

APPENDIX

Statistical Tables

The tables in this appendix to the *Report on the American Workforce* are organized along thematic lines, rather than by the program office responsible for collecting them. This extends the ideas suggested in Background Paper No. 22, National Commission on Employment and Unemployment Statistics, "Improving the Presentation of Employment and Unemployment Statistics." Unless noted otherwise, data are from the Bureau of Labor Statistics, U.S. Department of Labor. Technical descriptions of their sources, methods, and limitations are found in *BLS Handbook of Methods*, Bulletin 2490 (1997).

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Table 1. Selected labor market indicators: Current conditions, annual averages, 1948-2000

Year	Employment (thousands) ¹	Employment population ratio ¹ (percent)	Nonfarm payroll employment (thousands)	Aggregate hours index, private nonfarm (1982=100)	Total hours of nonfarm wage and salary workers (millions)	Goods-producing employment (thousands)	Employment Cost Index, compensation, private nonfarm ² (June 1989=100)	Unemployment rate ¹ percent	Insured unemployment as percent of covered employment ³
1948	58,343	56.6	44,866	-	92,470	18,774	-	3.8	3.0
1949	57,651	55.4	43,754	-	88,958	17,565	-	5.9	6.2
1950	58,918	56.1	45,197	-	92,514	18,506	-	5.3	4.5
1951	59,961	57.3	47,819	-	98,277	19,959	-	3.3	2.7
1952	60,250	57.3	48,793	-	99,972	20,198	-	3.0	2.8
1953	61,179	57.1	50,202	-	102,361	21,074	-	2.9	2.7
1954	60,109	55.5	48,990	-	98,885	19,751	-	5.5	5.2
1955	62,170	56.7	50,641	-	103,133	20,513	-	4.4	3.4
1956	63,799	57.5	52,369	-	106,031	21,104	-	4.1	3.1
1957	64,071	57.1	52,855	-	105,893	20,967	-	4.3	3.6
1958	63,036	55.4	51,322	-	101,997	19,513	-	6.8	6.5
1959	64,630	56.0	53,270	-	106,774	20,411	-	5.5	4.2
1960	65,778	56.1	54,189	-	108,050	20,434	-	5.5	4.7
1961	65,746	55.4	53,999	-	107,440	19,857	-	6.7	5.7
1962	66,702	55.5	55,549	-	110,966	20,451	-	5.5	4.3
1963	67,762	55.4	56,653	-	113,135	20,640	-	5.7	4.2
1964	69,305	55.7	58,283	75.8	116,153	21,005	-	5.2	3.7
1965	71,088	56.2	60,763	79.1	121,433	21,926	-	4.5	2.9
1966	72,895	56.9	63,901	82.5	127,289	23,158	-	3.8	2.2
1967	74,372	57.3	65,803	82.9	129,558	23,308	-	3.8	2.4
1968	75,920	57.5	67,897	84.9	132,921	23,737	-	3.6	2.2
1969	77,902	58.0	70,384	87.7	137,340	24,361	-	3.5	2.1
1970	78,678	57.4	70,880	86.3	136,445	23,578	-	4.9	3.4
1971	79,367	56.6	71,211	85.8	136,179	22,935	-	5.9	4.1
1972	82,153	57.0	73,675	89.2	141,269	23,668	-	5.6	3.0
1973	85,064	57.8	76,790	93.2	147,051	24,893	-	4.9	2.5
1974	86,794	57.8	78,265	93.2	148,423	24,794	-	5.6	3.4
1975	85,846	56.1	76,945	88.8	144,255	22,600	-	8.5	6.1
1976	88,752	56.8	79,382	92.3	149,040	23,352	-	7.7	4.4
1977	92,017	57.9	82,471	96.0	154,517	24,346	-	7.1	3.7
1978	96,048	59.3	86,697	100.7	162,169	25,585	-	6.1	2.8
1979	98,824	59.9	89,823	104.0	167,092	26,461	59.1	5.8	2.8
1980	99,303	59.2	90,406	102.8	166,885	25,658	64.8	7.1	3.9
1981	100,397	59.0	91,152	104.1	167,547	25,497	71.2	7.6	3.5
1982	99,526	57.8	89,544	100.0	163,573	23,812	75.8	9.7	4.7
1983	100,834	57.9	90,152	101.5	165,612	23,330	80.1	9.6	3.9
1984	105,005	59.5	94,408	107.7	174,500	24,718	84.0	7.5	2.7
1985	107,150	60.1	97,387	110.5	179,096	24,842	87.3	7.2	2.8
1986	109,597	60.7	99,344	112.3	182,067	24,533	90.1	7.0	2.8
1987	112,440	61.5	101,958	115.6	186,664	24,674	93.1	6.2	2.3
1988	114,968	62.3	105,209	119.3	192,980	25,125	97.6	5.5	2.0
1989	117,342	63.0	107,884	122.1	196,775	25,254	102.3	5.3	2.1
1990	118,793	62.8	109,403	123.0	198,955	24,905	107.0	5.6	2.4
1991	117,718	61.7	108,249	120.4	196,213	23,745	111.7	6.8	3.2
1992	118,492	61.5	108,601	121.2	197,378	23,231	115.6	7.5	3.1
1993	120,259	61.7	110,713	124.6	202,079	23,352	119.8	6.9	2.6
1994	123,060	62.5	114,163	130.0	208,614	23,908	123.5	6.1	2.4
1995	124,900	62.9	117,191	133.5	213,443	24,265	126.7	5.6	2.3
1996	126,708	63.2	119,608	136.7	218,181	24,493	130.6	5.4	-
1997	129,558	63.8	122,690	141.5	224,886	24,962	135.1	4.9	1.9
1998	131,463	64.1	125,865	145.1	230,877	25,414	139.8	4.5	1.8
1999	133,488	64.3	128,916	148.2	234,919	25,507	144.6	4.2	1.8
2000	135,208	64.5	131,759	151.6	240,672	25,709	150.9	4.0	1.7 ^p

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

² December.

³ Data from Employment and Training Administration, U.S. Department of Labor.

Dash indicates data not available.

p=preliminary.

Table 2. Selected labor market indicators: Cyclically sensitive conditions, annual averages, 1948-2000

Year	Producer Price Index for crude non-food materials, less energy (1982=100)	Manufacturing		Unemployed ¹		Nonagricultural workers on part-time schedules for economic reasons, slack work or business conditions (in thousands)
		Average workweek	Average overtime hours	Less than 5 weeks (in thousands)	Job losers on temporary layoff as percent of civilian labor force	
1948	-	40.0	-	1,300	-	-
1949	-	39.1	-	1,756	-	-
1950	-	40.5	-	1,450	-	-
1951	-	40.6	-	1,177	-	-
1952	-	40.7	-	1,135	-	-
1953	-	40.5	-	1,142	-	-
1954	-	39.6	-	1,605	-	-
1955	-	40.7	-	1,335	-	905
1956	-	40.4	2.8	1,412	-	1,013
1957	-	39.8	2.3	1,408	-	1,180
1958	-	39.2	2.0	1,753	-	1,695
1959	-	40.3	2.7	1,585	-	1,078
1960	-	39.7	2.5	1,719	-	1,300
1961	-	39.8	2.4	1,806	-	1,429
1962	-	40.4	2.8	1,663	-	1,077
1963	-	40.5	2.8	1,751	-	1,060
1964	-	40.7	3.1	1,697	-	972
1965	-	41.2	3.6	1,628	-	868
1966	-	41.4	3.9	1,573	-	727
1967	-	40.6	3.4	1,634	0.5	979
1968	-	40.7	3.6	1,594	.4	794
1969	-	40.6	3.6	1,629	.4	838
1970	-	39.8	3.0	2,139	.8	1,126
1971	-	39.9	2.9	2,245	.9	1,245
1972	-	40.5	3.5	2,242	.7	1,079
1973	70.8	40.7	3.8	2,224	.5	1,067
1974	83.3	40.0	3.3	2,604	.8	1,339
1975	69.3	39.5	2.6	2,940	1.8	1,925
1976	80.2	40.1	3.1	2,844	1.1	1,550
1977	79.8	40.3	3.5	2,919	.9	1,472
1978	87.8	40.4	3.6	2,865	.7	1,391
1979	106.2	40.2	3.3	2,950	.8	1,518
1980	113.1	39.7	2.8	3,295	1.4	2,093
1981	111.7	39.8	2.8	3,449	1.3	2,251
1982	100.0	38.9	2.3	3,883	1.9	3,050
1983	105.3	40.1	3.0	3,570	1.6	2,684
1984	111.7	40.7	3.4	3,350	1.0	2,291
1985	104.9	40.5	3.3	3,498	1.0	2,273
1986	103.1	40.7	3.4	3,448	.9	2,305
1987	115.7	41.0	3.7	3,246	.8	2,201
1988	133.0	41.1	3.9	3,084	.7	2,199
1989	137.9	41.0	3.8	3,174	.7	2,143
1990	136.3	40.8	3.6	3,265	.8	2,409
1991	128.2	40.7	3.6	3,480	1.0	3,059
1992	128.4	41.0	3.8	3,376	1.0	3,094
1993	140.2	41.4	4.1	3,262	.9	3,033
1994	156.2	42.0	4.7	2,728	.7	2,311
1995	173.6	41.6	4.4	2,700	.8	2,346
1996	155.8	41.6	4.5	2,633	.8	2,263
1997	156.5	42.0	4.8	2,538	.7	2,167
1998	142.1	41.7	4.6	2,622	.6	1,997
1999	135.2	41.7	4.6	2,568	.6	1,861
2000	145.2	41.6	4.6	2,543	.6	1,835

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 3. Selected labor market indicators: Processes requiring additional time to complete the cycle, annual averages, 1948-2000

Year	Consumer Price Index (CPI-U) for services (1982-84=100)	Unit labor costs business sector (1992=100)	Duration of unemployment (weeks) ¹	
			Mean	Median
1948	15.6	22.2	8.6	—
1949	16.4	22.0	10.0	—
1950	16.9	21.8	12.1	—
1951	17.8	23.2	9.7	—
1952	18.6	23.9	8.4	—
1953	19.4	24.5	8.0	—
1954	20.0	24.8	11.8	—
1955	20.4	24.4	13.0	—
1956	20.9	26.0	11.3	—
1957	21.8	26.9	10.5	—
1958	22.6	27.3	13.9	—
1959	23.3	27.4	14.4	—
1960	24.1	28.0	12.8	—
1961	24.5	28.1	15.6	—
1962	25.0	28.1	14.7	—
1963	25.5	28.0	14.0	—
1964	26.0	28.2	13.3	—
1965	26.6	28.2	11.8	—
1966	27.6	28.9	10.4	—
1967	28.8	29.9	8.7	2.3
1968	30.3	31.3	8.4	4.5
1969	32.4	33.3	7.8	4.4
1970	35.0	35.1	8.6	4.9
1971	37.0	35.8	11.3	6.3
1972	38.4	36.8	12.0	6.2
1973	40.1	38.8	10.0	5.2
1974	43.8	43.2	9.8	5.2
1975	48.0	46.1	14.2	8.4
1976	52.0	48.4	15.8	8.2
1977	56.0	51.4	14.3	7.0
1978	60.8	55.3	11.9	5.9
1979	67.5	60.7	10.8	5.4
1980	77.9	67.4	11.9	6.5
1981	88.1	72.4	13.7	6.9
1982	96.0	78.2	15.6	8.7
1983	99.4	78.6	20.0	10.1
1984	104.6	79.8	18.2	7.9
1985	109.9	82.1	15.6	6.8
1986	115.4	83.9	15.0	6.9
1987	120.2	86.7	14.5	6.5
1988	125.7	89.8	13.5	5.9
1989	131.9	91.3	11.9	4.8
1990	139.2	95.3	12.0	5.3
1991	146.3	98.7	13.7	6.8
1992	152.0	100.0	17.7	8.7
1993	157.9	101.9	18.0	8.3
1994	163.1	102.6	18.8	9.2
1995	168.7	104.1	16.6	8.3
1996	174.1	104.5	16.7	8.3
1997	179.4	105.3	15.8	8.0
1998	184.2	108.0	14.5	6.7
1999	188.8	109.9	13.4	6.4
2000	195.3	110.7	12.6	5.9

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 4. Civilian labor force for selected demographic groups, annual averages, 1948-2000

(In thousands)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	60,621	40,687	15,500	4,435	-	-	-	-
1949	61,286	41,022	15,978	4,288	-	-	-	-
1950	62,208	41,316	16,678	4,216	-	-	-	-
1951	62,017	40,655	17,259	4,103	-	-	-	-
1952	62,138	40,558	17,517	4,064	-	-	-	-
1953 ¹	63,015	41,315	17,674	4,027	-	-	-	-
1954	63,643	41,669	17,997	3,976	56,816	6,825	-	-
1955	65,023	42,106	18,825	4,092	58,085	6,942	-	-
1956	66,552	42,658	19,599	4,296	59,428	7,125	-	-
1957	66,929	42,780	19,873	4,275	59,754	7,174	-	-
1958	67,639	43,092	20,285	4,260	60,293	7,346	-	-
1959	68,369	43,289	20,587	4,492	60,952	7,416	-	-
1960 ¹	69,628	43,603	21,185	4,841	61,915	7,716	-	-
1961	70,459	43,860	21,664	4,936	62,656	7,804	-	-
1962 ²	70,614	43,831	21,868	4,916	62,750	7,864	-	-
1963	71,833	44,222	22,473	5,139	63,830	8,003	-	-
1964	73,091	44,604	23,098	5,388	64,921	8,170	-	-
1965	74,455	44,857	23,686	5,910	66,137	8,321	-	-
1966	75,770	44,788	24,431	6,558	67,276	8,499	-	-
1967	77,347	45,354	25,475	6,521	68,699	8,649	-	-
1968	78,737	45,852	26,266	6,619	69,976	8,759	-	-
1969	80,734	46,351	27,413	6,970	71,778	8,955	-	-
1970	82,771	47,220	28,301	7,249	73,556	9,218	-	-
1971	84,382	48,009	28,904	7,470	74,963	9,418	-	-
1972 ¹	87,034	49,079	29,901	8,054	77,275	9,761	8,707	-
1973 ¹	89,429	49,932	30,991	8,507	79,151	10,280	8,976	-
1974	91,949	50,879	32,201	8,871	81,281	10,668	9,167	-
1975	93,775	51,494	33,410	8,870	82,831	10,942	9,263	-
1976	96,158	52,288	34,814	9,056	84,767	11,391	9,561	-
1977	99,009	53,348	36,310	9,351	87,141	11,867	9,932	-
1978 ¹	102,251	54,471	38,128	9,652	89,634	12,617	10,432	-
1979	104,962	55,615	39,708	9,638	91,923	13,038	10,678	-
1980	106,940	56,455	41,106	9,378	93,600	13,340	10,865	6,146
1981	108,670	57,197	42,485	8,988	95,052	13,618	11,086	6,492
1982	110,204	57,980	43,699	8,526	96,143	14,061	11,331	6,734
1983	111,550	58,744	44,636	8,171	97,021	14,529	11,647	7,033
1984	113,544	59,701	45,900	7,943	98,492	15,052	12,033	7,451
1985	115,461	60,277	47,283	7,901	99,926	15,535	12,364	7,698
1986 ¹	117,834	61,320	48,589	7,926	101,801	16,034	12,654	8,076
1987	119,865	62,095	49,783	7,988	103,290	16,576	12,993	8,541
1988	121,669	62,768	50,870	8,031	104,756	16,913	13,205	8,982
1989	123,869	63,704	52,212	7,954	106,355	17,514	13,497	9,323
1990 ¹	125,840	64,916	53,131	7,792	107,447	18,393	13,740	10,720
1991	126,346	65,374	53,708	7,265	107,743	18,604	13,797	10,920
1992	128,105	66,213	54,796	7,096	108,837	19,268	14,162	11,338
1993	129,200	66,642	55,388	7,170	109,700	19,500	14,225	11,610
1994 ¹	131,056	66,921	56,655	7,481	111,082	19,974	14,502	11,975
1995	132,304	67,324	57,215	7,765	111,950	20,354	14,817	12,267
1996	133,943	68,044	58,094	7,806	113,108	20,835	15,134	12,774
1997 ¹	136,297	69,166	59,198	7,932	114,693	21,604	15,529	13,796
1998 ¹	137,673	69,715	59,702	8,256	115,415	22,259	15,982	14,317
1999 ¹	139,368	70,194	60,840	8,333	116,509	22,859	16,365	14,665
2000 ¹	140,863	70,930	61,565	8,369	117,574	23,289	16,603	15,368

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

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. Dash indicates data are not available.

Table 5. Civilian labor force participation rates for selected demographic groups, annual averages, 1948-2000

(Percent)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	58.8	88.6	31.8	52.5	-	-	-	-
1949	58.9	88.5	32.3	52.2	-	-	-	-
1950	59.2	88.4	33.3	51.8	-	-	-	-
1951	59.2	88.2	34.0	52.2	-	-	-	-
1952	59.0	88.3	34.1	51.3	-	-	-	-
1953 ¹	58.9	88.0	33.9	50.2	-	-	-	-
1954	58.8	87.8	34.2	48.3	58.2	64.0	-	-
1955	59.3	87.6	35.4	48.9	58.7	64.2	-	-
1956	60.0	87.6	36.4	50.9	59.4	64.9	-	-
1957	59.6	86.9	36.5	49.6	59.1	64.4	-	-
1958	59.5	86.6	36.9	47.4	58.9	64.8	-	-
1959	59.3	86.3	37.1	46.7	58.7	64.3	-	-
1960 ¹	59.4	86.0	37.6	47.5	58.8	64.5	-	-
1961	59.3	85.7	38.0	46.9	58.8	64.1	-	-
1962 ¹	58.8	84.8	37.8	46.1	58.3	63.2	-	-
1963	58.7	84.4	38.3	45.2	58.2	63.0	-	-
1964	58.7	84.2	38.9	44.5	58.2	63.1	-	-
1965	58.9	83.9	39.4	45.7	58.4	62.9	-	-
1966	59.2	83.6	40.1	48.2	58.7	63.0	-	-
1967	59.6	83.4	41.1	48.4	59.2	62.8	-	-
1968	59.6	83.1	41.6	48.3	59.3	62.2	-	-
1969	60.1	82.8	42.7	49.4	59.9	62.1	-	-
1970	60.4	82.6	43.3	49.9	60.2	61.8	-	-
1971	60.2	82.1	43.3	49.7	60.1	60.9	-	-
1972 ¹	60.4	81.6	43.7	51.9	60.4	60.2	59.9	-
1973 ¹	60.8	81.3	44.4	53.7	60.8	60.5	60.2	-
1974	61.3	81.0	45.3	54.8	61.4	60.3	59.8	-
1975	61.2	80.3	46.0	54.0	61.5	59.6	58.8	-
1976	61.6	79.8	47.0	54.5	61.8	59.8	59.0	-
1977	62.3	79.7	48.1	56.0	62.5	60.4	59.8	-
1978 ¹	63.2	79.8	49.6	57.8	63.3	62.2	61.5	-
1979	63.7	79.8	50.6	57.9	63.9	62.2	61.4	-
1980	63.8	79.4	51.3	56.7	64.1	61.7	61.0	64.0
1981	63.9	79.0	52.1	55.4	64.3	61.3	60.8	64.1
1982	64.0	78.7	52.7	54.1	64.3	61.6	61.0	63.6
1983	64.0	78.5	53.1	53.5	64.3	62.1	61.5	63.8
1984	64.4	78.3	53.7	53.9	64.6	62.6	62.2	64.9
1985	64.8	78.1	54.7	54.5	65.0	63.3	62.9	64.6
1986 ¹	65.3	78.1	55.5	54.7	65.5	63.7	63.3	65.4
1987	65.6	78.0	56.2	54.7	65.8	64.3	63.8	66.4
1988	65.9	77.9	56.8	55.3	66.2	64.0	63.8	67.4
1989	66.5	78.1	57.7	55.9	66.7	64.7	64.2	67.6
1990 ¹	66.5	78.2	58.0	53.7	66.9	64.4	64.0	67.4
1991	66.2	77.7	57.9	51.6	66.6	63.8	63.3	66.5
1992	66.4	77.7	58.5	51.3	66.8	64.6	63.9	66.8
1993	66.3	77.3	58.5	51.5	66.8	63.8	63.2	66.2
1994 ¹	66.6	76.8	59.3	52.7	67.1	63.9	63.4	66.1
1995	66.6	76.7	59.4	53.5	67.1	64.3	63.7	65.8
1996	66.8	76.8	59.9	52.3	67.2	64.6	64.1	66.5
1997 ¹	67.1	77.0	60.5	51.6	67.5	65.2	64.7	67.9
1998 ¹	67.1	76.8	60.4	52.8	67.3	66.0	65.6	67.9
1999 ¹	67.1	76.7	60.7	52.0	67.3	65.9	65.8	67.7
2000 ¹	67.2	76.6	60.9	52.2	67.4	66.0	65.8	68.6

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 6. Labor force participation rates of women by presence and age of children, March 1980-2000

(Percent)

Year	Total women	With no children under 18	With children under 18				
			Total	6 to 17 years	With children under 6		
					Total	3 to 5 years	Under 3 years
1980	51.1	48.1	56.6	64.3	46.8	54.5	41.9
1981	52.0	48.7	58.1	65.5	48.9	56.1	44.3
1982	52.1	48.6	58.5	65.8	49.9	56.5	45.6
1983	52.3	48.7	58.9	66.3	50.5	57.7	46.0
1984	53.2	49.3	60.5	68.1	52.1	58.8	47.6
1985	54.5	50.4	62.1	69.9	53.5	59.5	49.5
1986	54.7	50.5	62.8	70.4	54.4	59.9	50.8
1987	55.4	50.5	64.7	72.0	56.7	62.4	52.9
1988	56.0	51.2	65.1	73.3	56.1	61.5	52.4
1989	56.7	51.9	65.7	74.2	56.7	63.1	52.4
1990	57.2	52.3	66.7	74.7	58.2	65.3	53.6
1991	57.0	52.0	66.6	74.4	58.4	64.4	54.5
1992	57.4	52.3	67.2	75.9	58.0	63.3	54.5
1993	57.2	52.1	66.9	75.4	57.9	63.7	53.9
1994 ¹	58.4	53.1	68.4	76.0	60.3	64.9	57.1
1995	58.7	52.9	69.7	76.4	62.3	67.1	58.7
1996	58.8	53.0	70.2	77.2	62.3	66.9	59.0
1997 ¹	59.8	53.6	72.1	78.1	65.0	69.3	61.8
1998 ¹	60.2	54.1	72.3	78.4	65.2	69.3	62.2
1999 ¹	60.2	54.3	72.1	78.5	64.4	69.5	60.7
2000 ¹	60.7	54.8	72.9	79.0	65.3	71.5	61.0

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

NOTE: Data refer to single, married, spouse present, and widowed, divorced, and separated women.

Table 7. Percent distribution of the labor force of women by presence and age of children, March 1980-2000

(Percent)

Year	Total women	With no children under 18	With children under 18				
			Total	6 to 17 years	With children under 6		
					Total	3 to 5 years	Under 3 years
1980	100.0	60.4	39.6	25.0	14.6	6.6	7.9
1981	100.0	60.3	39.7	24.8	14.9	6.7	8.2
1982	100.0	60.2	39.8	24.2	15.6	6.9	8.8
1983	100.0	60.4	39.6	23.7	15.9	7.0	8.9
1984	100.0	60.3	39.7	23.4	16.3	7.3	8.9
1985	100.0	60.6	39.4	23.2	16.1	7.1	9.0
1986	100.0	60.1	39.9	23.3	16.5	7.3	9.3
1987	100.0	59.6	40.4	23.5	17.0	7.4	9.6
1988	100.0	60.1	39.9	23.5	16.4	7.2	9.2
1989	100.0	60.3	39.7	23.2	16.6	7.4	9.2
1990	100.0	60.5	39.5	22.8	16.7	7.4	9.3
1991	100.0	60.4	39.6	22.5	17.1	7.5	9.6
1992	100.0	60.2	39.8	23.0	16.7	7.4	9.3
1993	100.0	59.9	40.1	23.4	16.7	7.4	9.3
1994 ¹	100.0	59.4	40.6	23.2	17.3	7.7	9.6
1995	100.0	59.2	40.8	23.6	17.2	7.8	9.3
1996	100.0	59.6	40.4	23.6	16.8	7.6	9.2
1997 ¹	100.0	59.3	40.7	23.8	16.9	7.6	9.3
1998 ¹	100.0	59.9	40.1	23.5	16.6	7.4	9.2
1999 ¹	100.0	60.7	39.3	23.4	15.9	7.2	8.7
2000 ¹	100.0	60.9	39.1	23.5	15.6	7.0	8.6

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

NOTE: Data refer to single, married, spouse present, and widowed, divorced, and separated women.

