over.....	127	100.0	19.8	20.7	59.5
Women, 20 years and over.....	1,783	100.0	61.6	19.3	19.1
20 to 24 years.....	77	100.0	65.8	17.9	16.3
25 to 54 years.....	1,377	100.0	65.7	20.2	14.2
55 to 64 years.....	266	100.0	45.8	17.3	36.8
65 years and over.....	62	100.0	(2)	(2)	(2)
Men, 20 years and over.....	2,186	100.0	65.2	22.8	12.0
20 to 24 years.....	55	100.0	(2)	(2)	(2)
25 to 54 years.....	1,740	100.0	69.0	22.9	8.1
55 to 64 years.....	326	100.0	55.0	22.7	22.3
65 years and over.....	65	100.0	(2)	(2)	(2)
<b>White</b>					
Total, 20 years and over.....	3,351	100.0	64.7	20.8	14.5
Women.....	1,491	100.0	62.8	17.8	19.4
Men.....	1,861	100.0	66.2	23.2	10.5
<b>Black</b>					
Total, 20 years and over.....	474	100.0	57.7	22.3	20.0
Women.....	236	100.0	54.6	27.0	18.4
Men.....	238	100.0	60.7	17.7	21.6
<b>Hispanic origin</b>					
Total, 20 years and over.....	335	100.0	55.0	31.0	14.0
Women.....	177	100.0	55.0	30.6	14.4
Men.....	158	100.0	55.0	31.4	13.6

<sup>1</sup> Data refer to persons who had 3 or more years of tenure on a job they had lost or left between January 1999 and December 2001 because of plant or company closings or moves, insufficient work, or the abolishment of their positions or shifts.

<sup>2</sup> Data not shown where base is less than 75,000.

NOTE: Detail for the above race and Hispanic-origin

groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

SOURCE: January 2002 Displaced Worker supplement to the Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 29. Labor force status of 2001 high school graduates and 2000-01 high school dropouts 16 to 24 years old by school enrollment and sex, October 2001

(Numbers in thousands)

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Total, 2001 high school graduates.....</b>	2,545	1,522	59.8	1,252	49.2	270	17.7	1,024
Women.....	1,270	775	61.0	633	49.8	143	18.4	495
Men.....	1,275	746	58.5	619	48.6	127	17.0	529
Enrolled in college.....	1,569	735	46.8	630	40.1	105	14.3	834
Women.....	808	412	51.0	347	43.0	65	15.8	395
Men.....	762	323	42.4	283	37.1	40	12.5	439
Not enrolled in college.....	976	787	80.6	622	63.8	164	20.9	190
Women.....	463	363	78.5	286	61.7	77	21.3	100
Men.....	513	423	82.5	337	65.6	87	20.5	90
<b>Total, 2000-01 high school dropouts<sup>1</sup></b>	506	324	64.0	207	41.0	116	35.9	182
Women.....	207	126	60.6	77	37.2	48	38.6	82
Men.....	298	198	66.5	130	43.7	68	34.2	100

<sup>1</sup> Data refer to persons who dropped out of school between October 2000 and October 2001.

SOURCE: October 2001 Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

NOTE: Because of rounding, sums of individual items may not equal totals.

Table 30. Labor force status of persons 16 to 24 years old by school enrollment, sex, and educational attainment, October 2001

(Numbers in thousands)

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Enrolled in school.....</b>	18,949	9,047	47.7	8,174	43.1	873	9.6	9,902
Enrolled in high school <sup>1</sup> .....	8,990	3,326	37.0	2,863	31.8	463	13.9	5,664
Women.....	4,224	1,628	38.4	1,443	34.0	185	11.4	2,616
Men.....	4,747	1,699	35.8	1,420	29.9	278	16.4	3,048
Enrolled in college.....	9,958	5,721	57.4	5,311	53.3	410	7.2	4,238
Women.....	5,374	3,217	59.9	2,993	55.7	224	7.0	2,156
Men.....	4,585	2,503	54.6	2,317	50.5	186	7.4	2,081
<b>Not enrolled in school.....</b>	16,246	13,411	82.5	11,822	72.8	1,588	11.8	2,835
Women.....	7,932	6,037	76.1	5,347	67.4	690	11.4	1,895
Less than a high school diploma.....	1,623	967	59.6	736	45.3	231	23.9	656
High school graduate, no college.....	3,559	2,651	74.5	2,328	65.4	323	12.2	908
Less than a bachelor's degree.....	1,842	1,567	85.1	1,460	79.3	107	6.8	275
College graduate.....	907	852	93.9	823	90.7	29	3.4	55
Men.....	8,314	7,374	88.7	6,475	77.9	898	12.2	940
Less than a high school diploma.....	2,151	1,787	83.1	1,459	67.8	328	18.3	364
High school graduate, no college.....	3,836	3,386	88.3	2,969	77.4	417	12.3	450
Less than a bachelor's degree.....	1,675	1,580	94.3	1,473	87.9	107	6.8	95
College graduate.....	652	621	95.2	574	88.0	47	7.5	31

<sup>1</sup> Includes a small number of persons enrolled in grades below high school.

SOURCE: October 2001 Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

NOTE: Because of rounding, sums of individual items may not equal totals.

Table 31. **Multiple jobholders and multiple jobholding rates by sex and race, May of selected years, 1970-2002, not seasonally adjusted**

(Numbers in thousands)

Year	Total employed	Multiple jobholders				Multiple jobholding rate <sup>1</sup>				
		Total	Women		Men	Total	Women	Men	White	Black <sup>2</sup>
			Number	Percent of all multiple jobholders						
1970.....	78,358	4,048	636	15.7	3,412	5.2	2.2	7.0	5.3	4.4
1971.....	78,708	4,035	765	19.0	3,270	5.1	2.6	6.7	5.3	3.8
1972.....	81,224	3,770	735	19.5	3,035	4.6	2.4	6.0	4.8	3.7
1973.....	83,758	4,262	869	20.4	3,393	5.1	2.7	6.6	5.1	4.7
1974.....	85,786	3,889	867	22.3	3,022	4.5	2.6	5.8	4.6	3.8
1975.....	84,146	3,918	956	24.4	2,962	4.7	2.9	5.8	4.8	3.7
1976.....	87,278	3,948	911	23.1	3,037	4.5	2.6	5.8	4.7	2.8
1977.....	90,482	4,558	1,241	27.2	3,317	5.0	3.4	6.2	5.3	2.6
1978.....	93,904	4,493	1,281	28.5	3,212	4.8	3.3	5.8	5.0	3.1
1979.....	96,327	4,724	1,407	29.8	3,317	4.9	3.5	5.9	5.1	3.0
1980.....	96,809	4,759	1,549	32.5	3,210	4.9	3.8	5.8	5.1	3.2
1985.....	106,878	5,730	2,192	38.3	3,537	5.4	4.7	5.9	5.7	3.2
1989.....	117,084	7,225	3,109	43.0	4,115	6.2	5.9	6.4	6.5	4.3
1991.....	116,626	7,183	3,129	43.6	4,054	6.2	5.9	6.4	6.4	4.9
1994.....	122,946	7,316	3,343	45.7	3,973	6.0	5.9	6.0	6.1	4.9
1995.....	124,554	7,952	3,727	46.9	4,225	6.4	6.5	6.3	6.6	5.2
1996.....	126,391	7,846	3,494	44.5	4,352	6.2	6.0	6.4	6.4	5.1
1997.....	129,565	8,197	3,800	46.4	4,398	6.3	6.4	6.3	6.5	5.7
1998.....	131,476	8,126	3,688	45.4	4,438	6.2	6.1	6.3	6.3	5.5
1999.....	133,411	7,895	3,778	47.9	4,117	5.9	6.1	5.8	6.0	5.5
2000.....	136,685	7,751	3,667	47.3	4,084	5.7	5.8	5.6	5.9	4.9
2001.....	137,121	7,540	3,626	48.1	3,914	5.5	5.7	5.3	5.6	5.3
2002.....	136,559	7,247	3,511	48.4	3,736	5.3	5.5	5.1	5.5	4.7

<sup>1</sup> Multiple jobholders as a percent of all employed persons in specified group.

<sup>2</sup> Data for years prior to 1977 refer to the black-and-other population group.