Table 8. Employment for selected demographic groups, annual averages, 1948-2000

(In thousands)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	58,343	39,382	14,936	4,026	-	-	-	-
1949	57,651	38,803	15,137	3,712	-	-	-	-
1950	58,918	39,394	15,824	3,703	-	-	-	-
1951	59,961	39,626	16,570	3,767	-	-	-	-
1952	60,250	39,578	16,958	3,719	-	-	-	-
1953 ¹	61,179	40,296	17,164	3,720	-	-	-	-
1954	60,109	39,634	17,000	3,475	53,957	6,152	-	-
1955	62,170	40,526	18,002	3,642	55,833	6,341	-	-
1956	63,799	41,216	18,767	3,818	57,269	6,534	-	-
1957	64,071	41,239	19,052	3,778	57,465	6,604	-	-
1958	63,036	40,411	19,043	3,582	56,613	6,423	-	-
1959	64,630	41,267	19,524	3,838	58,006	6,623	-	-
1960 ¹	65,778	41,543	20,105	4,129	58,850	6,928	-	-
1961	65,746	41,342	20,296	4,108	58,913	6,833	-	-
1962 ¹	66,702	41,815	20,693	4,195	59,698	7,003	-	-
1963	67,762	42,251	21,257	4,255	60,622	7,140	-	-
1964	69,305	42,886	21,903	4,516	61,922	7,383	-	-
1965	71,088	43,422	22,630	5,036	63,446	7,643	-	-
1966	72,895	43,668	23,510	5,721	65,021	7,877	-	-
1967	74,372	44,294	24,397	5,682	66,361	8,011	-	-
1968	75,920	44,859	25,281	5,781	67,750	8,169	-	-
1969	77,902	45,388	26,397	6,117	69,518	8,384	-	-
1970	78,678	45,581	26,952	6,144	70,217	8,464	-	-
1971	79,367	45,912	27,246	6,208	70,878	8,488	-	-
1972 ¹	82,153	47,130	28,276	6,746	73,370	8,783	7,802	-
1973 ¹	85,064	48,310	29,484	7,271	75,708	9,356	8,128	-
1974	86,794	48,922	30,424	7,448	77,184	9,610	8,203	-
1975	85,846	48,018	30,726	7,104	76,411	9,435	7,894	-
1976	88,752	49,190	32,226	7,336	78,853	9,899	8,227	-
1977	92,017	50,555	33,775	7,688	81,700	10,317	8,540	-
1978 ¹	96,048	52,143	35,836	8,070	84,936	11,112	9,102	-
1979	98,824	53,308	37,434	8,083	87,259	11,565	9,359	-
1980	99,303	53,101	38,492	7,710	87,715	11,588	9,313	5,527
1981	100,397	53,582	39,590	7,225	88,709	11,688	9,355	5,813
1982	99,526	52,891	40,086	6,549	87,903	11,624	9,189	5,805
1983	100,834	53,487	41,004	6,342	88,893	11,941	9,375	6,072
1984	105,005	55,769	42,793	6,444	92,120	12,885	10,119	6,651
1985	107,150	56,562	44,154	6,434	93,736	13,414	10,501	6,888
1986 ¹	109,597	57,569	45,556	6,472	95,660	13,937	10,814	7,219
1987	112,440	58,726	47,074	6,640	97,789	14,652	11,309	7,790
1988	114,968	59,781	48,383	6,805	99,812	15,156	11,658	8,250
1989	117,342	60,837	49,745	6,759	101,584	15,757	11,953	8,573
1990 ¹	118,793	61,678	50,535	6,581	102,261	16,533	12,175	9,845
1991	117,718	61,178	50,634	5,906	101,182	16,536	12,074	9,828
1992	118,492	61,496	51,328	5,669	101,669	16,823	12,151	10,027
1993	120,259	62,355	52,099	5,805	103,045	17,214	12,382	10,361
1994 ¹	123,060	63,294	53,606	6,161	105,190	17,870	12,835	10,788
1995	124,900	64,085	54,396	6,419	106,490	18,409	13,279	11,127
1996	126,708	64,897	55,311	6,500	107,808	18,900	13,542	11,642
1997 ¹	129,558	66,284	56,613	6,661	109,856	19,701	13,969	12,726
1998 ¹	131,463	67,135	57,278	7,051	110,931	20,532	14,556	13,291
1999 ¹	133,488	67,761	58,555	7,172	112,235	21,253	15,056	13,720
2000 ¹	135,208	68,580	59,352	7,276	113,475	21,733	15,334	14,492

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

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. Dash indicates data are not available.

Table 9. Employment -population ratios for selected demographic groups, annual averages, 1948-2000

(Percent)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	56.6	85.8	30.7	47.7	-	-	-	-
1949	55.4	83.7	30.6	45.2	-	-	-	-
1950	56.1	84.2	31.6	45.5	-	-	-	-
1951	57.3	86.1	32.6	47.9	-	-	-	-
1952	57.3	86.2	33.0	46.9	-	-	-	-
1953 ¹	57.1	85.9	32.9	46.4	-	-	-	-
1954	55.5	83.5	32.3	42.3	55.2	58.0	-	-
1955	56.7	84.3	33.8	43.5	56.5	58.7	-	-
1956	57.5	84.6	34.9	45.3	57.3	59.5	-	-
1957	57.1	83.8	35.0	43.9	56.8	59.3	-	-
1958	55.4	81.2	34.6	39.9	55.3	56.7	-	-
1959	56.0	82.3	35.1	39.9	55.9	57.5	-	-
1960 ¹	56.1	81.9	35.7	40.5	55.9	57.9	-	-
1961	55.4	80.8	35.6	39.1	55.3	56.2	-	-
1962 ¹	55.5	80.9	35.8	39.4	55.4	56.3	-	-
1963	55.4	80.6	36.3	37.4	55.3	56.2	-	-
1964	55.7	80.9	36.9	37.3	55.5	57.0	-	-
1965	56.2	81.2	37.6	38.9	56.0	57.8	-	-
1966	56.9	81.5	38.6	42.1	56.8	58.4	-	-
1967	57.3	81.5	39.3	42.2	57.2	58.2	-	-
1968	57.5	81.3	40.0	42.2	57.4	58.0	-	-
1969	58.0	81.1	41.1	43.4	58.0	58.1	-	-
1970	57.4	79.7	41.2	42.3	57.5	56.8	-	-
1971	56.6	78.5	40.9	41.3	56.8	54.9	-	-
1972 ¹	57.0	78.4	41.3	43.5	57.4	54.1	53.7	-
1973 ¹	57.8	78.6	42.2	45.9	58.2	55.0	54.5	-
1974	57.8	77.9	42.8	46.0	58.3	54.3	53.5	-
1975	56.1	74.8	42.3	43.3	56.7	51.4	50.1	-
1976	56.8	75.1	43.5	44.2	57.5	52.0	50.8	-
1977	57.9	75.6	44.8	46.1	58.6	52.5	51.4	-
1978 ¹	59.3	76.4	46.6	48.3	60.0	54.7	53.6	-
1979	59.9	76.5	47.7	48.5	60.6	55.2	53.8	-
1980	59.2	74.6	48.1	46.6	60.0	53.6	52.3	57.6
1981	59.0	74.0	48.6	44.6	60.0	52.6	51.3	57.4
1982	57.8	71.8	48.4	41.5	58.8	50.9	49.4	54.9
1983	57.9	71.4	48.8	41.5	58.9	51.0	49.5	55.1
1984	59.5	73.2	50.1	43.7	60.5	53.6	52.3	57.9
1985	60.1	73.3	51.0	44.4	61.0	54.7	53.4	57.8
1986 ¹	60.7	73.3	52.0	44.6	61.5	55.4	54.1	58.5
1987	61.5	73.8	53.1	45.5	62.3	56.8	55.6	60.5
1988	62.3	74.2	54.0	46.8	63.1	57.4	56.3	61.9
1989	63.0	74.5	54.9	47.5	63.8	58.2	56.9	62.2
1990 ¹	62.8	74.3	55.2	45.3	63.7	57.9	56.7	61.9
1991	61.7	72.7	54.6	42.0	62.6	56.7	55.4	59.8
1992	61.5	72.1	54.8	41.0	62.4	56.4	54.9	59.1
1993	61.7	72.3	55.0	41.7	62.7	56.3	55.0	59.1
1994 ¹	62.5	72.6	56.2	43.4	63.5	57.2	56.1	59.5
1995	62.9	73.0	56.5	44.2	63.8	58.1	57.1	59.7
1996	63.2	73.2	57.0	43.5	64.1	58.6	57.4	60.6
1997 ¹	63.8	73.7	57.8	43.4	64.6	59.4	58.2	62.6
1998 ¹	64.1	73.9	58.0	45.1	64.7	60.9	59.7	63.1
1999 ¹	64.3	74.0	58.5	44.7	64.8	61.3	60.6	63.4
2000 ¹	64.5	74.1	58.7	45.4	65.1	61.6	60.8	64.7

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 10. **Employed persons by major occupation, annual averages, 1987-2000**

(In thousands)

Occupation	1987	1988	1989	1990 ¹	1991	1992	1993
Total	112,440	114,968	117,342	118,793	117,718	118,492	120,259
Managerial and professional specialty	27,742	29,190	30,398	30,602	30,934	31,085	32,231
Executive, administrative, and managerial	13,316	14,216	14,848	14,802	14,904	14,722	15,338
Professional specialty	14,426	14,974	15,550	15,800	16,030	16,363	16,893
Technical, sales, and administrative support	35,082	35,532	36,127	36,913	36,318	37,048	37,058
Technicians and related support	3,346	3,521	3,645	3,866	3,814	4,277	4,039
Sales	13,480	13,747	14,065	14,285	14,052	14,014	14,342
Administrative support, including clerical	18,256	18,264	18,416	18,762	18,452	18,757	18,677
Service occupations	15,054	15,332	15,556	16,012	16,254	16,377	16,821
Private household	934	909	872	792	799	891	928
Protective service	1,907	1,944	1,960	2,000	2,083	2,114	2,165
Service, except private household and protective	12,213	12,479	12,724	13,220	13,372	13,373	13,727
Precision production, craft, and repair	13,568	13,664	13,818	13,745	13,250	13,225	13,429
Mechanics and repairers	4,445	4,454	4,550	4,470	4,445	4,466	4,442
Construction trades	5,011	5,098	5,142	5,199	4,852	4,827	5,048
Other precision production, craft, and repair	4,112	4,112	4,126	4,076	3,953	3,931	3,939
Operators, fabricators, and laborers	17,486	17,814	18,022	18,071	17,456	17,247	17,341
Machine operators, assemblers, and inspectors	7,994	8,117	8,248	8,200	7,820	7,658	7,553
Transportation and material moving occupations	4,712	4,831	4,886	4,886	4,913	4,908	5,036
Handlers, equipment cleaners, helpers, and laborers	4,779	4,866	4,888	4,985	4,723	4,682	4,753
Farming, forestry, and fishing	3,507	3,437	3,421	3,450	3,506	3,510	3,379
	1994 ¹	1995	1996	1997 ¹	1998 ¹	1999 ¹	2000 ¹
Total	123,060	124,900	126,708	129,558	131,463	133,488	135,208
Managerial and professional specialty	33,847	35,318	36,497	37,686	38,937	40,467	40,887
Executive, administrative, and managerial	16,312	17,186	17,746	18,440	19,054	19,584	19,774
Professional specialty	17,536	18,132	18,752	19,245	19,883	20,883	21,113
Technical, sales, and administrative support	37,306	37,417	37,683	38,309	38,521	38,921	39,442
Technicians and related support	3,869	3,909	3,926	4,214	4,261	4,355	4,385
Sales	14,817	15,119	15,404	15,734	15,850	16,118	16,340
Administrative support, including clerical	18,620	18,389	18,353	18,361	18,410	18,448	18,717
Service occupations	16,912	16,930	17,177	17,537	17,836	17,915	18,278
Private household	817	821	804	795	847	831	792
Protective service	2,249	2,237	2,187	2,300	2,417	2,440	2,399
Service, except private household and protective	13,847	13,872	14,186	14,442	14,572	14,644	15,087
Precision production, craft, and repair	13,489	13,524	13,587	14,124	14,411	14,593	14,882
Mechanics and repairers	4,419	4,423	4,521	4,675	4,786	4,868	4,875
Construction trades	5,008	5,098	5,108	5,378	5,594	5,801	6,120
Other precision production, craft, and repair	4,062	4,004	3,959	4,071	4,031	3,923	3,887
Operators, fabricators, and laborers	17,876	18,068	18,197	18,399	18,256	18,167	18,319
Machine operators, assemblers, and inspectors	7,754	7,907	7,874	7,962	7,791	7,386	7,319
Transportation and material moving occupations	5,136	5,171	5,302	5,389	5,363	5,516	5,557
Handlers, equipment cleaners, helpers, and laborers	4,986	4,990	5,021	5,048	5,102	5,265	5,443
Farming, forestry, and fishing	3,629	3,642	3,566	3,503	3,502	3,426	3,399

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and

Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 11. **Employed persons by usual full- or part-time status and sex, annual averages, 1970-2000**

(In thousands)

Year	Total employed	Full time	Part time	Economic part time ¹
TOTAL				
1970	78,678	66,753	11,925	2,446
1971	79,367	66,973	12,393	2,688
1972 ²	82,153	69,214	12,939	2,648
1973 ²	85,064	71,803	13,262	2,554
1974	86,794	73,093	13,701	2,988
1975	85,846	71,586	14,260	3,804
1976	88,752	73,964	14,788	3,607
1977	92,017	76,625	15,391	3,608
1978 ²	96,048	80,193	15,855	3,516
1979	98,824	82,654	16,171	3,577
1980	99,303	82,562	16,740	4,321
1981	100,397	83,243	17,154	4,768
1982	99,526	81,421	18,106	6,170
1983	100,834	82,322	18,511	6,266
1984	105,005	86,544	18,462	5,744
1985	107,150	88,534	18,615	5,590
1986 ²	109,597	90,529	19,069	5,588
1987	112,440	92,957	19,483	5,401
1988	114,968	95,214	19,754	5,206
1989	117,342	97,369	19,973	4,894
1990 ²	118,793	98,666	20,128	5,204
1991	117,718	97,190	20,528	6,161
1992	118,492	97,664	20,828	6,520
1993	120,259	99,114	21,145	6,481
1994 ²	123,060	99,772	23,288	4,625
1995	124,900	101,679	23,220	4,473
1996	126,708	103,537	23,170	4,315
1997 ²	129,558	106,334	23,224	4,068
1998 ²	131,463	108,202	23,261	3,665
1999 ²	133,488	110,302	23,186	3,357
2000 ²	135,208	112,291	22,917	3,190
Men				
1970	48,990	44,825	4,166	1,298
1971	49,390	45,023	4,367	1,395
1972 ²	50,896	46,373	4,523	1,347
1973 ²	52,349	47,843	4,507	1,279
1974	53,024	48,378	4,646	1,519
1975	51,857	46,988	4,870	1,973
1976	53,138	48,150	4,988	1,825
1977	54,728	49,551	5,178	1,749
1978 ²	56,479	51,281	5,198	1,638
1979	57,607	52,427	5,180	1,645
1980	57,186	51,717	5,471	2,107
1981	57,397	51,906	5,492	2,285
1982	56,271	50,334	5,937	3,030
1983	56,787	50,643	6,145	2,966
1984	59,091	53,070	6,020	2,651
1985	59,891	53,862	6,028	2,572
1986 ²	60,892	54,685	6,207	2,590
1987	62,107	55,746	6,360	2,513
1988	63,273	56,816	6,457	2,474
1989	64,315	57,885	6,430	2,287
1990 ²	65,104	58,501	6,604	2,519
1991	64,223	57,407	6,815	3,104
1992	64,440	57,363	7,077	3,230
1993	65,349	58,123	7,226	3,124
1994 ²	66,450	58,832	7,617	2,299
1995	67,377	59,936	7,441	2,210
1996	68,207	60,762	7,445	2,106
1997 ²	69,685	62,258	7,427	1,988
1998 ²	70,693	63,189	7,504	1,796
1999 ²	71,446	63,930	7,516	1,634
2000 ²	72,293	64,938	7,355	1,571

See footnotes at end of table.

Table 11. **Employed persons by usual full- and part-time status and sex, annual averages, 1970-2000—Continued**

(In thousands)

Year	Total employed	Full time	Part time	Economic part time ¹
Women				
1970	29,688	21,929	7,758	1,148
1971	29,976	21,950	8,026	1,293
1972 ²	31,257	22,842	8,416	1,300
1973 ²	32,715	23,960	8,756	1,274
1974	33,769	24,714	9,055	1,468
1975	33,989	24,598	9,391	1,832
1976	35,615	25,814	9,799	1,782
1977	37,289	27,076	10,213	1,859
1978 ²	39,569	28,912	10,658	1,879
1979	41,217	30,227	10,990	1,932
1980	42,117	30,845	11,270	2,215
1981	43,000	31,337	11,664	2,484
1982	43,256	31,086	12,170	3,140
1983	44,047	31,679	12,367	3,300
1984	45,915	33,473	12,441	3,091
1985	47,259	34,672	12,587	3,018
1986 ²	48,706	35,845	12,862	2,999
1987	50,334	37,210	13,124	2,889
1988	51,696	38,398	13,298	2,733
1989	53,027	39,484	13,544	2,607
1990 ²	53,689	40,165	13,524	2,685
1991	53,496	39,783	13,713	3,057
1992	54,052	40,301	13,751	3,290
1993	54,910	40,991	13,919	3,357
1994 ²	56,610	40,940	15,670	2,325
1995	57,523	41,743	15,779	2,263
1996	58,501	42,776	15,725	2,210
1997 ²	59,873	44,076	15,797	2,080
1998 ²	60,771	45,014	15,757	1,869
1999 ²	62,042	46,372	15,670	1,723
2000 ²	62,915	47,353	15,562	1,619

¹ Includes some persons who usually work full time.

² The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and

Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 12. Employees on nonfarm payrolls by major industry division, annual averages, 1947-2000

(In thousands)

Year	Total	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance and real estate	Services	Government
1947	43,857	38,382	955	2,009	15,545	4,166	2,478	6,477	1,728	5,025	5,474
1948	44,866	39,216	994	2,198	15,582	4,189	2,612	6,659	1,800	5,181	5,650
1949	43,754	37,897	930	2,194	14,441	4,001	2,610	6,654	1,828	5,239	5,856
1950	45,197	39,170	901	2,364	15,241	4,034	2,643	6,743	1,888	5,356	6,026
1951	47,819	41,430	929	2,637	16,393	4,226	2,735	7,007	1,956	5,547	6,389
1952	48,793	42,185	898	2,668	16,632	4,248	2,821	7,184	2,035	5,699	6,609
1953	50,202	43,556	866	2,659	17,549	4,290	2,862	7,385	2,111	5,835	6,645
1954	48,990	42,238	791	2,646	16,314	4,084	2,875	7,360	2,200	5,969	6,751
1955	50,641	43,727	792	2,839	16,882	4,141	2,934	7,601	2,298	6,240	6,914
1956	52,369	45,091	822	3,039	17,243	4,244	3,027	7,831	2,389	6,497	7,278
1957	52,855	45,239	828	2,962	17,176	4,241	3,037	7,848	2,438	6,708	7,616
1958	51,322	43,483	751	2,817	15,945	3,976	2,989	7,761	2,481	6,765	7,839
1959	53,270	45,186	732	3,004	16,675	4,011	3,092	8,035	2,549	7,087	8,083
1960	54,189	45,836	712	2,926	16,796	4,004	3,153	8,238	2,628	7,378	8,353
1961	53,999	45,404	672	2,859	16,326	3,903	3,142	8,195	2,688	7,619	8,594
1962	55,549	46,660	650	2,948	16,853	3,906	3,207	8,359	2,754	7,982	8,890
1963	56,653	47,429	635	3,010	16,995	3,903	3,258	8,520	2,830	8,277	9,225
1964	58,283	48,686	634	3,097	17,274	3,951	3,347	8,812	2,911	8,660	9,596
1965	60,763	50,689	632	3,232	18,062	4,036	3,477	9,239	2,977	9,036	10,074
1966	63,901	53,116	627	3,317	19,214	4,158	3,608	9,637	3,058	9,498	10,784
1967	65,803	54,413	613	3,248	19,447	4,268	3,700	9,906	3,185	10,045	11,391
1968	67,897	56,058	606	3,350	19,781	4,318	3,791	10,308	3,337	10,567	11,839
1969	70,384	58,189	619	3,575	20,167	4,442	3,919	10,785	3,512	11,169	12,195
1970	70,880	58,325	623	3,588	19,367	4,515	4,006	11,034	3,645	11,548	12,554
1971	71,211	58,331	609	3,704	18,623	4,476	4,014	11,338	3,772	11,797	12,881
1972	73,675	60,341	628	3,889	19,151	4,541	4,127	11,822	3,908	12,276	13,334
1973	76,790	63,058	642	4,097	20,154	4,656	4,291	12,315	4,046	12,857	13,732
1974	78,265	64,095	697	4,020	20,077	4,725	4,447	12,539	4,148	13,441	14,170
1975	76,945	62,259	752	3,525	18,323	4,542	4,430	12,630	4,165	13,892	14,686
1976	79,382	64,511	779	3,576	18,997	4,582	4,562	13,193	4,271	14,551	14,871
1977	82,471	67,344	813	3,851	19,682	4,713	4,723	13,792	4,467	15,302	15,127
1978	86,697	71,026	851	4,229	20,505	4,923	4,985	14,556	4,724	16,252	15,672
1979	89,823	73,876	958	4,463	21,040	5,136	5,221	14,972	4,975	17,112	15,947
1980	90,406	74,166	1,027	4,346	20,285	5,146	5,292	15,018	5,160	17,890	16,241
1981	91,152	75,121	1,139	4,188	20,170	5,165	5,375	15,171	5,298	18,615	16,031
1982	89,544	73,707	1,128	3,904	18,780	5,081	5,295	15,158	5,340	19,021	15,837
1983	90,152	74,282	952	3,946	18,432	4,952	5,283	15,587	5,466	19,664	15,869
1984	94,408	78,384	966	4,380	19,372	5,156	5,568	16,512	5,684	20,746	16,024
1985	97,387	80,992	927	4,668	19,248	5,233	5,727	17,315	5,948	21,927	16,394
1986	99,344	82,651	777	4,810	18,947	5,247	5,761	17,880	6,273	22,957	16,693
1987	101,958	84,948	717	4,958	18,999	5,362	5,848	18,422	6,533	24,110	17,010
1988	105,209	87,823	713	5,098	19,314	5,512	6,030	19,023	6,630	25,504	17,386
1989	107,884	90,105	692	5,171	19,391	5,614	6,187	19,475	6,668	26,907	17,779
1990	109,403	91,098	709	5,120	19,076	5,777	6,173	19,601	6,709	27,934	18,304
1991	108,249	89,847	689	4,650	18,406	5,755	6,081	19,284	6,646	28,336	18,402
1992	108,601	89,956	635	4,492	18,104	5,718	5,997	19,356	6,602	29,052	18,645
1993	110,713	91,872	610	4,668	18,075	5,811	5,981	19,773	6,757	30,197	18,841
1994	114,163	95,036	601	4,986	18,321	5,984	6,162	20,507	6,896	31,579	19,128
1995	117,191	97,885	581	5,160	18,524	6,132	6,378	21,187	6,806	33,117	19,305
1996	119,608	100,189	580	5,418	18,495	6,253	6,482	21,597	6,911	34,454	19,419
1997	122,690	103,133	596	5,691	18,675	6,408	6,648	21,966	7,109	36,040	19,557
1998	125,865	106,042	590	6,020	18,805	6,611	6,800	22,295	7,389	37,533	19,823
1999	128,916	108,709	539	6,415	18,552	6,834	6,911	22,848	7,555	39,055	20,206
2000	131,759	111,079	543	6,698	18,469	7,019	7,024	23,307	7,560	40,460	20,681

NOTE: Current estimates are projected from March 2000 benchmark levels.