NOTE: Not strictly comparable with data for prior years. For an explanation, see "Historical Comparability" under the Household

Data section of the Explanatory Notes and Estimates of Error in *Employment and Earnings*. Comprehensive surveys of multiple jobholders were not conducted in 1981-84, 1986-88, 1990, and 1992-93.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 32. **Unincorporated self-employed persons in nonagricultural industries by sex, 1976-2002 annual averages**

(Numbers in thousands)

Year	Total			Women			Men			Self-employed women as percent of total self-employed
	Total employed	Self-employed	Self-employed as a percent of total	Total employed	Self-employed	Self-employed as a percent of total	Total employed	Self-employed	Self-employed as a percent of total	
1976....	85,421	5,782	6.8	35,027	1,549	4.4	50,394	4,233	8.4	26.8
1977....	88,734	6,115	6.9	36,677	1,692	4.6	52,057	4,423	8.5	27.7
1978....	92,661	6,428	6.9	38,900	1,814	4.7	53,761	4,614	8.6	28.2
1979....	95,477	6,792	7.1	40,556	1,982	4.9	54,921	4,810	8.8	29.2
1980....	95,938	7,001	7.3	41,461	2,097	5.1	54,477	4,904	9.0	30.0
1981....	97,030	7,097	7.3	42,333	2,192	5.2	54,697	4,905	9.0	30.9
1982....	96,125	7,263	7.6	42,591	2,309	5.4	53,534	4,954	9.3	31.8
1983....	97,450	7,575	7.8	43,367	2,439	5.6	54,083	5,136	9.5	32.2
1984....	101,685	7,785	7.7	45,262	2,566	5.7	56,423	5,219	9.2	33.0
1985....	103,971	7,810	7.5	46,615	2,603	5.6	57,356	5,207	9.1	33.3
1986....	106,435	7,881	7.4	48,054	2,610	5.4	58,381	5,271	9.0	33.1
1987....	109,232	8,201	7.5	49,668	2,778	5.6	59,564	5,423	9.1	33.9
1988....	111,800	8,519	7.6	51,020	2,955	5.8	60,780	5,564	9.2	34.7
1989....	114,143	8,605	7.5	52,341	3,043	5.8	61,802	5,562	9.0	35.4
1990....	115,570	8,719	7.5	53,011	3,122	5.9	62,559	5,597	8.9	35.8
1991....	114,449	8,850	7.7	52,815	3,150	6.0	61,634	5,700	9.2	35.6
1992....	115,246	8,576	7.4	53,380	2,963	5.6	61,866	5,613	9.1	34.5
1993....	117,144	8,959	7.6	54,273	3,065	5.6	62,871	5,894	9.4	34.2
1994....	119,651	9,003	7.5	55,755	3,443	6.2	63,896	5,560	8.7	38.2
1995....	121,460	8,901	7.3	56,642	3,440	6.1	64,818	5,461	8.4	38.6
1996....	123,264	8,971	7.3	57,630	3,506	6.1	65,634	5,465	8.3	39.1
1997....	126,159	9,056	7.2	59,026	3,550	6.0	67,133	5,506	8.2	39.2
1998....	128,085	8,962	7.0	59,945	3,482	5.8	68,140	5,480	8.0	38.9
1999....	130,207	8,790	6.8	61,193	3,424	5.6	69,014	5,366	7.8	39.0
2000....	133,509	8,765	6.6	62,706	3,453	5.5	70,803	5,312	7.5	39.4
2001....	133,702	8,677	6.5	62,859	3,434	5.5	70,843	5,243	7.4	39.6
2002....	133,145	8,490	6.4	62,715	3,366	5.4	70,430	5,124	7.3	39.6

NOTE: The comparability of historical labor force data has been affected at various times by methodological and conceptual changes in the Current Population Survey (CPS). For an explanation, see the Explanatory Notes and Estimates of Error section of

*Employment and Earnings*, a monthly BLS periodical.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 33. **Employment status of the U.S.-born<sup>1</sup> and foreign-born<sup>2</sup> civilian noninstitutional population by age and sex, 2001 annual averages**

(Numbers in thousands)

Country of birth, age, and sex	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Both sexes</b>								
U.S. born: <sup>1</sup>								
16 years and over.....	184,410	123,400	66.9	117,627	63.8	5,773	4.7	61,009
16 to 24 years.....	31,229	20,323	65.1	18,149	58.1	2,174	10.7	10,906
25 to 34 years.....	30,555	26,134	85.5	24,949	81.7	1,185	4.5	4,421
35 to 44 years.....	37,923	32,265	85.1	31,143	82.1	1,122	3.5	5,658
45 to 54 years.....	33,683	27,867	82.7	27,047	80.3	820	2.9	5,816
55 to 64 years.....	21,416	12,900	60.2	12,540	58.6	360	2.8	8,517
65 years and over.....	29,603	3,911	13.2	3,800	12.8	112	2.9	25,692
Foreign born: <sup>2</sup>								
16 years and over.....	27,455	18,415	67.1	17,445	63.5	969	5.3	9,040
16 to 24 years.....	3,796	2,318	61.1	2,102	55.4	217	9.3	1,478
25 to 34 years.....	6,501	5,010	77.1	4,748	73.0	261	5.2	1,491
35 to 44 years.....	6,467	5,319	82.3	5,083	78.6	237	4.4	1,148
45 to 54 years.....	4,658	3,697	79.4	3,545	76.1	152	4.1	962
55 to 64 years.....	2,787	1,679	60.2	1,593	57.2	86	5.1	1,108
65 years and over.....	3,246	392	12.1	375	11.5	17	4.3	2,854
<b>Women</b>								
U.S. born: <sup>1</sup>								
16 years and over.....	96,158	58,531	60.9	55,910	58.1	2,621	4.5	37,627
16 to 24 years.....	15,754	10,024	63.6	9,060	57.5	964	9.6	5,730
25 to 34 years.....	15,740	12,383	78.7	11,803	75.0	580	4.7	3,356
35 to 44 years.....	19,384	15,173	78.3	14,658	75.6	515	3.4	4,212
45 to 54 years.....	17,222	13,326	77.4	12,954	75.2	371	2.8	3,897
55 to 64 years.....	11,129	5,961	53.6	5,817	52.3	144	2.4	5,168
65 years and over.....	16,928	1,664	9.8	1,617	9.5	47	2.9	15,264
Foreign born: <sup>2</sup>								
16 years and over.....	13,849	7,541	54.5	7,082	51.1	458	6.1	6,308
16 to 24 years.....	1,706	835	48.9	748	43.8	87	10.4	872
25 to 34 years.....	3,168	1,943	61.3	1,807	57.0	136	7.0	1,225
35 to 44 years.....	3,142	2,190	69.7	2,068	65.8	122	5.6	953
45 to 54 years.....	2,402	1,664	69.3	1,594	66.4	70	4.2	738
55 to 64 years.....	1,530	752	49.1	714	46.7	38	5.0	779
65 years and over.....	1,899	157	8.3	151	8.0	6	3.7	1,742

See footnotes at end of table.

Table 33. **Employment status of the U.S.-born<sup>1</sup> and foreign-born<sup>2</sup> civilian noninstitutional population by age and sex, 2001 annual averages—Continued**

(Numbers in thousands)

Country of birth, age, and sex	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Total	Percent of labor force	
<b>Men</b>								
U.S. born: <sup>1</sup>								
16 years and over.....	88,252	64,869	73.5	61,717	69.9	3,152	4.9	23,382
16 to 24 years.....	15,475	10,299	66.6	9,088	58.7	1,210	11.8	5,176
25 to 34 years.....	14,815	13,751	92.8	13,146	88.7	605	4.4	1,064
35 to 44 years.....	18,539	17,093	92.2	16,486	88.9	607	3.6	1,446
45 to 54 years.....	16,461	14,541	88.3	14,093	85.6	448	3.1	1,920
55 to 64 years.....	10,287	6,939	67.5	6,722	65.3	217	3.1	3,348
65 years and over.....	12,675	2,247	17.7	2,183	17.2	64	2.9	10,428
Foreign born: <sup>2</sup>								
16 years and over.....	13,606	10,874	79.9	10,363	76.2	511	4.7	2,732
16 to 24 years.....	2,090	1,484	71.0	1,354	64.8	129	8.7	606
25 to 34 years.....	3,332	3,066	92.0	2,941	88.3	126	4.1	266
35 to 44 years.....	3,325	3,129	94.1	3,015	90.7	115	3.7	195
45 to 54 years.....	2,257	2,033	90.1	1,950	86.4	82	4.0	224
55 to 64 years.....	1,257	927	73.8	879	70.0	48	5.2	330
65 years and over.....	1,347	235	17.4	224	16.6	11	4.8	1,112

<sup>1</sup> U.S.-born persons are those who were born in the United States or a U.S. Island Area, such as Puerto Rico, or born abroad of a U.S.-citizen parent.