Table 13. **Employees on nonfarm payrolls by industry, annual averages, 1992-2000**

(In thousands)

Industry	1992	1993	1994	1995	1996	1997	1998	1999	2000
Total nonfarm	108,601	110,713	114,163	117,191	119,608	122,690	125,865	128,916	131,759
Total private	89,956	91,872	95,036	97,885	100,189	103,133	106,042	108,709	111,079
Goods-producing	23,231	23,352	23,908	24,265	24,493	24,962	25,414	25,507	25,709
Mining	635	610	601	581	508	596	590	539	543
Metal mining	53	50	49	51	54	54	49	44	41
Coal mining	127	109	112	104	98	96	92	85	77
Oil and gas extraction	353	350	337	320	322	339	339	297	311
Nonmetallic minerals, except fuels	102	102	104	105	106	108	110	113	114
Construction	4,492	4,668	4,986	5,160	5,418	5,691	6,020	6,415	6,698
General building contractors	1,077	1,120	1,188	1,207	1,257	1,310	1,377	1,458	1,528
Heavy construction, except building	711	713	740	752	777	799	840	874	901
Special trade contractors	2,704	2,836	3,058	3,201	3,384	3,582	3,804	4,084	4,269
Manufacturing	18,104	18,075	18,321	18,524	18,495	18,675	18,805	18,552	18,469
Durable goods	10,277	10,221	10,448	10,683	10,789	11,010	11,205	11,111	11,138
Lumber and wood products	680	709	754	769	778	796	814	834	832
Furniture and fixtures	478	487	505	510	504	512	533	548	558
Stone, clay, and glass products	513	517	532	540	544	552	562	566	579
Primary metal industries Blast furnaces and basic steel products ..	695	683	698	712	711	711	715	699	698
Fabricated metal products	250	240	239	242	240	235	233	227	225
Industrial machinery and equipment	1,329	1,339	1,388	1,437	1,449	1,479	1,509	1,521	1,537
Computer and office equipment	1,929	1,931	1,990	2,067	2,115	2,168	2,206	2,136	2,120
Electronic and other electrical equipment ..	391	363	354	352	362	376	382	368	361
Electronic components and accessories	1,528	1,526	1,571	1,625	1,661	1,689	1,707	1,672	1,719
Transportation equipment Motor vehicles and equipment	527	528	544	581	617	650	660	641	682
Aircraft and parts	1,830	1,756	1,761	1,790	1,785	1,845	1,893	1,888	1,849
Instruments and related products	813	837	909	971	967	986	995	1,018	1,013
Miscellaneous manufac- turing industries	612	542	482	451	458	501	525	496	465
Nondurable goods	929	896	861	843	855	866	873	855	852
Food and kindred products	368	378	389	390	388	392	395	391	394
Tobacco products	7,827	7,854	7,873	7,841	7,706	7,665	7,600	7,441	7,331
Textile mill products	1,663	1,680	1,678	1,692	1,692	1,685	1,683	1,682	1,684
Apparel and other textile products	48	44	43	42	41	41	41	37	34
Paper and allied products	674	675	676	663	627	616	598	559	528
Printing and publishing ..	1,007	989	974	936	868	824	766	690	633
Chemicals and allied products	690	692	692	693	684	683	677	668	657
Petroleum and coal products	1,507	1,517	1,537	1,546	1,540	1,552	1,565	1,552	1,547
Rubber and miscella- neous plastics products	1,084	1,081	1,057	1,038	1,034	1,036	1,043	1,035	1,038
Leather and leather products	158	152	149	145	142	141	139	132	127
	878	909	953	980	983	996	1,005	1,009	1,011
	120	117	113	106	96	91	84	77	71

See note at end of table.

Table 13. **Employees on nonfarm payrolls by industry, annual averages, 1992-2000—Continued**

(In thousands)

Industry	1992	1993	1994	1995	1996	1997	1998	1999	2000
Service-producing	85,370	87,361	90,256	92,925	95,115	97,727	100,451	103,409	106,050
Transportation and public utilities	5,718	5,811	5,984	6,132	6,253	6,408	6,611	6,834	7,019
Transportation	3,495	3,598	3,761	3,904	4,019	4,123	4,273	4,411	4,529
Railroad transportation	254	248	241	238	231	227	231	235	236
Local and interurban passenger transit	361	379	404	419	437	452	469	478	476
Trucking and warehousing	1,385	1,444	1,526	1,587	1,637	1,677	1,744	1,810	1,856
Water transportation	173	168	172	175	174	179	181	186	196
Transportation by air	964	988	1,023	1,068	1,107	1,134	1,181	1,227	1,281
Pipelines, except natural gas	19	18	17	15	15	14	14	13	14
Transportation services	338	352	378	401	418	441	454	463	471
Communications and public utilities	2,223	2,214	2,223	2,229	2,234	2,285	2,338	2,423	2,490
Communications	1,269	1,269	1,295	1,318	1,351	1,419	1,477	1,560	1,639
Electric, gas, and sanitary services	954	944	928	911	884	866	861	863	851
Wholesale trade	5,997	5,981	6,162	6,378	6,482	6,648	6,800	6,911	7,024
Durable goods	3,446	3,433	3,559	3,715	3,805	3,927	4,043	4,117	4,193
Nondurable goods	2,552	2,549	2,604	2,663	2,677	2,721	2,757	2,793	2,831
Retail trade	19,356	19,773	20,507	21,187	21,597	21,966	22,295	22,848	23,307
Building materials and garden supplies	758	779	833	868	894	929	948	988	1,016
General merchandise stores	2,451	2,488	2,583	2,681	2,702	2,701	2,730	2,798	2,837
Department stores	2,080	2,140	2,246	2,346	2,367	2,380	2,415	2,459	2,491
Food stores	3,180	3,224	3,291	3,366	3,436	3,478	3,484	3,497	3,521
Automotive dealers and service stations	1,966	2,014	2,116	2,190	2,267	2,311	2,332	2,368	2,412
New and used car dealers	875	908	963	996	1,031	1,046	1,047	1,080	1,114
Apparel and accessory stores	1,131	1,144	1,144	1,125	1,098	1,109	1,141	1,171	1,193
Furniture and home furnishings stores	800	828	889	946	975	999	1,025	1,087	1,134
Eating and drinking places	6,609	6,821	7,078	7,354	7,517	7,646	7,768	7,961	8,114
Miscellaneous retail establishments	2,461	2,476	2,573	2,658	2,709	2,794	2,868	2,978	3,080
Finance, insurance, and real estate	6,602	6,757	6,896	6,806	6,911	7,109	7,389	7,555	7,560
Finance	3,160	3,238	3,299	3,231	3,303	3,424	3,588	3,688	3,710
Depository institutions	2,096	2,089	2,066	2,025	2,019	2,027	2,046	2,056	2,029
Commercial banks	1,490	1,497	1,484	1,466	1,458	1,463	1,472	1,468	1,430
Savings institutions	346	324	305	276	266	260	256	254	253
Nondepository institutions	406	455	491	463	522	577	658	709	681
Mortgage bankers and brokers	180	225	249	205	233	263	326	353	309
Security and commodity brokers	440	472	516	525	553	596	647	689	748
Holding and other investment offices	219	223	227	217	210	223	238	234	251
Insurance	2,152	2,197	2,236	2,225	2,226	2,264	2,335	2,368	2,346
Insurance carriers	1,496	1,529	1,552	1,529	1,517	1,539	1,591	1,610	1,589
Insurance agents, brokers, and service	657	668	684	696	709	725	744	758	757
Real estate	1,290	1,322	1,361	1,351	1,382	1,421	1,465	1,500	1,504
Services	29,052	30,197	31,579	33,117	34,454	36,040	37,533	39,055	40,460
Agricultural services	490	519	564	582	627	678	708	766	801
Hotels and other lodging places	1,576	1,596	1,631	1,668	1,715	1,746	1,789	1,848	1,912
Personal services	1,116	1,137	1,140	1,163	1,180	1,186	1,201	1,226	1,251
Business services	5,315	5,735	6,281	6,812	7,293	7,988	8,618	9,300	9,858
Services to buildings	805	823	857	882	907	930	950	983	994
Personnel supply services	1,629	1,906	2,272	2,476	2,654	2,985	3,278	3,616	3,887
Help supply services	1,411	1,669	2,017	2,189	2,352	2,656	2,926	3,248	3,487
Computer and data processing services	836	893	959	1,090	1,228	1,409	1,615	1,875	2,095

See note at end of table.

Table 13. Employees on nonfarm payrolls by industry, annual averages, 1992-2000—Continued

(In thousands)

Industry	1992	1993	1994	1995	1996	1997	1998	1999	2000
Services—Continued									
Auto repair, services, and parking	881	925	968	1,020	1,080	1,120	1,145	1,196	1,248
Miscellaneous repair services	347	349	338	359	372	374	376	372	366
Motion pictures	401	412	441	488	525	550	576	599	594
Amusement and recreation services	1,188	1,258	1,334	1,417	1,476	1,552	1,594	1,651	1,728
Health services	8,490	8,756	8,992	9,230	9,478	9,703	9,853	9,977	10,095
Offices and clinics of medical doctors	1,463	1,506	1,545	1,609	1,678	1,739	1,806	1,875	1,924
Nursing and personal care facilities	1,533	1,585	1,649	1,691	1,730	1,756	1,772	1,786	1,796
Hospitals	3,750	3,779	3,763	3,772	3,812	3,860	3,930	3,974	3,990
Home health care services	398	469	559	629	675	710	666	636	643
Legal services	914	924	924	921	928	944	971	996	1,010
Educational services	1,678	1,711	1,850	1,965	2,030	2,104	2,178	2,267	2,325
Social services	1,959	2,070	2,200	2,336	2,413	2,518	2,646	2,783	2,903
Child day care services	451	473	515	563	565	576	621	680	712
Residential care	534	567	604	643	677	716	744	771	806
Museums, botanical and zoological gardens	73	76	79	80	85	90	94	99	106
Membership organizations	1,973	2,035	2,082	2,146	2,201	2,277	2,372	2,436	2,475
Engineering and management services	2,471	2,521	2,579	2,731	2,844	2,988	3,139	3,256	3,419
Engineering and architectural services	742	757	778	815	836	865	908	957	1,017
Management and public relations	655	688	719	805	870	939	1,000	1,031	1,090
Government	18,645	18,841	19,128	19,305	19,419	19,557	19,823	20,206	20,681
Federal	2,969	2,915	2,870	2,822	2,757	2,699	2,686	2,669	2,777
Federal, except Postal Service	2,177	2,128	2,053	1,978	1,901	1,842	1,819	1,796	1,917
State government	4,408	4,488	4,576	4,635	4,606	4,582	4,612	4,709	4,785
State government, except education	2,610	2,654	2,694	2,715	2,695	2,678	2,690	2,726	2,753
State government education	1,799	1,834	1,882	1,919	1,911	1,904	1,922	1,983	2,032
Local government	11,267	11,438	11,682	11,849	12,056	12,276	12,525	12,829	13,119
Local government, except education	5,048	5,085	5,203	5,243	5,308	5,357	5,440	5,540	5,679
Local government education	6,220	6,353	6,479	6,606	6,748	6,918	7,085	7,289	7,440

NOTE: Current estimates are projected from March 2000 benchmark levels.

Table 14. Average weekly hours of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-2000

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
1947	40.3	40.8	38.2	40.4	-	41.1	40.3	37.9	-
1948	40.0	39.4	38.1	40.0	-	41.0	40.2	37.9	-
1949	39.4	36.3	37.7	39.1	-	40.8	40.4	37.8	-
1950	39.8	37.9	37.4	40.5	-	40.7	40.4	37.7	-
1951	39.9	38.4	38.1	40.6	-	40.8	40.4	37.7	-
1952	39.9	38.6	38.9	40.7	-	40.7	39.8	37.8	-
1953	39.6	38.8	37.9	40.5	-	40.6	39.1	37.7	-
1954	39.1	38.6	37.2	39.6	-	40.5	39.2	37.6	-
1955	39.6	40.7	37.1	40.7	-	40.7	39.0	37.6	-
1956	39.3	40.8	37.5	40.4	-	40.5	38.6	36.9	-
1957	38.8	40.1	37.0	39.8	-	40.3	38.1	36.7	-
1958	38.5	38.9	36.8	39.2	-	40.2	38.1	37.1	-
1959	39.0	40.5	37.0	40.3	-	40.6	38.2	37.3	-
1960	38.6	40.4	36.7	39.7	-	40.5	38.0	37.2	-
1961	38.6	40.5	36.9	39.8	-	40.5	37.6	36.9	-
1962	38.7	41.0	37.0	40.4	-	40.6	37.4	37.3	-
1963	38.8	41.6	37.3	40.5	-	40.6	37.3	37.5	-
1964	38.7	41.9	37.2	40.7	41.1	40.7	37.0	37.3	36.1
1965	38.8	42.3	37.4	41.2	41.3	40.8	36.6	37.2	35.9
1966	38.6	42.7	37.6	41.4	41.2	40.7	35.9	37.3	35.5
1967	38.0	42.6	37.7	40.6	40.5	40.3	35.3	37.1	35.1
1968	37.8	42.6	37.3	40.7	40.6	40.1	34.7	37.0	34.7
1969	37.7	43.0	37.9	40.6	40.7	40.2	34.2	37.1	34.7
1970	37.1	42.7	37.3	39.8	40.5	39.9	33.8	36.7	34.4
1971	36.9	42.4	37.2	39.9	40.1	39.4	33.7	36.6	33.9
1972	37.0	42.6	36.5	40.5	40.4	39.4	33.4	36.6	33.9
1973	36.9	42.4	36.8	40.7	40.5	39.2	33.1	36.6	33.8
1974	36.5	41.9	36.6	40.0	40.2	38.8	32.7	36.5	33.6
1975	36.1	41.9	36.4	39.5	39.7	38.6	32.4	36.5	33.5
1976	36.1	42.4	36.8	40.1	39.8	38.7	32.1	36.4	33.3
1977	36.0	43.4	36.5	40.3	39.9	38.8	31.6	36.4	33.0
1978	35.8	43.4	36.8	40.4	40.0	38.8	31.0	36.4	32.8
1979	35.7	43.0	37.0	40.2	39.9	38.8	30.6	36.2	32.7
1980	35.3	43.3	37.0	39.7	39.6	38.4	30.2	36.2	32.6
1981	35.2	43.7	36.9	39.8	39.4	38.5	30.1	36.3	32.6
1982	34.8	42.7	36.7	38.9	39.0	38.3	29.9	36.2	32.6
1983	35.0	42.5	37.1	40.1	39.0	38.5	29.8	36.2	32.7
1984	35.2	43.3	37.8	40.7	39.4	38.5	29.8	36.5	32.6
1985	34.9	43.4	37.7	40.5	39.5	38.4	29.4	36.4	32.5
1986	34.8	42.2	37.4	40.7	39.2	38.3	29.2	36.4	32.5
1987	34.8	42.4	37.8	41.0	39.2	38.1	29.2	36.3	32.5
1988	34.7	42.3	37.9	41.1	38.2	38.1	29.1	35.9	32.6
1989	34.6	43.0	37.9	41.0	38.3	38.0	28.9	35.8	32.6
1990	34.5	44.1	38.2	40.8	38.4	38.1	28.8	35.8	32.5
1991	34.3	44.4	38.1	40.7	38.1	38.1	28.6	35.7	32.4
1992	34.4	43.9	38.0	41.0	38.3	38.2	28.8	35.8	32.5
1993	34.5	44.3	38.5	41.4	39.3	38.2	28.8	35.8	32.5
1994	34.7	44.8	38.9	42.0	39.7	38.4	28.9	35.8	32.5
1995	34.5	44.7	38.9	41.6	39.4	38.3	28.8	35.9	32.4
1996	34.4	45.3	39.0	41.6	39.6	38.3	28.8	35.9	32.4
1997	34.6	45.4	39.0	42.0	39.7	38.4	28.9	36.1	32.6
1998	34.6	43.9	38.9	41.7	39.5	38.3	29.0	36.4	32.6
1999	34.5	43.2	39.1	41.7	38.7	38.3	29.0	36.2	32.6
2000	34.5	43.1	39.3	41.6	38.6	38.5	28.9	36.3	32.7

Dash indicates data not available.

NOTE: Current estimates are projected from March 2000 benchmark levels.

Table 15. Indexes of aggregate weekly hours of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-2000

(1982=100)

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
1947	-	101.4	62.0	105.8	-	56.8	-	-	-
1948	-	101.9	67.6	104.2	-	59.5	-	-	-
1949	-	86.8	66.7	93.0	-	59.0	-	-	-
1950	-	88.3	71.3	102.2	-	59.7	-	-	-
1951	-	91.9	81.0	109.6	-	61.7	-	-	-
1952	-	88.2	83.3	109.6	-	63.3	-	-	-
1953	-	84.8	80.5	114.8	-	63.7	-	-	-
1954	-	75.5	78.2	102.4	-	63.1	-	-	-
1955	-	78.9	83.4	109.0	-	64.4	-	-	-
1956	-	81.5	90.2	109.5	-	65.9	-	-	-
1957	-	79.6	86.6	105.9	-	65.4	-	-	-
1958	-	67.9	80.8	94.8	-	63.6	-	-	-
1959	-	68.1	86.7	102.3	-	66.4	-	-	-
1960	-	65.7	83.2	100.7	-	67.3	-	-	-
1961	-	61.5	81.4	97.0	-	66.8	-	-	-
1962	-	59.8	83.9	101.6	-	68.1	-	-	-
1963	-	59.1	86.8	102.4	-	68.8	-	-	-
1964	75.8	59.4	89.1	104.9	87.7	70.6	73.2	60.4	51.9
1965	79.1	59.6	93.4	111.5	89.9	73.3	75.9	61.4	54.0
1966	82.5	59.3	96.3	119.2	91.7	75.7	77.6	62.8	56.4
1967	82.9	57.0	93.8	117.1	92.1	76.5	78.3	64.8	58.9
1968	84.9	56.0	95.6	119.2	93.4	77.7	80.1	67.8	61.3
1969	87.7	57.9	103.6	121.0	96.3	80.6	82.6	71.6	64.2
1970	86.3	57.6	101.3	112.8	96.9	81.7	83.4	73.0	65.3
1971	85.8	54.9	103.6	108.8	95.1	80.4	85.3	74.3	65.6
1972	89.2	57.8	107.9	114.8	97.3	82.5	88.2	76.5	68.0
1973	93.2	58.8	113.7	121.7	99.9	85.6	90.9	78.9	71.3
1974	93.2	63.4	109.5	118.1	100.4	87.6	91.0	79.8	73.9
1975	88.8	68.3	92.7	103.8	94.6	86.4	90.6	79.9	76.0
1976	92.3	71.5	94.0	110.3	95.5	89.1	93.9	81.5	78.8
1977	96.0	76.5	100.2	115.0	97.9	92.5	96.5	85.4	82.0
1978	100.7	79.0	112.2	120.1	101.3	97.7	100.0	90.3	86.3
1979	104.0	88.2	119.9	122.1	104.9	102.0	101.5	94.4	90.2
1980	102.8	94.1	115.1	113.8	104.1	101.9	100.1	97.8	94.3
1981	104.1	104.8	109.3	112.5	103.3	103.3	100.6	105.5	98.2
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	101.5	81.5	102.2	101.4	97.3	99.9	102.7	101.6	103.6
1984	107.7	84.9	116.8	109.0	102.8	105.3	108.2	106.4	108.2
1985	110.5	81.4	125.3	106.9	104.6	108.4	111.7	110.9	114.0
1986	112.3	65.7	128.2	105.7	104.0	108.5	114.3	116.7	119.2
1987	115.6	61.8	132.7	107.0	106.5	109.4	117.9	120.1	124.9
1988	119.3	61.7	136.9	109.3	108.2	113.3	121.0	119.2	132.2
1989	122.1	60.5	138.9	109.3	111.1	116.1	122.9	119.5	139.3
1990	123.0	63.9	138.0	106.4	114.5	115.7	123.0	120.2	144.2
1991	120.4	62.0	122.8	102.1	113.4	113.7	119.5	118.3	145.3
1992	121.2	56.2	118.4	101.7	113.6	112.8	120.6	118.1	149.3
1993	124.6	54.3	125.4	103.1	118.2	112.8	123.4	121.2	155.4
1994	130.0	54.6	136.4	107.0	121.8	116.9	128.6	124.0	163.1
1995	133.5	54.1	140.9	107.5	123.9	121.1	132.2	122.9	170.7
1996	136.7	55.6	148.7	107.2	127.5	122.9	134.6	125.0	177.4
1997	141.5	58.3	156.2	109.4	130.5	126.1	137.7	129.6	186.6
1998	145.1	56.0	164.7	109.0	132.3	127.9	140.0	136.3	194.2
1999	148.2	50.1	176.1	107.2	134.3	129.6	143.5	138.4	201.5
2000	151.6	51.3	184.8	105.9	137.9	132.0	146.1	138.5	209.6

Dash indicates data not available.

NOTE: Current estimates are projected from March 2000 benchmark levels.

Table 16. Percent distribution of all hours worked by women in the private business sector by years of completed schooling, 1948-99

Year	Years of completed schooling						
	0-4	5-8	9-11	12	13-15	16	17+
1948	4.8	29.5	18.8	36.3	6.8	2.5	1.3
1949	4.5	25.4	20.5	35.5	9.2	3.2	1.6
1950	4.5	25.4	20.3	35.7	9.2	3.2	1.6
1951	4.6	25.8	20.1	36.4	8.4	3.2	1.6
1952	4.6	26.2	19.8	37.0	7.6	3.2	1.6
1953	4.3	25.5	19.9	37.9	7.7	3.2	1.6
1954	4.1	24.7	19.8	38.8	7.8	3.3	1.6
1955	3.7	24.1	19.8	39.6	7.8	3.3	1.6
1956	3.4	23.4	19.9	40.4	7.9	3.4	1.6
1957	3.1	22.5	19.8	41.3	8.0	3.5	1.7
1958	3.0	22.3	20.6	40.2	8.8	3.4	1.6
1959	2.9	22.5	21.7	38.7	9.5	3.2	1.5
1960	2.7	21.7	22.2	38.0	10.6	3.3	1.5
1961	2.5	20.5	20.8	40.3	10.5	4.1	1.2
1962	2.3	18.9	19.4	43.0	10.6	4.8	1.0
1963	2.2	18.5	19.4	44.2	10.1	4.4	1.2
1964	2.1	18.2	19.4	45.2	9.7	4.0	1.4
1965	2.0	17.4	19.2	45.9	9.7	4.2	1.6
1966	1.6	16.7	19.1	47.4	10.3	3.5	1.5
1967	1.3	15.2	18.9	48.0	12.0	3.5	1.1
1968	1.4	13.5	18.6	50.1	11.7	3.3	1.3
1969	1.1	12.4	17.7	50.6	12.3	4.1	1.7
1970	1.1	11.7	17.2	50.3	13.2	4.4	2.1
1971	1.2	10.5	16.9	51.3	13.6	4.8	1.6
1972	1.1	9.5	16.0	52.5	14.2	4.8	1.8
1973	1.0	8.9	15.5	50.8	15.9	5.6	2.2
1974	.8	8.3	14.9	50.8	16.1	6.3	2.8
1975	.8	7.7	15.1	50.3	16.4	6.9	2.8
1976	.9	7.3	14.9	50.4	16.8	7.1	2.7
1977	.8	6.9	14.4	50.1	17.6	7.3	2.8
1978	.8	6.0	13.2	50.4	18.5	7.7	3.4
1979	.7	5.7	12.4	50.2	18.8	8.6	3.6
1980	.6	5.2	11.9	50.0	19.7	8.9	3.6
1981	.7	4.9	11.3	49.8	19.7	9.3	4.4
1982	.6	4.4	10.4	48.7	20.6	10.4	4.9
1983	.6	3.9	9.9	48.5	21.0	11.0	5.2
1984	.6	3.7	9.7	47.3	22.0	11.7	5.1
1985	.5	3.4	9.1	47.0	22.6	12.2	5.2
1986	.4	3.3	8.9	46.8	22.7	12.3	5.5
1987	.7	3.0	9.3	46.0	23.0	12.5	5.5
1988	.7	2.8	9.0	45.6	22.8	13.2	5.9
1989	.6	2.7	8.5	45.0	23.3	13.5	6.3
1990	.6	2.7	8.4	44.4	23.4	14.1	6.3
1991 ¹	.5	2.2	6.6	41.1	29.5	15.2	4.9
1992 ²	.5	2.1	6.2	39.8	30.4	15.7	5.2
1993	.5	2.2	6.6	37.4	32.2	15.8	5.2
1994	.5	2.2	6.6	36.5	32.4	16.2	5.6
1995	.5	2.2	6.8	36.1	31.8	16.9	5.7
1996	.4	2.1	6.5	36.7	31.2	17.4	5.7
1997	.5	2.1	6.3	35.8	31.5	17.6	6.2
1998	.5	2.0	6.6	35.3	31.7	17.8	6.0
1999	.5	2.1	6.4	34.5	32.2	18.2	6.2

¹March 1992 Current Population Survey used in measuring 1991 data revised questions on educational attainment. Data prior to 1991 are not strictly comparable.
²May not be strictly comparable before 1993 data due

to comprehensive revisions in the CPS questionnaire.
 NOTE: Rows may not sum to 100.0 due to rounding.