<sup>2</sup> Foreign born refers to people residing in the United States who were born outside the United States or one of its outlying areas, such as Puerto Rico or Guam, to parents neither of whom was a

U.S. citizen. This group primarily includes legally admitted immigrants but also includes refugees, students, temporary workers, and undocumented aliens.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

Table 34. Union affiliation of employed wage and salary workers by sex, annual averages, 1983-2002

(Numbers in thousands)

Year	Total, both sexes					Women				
	Total employed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>		Total employed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
1983.....	88,290	17,717	20.1	20,532	23.3	40,433	5,908	14.6	7,262	18.0
1984.....	92,194	17,340	18.8	19,932	21.6	42,172	5,829	13.8	7,100	16.8
1985.....	94,521	16,996	18.0	19,358	20.5	43,506	5,732	13.2	6,910	15.9
1986 <sup>3</sup> .....	96,903	16,975	17.5	19,278	19.9	44,961	5,802	12.9	6,961	15.5
1987.....	99,303	16,913	17.0	19,051	19.2	46,365	5,842	12.6	6,907	14.9
1988.....	101,407	17,002	16.8	19,241	19.0	47,495	5,982	12.6	7,109	15.0
1989.....	103,480	16,960	16.4	19,198	18.6	48,691	6,141	12.6	7,243	14.9
1990 <sup>3</sup> .....	104,876	16,776	16.0	19,105	18.2	49,323	6,179	12.5	7,330	14.9
1991.....	103,723	16,612	16.0	18,790	18.1	49,105	6,142	12.5	7,247	14.8
1992.....	104,668	16,418	15.7	18,578	17.7	49,842	6,274	12.6	7,411	14.9
1993.....	106,101	16,627	15.7	18,682	17.6	50,626	6,516	12.9	7,610	15.0
1994 <sup>3</sup> .....	107,989	16,748	15.5	18,850	17.5	51,419	6,642	12.9	7,740	15.1
1995.....	110,038	16,360	14.9	18,346	16.7	52,369	6,430	12.3	7,479	14.3
1996.....	111,960	16,269	14.5	18,158	16.2	53,488	6,410	12.0	7,397	13.8
1997 <sup>3</sup> .....	114,533	16,110	14.1	17,923	15.6	54,708	6,347	11.6	7,304	13.4
1998 <sup>3</sup> .....	116,730	16,211	13.9	17,918	15.4	55,757	6,362	11.4	7,280	13.1
1999 <sup>3</sup> .....	118,963	16,477	13.9	18,182	15.3	57,050	6,528	11.4	7,425	13.0
2000.....	120,786	16,258	13.5	17,944	14.9	57,933	6,680	11.5	7,590	13.1
2001.....	122,482	16,387	13.4	18,114	14.8	58,726	6,809	11.6	7,704	13.1
2002 <sup>3</sup> .....	122,007	16,107	13.2	17,771	14.6	58,624	6,772	11.6	7,636	13.0

Table 34. Union affiliation of employed wage and salary workers by sex, annual averages, 1983-2002—Continued

(Numbers in thousands)

Year	Men				
	Total employed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>	
		Total	Percent of employed	Total	Percent of employed
1983.....	47,856	11,809	24.7	13,270	27.7
1984.....	50,022	11,511	23.0	12,832	25.7
1985.....	51,015	11,264	22.1	12,448	24.4
1986 <sup>3</sup> .....	51,942	11,173	21.5	12,317	23.7
1987.....	52,938	11,071	20.9	12,144	22.9
1988.....	53,912	11,019	20.4	12,132	22.5
1989.....	54,789	10,820	19.7	11,955	21.8
1990 <sup>3</sup> .....	55,553	10,597	19.1	11,775	21.2
1991.....	54,618	10,470	19.2	11,542	21.1
1992.....	54,826	10,144	18.5	11,167	20.4
1993.....	55,475	10,112	18.2	11,072	20.0
1994 <sup>3</sup> .....	56,570	10,106	17.9	11,110	19.6
1995.....	57,669	9,929	17.2	10,868	18.8
1996.....	58,473	9,859	16.9	10,761	18.4
1997 <sup>3</sup> .....	59,825	9,763	16.3	10,619	17.7
1998 <sup>3</sup> .....	60,973	9,850	16.2	10,638	17.4
1999 <sup>3</sup> .....	61,914	9,949	16.1	10,758	17.4
2000.....	62,853	9,578	15.2	10,355	16.5
2001.....	63,756	9,578	15.0	10,410	16.3
2002 <sup>3</sup> .....	63,383	9,335	14.7	10,135	16.0

<sup>1</sup> Data refer to members of a labor union or an employee association similar to a union.

<sup>2</sup> Data refer to members of a labor union or an employee association similar to a union, as well as workers who are not members but whose jobs are covered by a union or employee association contract.

<sup>3</sup> Not strictly comparable with data for prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error in *Employment and Earnings*.

NOTE: Data refer to the sole or principal job of full- and part-time workers. All self-employed workers are excluded, regardless of whether or not their businesses are incorporated.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics

# Technical Note

The estimates in this report were obtained from the Current Population Survey (CPS), a national monthly sample survey of approximately 60,000 households, which provides a wide range of information on the labor force, employment, and unemployment. Earnings data are collected from one-fourth of the CPS monthly sample. The survey is conducted for the Bureau of Labor Statistics by the U.S. Census Bureau, using a scientifically selected national sample, with coverage in all 50 States and the District of Columbia.

Over its history, numerous changes have been made in the CPS questionnaire, methodology, and estimation procedures, to improve the quality of the data the survey produces. The most recent change—which affects the data for 2000, 2001, and 2002 presented in this report—was the inclusion of population controls, based on data from the 2000 census in the estimation procedure. As a result, estimates for the years shown in this report may differ from those published earlier. For more information on recent changes, see “Revisions to the Current Population Survey Effective in January 2003” in the February 2003 issue of *Employment and Earnings*, available on the Internet at <http://www.bls.gov/cps/rvcps03.pdf>. For more detail about prior changes to the CPS, including sampling reliability and more complete definitions than those below, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, published monthly by the Bureau of Labor Statistics or “The Current Population Survey: Design and Methodology,” Technical Paper 63 Revised (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at <http://www.census.gov/prod/2002pubs/tp63rv.pdf>.

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## Concepts and Definitions

Principal concepts and definitions used in this report are described below.

The *civilian labor force* comprises all persons classified as employed or unemployed.

The *employed* are all persons who during the survey week: (a) did any work at all as paid civilians; (b) worked in their own business or profession or on their own farm; (c) worked 15 hours or more as unpaid workers in a family business; or (d) were temporarily absent from their jobs due to illness, vacation, bad weather, etc.

*Unemployed* persons are those who had no employment during the survey week, were available for work at that time, and made specific efforts to find employment sometime in the prior 4 weeks. Persons laid off from their former jobs and awaiting recall need not be looking for work to be classified as unemployed.

The *civilian labor force participation rate* is the civilian labor force as a percent of the civilian noninstitutional population.

The *unemployment rate* represents the number unemployed as a percent of the civilian labor force.

*Hispanic origin* refers to all persons who identify themselves as Mexican, Puerto Rican (living on the mainland), Cuban, Central or South American, or other Hispanic origin or descent. Persons of Hispanic origin may be of any race.

A *family* is a group of two or more persons residing together who are related by birth, marriage, or adoption. Families are classified as either married-couple families, or as families maintained by women or men without spouses.

*Usual weekly earnings.* Data are collected on wages and salaries before taxes and other deductions and include any overtime pay, commissions, or tips usually received (at the principal job in the case of multiple jobholders). Self-employed workers are excluded, regardless of whether their businesses are incorporated. Prior to 1994, respondents were asked how much they usually earned per week. Since January 1994, respondents have been asked to identify the easiest way for them to report earnings (hourly, weekly, biweekly, twice monthly, monthly, annually, other) and how much they usually earn in the reported period. Earnings reported on a basis other than weekly are converted to a weekly equivalent. The term “usual” is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

*Medians of weekly earnings.* The median is the amount that divides a given earnings distribution into two equal groups, one having earnings above the median, and the other having earnings below the median. The BLS estimating procedure for determining the median of an earnings distribution places each reported or calculated weekly earnings value into a \$50-wide interval that is centered around a multiple of \$50. The value of the median is estimated through a linear interpolation of the interval in which the median lies. Over-the-year changes in the medians for specific groups may not

necessarily be consistent with the movements estimated for the overall group boundary. The most common reasons for this possible anomaly are: (1) There could be a change in the relative weights of the subgroups. For example, the medians of both 16- to 24-year-olds and those 25 years and over may rise, but if the lower earning 16-to-24 age group accounts for a greatly increased share of the total, the overall median could actually fall. (2) There could be a large change in the shape of the distribution of reported earnings. This could be caused by survey observations that are clustered at rounded values, for example, \$250, \$300, or \$400. An estimate lying in a \$50-wide centered interval containing such a cluster, or “spike,” tends to change more slowly than one in other intervals. Medians, for example, measure the central tendency of a multip peaked distribution that shifts over time. As the distribution shifts, the median does not necessarily move at the same rate. Specifically, the median takes relatively more time to move through a frequently reported interval but once above the upper limit of such an interval, it can move relatively quickly to the next frequently reported earnings interval. BLS procedures for estimating medians mitigate such irregular movements of the measures; however, users should be cautious of these effects when evaluating short-term changes in the medians, as well as in ratios of the medians.