Table 17. Percent distribution of all hours worked by men in the private business sector by years of completed schooling, 1948-99

Year	Years of completed schooling						
	0-4	5-8	9-11	12	13-15	16	17+
1948	8.3	35.6	20.5	23.1	6.5	3.6	2.4
1949	9.3	36.0	19.5	21.4	7.1	4.0	2.7
1950	9.1	35.9	19.5	21.5	7.2	4.1	2.7
1951	8.8	35.1	19.1	22.4	7.4	4.3	2.9
1952	8.5	34.4	18.8	23.3	7.6	4.4	3.0
1953	8.1	33.4	19.0	24.0	7.7	4.7	3.2
1954	7.6	32.4	19.1	24.7	7.7	4.9	3.4
1955	7.1	31.3	19.4	25.7	7.8	5.1	3.6
1956	6.7	30.3	19.6	26.5	7.9	5.3	3.7
1957	6.2	29.3	19.8	27.3	7.9	5.5	3.9
1958	5.9	28.9	20.2	26.8	8.6	5.5	4.0
1959	5.5	28.4	20.7	26.4	9.3	5.5	4.0
1960	5.2	27.8	21.1	26.1	10.1	5.6	4.1
1961	4.8	25.8	20.4	28.2	10.2	6.5	4.2
1962	4.5	23.8	19.6	30.2	10.2	7.3	4.3
1963	4.1	22.9	19.6	31.5	10.2	7.2	4.5
1964	3.7	22.0	19.6	32.8	10.2	7.0	4.7
1965	3.8	21.1	19.3	33.8	10.1	7.5	4.5
1966	3.4	20.4	19.5	34.4	10.2	7.8	4.4
1967	2.9	18.6	18.8	35.3	11.9	7.6	5.1
1968	2.7	17.9	18.7	35.8	12.2	7.7	5.0
1969	2.5	17.0	17.7	36.4	12.8	8.2	5.4
1970	2.4	15.7	16.9	37.2	13.5	8.6	5.7
1971	2.3	14.8	17.2	37.2	13.8	8.8	5.8
1972	2.3	12.9	16.3	38.8	14.6	9.1	6.0
1973	2.1	12.4	15.7	38.6	15.2	9.5	6.5
1974	1.7	10.7	14.9	38.7	16.0	10.9	7.2
1975	1.8	10.8	14.9	38.9	15.9	10.7	7.0
1976	1.7	10.1	15.0	38.5	16.4	10.9	7.3
1977	1.7	9.7	14.5	38.4	17.4	10.9	7.5
1978	1.5	8.9	13.6	39.0	18.1	11.1	7.8
1979	1.4	8.5	13.7	39.0	17.8	11.5	8.1
1980	1.4	7.8	13.1	39.5	17.8	12.1	8.3
1981	1.3	7.3	12.5	39.6	17.6	12.5	9.2
1982	1.3	6.5	11.7	38.6	18.0	13.8	10.2
1983	1.0	6.4	10.9	39.2	18.4	13.9	10.1
1984	1.1	6.2	11.0	39.2	18.7	14.1	9.8
1985	1.1	5.8	10.5	39.4	19.4	14.5	9.5
1986	1.0	5.6	10.7	39.0	39.0	14.5	9.9
1987	1.1	5.2	10.7	39.2	18.8	14.8	10.1
1988	1.2	5.1	10.2	38.8	19.5	14.7	10.6
1989	1.3	4.9	10.0	38.8	20.0	15.2	10.1
1990	1.2	4.5	9.7	39.2	20.2	15.1	10.0
1991	1.0	3.9	8.2	37.1	24.4	17.0	8.4
1992	1.0	3.7	7.8	36.2	25.0	17.2	9.1
1993	1.0	3.8	7.7	35.2	26.0	17.4	8.9
1994	1.0	3.7	7.6	34.7	26.1	18.0	8.9
1995	1.0	3.7	8.0	34.5	26.3	17.6	8.9
1996	1.0	3.7	8.1	34.3	26.0	18.0	8.8
1997	1.0	3.4	7.8	34.8	26.0	18.2	8.9
1989	0.8	3.3	7.8	34.5	25.9	19.0	8.7
1999	0.9	3.4	7.4	33.9	26.2	18.9	9.3

¹ March 1992 Current Population Survey used in measuring 1991 data contained revised questions on educational attainment. Data prior to 1991 are not strictly comparable.

² May not be strictly comparable before 1993 data due to comprehensive revisions in the CPS questionnaire.

NOTE: Rows may not sum to 100.0 due to rounding.

Table 18. Employment Cost Index for wages and salaries, annual averages,¹ 1976-00

Year	Civilian workers	State and local government workers	Private industry workers						
			All private industry workers	White collar workers	Blue collar workers	Goods-producing workers	Service-producing workers	Manufacturing workers	Nonmanufacturing workers
1976	-	-	47.9	46.8	49.5	49.0	47.1	48.3	47.7
1977	-	-	51.3	49.8	53.3	52.8	50.1	52.1	50.8
1978	-	-	55.2	53.5	57.5	57.0	53.9	56.2	54.7
1979	-	-	59.6	57.5	62.4	61.6	58.1	60.9	59.0
1980	-	-	65.1	62.7	68.4	67.5	63.4	66.8	64.2
1981	-	-	71.0	68.5	74.6	73.5	69.2	72.8	70.2
1982	75.1	71.0	76.0	73.6	79.4	78.6	74.2	77.7	75.2
1983	79.1	75.0	80.0	77.9	83.0	82.0	78.5	81.2	79.4
1984	82.8	79.3	83.5	81.7	86.0	85.2	82.5	84.7	83.1
1985	86.5	83.8	87.2	85.7	89.2	88.6	86.3	88.3	86.7
1986	89.9	88.3	90.2	89.2	91.7	91.5	89.4	91.3	89.7
1987	92.9	92.4	93.1	92.4	94.0	93.9	92.5	93.9	92.8
1988	96.6	96.7	96.5	96.1	97.1	97.2	96.1	97.1	96.3
1989	100.8	101.6	100.6	100.7	100.4	100.5	100.7	100.5	100.7
1990	105.3	107.2	104.8	105.3	104.1	104.6	105.0	104.9	104.8
1991	109.4	111.9	108.8	109.5	107.6	108.4	109.0	108.9	108.7
1992	112.6	115.1	111.9	112.7	110.7	111.8	112.0	112.6	111.6
1993	115.8	118.4	115.2	116.1	113.7	114.9	115.3	116.0	114.8
1994	119.2	121.8	118.5	119.7	116.9	118.4	118.6	119.5	118.1
1995	122.6	125.7	121.9	123.1	120.3	121.7	122.0	123.2	121.3
1996	126.6	129.2	126.0	127.4	123.9	125.5	126.2	127.0	125.4
1997	130.9	132.7	130.4	132.1	127.7	129.2	130.9	130.7	130.1
1998	135.9	136.7	135.7	137.9	131.8	133.7	136.5	135.3	135.5
1999	140.5	141.1	140.2	142.7	136.1	138.0	141.3	139.6	140.2
2000	146.1	146.1	146.0	148.8	141.1	143.4	147.1	144.9	146.0

Dash indicates data not available.

¹ The annual average is the average for four quarters of a year.

Table 19. Employer compensation costs per employee hours worked, all private industry, 1986-00

Measure	Total compensation	Wages and salaries	Total benefits	Paid leave	Supplemental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits
Cost per hour worked									
1986	\$13.25	\$9.67	\$3.58	\$0.93	\$0.30	\$0.73	\$0.50	\$1.11	\$0.02
1987	13.42	9.83	3.60	.93	.32	.72	.48	1.13	.02
1988	13.79	10.02	3.77	.97	.33	.78	.45	1.22	.02
1989	14.28	10.38	3.90	1.00	.34	.85	.42	1.27	.02
1990	14.96	10.84	4.13	1.03	.37	.92	.45	1.35	(¹)
1991	15.40	11.14	4.27	1.05	.36	1.01	.44	1.40	(¹)
1992	16.14	11.58	4.55	1.09	.39	1.12	.46	1.47	.02
1993	16.70	11.90	4.80	1.11	.42	1.19	.48	1.55	.04
1994	17.08	12.14	4.94	1.11	.44	1.23	.52	1.60	.04
1995	17.10	12.25	4.85	1.09	.47	1.15	.52	1.59	.03
1996	17.49	12.58	4.91	1.12	.49	1.14	.55	1.59	.03
1997	17.97	13.04	4.94	1.14	.51	1.09	.55	1.62	.03
1998	18.50	13.47	5.02	1.16	.56	1.10	.55	1.63	.03
1999	19.00	13.87	5.13	1.20	.55	1.13	.57	1.65	.03
2000	19.85	14.49	5.36	1.28	.60	1.19	.59	1.67	.03
Percent of total compensation									
1986	100.0	73.0	27.0	7.0	2.3	5.5	3.8	8.4	.1
1987	100.0	73.2	26.8	6.9	2.4	5.4	3.6	8.4	.1
1988	100.0	72.7	27.3	7.0	2.4	5.6	3.3	8.8	.2
1989	100.0	72.7	27.3	7.0	2.4	6.0	2.9	8.9	.1
1990	100.0	72.4	27.6	6.9	2.5	6.1	3.0	9.0	(¹)
1991	100.0	72.3	27.7	6.8	2.3	6.5	2.9	9.1	(¹)
1992	100.0	71.8	28.2	6.8	2.4	6.9	2.9	9.1	.1
1993	100.0	71.3	28.7	6.6	2.5	7.2	2.9	9.3	.2
1994	100.0	71.1	28.9	6.5	2.6	7.2	3.0	9.4	.2
1995	100.0	71.6	28.4	6.4	2.8	6.7	3.0	9.3	.2
1996	100.0	71.9	28.1	6.4	2.8	6.5	3.1	9.1	.2
1997	100.0	72.5	27.5	6.3	2.9	6.1	3.0	9.0	.1
1998	100.0	72.8	27.1	6.3	3.0	5.9	3.0	8.8	.2
1999	100.0	73.0	27.0	6.3	2.9	5.9	3.0	8.7	.2
2000	100.0	73.0	27.0	6.4	3.0	6.0	3.0	8.4	.2

¹ Cost per hour worked is \$0.01 or less.

Table 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² April 2000

Occupation ³	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA	Washington-Baltimore, DC-MD-VA-WV	Detroit-Ann Arbor-Flint, MI	San Francisco-Oakland-San Jose, CA	Los Angeles-Riverside-Orange County CA
ALL	\$21.18	\$18.47	\$19.27	\$22.06	\$18.27
All, excluding sales	21.46	18.55	19.47	22.52	18.45
WHITE COLLAR	25.44	22.18	23.29	26.21	22.71
White collar, excluding sales	26.31	22.80	24.30	27.45	23.71
Professional specialty and technical	32.30	27.20	28.84	33.14	29.87
Professional specialty	34.11	28.65	31.40	34.82	31.80
Engineers, architects, and surveyors	31.03	30.66	31.96	37.61	34.64
Aerospace engineers	—	—	—	—	35.94
Civil engineers	—	29.93	—	35.13	28.93
Electrical and electronic engineers	34.74	33.88	—	38.94	—
Industrial engineers	27.23	—	28.77	31.02	—
Mechanical engineers	27.16	—	31.49	—	30.24
Engineers, n.e.c.	32.34	34.18	34.08	38.95	33.90
Mathematical and computer scientists	39.31	29.23	28.78	37.31	28.53
Computer systems analysts and scientists	37.09	29.58	27.69	37.16	28.42
Operations and systems researchers and analysts	60.34	23.71	30.54	—	—
Natural scientists	36.39	25.63	22.45	28.07	28.99
Chemists, except biochemists	37.07	—	—	—	—
Medical scientists	39.84	—	—	—	—
Health related	28.05	25.08	24.74	29.97	27.25
Physicians	31.44	36.47	32.64	36.68	51.68
Registered nurses	27.74	22.51	23.26	30.09	24.97
Pharmacists	27.31	32.93	32.21	—	34.47
Dietitians	18.34	—	17.08	22.51	—
Respiratory therapists	22.77	22.09	—	—	—
Speech therapists	—	29.02	—	—	—
Therapists, n.e.c.	—	18.93	—	—	—
Teachers, college and university	48.35	33.96	41.49	46.87	39.00
Engineering teachers	—	—	65.61	—	—
Mathematical science teachers	—	33.83	—	—	—
Medical science teachers	97.97	—	—	—	—
Health specialties teachers	—	—	36.85	—	—
Business, commerce and marketing teachers	—	31.26	—	43.65	50.66
English teachers	—	—	—	—	34.94
Teachers, except college and university	38.31	27.37	38.26	34.10	32.63
Prekindergarten and kindergarten	33.43	21.27	35.49	26.29	14.05
Elementary school teachers	41.53	29.24	40.12	37.53	35.90
Secondary school teachers	44.12	31.45	41.42	33.07	36.11
Teachers, special education	42.40	27.60	37.71	42.75	—
Teachers, n.e.c.	36.87	27.78	33.63	30.81	30.31
Substitute teachers	11.52	—	—	—	17.96
Vocational and educational counselors	26.63	23.69	24.87	22.16	27.31
Librarians, archivists, and curators	32.47	23.46	27.80	26.93	—
Librarians	30.80	23.35	27.80	26.93	—
Social scientists and urban planners	31.64	26.70	—	28.12	32.83
Economists	31.77	—	—	29.01	—
Psychologists	32.13	22.82	—	26.77	30.86
Social, recreation, and religious workers	22.41	17.03	24.30	22.74	20.45
Social workers	22.73	17.42	24.53	24.40	21.48
Recreation workers	16.53	16.05	—	—	14.03
Lawyers and judges	47.52	53.67	56.31	61.53	39.55
Lawyers	47.52	62.46	56.07	61.53	39.55
Writers, authors, entertainers, athletes, and professionals, n.e.c.	31.76	30.17	33.31	26.20	39.56
Designers	31.35	19.49	—	—	33.43
Editors and reporters	38.58	32.76	—	—	37.43
Public relations specialists	22.58	—	—	—	—
Athletes	16.67	—	—	—	—
Professionals, n.e.c.	30.82	—	—	21.96	23.80
Technical	24.33	21.01	20.08	25.40	21.61
Clinical laboratory technologists and technicians	19.60	16.75	19.69	24.57	21.98
Health record technologists and technicians	—	12.49	15.98	—	—
Radiological technicians	23.53	19.37	19.15	26.34	20.82
Licensed practical nurses	17.62	16.01	16.08	18.96	15.11
Health technologists and technicians, n.e.c.	16.61	16.43	13.22	18.89	16.72
Electrical and electronic technicians	20.12	18.89	22.75	23.60	22.11
Mechanical engineering technicians	—	—	23.99	—	—
Engineering technicians, n.e.c.	17.62	—	25.32	22.28	23.62
Drafters	—	—	23.33	27.54	—
Airplane pilots and navigators	—	93.39	—	—	80.85
Broadcast equipment operators	—	20.32	—	—	—
Computer programmers	28.50	19.95	32.18	30.05	—
Legal assistants	—	—	—	23.02	—
Technical and related, n.e.c.	22.52	17.68	19.91	24.54	25.53

See footnotes at end of table.

Table 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² April 2000—Continued

Occupation ³	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA	Washington-Baltimore, DC-MD-VA-WV	Detroit-Ann Arbor-Flint, MI	San Francisco-Oakland-San Jose, CA	Los Angeles-Riverside-Orange County CA
WHITE COLLAR—Continued					
Executive, administrative, and managerial	\$34.67	\$29.16	\$31.88	\$36.55	\$31.52
Executives, administrators, and managers	39.93	32.35	35.13	43.67	35.81
Administrators and officials, public administration	37.51	25.63	33.38	33.12	—
Financial managers	43.11	48.11	33.67	38.93	37.15
Personnel and labor relations managers	37.05	30.19	—	—	36.74
Managers, marketing, advertising and public relations	47.29	43.78	42.96	45.45	36.09
Administrators, education and related fields	42.58	32.46	41.09	36.77	39.19
Managers, medicine and health	38.38	26.74	26.75	34.48	32.04
Managers, food servicing and lodging establishments	—	—	—	—	19.05
Managers, service organizations, n.e.c.	38.70	28.45	—	22.15	29.90
Managers and administrators, n.e.c.	38.26	33.36	38.08	49.70	37.83
Management related	26.57	22.97	27.21	26.92	24.05
Accountants and auditors	26.29	21.02	25.12	28.00	24.24
Other financial officers	27.67	29.50	30.45	31.39	21.35
Management analysts	32.23	—	27.74	29.58	28.14
Personnel, training, and labor relations specialists	25.90	20.49	24.69	25.63	22.44
Purchasing agents and buyers, n.e.c.	23.54	28.92	29.47	25.99	21.98
Construction inspectors	24.85	—	—	—	—
Inspectors and compliance officers, except construction	21.35	—	—	27.59	25.39
Management related, n.e.c.	27.70	24.52	27.66	24.65	23.51
Sales	16.06	17.39	16.25	15.24	15.73
Supervisors, sales	24.55	19.66	25.08	17.03	29.20
Sales, other business services	33.16	26.39	17.24	—	15.78
Sales representatives, mining, manufacturing, and wholesale	27.11	—	26.99	—	22.86
Sales workers, motor vehicles and boats	—	—	—	—	23.28
Sales workers, apparel	9.58	12.91	—	8.83	8.88
Sales workers, furniture & home furnishings	—	—	12.80	9.37	8.31
Sales workers, radio, tv, hi-fi, & appliances	17.70	—	—	—	—
Sales workers, hardware and building supplies	—	12.50	—	—	—
Sales workers, other commodities	9.28	9.37	11.00	13.65	13.50
Cashiers	9.26	11.08	8.36	10.68	10.76
Sales support, n.e.c.	14.70	—	—	14.56	11.15
Administrative support, including clerical	15.53	13.50	13.68	15.91	13.98
Supervisors, general office	21.29	18.92	19.07	22.90	19.67
Supervisors, financial records processing	20.96	—	—	—	—
Supervisors, distribution, scheduling, and adjusting clerks	19.48	—	—	—	22.82
Computer operators	15.52	—	17.67	21.39	—
Secretaries	17.22	15.25	15.54	18.97	16.74
Stenographers	18.96	—	—	21.52	—
Typists	14.00	14.13	11.79	14.92	14.01
Interviewers	12.85	—	—	—	10.86
Hotel clerks	11.44	8.24	—	—	—
Transportation ticket and reservation agents	16.32	15.15	—	14.65	13.87
Receptionists	12.64	9.91	10.43	11.76	11.04
Information clerks, n.e.c.	—	18.05	10.33	15.74	11.27
Order clerks	19.27	14.89	13.58	17.25	11.87
Personnel clerks, except payroll and timekeeping	14.30	14.24	16.15	18.89	14.41
Library clerks	12.46	9.66	9.79	15.83	12.87
File clerks	12.43	—	—	10.52	—
Records clerks, n.e.c.	14.42	13.19	11.80	12.67	13.72
Bookkeepers, accounting and auditing clerks	15.87	12.31	13.06	16.54	14.21
Payroll and timekeeping clerks	17.13	—	—	—	16.15
Billing clerks	12.92	12.90	11.67	15.74	—
Duplicating machine operators	—	—	—	—	12.83
Telephone operators	14.53	9.13	12.44	—	11.29
Mail clerks, except postal service	13.07	8.75	—	—	10.48
Messengers	9.36	—	—	—	—
Dispatchers	18.47	14.26	—	19.70	18.67
Production coordinators	—	—	21.27	17.23	16.61
Traffic, shipping and receiving clerks	12.88	—	12.71	16.11	10.15
Stock and inventory clerks	12.78	15.04	13.47	14.46	14.04
Meter readers	—	—	—	—	17.83
Material recording, scheduling, and distribution clerks, n.e.c.	13.69	10.06	14.73	15.04	—
Insurance adjusters, examiners, and investigators	18.93	—	13.37	—	—

See footnotes at end of table.

Table 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² April 2000—Continued

Occupation ³	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA	Washington-Baltimore, DC-MD-VA-WV	Detroit-Ann Arbor-Flint, MI	San Francisco-Oakland-San Jose, CA	Los Angeles-Riverside-Orange County CA
WHITE COLLAR—Continued					
Administrative support, including clerical—Continued					
Investigators and adjusters, except insurance	\$16.60	\$13.52	\$12.36	\$18.49	\$16.67
Eligibility clerks, social welfare	15.71	14.26	—	19.25	13.85
Bill and account collectors	—	—	13.35	—	12.86
General office clerks	14.18	12.91	13.05	14.71	12.82
Bank tellers	10.79	—	10.52	10.04	8.99
Data entry keyers	12.11	9.71	9.43	10.83	13.15
Teachers' aides	14.73	10.94	11.09	11.73	12.45
Administrative support, n.e.c.	15.91	12.06	13.45	17.23	13.81
BLUE COLLAR	15.48	14.89	17.12	16.55	13.60
Precision production, craft, and repair	21.75	17.96	21.80	21.80	19.63
Supervisors, mechanics and repairers	25.26	—	23.88	26.43	26.55
Automobile mechanics	24.31	16.02	19.76	32.02	18.05
Bus, truck, and stationary engine mechanics	—	—	—	20.75	—
Heavy equipment mechanics	—	—	22.19	—	—
Industrial machinery repairers	18.60	16.30	21.08	—	20.06
Machinery maintenance	—	—	—	—	13.54
Electronic repairers, communications and industrial equipment	—	—	—	17.69	22.03
Millwrights	—	—	24.32	—	—
Mechanics and repairers, n.e.c.	20.74	19.01	21.07	21.70	17.06
Supervisors, electricians and power transmission installers	28.74	—	—	—	—
Supervisors, construction trades, n.e.c.	—	—	24.90	—	—
Carpenters	23.90	14.85	—	—	20.01
Electricians	23.12	21.14	25.25	30.18	24.78
Electrician apprentices	—	11.75	—	—	—
Painters, construction and maintenance	24.40	—	23.68	—	13.48
Plumbers, pipefitters and steamfitters	—	—	26.59	—	—
Construction trades, n.e.c.	—	—	17.04	22.16	19.44
Drillers, oil well	—	—	—	—	18.42
Supervisors, production	23.98	21.65	20.05	23.99	25.32
Tool and die makers	—	—	24.61	—	19.42
Machinists	—	—	21.67	—	18.34
Precision grinders, filers, and tool sharpeners	—	—	24.40	—	—
Electrical and electronic equipment assemblers ..	13.18	15.46	—	11.97	10.44
Butchers and meat cutters	—	—	14.31	—	10.06
Inspectors, testers, and graders	—	—	21.64	12.37	16.62
Water and sewer treatment plant operators	—	—	—	—	22.10
Stationary engineers	22.62	18.62	—	26.62	—
Machine operators, assemblers, and inspectors	11.26	14.10	15.97	13.02	10.45
Punching and stamping press operators	10.61	—	16.06	—	—
Grinding, abrading, buffing, and polishing machine operators	10.93	—	15.02	—	—
Fabricating machine operators, n.e.c.	11.74	—	21.74	—	11.80
Molding and casting machine operators	—	—	9.49	—	7.50
Printing press operators	—	17.77	—	—	14.09
Textile sewing machine operators	7.70	—	14.35	—	7.83
Laundering and dry cleaning machine operators	10.15	8.67	9.26	—	—
Packaging and filling machine operators	11.22	—	—	—	—
Mixing and blending machine operators	13.88	—	—	—	9.96
Photographic process machine operators	11.98	—	—	—	10.59
Miscellaneous machine operators, n.e.c.	12.67	11.16	13.45	12.92	11.61
Welders and cutters	—	—	18.66	—	16.30
Assemblers	8.80	17.67	17.35	12.31	10.06
Production inspectors, checkers and examiners ..	10.62	—	15.80	—	10.80
Transportation and material moving	16.21	14.52	15.87	16.44	13.24
Truck drivers	15.83	14.04	14.22	17.04	12.66
Driver-sales workers	—	9.79	—	—	—
Bus drivers	15.41	13.72	14.12	—	10.88
Taxicab drivers and chauffeurs	12.79	—	—	—	—
Motor transportation, n.e.c.	15.80	—	—	—	—
Crane and tower operators	—	—	20.04	—	—
Industrial truck and tractor equipment operators ..	15.63	16.39	15.86	17.38	12.76
Miscellaneous material moving equipment operators, n.e.c.	—	—	—	20.20	—
Handlers, equipment cleaners, helpers, and laborers	12.84	11.64	10.99	11.92	10.05
Groundskeepers and gardeners, except farm	12.51	10.19	13.99	16.17	11.21

See footnotes at end of table.