*Constant dollars.* The Consumer Price Index research series using current methods (CPI-U-RS) is used to convert current dollars to constant dollars. BLS has made numerous improvements to the Consumer Price Index (CPI) over the past quarter century. While these improvements make the present and future CPI more accurate, historical price index series are not adjusted to reflect the improvements. However, many researchers have expressed interest in having a historical series that measures price change consistently over the entire period. Accordingly, the CPI-U-RS presents an estimate of the CPI that incorporates most of the methodological improvements made since 1978 into the entire series. For further information, see “CPI research series using current methods, 1978-98” by Kenneth J. Stewart and Stephen B. Reed, *Monthly Labor Review*, June 1999, pp. 29-38.

*Hours at work* are the actual number of hours worked during the reference week. For example, persons who normally work 40 hours a week but were off during Columbus Day holiday would be reported as working 32 hours, even though they were paid for the holiday.

*Usual hours, or usual full- or part-time status.* Data on persons “at work” exclude persons who were temporarily absent from a job and therefore classified in the zero-hours-worked category, “with a job but not at work.” These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute. In order to differentiate a person’s normal schedule from his or her activity during the reference week, persons also are classified according to their usual full- or part-time status. In this context, *full-time*

*workers* are those who usually worked 35 hours or more (at all jobs combined). This group will include some individuals who worked less than 35 hours in the reference week for either economic or noneconomic reasons and those who are temporarily absent from work. Similarly, *part-time workers* are those who usually work less than 35 hours per week (at all jobs), regardless of the number of hours worked in the reference week. This may include some individuals who actually worked more than 34 hours in the reference week, as well as those who are temporarily absent from work.

*Wage and salary workers.* These are workers who receive wages, salaries, commissions, tips, payment in kind, or piece rates. The group includes employees in both the private and public sectors but, for purposes of the earnings series, excludes all self-employed persons, regardless of whether their businesses are incorporated.

*Hourly paid workers.* Workers who are paid an hourly wage are a subset of wage and salary workers, representing approximately three-fifths of all wage and salary workers. Workers paid by the hour are, therefore, included in the full- and part-time worker tables in this report, along with salaried workers and other workers not paid by the hour. (Data for workers paid at hourly rates are presented separately.)

*Work experience.* These data reflect the work activity during the calendar year and are obtained from the Annual Social and Economic Supplement (ASEC) to the Current Population Survey. *Persons who worked* were those that answered “yes” to the following questions from the ASEC: “Did you work at a job or business at any time during (the year)?” or “Did you do any temporary, part-time, or seasonal work even for a few days during (the year)?” Since the reference period is a full year, the number of persons with some employment or unemployment greatly exceeds the average levels for any given month, which are based on a 1-week reference period, and the corresponding annual average of monthly estimates.

## **Reliability**

Statistics based on the CPS are subject to both sampling and nonsampling error. When a sample, rather than an entire population, is surveyed, there is a chance that the sample estimates may differ from the “true” population values they represent. The exact difference, or sampling error, varies depending on the particular sample selected, and this variability is measured by the standard error of the estimate. There is about a 90-percent chance, or level of confidence that an estimate based on a sample will differ by no more than 1.6 standard errors from the “true” population value because of sampling error. BLS analyses are generally conducted at the 90-percent level of confidence. Standard errors included in this report were rounded for presentation purposes, as were the earnings estimates. Consequently, a precise confidence interval cannot be constructed using these data.

CPS data also are affected by nonsampling error. Nonsampling error can occur for many reasons, including the failure to sample a segment of the population, inability to obtain information for all respondents in the sample, inability or unwillingness of respondents to provide correct information, and errors made in the collection or processing of data.

For a full discussion of the reliability of data from the CPS and information on estimating standard errors, see the Explanatory Notes and Estimates of Error section of the Bureau of Labor Statistic's *Employment and Earnings*.