Table 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² April 2000—Continued

Occupation ³	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA	Washington-Baltimore, DC-MD-VA-WV	Detroit-Ann Arbor-Flint, MI	San Francisco-Oakland-San Jose, CA	Los Angeles-Riverside-Orange County CA
BLUE COLLAR—Continued					
Handlers, equipment cleaners, helpers, and laborers—Continued					
Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	\$18.86	—	—	—	—
Helpers, mechanics and repairers	—	—	—	—	\$10.31
Helpers, construction trades	15.45	—	—	—	—
Construction laborers	—	—	—	—	9.69
Production helpers	9.62	—	—	—	8.74
Stock handlers and baggers	12.05	\$10.22	\$9.68	\$10.46	10.68
Machine feeders and offbearers	—	—	—	—	10.12
Freight, stock, and material handlers, n.e.c.	12.24	13.29	11.06	15.89	9.66
Garage and service station related	—	—	—	9.33	—
Vehicle washers and equipment cleaners	—	10.63	—	—	7.30
Hand packers and packagers	11.03	11.52	10.53	8.31	8.87
Laborers, except construction, n.e.c.	11.64	10.13	13.17	14.89	10.67
SERVICE	14.02	10.85	10.91	13.61	11.59
Protective service					
Supervisors, police and detectives	20.97	17.22	14.93	18.92	16.80
Firefighting	33.52	—	—	—	—
Police and detectives, public service	—	18.11	16.49	22.55	—
Sheriffs, bailiffs, and other law enforcement officers	25.38	20.29	20.12	29.44	27.01
Correctional institution officers	21.72	17.58	—	24.25	22.91
Crossing guards	21.90	16.48	17.17	—	—
Guards and police, except public service	—	—	7.49	—	—
Protective service, n.e.c.	11.66	9.23	8.78	10.18	8.07
Food service					
Waiters, waitresses, and bartenders	15.09	17.85	—	—	—
Bartenders	8.94	7.68	7.86	9.48	8.05
Waiters and waitresses	6.59	4.69	5.55	8.87	6.29
Walters/waitresses' assistants	9.33	—	—	—	8.00
Other food service	6.36	4.00	4.14	8.63	5.92
Supervisors, food preparation and service	5.54	6.87	—	9.27	6.27
Cooks	9.77	9.55	8.51	9.71	8.74
Food counter, fountain, and related	15.36	15.15	—	—	16.05
Kitchen workers, food preparation	12.12	9.54	10.01	15.47	9.50
Food preparation, n.e.c.	9.62	7.64	6.27	—	6.83
Health service	11.25	8.49	8.17	9.30	8.28
Health aides, except nursing	7.86	8.03	7.40	8.04	7.30
Nursing aides, orderlies and attendants	10.33	9.67	10.02	12.49	9.63
Cleaning and building service	12.05	10.37	11.21	15.26	12.58
Supervisors, cleaning and building service workers	10.05	9.44	9.73	11.56	8.88
Maids and housemen	12.64	9.28	11.91	11.81	8.52
Janitors and cleaners	19.64	13.85	13.91	—	12.79
Personal service	13.36	8.71	7.99	10.23	7.76
Attendants, amusement and recreation facilities ..	12.03	9.01	12.18	12.08	8.21
Public transportation attendants	13.90	10.59	8.95	14.91	10.64
Baggage porters and bellhops	10.33	6.73	—	9.26	7.44
Early childhood teachers' assistants	28.18	22.79	—	—	25.98
Child care workers, n.e.c.	—	—	—	7.45	—
Service, n.e.c.	11.48	12.91	6.64	—	9.92
	9.68	8.80	10.27	14.42	10.29
	10.82	9.41	8.37	12.17	8.26

n.e.c. = not elsewhere classified.

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, hazard pay, deferred income payments, and deadhead pay. Excluded are shift differentials, premium pay for overtime, vacations and holidays, nonproduction bonuses, uniform and tool allowances, room and board, third party payments, on-call pay, and tips. The mean is computed by totaling the pay of all workers weighted by hours and dividing by the

number of workers.

² The average payroll month for the selected areas was April 2000.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into 1 of 9 major occupational groups.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 21. Mean hourly earnings¹ by occupational group and level,² all workers, selected areas,³ April 2000

Occupational group ⁴ and level	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA	Washington-Baltimore, DC-MD-VA-WV	Detroit-Ann Arbor-Flint, MI	San Francisco-Oakland-San Jose, CA	Los Angeles-Riverside-Orange County CA
Computer systems analysts and scientists	\$37.09	\$29.58	\$27.69	\$37.16	\$28.42
Level 7	—	24.92	—	27.82	—
Level 8	—	—	—	30.71	—
Level 9	30.77	27.72	26.48	35.13	25.39
Level 10	30.88	27.33	—	34.04	—
Level 11	34.51	33.34	28.82	39.48	33.47
Level 12	41.33	40.17	—	43.09	—
Level 13	45.86	—	—	46.27	—
Level 14	57.53	—	—	—	—
Registered nurses	27.74	22.51	23.26	30.09	24.97
Level 7	28.24	20.49	23.05	29.96	—
Level 8	27.31	22.27	22.59	28.06	23.24
Level 9	26.33	22.80	22.79	30.09	25.37
Level 10	34.49	—	—	34.66	—
Level 11	30.23	29.44	29.03	—	—
Accountants and auditors	26.29	21.02	25.12	28.00	24.24
Level 5	18.19	13.64	—	—	—
Level 7	20.81	21.16	—	—	19.17
Level 8	24.78	20.21	23.08	18.31	—
Level 9	26.60	25.63	28.61	29.26	26.82
Level 10	29.96	—	—	—	—
Level 11	31.71	—	—	—	—
Cashiers	9.26	11.08	8.36	10.68	10.76
Level 1	—	—	7.47	—	—
Level 2	—	7.05	8.91	—	—
Level 3	10.33	9.81	9.43	10.98	10.41
Level 4	10.67	—	—	—	11.41
Secretaries	17.22	15.25	15.54	18.97	16.74
Level 2	—	13.92	—	—	—
Level 3	13.95	12.79	12.46	—	12.74
Level 4	15.54	13.96	15.01	17.05	13.98
Level 5	17.53	14.45	16.47	19.16	16.66
Level 6	19.03	17.82	—	21.12	16.47
Level 7	20.50	17.62	19.91	20.99	19.49
Truck drivers	15.83	14.04	14.22	17.04	12.66
Level 2	—	—	—	17.45	—
Level 3	16.15	8.99	—	—	8.53
Level 4	14.98	15.45	—	18.57	16.22
Level 5	—	15.20	—	—	—
Guards and police, except public service	11.66	9.23	8.78	10.18	8.07
Level 3	9.44	8.10	—	—	—
Level 4	13.70	—	—	—	—
Janitors and cleaners	12.03	9.01	12.18	12.08	8.21
Level 1	11.08	7.82	10.45	8.81	7.62
Level 2	9.82	8.77	13.24	10.47	9.09
Level 3	14.15	11.80	14.45	15.93	11.53
Level 4	13.57	—	13.83	11.29	—

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, hazard pay, deferred income payments, and deadhead pay. Excluded are shift differentials, premium pay for overtime, vacations and holidays, nonproduction bonuses, uniform and tool allowances, room and board, third party payments, on-call pay, and tips. The mean is computed by totaling the pay of all workers weighted by hours and dividing by the number of workers.

² Each occupation for which wage data are collected in an establishment is evaluated based on 10 factors, including knowledge,

complexity, work environment, and others. Points are assigned based on the occupation's ranking within each factor. The points are summed to determine the overall level of the occupation.

³ The average payroll month for the selected areas was April 2000.

⁴ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into 1 of 9 major occupational groups.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 22. Hourly wage percentiles for establishment jobs,¹ all workers:² selected occupations, all industries, selected areas, April 2000

Occupation ³	New York-Northern New Jersey-Long Island, NY-NJ-CT-PA					Washington-Baltimore, DC-MD-VA-WV					Detroit-Ann Arbor-Flint, MI		
	10	25	Median 50	75	90	10	25	Median 50	75	90	10	25	Median 50
Computer systems analysts and scientists	\$25.25	\$29.64	\$35.18	\$43.51	\$52.94	\$18.99	\$22.74	\$28.80	\$34.88	\$40.90	\$21.02	\$25.97	\$27.15
Registered nurses	21.50	23.40	26.59	32.38	35.17	18.00	20.28	22.08	23.77	26.57	19.74	21.52	22.58
Accountants and auditors	19.81	20.60	24.72	31.25	36.05	13.44	16.35	19.82	23.35	28.30	20.20	21.74	24.27
Cashiers	6.48	7.25	7.53	9.79	15.84	5.89	7.50	10.72	15.74	15.89	6.68	7.00	8.00
Secretaries	12.84	14.16	17.00	19.84	22.30	11.29	12.78	14.17	17.44	20.07	10.87	12.31	14.27
Truck drivers	9.52	14.29	16.11	17.18	21.42	10.06	12.87	14.34	16.09	17.99	6.17	12.69	14.23
Guards and police, except public service	6.25	9.02	10.07	15.02	16.42	7.75	7.75	8.42	11.45	12.00	7.00	7.00	8.61
Janitors and cleaners	7.26	7.75	11.81	15.92	17.44	5.85	6.67	8.42	10.64	13.75	7.62	8.57	11.23

See footnotes at end of table.

Table 22. Hourly wage percentiles for establishment jobs,¹ all workers:² selected occupations, all industries, selected areas, April 2000 — Continued

Occupation ³	Detroit-Ann Arbor-Flint, MI		San Francisco-Oakland-San Jose, CA					Los Angeles-Riverside-Orange County CA				
	75	90	10	25	Median 50	75	90	10	25	Median 50	75	90
Computer systems analysts and scientists	\$31.00	\$33.57	\$26.05	\$29.08	\$36.79	\$43.44	\$48.05	\$22.64	\$24.17	\$26.66	\$32.38	\$36.82
Registered nurses	23.94	29.47	23.08	28.62	30.87	32.91	36.39	20.15	22.40	24.64	27.48	28.67
Accountants and auditors	25.09	38.27	17.58	26.41	29.57	31.76	34.42	17.68	19.01	24.04	28.72	32.21
Cashiers	8.63	12.23	7.20	8.00	9.50	11.83	16.88	6.70	7.11	11.09	12.60	16.70
Secretaries	17.36	22.12	13.94	15.77	18.43	21.68	24.35	12.00	14.19	16.43	19.17	21.25
Truck drivers	16.30	21.48	9.89	15.41	18.71	20.49	22.05	7.17	7.89	11.24	17.02	19.03
Guards and police, except public service	8.75	11.58	8.50	8.50	8.50	10.55	15.14	6.12	7.35	7.75	8.11	9.84
Janitors and cleaners	14.91	21.26	7.64	8.08	11.88	14.75	18.03	6.00	6.25	6.42	9.93	13.74

¹ Percentiles are calculated from average hourly wages for sampled establishment jobs within each occupation. The percentiles describe the distribution of an occupation's employment by the average wage rates for its jobs. For example, at the 10th percentile hourly wage for an occupation, one-tenth of the occupation's employment are found in sampled establishment jobs whose average wages are the same or less, and nine-tenths are in jobs averaging the same or more. The calculations of the 25th, 50th, 75th, and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living

adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips.

² All workers include full-time and part-time workers.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into 1 of 9 major occupational groups.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 23. Average hourly earnings of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-2000

(In current dollars)

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance and real estate	Services
1947	\$1.13	\$1.46	\$1.54	\$1.21	—	\$1.21	\$0.83	\$1.14	—
1948	1.22	1.66	1.71	1.32	—	1.30	.90	1.20	—
1949	1.27	1.71	1.79	1.37	—	1.35	.95	1.26	—
1950	1.33	1.77	1.86	1.43	—	1.35	.98	1.26	—
1951	1.45	1.93	2.02	1.56	—	1.52	1.06	1.45	—
1952	1.52	2.01	2.13	1.64	—	1.61	1.09	1.51	—
1953	1.61	2.14	2.28	1.74	—	1.69	1.16	1.58	—
1954	1.65	2.14	2.38	1.78	—	1.76	1.20	1.65	—
1955	1.71	2.20	2.45	1.85	—	1.83	1.25	1.70	—
1956	1.80	2.33	2.57	1.95	—	1.93	1.30	1.78	—
1957	1.89	2.45	2.71	2.04	—	2.02	1.37	1.84	—
1958	1.95	2.47	2.82	2.10	—	2.09	1.42	1.89	—
1959	2.02	2.56	2.93	2.19	—	2.18	1.47	1.95	—
1960	2.09	2.60	3.07	2.26	—	2.24	1.52	2.02	—
1961	2.14	2.64	3.20	2.32	—	2.31	1.56	2.09	—
1962	2.22	2.70	3.31	2.39	—	2.37	1.63	2.17	—
1963	2.28	2.75	3.41	2.45	—	2.45	1.68	2.25	—
1964	2.36	2.81	3.55	2.53	\$2.89	2.52	1.75	2.30	\$1.94
1965	2.46	2.92	3.70	2.61	3.03	2.60	1.82	2.39	2.05
1966	2.56	3.05	3.89	2.71	3.11	2.73	1.91	2.47	2.17
1967	2.68	3.19	4.11	2.82	3.23	2.87	2.01	2.58	2.29
1968	2.85	3.35	4.41	3.01	3.42	3.04	2.16	2.75	2.42
1969	3.04	3.60	4.79	3.19	3.63	3.23	2.30	2.93	2.61
1970	3.23	3.85	5.24	3.35	3.85	3.43	2.44	3.07	2.81
1971	3.45	4.06	5.69	3.57	4.21	3.64	2.60	3.22	3.04
1972	3.70	4.44	6.06	3.82	4.65	3.85	2.75	3.36	3.27
1973	3.94	4.75	6.41	4.09	5.02	4.07	2.91	3.53	3.47
1974	4.24	5.23	6.81	4.42	5.41	4.38	3.14	3.77	3.75
1975	4.53	5.95	7.31	4.83	5.88	4.72	3.36	4.06	4.02
1976	4.86	6.46	7.71	5.22	6.45	5.02	3.57	4.27	4.31
1977	5.25	6.94	8.10	5.68	6.99	5.39	3.85	4.54	4.65
1978	5.69	7.67	8.66	6.17	7.57	5.88	4.20	4.89	4.99
1979	6.16	8.49	9.27	6.70	8.16	6.39	4.53	5.27	5.36
1980	6.66	9.17	9.94	7.27	8.87	6.95	4.88	5.79	5.85
1981	7.25	10.04	10.82	7.99	9.70	7.55	5.25	6.31	6.41
1982	7.68	10.77	11.63	8.49	10.32	8.08	5.48	6.78	6.92
1983	8.02	11.28	11.94	8.83	10.79	8.54	5.74	7.29	7.31
1984	8.32	11.63	12.13	9.19	11.12	8.88	5.85	7.63	7.59
1985	8.57	11.98	12.32	9.54	11.40	9.15	5.94	7.94	7.90
1986	8.76	12.46	12.48	9.73	11.70	9.34	6.03	8.36	8.18
1987	8.98	12.54	12.71	9.91	12.03	9.59	6.12	8.73	8.49
1988	9.28	12.80	13.08	10.19	12.24	9.98	6.31	9.06	8.88
1989	9.66	13.26	13.54	10.48	12.57	10.39	6.53	9.53	9.38
1990	10.01	13.68	13.77	10.83	12.92	10.79	6.75	9.97	9.83
1991	10.32	14.19	14.00	11.18	13.20	11.15	6.94	10.39	10.23
1992	10.57	14.54	14.15	11.46	13.43	11.39	7.12	10.82	10.54
1993	10.83	14.60	14.38	11.74	13.55	11.74	7.29	11.35	10.78
1994	11.12	14.88	14.73	12.07	13.78	12.06	7.49	11.83	11.04
1995	11.43	15.30	15.09	12.37	14.13	12.43	7.69	12.32	11.39
1996	11.82	15.62	15.47	12.77	14.45	12.87	7.99	12.80	11.79
1997	12.28	16.15	16.04	13.17	14.92	13.45	8.33	13.34	12.28
1998	12.78	16.91	16.61	13.49	15.31	14.07	8.74	14.07	12.84
1999	13.24	17.05	17.19	13.90	15.69	14.59	9.09	14.62	13.37
2000	13.75	17.24	17.88	14.38	16.22	15.20	9.46	15.07	13.91

Dash indicates data not available.

NOTE: Current estimates are projected from March 2000 benchmark levels.

Table 24. Productivity and related data, business and nonfarm business sectors, 1947-2000

(Index, 1992=100)

Year	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor cost		Implicit price deflator ⁵	
	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector
1947	31.8	36.7	20.7	20.3	65.0	55.3	6.8	7.3	39.6	42.5	21.4	19.9	20.5	19.2
1948	33.3	37.7	21.8	21.2	65.5	56.2	7.4	7.9	39.8	42.7	22.2	21.0	21.7	20.5
1949	34.0	39.0	21.6	21.0	63.3	53.9	7.5	8.2	40.9	44.6	22.0	21.0	21.5	20.7
1950	36.9	41.7	23.7	23.1	64.1	55.6	8.0	8.7	43.3	46.7	21.8	20.8	21.8	20.9
1951	38.0	42.7	25.2	24.9	66.1	58.2	8.8	9.4	44.0	47.1	23.2	22.1	23.5	22.3
1952	39.2	43.6	26.0	25.6	66.2	58.8	9.4	10.0	45.9	48.8	23.9	22.8	23.7	22.7
1953	40.7	44.6	27.2	26.9	67.0	60.2	10.0	10.5	48.5	51.2	24.5	23.6	23.9	23.2
1954	41.6	45.5	26.9	26.4	64.6	58.1	10.3	10.9	49.8	52.5	24.8	23.9	24.1	23.4
1955	43.3	47.4	29.0	28.6	67.0	60.4	10.6	11.3	51.3	54.7	24.4	23.8	24.4	23.8
1956	43.4	47.0	29.5	29.1	68.0	61.9	11.3	12.0	53.9	57.1	26.0	25.5	25.2	24.7
1957	44.7	48.2	30.0	29.7	67.0	61.6	12.0	12.7	55.6	58.5	26.9	26.3	26.0	25.4
1958	46.0	49.3	29.4	29.1	63.9	58.9	12.6	13.2	56.5	59.2	27.3	26.7	26.5	25.9
1959	47.9	51.3	31.9	31.6	66.6	61.6	13.1	13.7	58.4	61.1	27.4	26.7	26.7	26.2
1960	48.8	51.9	32.5	32.1	66.6	61.9	13.7	14.3	59.9	62.8	28.0	27.5	27.0	26.5
1961	50.6	53.7	33.1	32.8	65.5	61.1	14.2	14.8	61.8	64.4	28.1	27.6	27.2	26.7
1962	52.9	56.1	35.2	35.0	66.6	62.4	14.9	15.4	63.9	66.3	28.1	27.5	27.4	26.9
1963	55.0	58.1	36.8	36.6	67.0	63.1	15.4	16.0	65.4	67.7	28.0	27.5	27.6	27.1
1964	57.5	60.6	39.2	39.1	68.1	64.6	16.2	16.7	67.9	69.9	28.2	27.6	27.9	27.5
1965	59.6	62.4	41.9	41.9	70.4	67.1	16.8	17.2	69.3	71.1	28.2	27.6	28.4	27.8
1966	62.0	64.6	44.8	44.9	72.3	69.5	17.9	18.2	71.9	73.1	28.9	28.2	29.1	28.5
1967	63.4	65.8	45.6	45.7	72.0	69.4	19.0	19.3	73.7	75.1	29.9	29.4	29.9	29.4
1968	65.4	67.8	47.9	48.1	73.4	70.9	20.4	20.7	76.2	77.4	31.3	30.6	31.0	30.5
1969	65.7	67.9	49.4	49.5	75.2	73.0	21.9	22.2	77.4	78.4	33.3	32.6	32.4	31.9
1970	67.0	68.9	49.4	49.5	73.7	71.8	23.5	23.7	78.8	79.5	35.1	34.4	33.9	33.3
1971	69.9	71.8	51.3	51.4	73.3	71.5	25.0	25.3	80.3	81.1	35.8	35.2	35.3	34.7
1972	72.2	74.2	54.7	54.9	75.7	74.0	26.6	26.9	82.7	83.5	36.8	36.2	36.5	35.8
1973	74.5	76.6	58.5	58.9	78.5	76.9	28.9	29.1	84.5	85.1	38.8	38.0	38.4	37.0
1974	73.2	75.3	57.6	58.0	78.6	77.0	31.7	32.0	83.4	84.2	43.2	42.4	42.1	40.8
1975	75.8	77.4	57.0	57.0	75.2	73.7	34.9	35.2	84.3	84.9	46.1	45.5	46.1	45.1
1976	78.5	80.3	60.9	61.1	77.6	76.1	38.0	38.2	86.8	87.2	48.4	47.6	48.5	47.6
1977	79.8	81.5	64.3	64.6	80.6	79.2	41.0	41.3	87.9	88.5	51.4	50.7	51.4	50.6
1978	80.7	82.6	68.3	68.8	84.7	83.3	44.6	45.0	89.4	90.2	55.3	54.5	55.1	54.1
1979	80.7	82.2	70.6	70.9	87.5	86.3	48.9	49.3	89.7	90.3	60.7	59.9	59.8	58.7
1980	80.4	82.0	69.8	70.2	86.8	85.6	54.2	54.6	89.4	90.0	67.4	66.5	65.2	64.3
1981	82.0	83.0	71.7	71.6	87.4	86.2	59.4	59.9	89.5	90.2	72.4	72.1	71.2	70.5
1982	81.7	82.5	69.6	69.4	85.2	84.1	63.8	64.3	90.9	91.6	78.2	77.9	75.3	74.8
1983	84.6	86.3	73.3	73.8	86.6	85.6	66.5	67.1	91.0	91.7	78.6	77.8	77.8	77.2
1984	87.0	88.1	79.7	80.0	91.6	90.7	69.5	70.0	91.3	92.0	79.8	79.4	80.0	79.4
1985	88.7	89.3	83.1	83.0	93.6	93.0	72.9	73.2	92.7	93.1	82.1	82.0	82.2	81.9
1986	91.4	92.0	86.1	86.2	94.2	93.8	76.7	77.0	95.8	96.3	83.9	83.7	83.5	83.2
1987	91.9	92.3	89.2	89.3	97.0	96.7	79.7	80.0	96.3	96.6	86.7	86.6	85.6	85.4
1988	93.0	93.5	92.9	93.3	100.0	99.8	83.5	83.6	97.3	97.5	89.8	89.4	88.3	87.9
1989	93.9	94.2	96.2	96.5	102.4	102.4	85.8	85.8	95.9	95.9	91.3	91.1	91.5	91.2
1990	95.2	95.3	97.6	97.8	102.6	102.7	90.7	90.5	96.5	96.3	95.3	95.0	94.8	94.5
1991	96.3	96.4	96.5	96.6	100.2	100.2	95.0	95.0	97.5	97.5	98.7	98.5	98.1	98.0
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.5	100.5	103.1	103.3	102.6	102.9	102.5	102.2	99.9	99.6	101.9	101.7	102.2	102.2
1994	101.9	101.8	108.1	108.2	106.2	106.2	104.5	104.3	99.7	99.5	102.6	102.5	104.0	104.1
1995	102.6	102.8	111.5	111.8	108.7	108.8	106.7	106.6	99.3	99.2	104.1	103.7	106.0	106.1
1996	105.4	105.4	116.4	116.7	110.4	110.7	110.1	109.8	99.8	99.5	104.5	104.2	107.7	107.6
1997	107.8	107.5	122.5	122.7	113.6	114.1	113.5	113.1	100.7	100.3	105.3	105.2	109.7	109.8
1998	110.8	110.4	128.6	129.0	116.1	116.8	119.6	119.0	104.6	104.0	108.0	107.7	110.6	110.8
1999	113.8	113.2	134.8	135.1	118.4	119.3	125.1	124.2	107.1	106.4	109.9	109.7	111.8	112.3
2000	118.6	118.1	142.4	142.8	120.0	120.9	131.4	130.5	108.9	108.1	110.7	110.5	113.8	114.3

¹ Output is an annual-weighted index of real gross domestic product of the sector.

² Hours at work of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.

³ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also

includes an estimate of wages, salaries, and supplemental payments for the self-employed.

⁴ Hourly compensation divided by an index of consumer prices.

⁵ Current dollar gross domestic product divided by the index of real gross domestic product.

Table 25. Changes in productivity and related data, business and nonfarm business sectors, 1948-2000

(Percent change from previous year)

Year	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor cost		Implicit price deflator ⁵	
	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector
1948	4.6	2.7	5.4	4.4	0.8	1.7	8.5	8.6	0.4	0.5	3.7	5.8	6.2	6.8
1949	2.3	3.4	-1.1	-0.8	-3.3	-4.0	1.5	3.1	2.8	4.4	-0.8	-0.3	-0.9	0.9
1950	8.5	6.9	9.8	10.2	1.2	3.1	7.3	6.2	6.0	4.8	-1.1	-0.7	1.1	1.1
1951	3.0	2.5	6.3	7.4	3.2	4.8	9.6	8.6	1.6	0.7	6.4	6.0	7.7	6.6
1952	3.1	2.1	3.2	3.1	0.1	1.0	6.3	5.6	4.3	3.6	3.1	3.5	1.1	1.8
1953	3.7	2.3	4.9	4.8	1.1	2.4	6.5	5.7	5.7	4.9	2.7	3.3	0.8	2.0
1954	2.2	2.0	-1.3	-1.6	-3.5	-3.5	3.3	3.3	2.6	2.6	1.1	1.3	0.6	1.0
1955	4.1	4.2	7.9	8.3	3.7	4.0	2.6	3.8	3.0	4.1	-1.4	-0.4	1.3	1.8
1956	0.1	-0.8	1.6	1.7	1.5	2.5	6.6	6.1	5.1	4.5	6.5	6.9	3.2	3.5
1957	3.2	2.5	1.7	2.0	-1.5	-0.6	6.5	5.8	3.1	2.4	3.3	3.1	3.2	3.2
1958	2.9	2.3	-1.9	-2.1	-4.6	-4.3	4.6	4.1	1.7	1.2	1.6	1.8	1.9	1.6
1959	4.0	4.0	8.3	8.8	4.1	4.6	4.2	4.0	3.5	3.3	0.1	0.0	0.7	1.2
1960	1.9	1.3	1.9	1.7	0.0	0.4	4.3	4.5	2.6	2.7	2.4	3.1	1.1	1.2
1961	3.7	3.4	2.0	2.0	-1.7	-1.3	4.1	3.6	3.1	2.5	0.4	0.2	0.8	0.8
1962	4.6	4.5	6.4	6.8	1.7	2.2	4.5	4.0	3.4	3.0	-0.1	-0.5	1.0	1.0
1963	3.9	3.5	4.6	4.6	0.6	1.1	3.7	3.5	2.3	2.2	-0.2	0.0	0.6	0.7
1964	4.6	4.2	6.4	6.7	1.7	2.4	5.1	4.6	3.8	3.2	0.5	0.3	1.1	1.2
1965	3.6	3.1	7.0	7.1	3.3	3.8	3.8	3.3	2.1	1.7	0.2	0.2	1.6	1.4
1966	4.1	3.5	6.8	7.2	2.6	3.6	6.7	5.8	3.7	2.9	2.5	2.2	2.5	2.3
1967	2.2	1.7	1.9	1.7	-0.3	-0.1	5.7	5.9	2.6	2.7	3.5	4.1	2.7	3.2
1968	3.1	3.1	5.0	5.3	1.8	2.1	7.7	7.4	3.4	3.1	4.4	4.2	3.9	3.8
1969	0.5	0.1	3.0	3.0	2.5	2.9	7.0	6.8	1.5	1.3	6.5	6.7	4.5	4.4
1970	2.0	1.5	0.0	-0.1	-2.0	-1.6	7.7	7.2	1.9	1.4	5.6	5.6	4.4	4.5
1971	4.4	4.2	3.9	3.8	-0.4	-0.3	6.4	6.5	1.9	2.0	1.9	2.2	4.3	4.4
1972	3.3	3.4	6.6	6.9	3.3	3.4	6.2	6.4	2.9	3.0	2.8	2.9	3.3	2.9
1973	3.2	3.1	7.0	7.3	3.7	4.0	8.5	8.2	2.2	1.9	5.2	4.9	5.2	3.6
1974	-1.7	-1.6	-1.5	-1.5	0.1	0.1	9.7	9.8	-1.2	-1.1	11.6	11.6	9.6	10.2
1975	3.5	2.7	-1.0	-1.7	-4.3	-4.3	10.3	10.1	1.0	0.9	6.5	7.2	9.6	10.6
1976	3.6	3.7	6.8	7.2	3.1	3.4	8.8	8.6	2.9	2.7	5.1	4.7	5.2	5.4
1977	1.6	1.5	5.6	5.6	3.9	4.0	7.9	8.0	1.3	1.4	6.1	6.4	6.1	6.4
1978	1.1	1.3	6.2	6.5	5.0	5.1	8.8	8.9	1.8	1.9	7.6	7.6	7.2	6.8
1979	0.0	-0.4	3.3	3.2	3.4	3.6	9.7	9.5	0.3	0.1	9.8	10.0	8.5	8.5
1980	-0.3	-0.3	-1.1	-1.1	-0.9	-0.8	10.8	10.8	-0.3	-0.3	11.1	11.1	9.1	9.7
1981	1.9	1.2	2.7	2.0	0.7	0.8	9.5	9.7	0.1	0.3	7.4	8.3	9.2	9.5
1982	-0.4	-0.6	-2.9	-3.1	-2.6	-2.5	7.5	7.5	1.6	1.5	8.0	8.1	5.7	6.2
1983	3.6	4.5	5.4	6.4	1.6	1.8	4.2	4.3	0.1	0.1	0.6	-0.2	3.4	3.2
1984	2.8	2.2	8.8	8.3	5.8	6.0	4.4	4.3	0.4	0.3	1.5	2.1	2.9	2.8
1985	2.0	1.3	4.2	3.9	2.2	2.5	4.9	4.7	1.5	1.2	2.9	3.3	2.7	3.2
1986	3.0	3.0	3.7	3.8	0.7	0.8	5.2	5.2	3.4	3.4	2.1	2.1	1.6	1.7
1987	0.5	0.4	3.5	3.5	3.0	3.2	3.9	3.8	0.5	0.4	3.4	3.4	2.5	2.5
1988	1.2	1.3	4.3	4.5	3.0	3.2	4.8	4.5	1.1	0.9	3.5	3.2	3.1	3.0
1989	1.0	0.8	3.5	3.4	2.5	2.6	2.8	2.7	-1.5	-1.6	1.8	1.9	3.7	3.7
1990	1.3	1.1	1.5	1.4	0.2	0.3	5.7	5.5	0.6	0.4	4.3	4.3	3.5	3.6
1991	1.1	1.2	-1.2	-1.3	-2.3	-2.4	4.7	4.9	1.0	1.2	3.6	3.6	3.5	3.7
1992	3.9	3.7	3.7	3.5	-0.2	-0.2	5.3	5.3	2.6	2.6	1.4	1.6	2.0	2.1
1993	0.5	0.5	3.1	3.3	2.6	2.9	2.5	2.2	-0.1	-0.4	1.9	1.7	2.2	2.2
1994	1.3	1.3	4.9	4.7	3.5	3.3	2.0	2.1	-0.2	-0.1	0.7	0.8	1.8	1.9
1995	0.7	0.9	3.1	3.4	2.4	2.4	2.1	2.1	-0.4	-0.4	1.4	1.2	2.0	2.0
1996	2.8	2.5	4.4	4.3	1.6	1.7	3.2	3.0	0.4	0.3	0.4	0.5	1.6	1.4
1997	2.3	2.0	5.2	5.1	2.9	3.1	3.1	3.0	0.9	0.8	0.8	0.9	1.8	2.1
1998	2.8	2.7	5.0	5.1	2.2	2.4	5.3	5.2	3.9	3.8	2.5	2.5	0.8	0.9
1999	2.8	2.6	4.8	4.8	2.0	2.2	4.6	4.4	2.4	2.3	1.8	1.8	1.1	1.3
2000	4.2	4.3	5.6	5.7	1.3	1.3	5.0	5.1	1.6	1.6	0.8	0.7	1.8	1.8

¹Output is an annual-weighted index of real gross domestic product of the sector.

²Hours at work of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.

³Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

⁴Hourly compensation divided by an index of consumer prices.

⁵Current dollar gross domestic product divided by the index of real gross domestic product.

NOTE: Percent changes are based on original data and therefore may differ slightly from percent changes based on indexes.

Table 26. Private business sector: Productivity and related measures, 1948-99¹

(Indexes 1996=100)

Year	Productivity			Output ³	Inputs			Capital per hour of all persons
	Output per hour of all persons	Output per unit of capital	Multifactor productivity ²		Labor input ⁴	Capital services ⁵	Combined units of labor and capital inputs ⁶	
1948	31.1	107.8	51.5	18.6	51.1	17.3	36.2	28.8
1949	32.2	104.8	52.1	18.6	49.4	17.7	35.6	30.7
1950	35.0	111.0	55.9	20.5	50.3	18.4	36.6	31.5
1955	40.9	114.7	61.9	24.9	53.7	21.7	40.3	35.6
1960	45.6	111.1	65.3	27.5	54.0	24.8	42.2	41.1
1965	55.9	122.4	76.4	35.6	58.0	29.1	46.7	45.7
1966	58.2	123.7	78.7	38.1	59.5	30.8	48.3	47.0
1967	59.5	119.0	78.8	38.8	59.4	32.6	49.2	50.0
1968	61.4	119.8	80.9	40.7	60.3	34.0	50.4	51.2
1969	61.7	117.5	80.4	42.0	62.1	35.7	52.2	52.5
1970	63.0	112.3	80.3	42.0	61.0	37.4	52.3	56.1
1971	65.8	112.0	82.8	43.6	60.5	38.9	52.7	58.8
1972	68.0	114.6	85.3	46.5	62.6	40.6	54.6	59.3
1973	70.2	116.1	87.6	49.8	64.8	42.9	56.9	60.4
1974	69.0	108.4	84.4	49.0	65.2	45.2	58.1	63.6
1975	71.5	103.4	85.2	48.5	62.4	46.9	57.0	69.1
1976	74.1	107.1	88.4	51.9	64.2	48.4	58.7	69.1
1977	75.2	108.9	89.8	54.8	66.8	50.3	61.0	69.1
1978	76.1	110.9	91.0	58.2	70.2	52.5	64.0	68.6
1979	76.0	109.1	90.6	60.2	72.4	55.1	66.4	69.6
1980	75.8	102.7	88.6	59.4	71.9	57.9	67.1	73.8
1981	77.3	100.5	88.8	61.0	73.0	60.8	68.8	76.9
1982	77.2	93.6	86.1	59.3	71.7	63.3	68.9	82.4
1983	79.9	95.7	88.5	62.5	73.4	65.3	70.6	83.4
1984	82.2	99.7	91.4	68.1	77.7	68.3	74.5	82.4
1985	83.9	99.2	92.4	71.0	79.6	71.5	76.9	84.6
1986	86.5	98.8	93.8	73.6	80.5	74.6	78.5	87.6
1987	87.0	98.9	94.1	76.3	83.1	77.1	81.1	88.0
1988	88.1	100.2	94.7	79.6	86.3	79.4	84.0	87.9
1989	89.0	100.8	95.3	82.4	88.9	81.8	86.5	88.3
1990	90.2	99.5	95.4	83.6	89.4	84.0	87.6	90.6
1991	91.3	96.3	94.5	82.6	88.3	85.8	87.5	94.8
1992	94.8	97.8	96.6	85.7	89.3	87.6	88.7	96.9
1993	95.4	98.6	97.1	88.5	91.8	89.8	91.1	96.7
1994	96.6	100.3	98.1	92.8	95.6	92.5	94.6	96.3
1995	97.3	99.7	98.4	95.8	98.0	96.0	97.3	97.6
1996	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1997	102.2	100.3	101.2	105.2	103.5	104.9	104.0	101.9
1998	105.1	99.6	102.6	110.6	106.1	111.0	107.7	105.5
1999	107.9	98.1	103.5	115.8	108.9	118.1	111.9	110.0

¹ The private business sector includes all of gross domestic product except the output of general government, government enterprises, non-profit institutions, the rental value of owner-occupied real estate and the output of paid employees of private households.

² Output per unit of combined labor and capital inputs.

³ Gross domestic product originating in the sector, superlative chained index.

⁴ Index of the hours at work of all persons including employees, proprietors, and unpaid family workers classified by education, work experience and gender. This superlative chain index is computed by combining changes in the hours of each education, experience and gender group weighted

by each group's share of labor compensation.

⁵ A measure of the flow of capital services used in the sector.

⁶ Labor input combined with capital input, using labor's and capital's shares of costs as weights to form a superlative chain index.

Source: Output data are from the Bureau of Economic Analysis (BEA), U.S. Department of Commerce, and modified by the Bureau of Labor Statistics (BLS), U.S. Department of Labor. Compensation and hours data are from the BLS. Capital measures are based on data supplied by BEA and the U.S. Department of Agriculture.

Table 27. Productivity and related data: Nonfinancial corporate sector, 1958-2000

(Index, 1992=100, and percent change from preceding year)

Year	Output per hour of all persons		Output ¹		Employee hours ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor cost		Implicit price deflator ⁵	
	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year
1958	51.8	-	25.5	-	49.3	-	14.4	-	64.7	-	27.8	-	28.4	-
1959	54.4	5.0	28.4	11.3	52.3	6.0	14.9	3.7	66.7	3.0	27.5	-1.1	28.6	0.8
1960	55.4	1.8	29.4	3.3	53.0	1.4	15.6	4.2	68.3	2.4	28.1	2.3	28.8	0.7
1961	57.3	3.4	30.0	2.2	52.4	-1.2	16.1	3.5	70.0	2.5	28.1	0.1	28.9	0.4
1962	59.7	4.1	32.5	8.3	54.5	4.0	16.7	3.8	71.9	2.8	28.0	-0.3	29.1	0.8
1963	61.7	3.5	34.4	5.9	55.8	2.3	17.2	3.0	73.1	1.7	27.9	-0.4	29.3	0.5
1964	64.1	3.8	36.9	7.0	57.5	3.1	18.0	4.2	75.2	2.9	28.0	0.3	29.6	0.9
1965	65.8	2.6	39.9	8.3	60.7	5.5	18.5	3.0	76.3	1.4	28.1	0.4	30.0	1.5
1966	66.7	1.4	42.7	7.0	64.0	5.5	19.5	5.3	78.1	2.4	29.2	3.9	30.7	2.4
1967	67.7	1.5	43.8	2.6	64.7	1.1	20.6	5.5	80.0	2.4	30.4	4.0	31.5	2.6
1968	70.0	3.5	46.6	6.4	66.5	2.8	22.1	7.6	82.6	3.3	31.6	4.0	32.7	3.8
1969	70.0	0.1	48.4	4.0	69.2	3.9	23.6	6.8	83.6	1.2	33.7	6.7	34.1	4.4
1970	70.4	0.5	48.0	-1.0	68.2	-1.5	25.3	7.0	84.6	1.2	35.9	6.5	35.6	4.4
1971	73.3	4.2	49.9	4.0	68.0	-0.2	26.9	6.3	86.2	1.8	36.7	2.0	37.0	3.8
1972	75.3	2.7	53.8	7.9	71.5	5.1	28.4	5.8	88.3	2.5	37.8	3.0	38.1	3.0
1973	76.1	1.1	57.0	5.9	74.9	4.8	30.7	8.0	89.8	1.7	40.4	6.9	40.3	5.9
1974	74.4	-2.1	56.0	-1.7	75.2	0.4	33.6	9.6	88.6	-1.3	45.2	12.0	44.4	10.0
1975	77.2	3.8	55.1	-1.6	71.3	-5.1	37.0	9.9	89.3	0.7	47.9	5.9	48.8	9.9
1976	79.7	3.2	59.5	7.9	74.6	4.6	40.0	8.3	91.4	2.4	50.2	4.9	51.0	4.6
1977	81.6	2.4	63.8	7.3	78.2	4.8	43.1	7.8	92.5	1.2	52.9	5.3	53.8	5.4
1978	82.1	0.6	68.1	6.7	82.9	6.0	46.8	8.5	93.8	1.5	57.0	7.8	57.4	6.8
1979	81.5	-0.7	70.2	3.1	86.1	3.9	51.1	9.3	93.7	-0.1	62.7	10.1	62.0	8.0
1980	81.1	-0.5	69.2	-1.4	85.3	-0.9	56.4	10.4	93.1	-0.7	69.6	10.9	68.4	10.3
1981	82.6	1.9	71.5	3.3	86.5	1.4	61.6	9.2	92.9	-0.2	74.6	7.2	75.3	10.1
1982	83.4	0.9	70.0	-2.1	83.9	-3.0	66.0	7.2	94.1	1.3	79.2	6.2	79.6	5.7
1983	85.9	3.1	73.3	4.8	85.3	1.6	68.4	3.6	93.5	-0.6	79.6	0.5	81.1	1.8
1984	88.2	2.6	80.2	9.5	91.0	6.7	71.2	4.1	93.6	0.1	80.7	1.5	83.2	2.7
1985	89.9	2.0	83.8	4.5	93.2	2.5	74.4	4.5	94.6	1.1	82.7	2.5	84.5	1.5
1986	91.7	1.9	85.9	2.4	93.7	0.5	78.0	4.8	97.5	3.0	85.1	2.8	85.5	1.2
1987	94.7	3.3	90.7	5.6	95.8	2.2	81.7	4.7	98.7	1.2	86.2	1.3	87.0	1.8
1988	95.9	1.3	95.8	5.6	99.9	4.2	84.2	3.1	98.1	-0.6	87.7	1.8	89.4	2.7
1989	94.7	-1.2	97.4	1.7	102.8	2.9	86.3	2.6	96.5	-1.7	91.1	3.8	92.5	3.5
1990	95.4	0.7	98.3	0.9	103.0	0.2	90.8	5.2	96.7	0.2	95.2	4.5	95.8	3.6
1991	97.7	2.3	97.5	-0.8	99.8	-3.1	95.3	4.9	97.8	1.2	97.5	2.5	98.3	2.6
1992	100.0	2.4	100.0	2.6	100.0	0.2	100.0	5.0	100.0	2.3	100.0	2.5	100.0	1.8
1993	100.7	0.7	103.0	3.0	102.3	2.3	102.0	2.0	99.5	-0.5	101.3	1.3	102.1	2.1
1994	103.1	2.4	109.6	6.4	106.3	3.9	104.2	2.1	99.4	-0.1	101.0	-0.3	103.7	1.6
1995	104.2	1.0	114.2	4.2	109.6	3.1	106.2	1.9	98.8	-0.6	101.9	0.8	105.1	1.4
1996	107.5	3.2	119.9	5.0	111.5	1.8	109.0	2.6	98.7	-0.1	101.4	-0.5	105.5	0.4
1997	108.4	0.9	127.0	5.9	117.1	5.0	110.3	1.3	97.8	-0.9	101.8	0.4	106.2	0.7
1998	112.3	3.5	134.9	6.3	120.2	2.6	115.9	5.0	101.3	3.6	103.2	1.4	106.6	0.3
1999	116.2	3.5	142.9	5.9	123.0	2.3	121.1	4.5	103.7	2.3	104.2	1.0	107.4	0.8
2000	121.1	4.2	151.6	6.1	125.2	1.8	126.8	4.8	105.1	1.4	104.8	0.6	108.8	1.2

¹ Output is an annual-weighted index of real gross domestic product originating in the sector.

² Hours at work of all employees engaged in the sector. Estimates based primarily on establishment data.

³ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans.

⁴ Hourly compensation divided by an index of consumer prices.

⁵ Current dollar gross domestic product divided by the index of real gross domestic product.

NOTE: Percent changes are based on original data and therefore may differ slightly from percent changes based on indexes.

Dash indicates data not available.

Table 28. Productivity and related data: Manufacturing sector, 1949-2000

(Index, 1992=100, and percent change from preceding year)

Year	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor cost		Implicit price deflator ⁵	
	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year
1949	33.5	-	26.5	-	79.1	-	8.3	-	45.1	-	24.6	-	24.0	-
1950	34.0	1.5	29.1	9.7	85.5	8.1	8.7	5.1	46.8	3.7	25.5	3.5	24.5	2.3
1951	33.8	-0.7	31.1	7.0	92.1	7.7	9.5	10.1	47.7	2.0	28.3	10.8	26.8	9.2
1952	35.2	4.2	32.9	5.6	93.3	1.3	10.2	6.6	49.9	4.6	28.9	2.3	26.7	-0.4
1953	36.4	3.2	35.7	8.5	98.1	5.1	10.7	5.5	52.2	4.7	29.5	2.2	26.6	-0.3
1954	37.3	2.6	33.4	-6.3	89.6	-8.6	11.2	4.6	54.2	3.8	30.1	1.9	27.0	1.4
1955	38.8	4.0	36.7	9.7	94.6	5.5	11.7	3.9	56.5	4.3	30.1	-0.1	27.2	0.8
1956	38.6	-0.4	37.1	1.0	96.0	1.5	12.4	6.4	59.3	4.9	32.1	6.9	28.1	3.5
1957	39.4	2.0	37.2	0.4	94.5	-1.6	13.2	6.0	60.8	2.6	33.4	3.9	29.2	3.6
1958	40.0	1.6	34.7	-6.8	86.6	-8.3	13.8	4.6	61.8	1.7	34.4	3.0	29.9	2.5
1959	40.9	2.2	37.8	9.1	92.5	6.7	14.3	3.7	63.7	3.0	34.9	1.5	30.3	1.3
1960	41.8	2.1	38.5	1.7	92.1	-0.4	14.9	4.2	65.2	2.4	35.6	2.0	30.2	-0.2
1961	42.8	2.5	38.4	-0.2	89.7	-2.6	15.3	2.9	66.5	1.9	35.7	0.5	30.3	0.2
1962	44.2	3.2	41.3	7.5	93.4	4.1	15.9	3.8	68.3	2.8	36.0	0.6	30.3	0.1
1963	45.7	3.5	43.1	4.5	94.4	1.0	16.4	3.0	69.4	1.7	35.8	-0.4	30.3	0.0
1964	47.4	3.8	45.7	6.0	96.4	2.1	17.0	4.2	71.4	2.8	36.0	0.4	30.3	0.2
1965	48.5	2.4	49.5	8.3	102.0	5.8	17.4	2.1	71.8	0.5	35.9	-0.2	30.7	1.1
1966	49.1	1.1	53.3	7.7	108.6	6.5	18.2	4.5	73.0	1.6	37.1	3.4	31.5	2.8
1967	50.9	3.7	54.9	3.1	108.0	-0.6	19.2	5.5	74.6	2.3	37.7	1.7	32.0	1.5
1968	52.7	3.5	57.7	5.1	109.6	1.5	20.7	7.7	77.1	3.3	39.2	4.0	32.7	2.2
1969	53.5	1.7	59.4	2.9	110.9	1.2	22.2	7.3	78.5	1.7	41.4	5.5	33.8	3.3
1970	54.2	1.1	56.5	-4.8	104.4	-5.9	23.7	7.1	79.4	1.3	43.8	5.8	35.0	3.4
1971	57.8	6.8	58.2	2.9	100.5	-3.7	25.2	6.1	80.7	1.6	43.5	-0.7	36.2	3.6
1972	60.3	4.2	63.3	8.9	105.1	4.5	26.5	5.2	82.3	1.9	43.9	0.9	37.4	3.4
1973	61.4	1.9	67.8	7.1	110.4	5.1	28.5	7.7	83.4	1.4	46.4	5.6	40.3	7.7
1974	61.2	-0.3	66.1	-2.5	107.9	-2.2	31.6	11.0	83.4	0.0	51.7	11.4	47.3	17.3
1975	64.3	5.0	62.5	-5.5	97.2	-9.9	35.5	12.1	85.6	2.7	55.2	6.7	53.0	11.9
1976	67.0	4.2	68.2	9.2	101.9	4.8	38.4	8.4	87.7	2.5	57.4	4.1	55.3	4.3
1977	69.7	4.0	73.9	8.4	106.1	4.2	41.8	8.7	89.6	2.1	60.0	4.5	58.7	6.2
1978	70.4	1.0	77.8	5.2	110.6	4.2	45.2	8.1	90.6	1.1	64.2	7.0	62.7	6.8
1979	69.8	-0.8	78.7	1.1	112.7	2.0	49.6	9.8	90.9	0.4	71.1	10.7	69.8	11.5
1980	70.1	0.4	75.3	-4.2	107.5	-4.6	55.6	12.0	91.6	0.8	79.3	11.6	79.9	14.4
1981	70.7	0.9	75.6	0.4	107.0	-0.5	61.1	9.9	92.1	0.5	86.3	8.9	87.1	9.1
1982	74.2	5.0	72.7	-3.9	97.9	-8.4	67.0	9.7	95.4	3.6	90.2	4.5	89.6	2.8
1983	76.7	3.3	75.9	4.4	98.9	1.0	68.8	2.8	94.1	-1.3	89.7	-0.6	90.0	0.4
1984	79.5	3.6	83.7	10.3	105.3	6.5	71.2	3.5	93.6	-0.5	89.6	-0.1	91.5	1.6
1985	82.3	3.6	86.0	2.8	104.6	-0.7	75.1	5.5	95.5	2.0	91.3	1.8	91.0	-0.6
1986	85.9	4.4	88.5	2.8	103.0	-1.5	78.5	4.5	98.1	2.7	91.3	0.1	87.5	-3.9
1987	88.3	2.8	91.6	3.6	103.8	0.8	80.7	2.9	97.5	-0.5	91.4	0.1	89.2	2.0
1988	90.2	2.2	96.1	4.9	106.6	2.7	84.0	4.1	97.9	0.4	93.1	1.9	91.8	2.9
1989	90.3	0.1	96.6	0.5	107.1	0.5	86.6	3.2	96.8	-1.1	96.0	3.1	95.6	4.1
1990	92.9	2.9	97.3	0.7	104.8	-2.1	90.8	4.8	96.6	-0.2	97.8	1.9	99.0	3.6
1991	95.0	2.3	95.4	-2.0	100.4	-4.2	95.6	5.3	98.1	1.5	100.6	2.9	99.6	0.6
1992	100.0	5.3	100.0	4.8	100.0	-0.4	100.0	4.6	100.0	1.9	100.0	-0.6	100.0	0.4
1993	101.9	1.9	103.3	3.3	101.4	1.4	102.7	2.7	100.2	0.2	100.8	0.8	100.9	0.9
1994	105.0	3.0	108.7	5.3	103.6	2.2	105.6	2.8	100.8	0.6	100.7	-0.2	102.0	1.1
1995	109.0	3.8	113.4	4.3	104.0	0.4	107.9	2.1	100.4	-0.4	99.0	-1.7	103.9	1.8
1996	112.8	3.5	117.0	3.1	103.7	-0.3	109.3	1.3	99.0	-1.4	96.9	-2.1	104.9	1.0
1997	117.6	4.3	124.1	6.1	105.5	1.7	111.4	1.9	98.8	-0.2	94.7	-2.3	104.1	-0.7
1998	124.0	5.4	130.4	5.1	105.2	-0.3	117.3	5.3	102.6	3.8	94.6	-0.1	100.5	-3.5
1999	129.6	4.5	135.2	3.7	104.3	-0.8	122.0	4.0	104.5	1.9	94.1	-0.5	101.1	0.6
2000	138.5	6.9	142.9	5.7	103.2	-1.1	128.4	5.2	106.4	1.8	92.7	-1.6	-	-

¹Output is an annual-weighted index of real gross sectoral product.

²Hours at work of all persons engaged in the sector, including hours of proprietors. Estimates based primarily on establishment data.

³Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

⁴Hourly compensation divided by an index of consumer prices.

⁵Current dollar sectoral product divided by the index of real sectoral product.

NOTE: Percent changes are based on original data and therefore may differ slightly from percent changes based on indexes.

Dash indicates data not available.

Table 29. Annual Indexes of output per hour for selected 3-digit SIC Industries, 1993-99

(Index, 1987=100)

Industry	SIC code ¹	1993	1994	1995	1996	1997	1998	1999	Average annual percent change 1990-99 ²
Mining									
Copper ores	102	118.1	126.0	117.2	116.5	118.9	118.3	105.5	0.3
Gold and silver ores	104	159.8	160.8	144.2	138.3	158.5	187.6	200.0	5.6
Bituminous coal and lignite mining	122	141.2	148.1	155.9	168.0	176.6	188.0	192.2	5.5
Crude petroleum and natural gas	131	105.9	112.4	119.4	123.9	125.2	127.4	132.3	3.5
Crushed and broken stone	142	103.6	108.7	105.4	107.2	112.6	110.2	104.8	0.3
Manufacturing									
Meat products	201	104.3	101.2	102.3	97.4	102.5	102.3	102.2	0.6
Dairy products	202	109.6	111.8	116.4	116.0	119.3	119.3	114.1	0.7
Preserved fruits and vegetables	203	106.8	107.6	109.1	109.2	110.7	117.8	120.0	2.6
Grain mill products	204	109.2	108.4	115.4	108.0	118.2	126.2	130.4	2.4
Bakery products	205	94.4	96.4	97.3	95.6	99.1	100.8	107.5	1.7
Sugar and confectionery products	206	104.5	106.2	108.3	113.8	116.7	123.0	130.0	2.6
Fats and oils	207	112.6	111.8	120.3	110.1	120.2	137.3	156.1	3.1
Beverages	208	126.4	130.1	133.5	135.0	135.5	136.4	132.4	1.4
Miscellaneous food and kindred products	209	105.2	100.9	102.9	109.1	104.1	112.7	116.3	1.8
Cigarettes	211	106.5	126.6	142.9	147.2	147.2	152.2	135.8	2.0
Broadwoven fabric mills, cotton	221	117.8	122.1	134.0	137.3	131.2	136.2	138.7	3.4
Broadwoven fabric mills, manmade	222	131.7	142.5	145.3	147.6	162.2	168.6	171.9	5.0
Narrow fabric mills	224	111.4	120.1	118.9	126.3	110.8	117.7	122.4	2.7
Knitting mills	225	127.9	134.1	138.3	150.3	138.0	135.9	144.8	3.4
Textile finishing, except wool ..	226	79.3	81.2	78.5	79.2	94.3	99.1	101.0	2.1
Carpets and rugs	227	97.1	93.3	95.8	100.2	100.3	102.3	97.8	0.5
Yarn and thread mills	228	126.6	130.7	137.4	147.4	150.4	153.0	169.5	4.9
Miscellaneous textile goods	229	110.4	118.5	123.7	123.1	118.7	120.1	127.0	1.7
Men's and boys' furnishings	232	108.4	111.7	123.4	134.7	162.1	174.7	187.0	7.0
Women's and misses' outerwear	233	121.8	127.4	135.5	141.6	149.9	151.9	174.5	5.9
Women's and children's undergarments	234	124.5	138.0	161.3	174.5	208.9	216.4	293.0	12.4
Hats, caps, and millinery	235	87.2	77.7	84.3	82.2	87.1	99.5	108.7	2.2
Miscellaneous apparel and accessories	238	94.0	105.5	116.8	120.1	101.4	107.7	105.8	1.7
Miscellaneous fabricated textile products	239	108.5	107.8	109.2	105.6	119.2	117.2	129.2	2.9
Sawmills and planing mills	242	101.9	103.3	110.2	115.6	116.9	118.7	125.4	2.6
Millwork, plywood, and structural members	243	97.0	94.5	92.7	92.4	89.1	91.3	90.7	-0.9
Wood containers	244	100.1	100.9	106.1	106.7	106.2	106.6	105.0	-0.6
Wood buildings and mobile homes	245	103.8	98.3	97.0	96.7	100.3	99.2	96.8	-0.7
Miscellaneous wood products	249	115.3	111.8	115.4	114.4	123.4	131.2	141.3	3.1
Household furniture	251	110.6	112.5	116.9	121.6	121.3	125.8	128.7	2.3
Office furniture	252	103.2	100.5	101.1	106.4	118.3	113.1	109.8	1.6
Public building and related furniture	253	161.0	157.4	173.3	181.5	214.9	207.6	210.9	6.5
Partitions and fixtures	254	107.4	98.9	101.2	97.5	121.1	125.6	127.0	3.2
Miscellaneous furniture and fixtures	259	103.6	104.7	110.0	113.2	110.7	121.9	122.7	1.9
Pulp mills	261	122.5	128.9	131.9	132.6	82.3	86.6	88.4	-3.0
Paper mills	262	102.4	110.2	118.6	111.6	112.0	114.9	122.7	2.0
Paperboard mills	263	108.4	114.9	119.5	118.0	126.7	127.8	131.0	3.0
Paperboard containers and boxes	265	107.9	108.4	105.1	106.3	109.7	113.5	113.5	1.3
Miscellaneous converted paper products	267	107.9	110.6	113.3	113.6	119.5	122.9	127.3	2.6
Newspapers	271	79.4	79.9	79.0	77.4	79.0	83.6	86.3	-0.5

See notes at end of table.

Table 29. Annual Indexes of output per hour for selected 3-digit SIC Industries, 1993-99—Continued

(Index, 1987=100)

Industry	SIC code ¹	1993	1994	1995	1996	1997	1998	1999	Average annual percent change 1990-99 ²
Manufacturing—Continued									
Periodicals	272	89.5	81.9	87.8	89.1	100.1	115.0	115.1	2.3
Books	273	103.5	103.0	101.6	99.3	102.6	101.0	105.4	1.0
Miscellaneous publishing	274	104.5	97.5	94.8	93.6	114.5	119.5	128.3	3.7
Commercial printing	275	106.9	106.5	107.2	108.3	108.8	109.9	115.2	1.3
Manifold business forms	276	91.1	82.0	76.9	75.2	77.9	76.7	73.6	-2.6
Greeting cards	277	91.4	89.0	92.5	90.8	92.2	104.2	103.9	0.4
Blankbooks and bookbinding ..	278	98.7	105.4	108.7	114.5	114.2	116.4	123.3	2.4
Printing trade services	279	115.3	111.0	116.7	126.2	123.3	126.7	120.5	2.2
Industrial inorganic chemicals	281	105.6	102.3	109.3	110.1	116.8	145.8	170.7	5.3
Plastics materials and synthetics	282	112.0	125.3	128.3	125.3	135.4	142.2	145.7	4.2
Drugs	283	99.7	104.6	108.7	112.5	112.4	104.3	104.8	0.1
Soaps, cleaners, and toilet goods	284	108.7	111.2	118.6	120.9	126.4	122.7	116.8	1.3
Paints and allied products	285	108.8	116.7	118.0	125.6	126.4	126.8	125.6	1.9
Industrial organic chemicals ...	286	92.2	99.9	98.6	99.0	111.2	105.7	111.3	1.0
Agricultural chemicals	287	103.8	105.0	108.5	110.0	119.8	117.5	106.9	0.2
Miscellaneous chemical products	289	107.1	105.7	107.8	110.1	120.3	120.6	128.1	3.1
Petroleum refining	291	120.1	123.8	132.3	142.0	149.2	155.7	169.5	5.0
Asphalt paving and roofing materials	295	108.0	104.9	111.2	113.1	123.1	124.7	115.7	1.9
Miscellaneous petroleum and coal products	299	104.2	96.3	87.4	87.1	96.5	98.5	90.7	-0.5
Tires and inner tubes	301	116.5	124.1	131.1	138.8	149.1	144.2	145.5	3.9
Hose and belting and gaskets and packing	305	99.7	102.7	104.6	107.4	113.5	112.7	114.0	1.9
Fabricated rubber products, n.e.c	306	123.1	119.1	121.5	121.0	125.3	132.3	140.8	2.9
Miscellaneous plastics products, n.e.c	308	116.7	120.8	121.0	124.7	129.9	133.8	141.2	3.3
Footwear, except rubber	314	105.2	113.0	117.1	126.1	121.4	110.9	131.6	3.0
Flat glass	321	97.7	97.6	99.6	101.5	107.6	114.0	127.7	4.7
Glass and glassware, pressed or blown	322	108.7	112.9	115.7	121.4	128.3	135.2	143.6	3.6
Products of purchased glass	323	106.2	105.9	106.1	122.0	125.1	122.0	134.0	4.2
Cement, hydraulic	324	119.9	125.6	124.3	128.7	133.1	134.1	139.6	2.4
Structural clay products	325	106.8	114.0	112.6	119.6	111.9	114.8	124.0	1.4
Pottery and related products ...	326	100.3	108.4	109.3	119.3	123.2	127.1	120.8	2.3
Concrete, gypsum, and plaster products	327	104.6	101.5	104.5	107.3	107.6	112.8	114.4	1.3
Miscellaneous nonmetallic mineral products	329	104.5	106.3	107.8	110.4	114.6	114.7	114.6	2.1
Blast furnace and basic steel products	331	133.6	142.4	142.6	147.5	155.0	151.0	148.9	3.5
Iron and steel foundries	332	112.1	113.0	112.7	116.2	120.8	121.1	126.2	1.9
Primary nonferrous metals	333	107.9	105.3	111.0	110.8	112.0	125.8	131.2	2.8
Nonferrous rolling and drawing	335	98.3	101.2	99.2	104.0	111.3	115.2	122.7	3.2
Nonferrous foundries (castings)	336	108.5	112.1	117.8	122.3	127.0	131.5	130.8	2.6
Miscellaneous primary metal products	339	111.3	134.5	152.2	149.6	136.2	140.0	150.4	3.2
Metal cans and shipping containers	341	132.3	140.9	144.2	155.2	160.3	163.8	160.3	3.5
Cutlery, handtools, and hardware	342	104.0	109.2	111.3	118.2	114.6	115.7	123.9	2.7
Plumbing and heating, except electric	343	102.0	109.1	109.2	118.6	127.3	130.3	126.9	2.4
Fabricated structural metal products	344	104.8	107.7	105.8	106.5	111.9	112.7	112.7	1.5
Metal forgings and stampings ..	346	108.7	108.5	109.3	113.6	120.2	125.9	130.3	3.5
Metal services, n.e.c	347	120.6	123.0	127.7	128.4	124.4	127.3	127.9	2.3
Ordnance and accessories, n.e.c	348	84.6	83.6	87.6	87.5	93.7	96.6	92.2	1.3

See notes at end of table.

Table 29. Annual Indexes of output per hour for selected 3-digit SIC Industries, 1993-99—Continued

(Index, 1987=100)

Industry	SIC code ¹	1993	1994	1995	1996	1997	1998	1999	Average annual percent change 1990-99 ²
Manufacturing—Continued									
Miscellaneous fabricated metal products	349	102.0	103.2	106.6	108.3	107.7	111.5	110.3	1.4
Engines and turbines	351	109.2	122.3	122.7	136.6	136.9	145.9	151.2	4.0
Farm and garden machinery ...	352	118.6	125.0	134.7	137.2	141.2	148.5	125.5	0.8
Construction and related machinery	353	108.2	117.7	122.1	123.3	132.5	137.5	137.2	2.8
Metalworking machinery	354	107.4	109.9	114.8	114.9	119.2	119.8	123.5	2.3
Special industry machinery	355	113.6	121.2	132.3	134.0	131.7	125.1	139.3	2.9
General industrial machinery	356	104.8	106.7	109.0	109.4	110.0	111.2	111.4	1.0
Computer and office equipment	357	258.6	328.6	469.4	681.3	960.2	1350.6	1840.2	33.3
Refrigeration and service machinery	358	108.6	110.7	112.7	114.7	115.0	121.4	123.2	1.9
Industrial machinery, n.e.c.	359	118.5	127.4	138.8	141.4	129.3	127.5	134.3	2.5
Electric distribution equipment	361	122.2	131.8	143.0	143.9	142.8	147.5	146.6	3.6
Electrical industrial apparatus	362	132.9	134.9	150.8	154.3	164.2	162.3	162.9	4.7
Household appliances	363	123.4	131.4	127.3	127.4	142.9	150.3	150.2	4.0
Electric lighting and wiring equipment	364	107.8	113.4	113.7	116.9	121.8	129.2	132.4	3.2
Communications equipment ...	366	163.0	186.4	200.6	229.5	275.3	276.0	327.1	11.4
Electronic components and accessories	367	217.9	274.1	401.5	514.9	613.4	768.0	1070.0	26.0
Miscellaneous electrical equipment & supplies	369	108.2	110.5	114.1	123.1	128.3	135.3	140.7	5.0
Motor vehicles and equipment	371	106.2	108.8	106.7	107.2	116.3	125.2	136.5	3.2
Aircraft and parts	372	115.2	109.6	107.9	113.0	114.7	140.1	139.6	3.9
Ship and boat building and repairing	373	106.2	103.8	98.0	99.2	105.3	102.0	112.6	0.9
Railroad equipment	374	151.0	152.5	150.0	148.3	184.2	189.1	205.1	4.2
Motorcycles, bicycles, and parts	375	130.9	125.1	120.3	125.5	120.4	127.7	121.4	2.9
Guided missiles, space vehicles, parts	376	122.1	118.9	121.0	129.4	136.5	142.4	158.2	3.5
Search and navigation equipment	381	129.1	132.1	149.5	142.2	149.5	149.1	139.7	2.4
Measuring and controlling devices	382	124.0	133.8	146.4	150.5	142.4	143.5	152.9	4.1
Medical instruments and supplies	384	127.3	126.7	131.5	139.8	147.4	158.6	160.2	3.6
Ophthalmic goods	385	157.8	160.6	167.2	188.2	196.3	199.1	229.5	7.4
Photographic equipment & supplies	386	126.9	132.7	129.5	128.7	121.5	124.8	147.2	3.5
Jewelry, silverware, and plated ware	391	96.7	99.5	100.2	102.6	114.2	113.1	133.9	3.4
Musical instruments	393	95.6	88.7	86.9	78.8	82.9	81.4	86.4	-1.3
Toys and sporting goods	394	114.2	109.7	113.6	119.9	125.7	131.6	124.0	1.5
Pens, pencils, office, and art supplies	395	111.6	129.9	135.2	144.1	127.5	132.5	129.3	1.0
Costume jewelry and notions	396	115.8	129.0	143.7	142.2	118.0	131.2	150.2	4.0
Miscellaneous manufactures ..	399	107.7	106.1	108.1	112.8	109.4	108.5	111.2	0.5
Transportation									
Railroad transportation	4011	145.4	150.3	156.2	167.0	169.8	173.3	182.3	4.9
Trucking, except local ³	4213	126.6	129.5	125.4	130.9	132.4	129.9	131.6	1.9
U.S. postal service ⁴	431	107.1	106.6	106.5	104.7	108.3	109.7	110.3	0.7
Air transportation ³	4512,13,22 (pts.)	100.2	105.7	108.6	111.1	111.6	110.7	108.3	1.7

See notes at end of table.

Table 29. Annual Indexes of output per hour for selected 3-digit SIC Industries, 1993-99—Continued

(Index, 1987=100)

Industry	SIC code ¹	1993	1994	1995	1996	1997	1998	1999	Average annual percent change 1990-99 ²
Utilities									
Telephone communications	481	135.5	142.2	148.1	159.5	160.9	170.3	189.1	5.9
Radio and television broadcasting	483	106.7	110.1	109.6	105.8	101.1	100.7	101.8	-0.3
Cable and other pay TV services	484	85.3	83.4	84.5	81.9	84.7	83.5	81.5	-1.4
Electric utilities	491,3 (pt.)	120.6	126.8	135.0	146.5	150.5	160.1	162.7	4.4
Gas utilities	492,3 (pt.)	121.8	125.6	137.1	145.9	158.6	144.4	145.0	3.6
Trade									
Lumber and other building materials dealers	521	111.4	118.9	117.8	121.6	121.8	134.2	142.3	3.5
Paint, glass, and wallpaper stores	523	114.2	127.8	130.9	133.5	134.8	163.5	163.2	4.8
Hardware stores	525	113.9	121.2	115.5	119.5	119.0	137.8	149.3	2.9
Retail nurseries, lawn and garden supply stores	526	107.1	117.0	117.4	136.4	127.5	133.7	151.2	6.7
Department stores	531	110.4	113.4	115.9	123.5	128.8	135.5	147.4	4.8
Variety stores	533	191.5	197.4	211.3	238.4	257.7	268.7	319.5	8.4
Miscellaneous general merchandise stores	539	164.2	164.8	167.3	167.6	170.3	185.7	195.2	5.7
Grocery stores	541	96.0	95.4	93.9	92.1	91.7	92.2	95.4	-0.1
Meat and fish (seafood) markets	542	97.7	95.7	94.4	86.4	90.8	95.7	99.3	0.0
Retail bakeries	546	86.5	85.3	83.0	75.9	67.6	68.1	83.8	-0.9
New and used car dealers	551	108.6	109.7	108.1	109.1	108.8	108.7	111.9	0.5
Auto and home supply stores	553	100.8	105.3	109.1	108.2	108.1	113.0	116.0	1.3
Gasoline service stations	554	115.9	121.1	127.2	126.1	126.1	133.9	140.6	3.5
Men's and boy's wear stores	561	119.5	121.8	121.4	129.8	136.3	145.2	154.6	3.3
Women's clothing stores	562	130.0	130.4	139.9	154.2	157.3	176.1	190.5	6.7
Family clothing stores	565	121.5	127.7	141.8	146.9	150.2	153.1	156.5	4.2
Shoe stores	566	117.3	130.7	139.2	151.9	148.4	145.0	151.1	3.8
Furniture and home furnishings stores	571	113.3	114.7	117.4	123.6	124.2	127.2	134.1	2.8
Household appliance stores	572	118.0	121.5	138.4	140.7	153.5	181.4	183.9	6.5
Radio, television, computer, and music stores	573	154.5	179.1	199.3	208.1	218.4	260.3	314.6	11.2
Eating and drinking places	581	103.8	102.1	102.0	100.6	101.6	102.0	104.3	0.0
Drug and proprietary stores	591	109.5	109.9	111.1	113.9	119.7	125.6	129.8	2.2
Liquor stores	592	101.8	100.1	104.7	113.8	109.9	116.5	114.6	0.9
Used merchandise stores	593	116.8	119.5	120.6	132.7	140.3	163.6	181.9	6.5
Miscellaneous shopping goods stores	594	111.5	117.1	123.1	125.3	129.1	138.8	145.2	3.4
Nonstore retailers	596	132.2	149.0	152.4	173.3	186.5	208.0	222.2	8.0
Fuel dealers	598	91.8	99.0	111.4	112.4	109.0	105.8	115.1	3.5
Retail stores, n.e.c.	599	118.1	125.8	127.0	140.2	147.8	157.3	161.0	3.9
Finance and Services									
Commercial banks	602	118.5	121.7	126.4	129.7	133.0	132.6	135.2	2.6
Hotels and motels	701	106.5	109.9	110.5	110.0	108.2	111.6	113.5	1.8
Laundry, cleaning, and garment services	721	99.9	105.0	106.6	109.8	109.0	116.2	121.8	2.0
Photographic studios, portrait	722	101.8	108.3	116.2	110.7	114.1	121.6	105.1	0.8
Beauty shops	723	97.0	101.1	104.8	107.6	108.5	110.5	113.3	1.7
Barber shops	724	121.9	118.8	115.7	128.8	150.4	157.4	138.0	3.6
Funeral services and crematories	726	98.7	104.3	100.2	97.6	101.9	104.2	99.7	1.0
Automotive repair shops	753	105.7	114.3	121.6	116.1	117.2	124.9	127.6	1.9
Motion picture theaters	783	113.8	110.4	105.0	104.1	103.4	106.1	110.5	-0.7

¹ 1987 Standard Industrial Classification.

² Average annual percent change based on compound rate formula.

³ Refers to output per employee.

⁴ Refers to output per full-time equivalent employee year on fiscal basis.

n.e.c. = not elsewhere classified

Table 30. Average weekly earnings of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-2000

(In current dollars)

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
1947	\$45.58	\$59.89	\$58.83	\$49.13	—	\$50.06	\$33.77	\$43.21	—
1948	49.00	65.52	65.23	53.08	—	53.59	36.22	45.48	—
1949	50.24	62.33	67.56	53.80	—	55.45	38.42	47.63	—
1950	53.13	67.16	69.68	58.28	—	55.31	39.71	47.50	—
1951	57.86	74.11	76.96	63.34	—	62.02	42.82	54.67	—
1952	60.65	77.59	82.86	66.75	—	65.53	43.38	57.08	—
1953	63.76	83.03	86.41	70.47	—	68.61	45.36	59.57	—
1954	64.52	82.60	88.54	70.49	—	71.28	47.04	62.04	—
1955	67.72	89.54	90.90	75.30	—	74.48	48.75	63.92	—
1956	70.74	95.06	96.38	78.78	—	78.17	50.18	65.68	—
1957	73.33	98.25	100.27	81.19	—	81.41	52.20	67.53	—
1958	75.08	96.08	103.78	82.32	—	84.02	54.10	70.12	—
1959	78.78	103.68	108.41	88.26	—	88.51	56.15	72.74	—
1960	80.67	105.04	112.67	89.72	—	90.72	57.76	75.14	—
1961	82.60	106.92	118.08	92.34	—	93.56	58.66	77.12	—
1962	85.91	110.70	122.47	96.56	—	96.22	60.96	80.94	—
1963	88.46	114.40	127.19	99.23	—	99.47	62.66	84.38	—
1964	91.33	117.74	132.06	102.97	\$118.78	102.56	64.75	85.79	\$70.03
1965	95.45	123.52	138.38	107.53	125.14	106.08	66.61	88.91	73.60
1966	98.82	130.24	146.26	112.19	128.13	111.11	68.57	92.13	77.04
1967	101.84	135.89	154.95	114.49	130.82	115.66	70.95	95.72	80.38
1968	107.73	142.71	164.49	122.51	138.85	121.90	74.95	101.75	83.97
1969	114.61	154.80	181.54	129.51	147.74	129.85	78.66	108.70	90.57
1970	119.83	164.40	195.45	133.33	155.93	136.86	82.47	112.67	96.66
1971	127.31	172.14	211.67	142.44	168.82	143.42	87.62	117.85	103.06
1972	136.90	189.14	221.19	154.71	187.86	151.69	91.85	122.98	110.85
1973	145.39	201.40	235.89	166.46	203.31	159.54	96.32	129.20	117.29
1974	154.76	219.14	249.25	176.80	217.48	169.94	102.68	137.61	126.00
1975	163.53	249.31	266.08	190.79	233.44	182.19	108.86	148.19	134.67
1976	175.45	273.90	283.73	209.32	256.71	194.27	114.60	155.43	143.52
1977	189.00	301.20	295.65	228.90	278.90	209.13	121.66	165.26	153.45
1978	203.70	332.88	318.69	249.27	302.80	228.14	130.20	178.00	163.67
1979	219.91	365.07	342.99	269.34	325.58	247.93	138.62	190.77	175.27
1980	235.10	397.06	367.78	288.62	351.25	266.88	147.38	209.60	190.71
1981	255.20	438.75	399.26	318.00	382.18	290.68	158.03	229.05	208.97
1982	267.26	459.88	426.82	330.26	402.48	309.46	163.85	245.44	225.59
1983	280.70	479.40	442.97	354.08	420.81	328.79	171.05	263.90	239.04
1984	292.86	503.58	458.51	374.03	438.13	341.88	174.33	278.50	247.43
1985	299.09	519.93	464.46	386.37	450.30	351.36	174.64	289.02	256.75
1986	304.85	525.81	466.75	396.01	458.64	357.72	176.08	304.30	265.85
1987	312.50	531.70	480.44	406.31	471.58	365.38	178.70	316.90	275.93
1988	322.02	541.44	495.73	418.81	467.57	380.24	183.62	325.25	289.49
1989	334.24	570.18	513.17	429.68	481.43	394.82	188.72	341.17	305.79
1990	345.35	603.29	526.01	441.86	496.13	411.10	194.40	356.93	319.48
1991	353.98	630.04	533.40	455.03	502.92	424.82	198.48	370.92	331.45
1992	363.61	638.31	537.70	469.86	514.37	435.10	205.06	387.36	342.55
1993	373.64	646.78	553.63	486.04	532.52	448.47	209.95	406.33	350.35
1994	385.86	666.62	573.00	506.94	547.07	463.10	216.46	423.51	358.80
1995	394.34	683.91	587.00	514.59	556.72	476.07	221.47	442.29	369.04
1996	406.61	707.59	603.33	531.23	572.22	492.92	230.11	459.52	382.00
1997	424.89	733.21	625.56	553.14	592.32	516.48	240.74	481.57	400.33
1998	442.19	742.35	646.13	562.53	604.75	538.88	253.46	512.15	418.58
1999	456.78	736.56	672.13	579.63	607.20	558.80	263.61	529.24	435.86
2000	474.38	743.04	702.68	598.21	626.09	585.20	273.39	547.04	454.86

Dash indicates data not available.

NOTE: Current estimates are projected from March 2000 benchmark levels.

Table 31. Median weekly earnings of full-time wage and salary workers by age, sex, race, and Hispanic origin, annual averages, 1983-2000

(In current dollars)

Characteristic	1983	1984	1985	1986 ¹	1987	1988	1989	1990 ¹	1991
Total, 16 years and over	\$313	\$326	\$343	\$358	\$373	\$385	\$399	\$412	\$426
16 to 24 years	210	217	223	231	242	249	259	269	277
16 to 19 years	163	168	173	178	185	195	204	209	213
20 to 24 years	222	230	240	248	258	265	276	285	291
25 years and over	343	361	378	391	403	414	427	449	467
25 to 54 years	344	362	379	391	403	414	429	450	468
25 to 34 years	321	335	349	360	373	383	394	407	415
35 to 44 years	369	389	405	418	435	449	472	486	498
45 to 54 years	366	385	400	415	429	452	472	489	507
55 years and over	337	356	374	389	398	411	420	440	457
55 to 64 years	346	365	380	396	405	419	431	457	469
65 years and over	260	271	296	298	310	323	334	343	381
Men	378	391	406	419	433	449	468	481	493
Women	252	265	277	290	303	315	328	346	366
White, both sexes	319	336	355	370	383	394	409	424	442
Men	387	400	417	433	450	465	482	494	506
Women	254	268	281	294	307	318	334	353	373
Black, both sexes	261	269	277	291	301	314	319	329	348
Men	293	302	304	318	326	347	348	361	375
Women	231	241	252	263	275	288	301	308	323
Hispanic origin, both sexes	(²)	(²)	(²)	277	284	290	298	304	312
Men	(²)	(²)	(²)	299	306	307	315	318	323
Women	(²)	(²)	(²)	241	251	260	269	278	292
	1992	1993	1994 ¹	1995	1996	1997 ¹	1998 ¹	1999 ¹	2000 ¹
Total, 16 years and over	\$440	\$459	\$467	\$479	\$490	\$503	\$523	\$549	\$576
16 to 24 years	276	282	286	292	298	306	319	341	361
16 to 19 years	212	214	221	231	240	252	268	281	294
20 to 24 years	290	297	300	306	312	321	339	363	383
25 years and over	479	491	500	510	520	540	572	592	611
25 to 54 years	479	492	501	511	521	541	571	592	612
25 to 34 years	422	436	439	451	463	481	502	518	550
35 to 44 years	503	517	537	550	559	579	597	611	631
45 to 54 years	522	542	566	582	594	607	620	652	671
55 years and over	472	483	490	502	518	534	579	589	603
55 to 64 years	483	492	501	514	535	558	592	604	617
65 years and over	378	393	384	389	384	393	405	404	442
Men	501	510	522	538	557	579	598	618	646
Women	380	393	399	406	418	431	456	473	491
White, both sexes	458	475	484	494	506	519	545	573	591
Men	514	524	547	566	580	595	615	638	669
Women	387	401	408	415	428	444	468	483	500
Black, both sexes	357	369	371	383	387	400	426	445	468
Men	380	392	400	411	412	432	468	488	503
Women	335	348	346	355	362	375	400	409	429
Hispanic origin, both sexes	322	331	324	329	339	351	370	385	396
Men	339	346	343	350	356	371	390	406	414
Women	302	313	305	305	316	318	337	348	364

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

² Data not available.

Table 32. Median weekly earnings of full-time wage and salary workers 25 years and older by sex and educational attainment, annual averages, selected years, 1995-2000

(In current dollars)

Characteristic	1995	1996	1997 ¹	1998 ¹	1999 ¹	2000 ¹
TOTAL						
Total, 25 years and over	\$510	\$520	\$540	\$572	\$592	\$611
Less than a high school diploma	309	317	321	337	346	360
High school graduates, no college	432	443	461	479	490	506
Some college or associate degree	508	518	535	558	580	598
College graduates, total	747	758	779	821	860	896
Men						
Total, 25 years and over	588	599	615	639	668	700
Less than a high school diploma	347	357	365	383	395	409
High school graduates, no college	507	516	535	559	580	594
Some college or associate degree	596	604	621	643	665	699
College graduates, total	845	874	896	939	977	1,022
Women						
Total, 25 years and over	428	444	462	485	497	515
Less than a high school diploma	262	268	275	283	290	303
High school graduates, no college	356	365	378	396	405	421
Some college or associate degree	427	442	459	476	488	504
College graduates, total	644	657	672	707	740	760

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and

Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 33. Producer price indexes for major commodity groups, 1947-2000

(1982=100)

Year	Farm products, processed foods and feeds	Farm products	Processed foods and feeds	Industrial commodities	Textile products and apparel	Hides, skins, leather, and products	Fuels and related products and power ¹	Chemicals and allied products ¹	Rubber and plastic products
1947	37.9	45.1	33.0	22.7	50.6	31.7	11.1	32.1	29.2
1948	40.8	48.5	35.3	24.6	52.8	32.1	13.1	32.8	30.2
1949	36.0	41.9	32.1	24.1	48.3	30.4	12.4	30.0	29.2
1950	37.7	44.0	33.2	25.0	50.2	32.9	12.6	30.4	35.6
1951	43.0	51.2	36.9	27.6	56.0	37.7	13.0	34.8	43.7
1952	41.3	48.4	36.4	26.9	50.5	30.5	13.0	33.0	39.6
1953	38.6	43.8	34.8	27.2	49.3	31.0	13.4	33.4	36.9
1954	38.5	43.2	35.4	27.2	48.2	29.5	13.2	33.8	37.5
1955	36.6	40.5	33.8	27.8	48.2	29.4	13.2	33.7	42.4
1956	36.4	40.0	33.8	29.1	48.2	31.2	13.6	33.9	43.0
1957	37.7	41.1	34.8	29.9	48.3	31.2	14.3	34.6	42.8
1958	39.4	42.9	36.5	30.0	47.4	31.6	13.7	34.9	42.8
1959	37.6	40.2	35.6	30.5	48.1	35.9	13.7	34.8	42.6
1960	37.7	40.1	35.6	30.5	48.6	34.6	13.9	34.8	42.7
1961	37.7	39.7	36.2	30.4	47.8	34.9	14.0	34.5	41.1
1962	38.1	40.4	36.5	30.4	48.2	35.3	14.0	33.9	39.9
1963	37.7	39.6	36.8	30.3	48.2	34.3	13.9	33.5	40.1
1964	37.5	39.0	36.7	30.5	48.5	34.4	13.5	33.6	39.6
1965	39.0	40.7	38.0	30.9	48.8	35.9	13.8	33.9	39.7
1966	41.6	43.7	40.2	31.5	48.9	39.4	14.1	34.0	40.5
1967	40.2	41.3	39.8	32.0	48.9	38.1	14.4	34.2	41.4
1968	41.1	42.3	40.6	32.8	50.7	39.3	14.3	34.1	42.8
1969	43.4	45.0	42.7	33.9	51.8	41.5	14.6	34.2	43.6
1970	44.9	45.8	44.6	35.2	52.4	42.0	15.3	35.0	44.9
1971	45.8	46.6	45.5	36.5	53.3	43.4	16.6	35.6	45.2
1972	49.2	51.6	48.0	37.8	55.5	50.0	17.1	35.6	45.3
1973	63.9	72.7	58.9	40.3	60.5	54.5	19.4	37.6	46.6
1974	71.3	77.4	68.0	49.2	68.0	55.2	30.1	50.2	56.4
1975	74.0	77.0	72.6	54.9	67.4	56.5	35.4	62.0	62.2
1976	73.6	78.8	70.8	58.4	72.4	63.9	38.3	64.0	66.0
1977	75.9	79.4	74.0	62.5	75.3	68.3	43.6	65.9	69.4
1978	83.0	87.7	80.6	67.0	78.1	76.1	46.5	68.0	72.4
1979	92.3	99.6	88.5	75.7	82.5	96.1	58.9	76.0	80.5
1980	98.3	102.9	95.9	88.0	89.7	94.7	82.8	89.0	90.1
1981	101.1	105.2	98.9	97.4	97.6	99.3	100.2	98.4	96.4
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	102.0	102.4	101.8	101.1	100.3	103.2	95.9	100.3	100.8
1984	105.5	105.5	105.4	103.3	102.7	109.0	94.8	102.9	102.3
1985	100.7	95.1	103.5	103.7	102.9	108.9	91.4	103.7	101.9
1986	101.2	92.9	105.4	100.0	103.2	113.0	69.8	102.6	101.9
1987	103.7	95.5	107.9	102.6	105.1	120.4	70.2	106.4	103.0
1988	110.0	104.9	112.7	106.3	109.2	131.4	66.7	116.3	109.3
1989	115.4	110.9	117.8	111.6	112.3	136.3	72.9	123.0	112.6
1990	118.6	112.2	121.9	115.8	115.0	141.7	82.3	123.6	113.6
1991	116.4	105.7	121.9	116.5	116.3	138.9	81.2	125.6	115.1
1992	115.9	103.6	122.1	117.4	117.8	140.4	80.4	125.9	115.1
1993	118.4	107.1	124.0	119.0	118.0	143.7	80.0	128.2	116.0
1994	119.1	106.3	125.5	120.7	118.3	148.5	77.8	132.1	117.6
1995	120.5	107.4	127.0	125.5	120.8	153.7	78.0	142.5	124.3
1996	129.7	122.4	133.3	127.3	122.4	150.5	85.8	142.1	123.8
1997	127.0	112.9	134.0	127.7	122.6	154.2	86.1	143.6	123.2
1998	122.7	104.6	131.6	124.8	122.9	148.0	75.3	143.9	122.6
1999	120.3	98.4	131.1	126.5	121.1	146.0	80.5	144.2	122.5
2000	122.0	99.5	133.1	134.8	121.4	151.5	103.5	151.0	125.5

See footnote at end of table.

Table 33. Producer price indexes for major commodity groups, 1947-2000—Continued

(1982=100)

Year	Lumber and wood products	Pulp, paper, and allied products	Metals and metal products	Machinery and equipment	Furniture and household durables	Non-metallic mineral products	Transportation and equipment	Motor vehicles and equipment	Miscellaneous products
1947	25.8	25.1	18.2	19.3	37.2	20.7	—	25.5	26.6
1948	29.5	26.2	20.7	20.9	39.4	22.4	—	28.2	27.7
1949	27.3	25.1	20.9	21.9	40.1	23.0	—	30.1	28.2
1950	31.4	25.7	22.0	22.6	40.9	23.5	—	30.0	28.6
1951	34.1	30.5	24.5	25.3	44.4	25.0	—	31.6	30.3
1952	33.2	29.7	24.5	25.3	43.5	25.0	—	33.4	30.2
1953	33.1	29.6	25.3	25.9	44.4	26.0	—	33.3	31.0
1954	32.5	29.6	25.5	26.3	44.9	26.6	—	33.4	31.3
1955	34.1	30.4	27.2	27.2	45.1	27.3	—	34.3	31.3
1956	34.6	32.4	29.6	29.3	46.3	28.5	—	36.3	31.7
1957	32.8	33.0	30.2	31.4	47.5	29.6	—	37.9	32.6
1958	32.5	33.4	30.0	32.1	47.9	29.9	—	39.0	33.3
1959	34.7	33.7	30.6	32.8	48.0	30.3	—	39.9	33.4
1960	33.5	34.0	30.6	33.0	47.8	30.4	—	39.3	33.6
1961	32.0	33.0	30.5	33.0	47.5	30.5	—	39.2	33.7
1962	32.2	33.4	30.2	33.0	47.2	30.5	—	39.2	33.9
1963	32.8	33.1	30.3	33.1	46.9	30.3	—	38.9	34.2
1964	33.5	33.0	31.1	33.3	47.1	30.4	—	39.1	34.4
1965	33.7	33.3	32.0	33.7	46.8	30.4	—	39.2	34.7
1966	35.2	34.2	32.8	34.7	47.4	30.7	—	39.2	35.3
1967	35.1	34.6	33.2	35.9	48.3	31.2	—	39.8	36.2
1968	39.8	35.0	34.0	37.0	49.7	32.4	—	40.9	37.0
1969	44.0	36.0	36.0	38.2	50.7	33.6	40.4	41.7	38.1
1970	39.9	37.5	38.7	40.0	51.9	35.3	41.9	43.3	39.8
1971	44.7	38.1	39.4	41.4	53.1	38.2	44.2	45.7	40.8
1972	50.7	39.3	40.9	42.3	53.8	39.4	45.5	47.0	41.5
1973	62.2	42.3	44.0	43.7	55.7	40.7	46.1	47.4	43.3
1974	64.5	52.5	57.0	50.0	61.8	47.8	50.3	51.4	48.1
1975	62.1	59.0	61.5	57.9	67.5	54.4	56.7	57.6	53.4
1976	72.2	62.1	65.0	61.3	70.3	58.2	60.5	61.2	55.6
1977	83.0	64.6	69.3	65.2	73.2	62.6	64.6	65.2	59.4
1978	96.9	67.7	75.3	70.3	77.5	69.6	69.5	70.0	66.7
1979	105.5	75.9	86.0	76.7	82.8	77.6	75.3	75.8	75.5
1980	101.5	86.3	95.0	86.0	90.7	88.4	82.9	83.1	93.6
1981	102.8	94.8	99.6	94.4	95.9	96.7	94.3	94.6	96.1
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	107.9	103.3	101.8	102.7	103.4	101.6	102.8	102.2	104.8
1984	108.0	110.3	104.8	105.1	105.7	105.4	105.2	104.1	107.0
1985	106.6	113.3	104.4	107.2	107.1	108.6	107.9	106.4	109.4
1986	107.2	116.1	103.2	108.8	108.2	110.0	110.5	109.1	111.6
1987	112.8	121.8	107.1	110.4	109.9	110.0	112.5	111.7	114.9
1988	118.9	130.4	118.7	113.2	113.1	111.2	114.3	113.1	120.2
1989	126.7	137.8	124.1	117.4	116.9	112.6	117.7	116.2	126.5
1990	129.7	141.2	122.9	120.7	119.2	114.7	121.5	118.2	134.2
1991	132.1	142.9	120.2	123.0	121.2	117.2	126.4	122.1	140.8
1992	146.6	145.2	119.2	123.4	122.2	117.3	130.4	124.9	145.3
1993	174.0	147.3	119.2	124.0	123.7	120.0	133.7	128.0	145.4
1994	180.0	152.5	124.8	125.1	126.1	124.2	137.2	131.4	141.9
1995	178.1	172.2	134.5	126.6	128.2	129.0	139.7	133.0	145.4
1996	176.1	168.7	131.0	126.5	130.4	131.0	141.7	134.1	147.7
1997	183.8	167.9	131.8	125.9	130.8	133.2	141.6	132.7	150.9
1998	179.1	171.7	127.8	124.9	131.3	135.4	141.2	131.4	156.0
1999	183.6	174.1	124.6	124.3	131.7	138.9	141.8	131.7	166.6
2000	178.2	183.7	128.1	124.0	132.6	142.5	143.8	132.3	170.8

¹ Prices for some items in this grouping are lagged and refer to 1 month earlier than the index month.

Table 34. Producer price indexes by stage of processing, special groups, 1947-2000

(1982=100)

Year	Total finished goods	Finished foods	Finished energy	Finished goods excluding foods and energy	Capital equipment	Consumer goods excluding foods and energy	Total Intermediate	Intermediate foods and feeds ¹	Intermediate energy	Intermediate other	Total crude	Crude foods and feeds	Crude energy	Crude other
1947	26.4	31.9	-	-	19.8	-	23.3	-	-	-	31.7	45.1	-	-
1948	28.5	34.9	-	-	21.6	-	25.2	-	-	-	34.7	48.8	-	-
1949	27.7	32.1	-	-	22.7	-	24.2	-	-	-	30.1	40.5	-	-
1950	28.2	32.7	-	-	23.2	-	25.3	-	-	-	32.7	43.4	-	-
1951	30.8	36.7	-	-	25.5	-	28.4	-	-	-	37.6	50.2	-	-
1952	30.6	36.4	-	-	25.9	-	27.5	-	-	-	34.5	47.3	-	-
1953	30.3	34.5	-	-	26.3	-	27.7	-	-	-	31.9	42.3	-	-
1954	30.4	34.2	-	-	26.7	-	27.9	-	-	-	31.6	42.3	-	-
1955	30.5	33.4	-	-	27.4	-	28.4	-	-	-	30.4	38.4	-	-
1956	31.3	33.3	-	-	29.5	-	29.6	-	-	-	30.6	37.6	-	-
1957	32.5	34.4	-	-	31.3	-	30.3	-	-	-	31.2	39.2	-	-
1958	33.2	36.5	-	-	32.1	-	30.4	-	-	-	31.9	41.6	-	-
1959	33.1	34.8	-	-	32.7	-	30.8	-	-	-	31.1	38.8	-	-
1960	33.4	35.5	-	-	32.8	-	30.8	-	-	-	30.4	38.4	-	-
1961	33.4	35.4	-	-	32.9	-	30.6	-	-	-	30.2	37.9	-	-
1962	33.5	35.7	-	-	33.0	-	30.6	-	-	-	30.5	38.6	-	-
1963	33.4	35.3	-	-	33.1	-	30.7	-	-	-	29.9	37.5	-	-
1964	33.5	35.4	-	-	33.4	-	30.8	-	-	-	29.6	36.6	-	-
1965	34.1	36.8	-	-	33.8	-	31.2	-	-	-	31.1	39.2	-	-
1966	35.2	39.2	-	-	34.6	-	32.0	-	-	-	33.1	42.7	-	-
1967	35.6	38.5	-	-	35.8	-	32.2	41.8	-	-	31.3	40.3	-	-
1968	36.6	40.0	-	-	37.0	-	33.0	41.5	-	-	31.8	40.9	-	-
1969	38.0	42.4	-	-	38.3	-	34.1	42.9	-	-	33.9	44.1	-	-
1970	39.3	43.8	-	-	40.1	-	35.4	45.6	-	-	35.2	45.2	-	-
1971	40.5	44.5	-	-	41.7	-	36.8	46.7	-	-	36.0	46.1	-	-
1972	41.8	46.9	-	-	42.8	-	38.2	49.5	-	-	39.9	51.5	-	-
1973	45.6	56.5	-	48.1	44.2	50.4	42.4	70.3	-	44.3	54.5	72.6	-	70.8
1974	52.6	64.4	26.2	53.6	50.5	55.5	52.5	83.6	33.1	54.0	61.4	76.4	27.8	83.3
1975	58.2	69.8	30.7	59.7	58.2	60.6	58.0	81.6	38.7	60.2	61.6	77.4	33.3	69.3
1976	60.8	69.6	34.3	63.1	62.1	63.7	60.9	77.4	41.5	63.8	63.4	76.8	35.3	80.2
1977	64.7	73.3	39.7	66.9	66.1	67.3	64.9	79.6	46.8	67.6	65.5	77.5	40.4	79.8
1978	69.8	79.9	42.3	71.9	71.3	72.2	69.5	84.8	49.1	72.5	73.4	87.3	45.2	87.8
1979	77.6	87.3	57.1	78.3	77.5	78.8	78.4	94.5	61.1	80.7	85.9	100.0	54.9	106.2
1980	88.0	92.4	85.2	87.1	85.8	87.8	90.3	105.5	84.9	90.3	95.3	104.6	73.1	113.1
1981	96.1	97.8	101.5	94.6	94.6	94.6	98.6	104.6	100.5	97.7	103.0	103.9	97.7	111.7
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	101.6	101.0	95.2	103.0	102.8	103.1	100.6	103.6	95.3	101.6	101.3	101.8	98.7	105.3
1984	103.7	105.4	91.2	105.5	105.2	105.7	103.1	105.7	95.5	104.7	103.5	104.7	98.0	111.7
1985	104.7	104.6	87.6	108.1	107.5	108.4	102.7	97.3	92.6	105.2	95.8	94.8	93.3	104.9
1986	103.2	107.3	63.0	110.6	109.7	111.1	99.1	96.2	72.6	104.9	87.7	93.2	71.8	103.1
1987	105.4	109.5	61.8	113.3	111.7	114.2	101.5	99.2	73.0	107.8	93.7	96.2	75.0	115.7
1988	108.0	112.6	59.8	117.0	114.3	118.5	107.1	109.5	70.9	115.2	96.0	106.1	67.7	133.0
1989	113.6	118.7	65.7	122.1	118.8	124.0	112.0	113.8	76.1	120.2	103.1	111.2	75.9	137.9
1990	119.2	124.4	75.0	126.6	122.9	128.8	114.5	113.3	85.5	120.9	108.9	113.1	85.9	136.3
1991	121.7	124.1	78.1	131.1	126.7	133.7	114.4	111.1	85.1	121.4	101.2	105.5	80.4	128.2
1992	123.2	123.3	77.8	134.2	129.1	137.3	114.7	110.7	84.3	122.0	100.4	105.1	78.8	128.4
1993	124.7	125.7	78.0	135.8	131.4	138.5	116.2	112.7	84.6	123.8	102.4	108.4	76.7	140.2
1994	125.5	126.8	77.0	137.1	134.1	139.0	118.5	114.8	83.0	127.1	101.8	106.5	72.1	156.2
1995	127.9	129.0	78.1	140.0	136.7	141.9	124.9	114.8	84.1	135.2	102.7	105.8	69.4	173.6
1996	131.3	133.6	83.2	142.0	138.3	144.3	125.7	128.1	89.8	134.0	113.8	121.5	85.0	155.8
1997	131.8	134.5	83.4	142.4	138.2	145.1	125.6	125.4	89.0	134.2	111.1	112.2	87.3	156.5
1998	130.7	134.3	75.1	143.7	137.6	147.7	123.0	116.2	80.8	133.5	96.8	103.9	68.6	142.1
1999	133.0	135.1	78.8	146.1	137.6	151.7	123.2	111.1	84.3	133.1	98.2	98.7	78.5	135.2
2000	138.0	137.2	94.1	148.0	138.8	154.0	129.2	111.7	101.7	136.6	120.6	100.2	122.1	145.2

¹ Intermediate materials for food manufacturing and feeds.

Dash indicates data not available.

Table 35. Consumer Price Index for All Urban Consumers (CPI-U), 1960-2000

Year	Annual average				December			
	All items	Food	Energy	All items less food and energy	All items	Food	Energy	All items less food and energy
1960	29.6	30.0	22.4	30.6	29.8	30.4	22.7	30.8
1961	29.9	30.4	22.5	31.0	30.0	30.2	22.4	31.2
1962	30.2	30.6	22.6	31.4	30.4	30.6	22.9	31.6
1963	30.6	31.1	22.6	31.8	30.9	31.2	22.7	32.1
1964	31.0	31.5	22.5	32.3	31.2	31.6	22.7	32.5
1965	31.5	32.2	22.9	32.7	31.8	32.7	23.1	33.0
1966	32.4	33.8	23.3	33.5	32.9	34.0	23.5	34.1
1967	33.4	34.1	23.8	34.7	33.9	34.4	23.9	35.4
1968	34.8	35.3	24.2	36.3	35.5	35.9	24.3	37.2
1969	36.7	37.1	24.8	38.4	37.7	38.4	25.0	39.5
1970	38.8	39.2	25.5	40.8	39.8	39.3	26.2	42.1
1971	40.5	40.4	26.5	42.7	41.1	41.0	27.0	43.4
1972	41.8	42.1	27.2	44.0	42.5	42.9	27.7	44.7
1973	44.4	48.2	29.4	45.6	46.2	51.6	32.4	46.8
1974	49.3	55.1	38.1	49.4	51.9	57.8	39.4	52.0
1975	53.8	59.8	42.1	53.9	55.5	61.6	43.9	55.5
1976	56.9	61.6	45.1	57.4	58.2	61.9	47.0	58.9
1977	60.6	65.5	49.4	61.0	62.1	66.9	50.4	62.7
1978	65.2	72.0	52.5	65.5	67.7	74.8	54.4	68.0
1979	72.6	79.9	65.7	71.9	76.7	82.4	74.8	75.7
1980	82.4	86.8	86.0	80.8	86.3	90.8	88.3	84.9
1981	90.9	93.6	97.7	89.2	94.0	94.7	98.8	93.0
1982	96.5	97.4	99.2	95.8	97.6	97.6	100.1	97.2
1983	99.6	99.4	99.9	99.6	101.3	100.2	99.6	101.9
1984	103.9	103.2	100.9	104.6	105.3	104.0	99.8	106.7
1985	107.6	105.6	101.6	109.1	109.3	106.7	101.6	111.3
1986	109.6	109.0	88.2	113.5	110.5	110.8	81.6	115.5
1987	113.6	113.5	88.6	118.2	115.4	114.7	88.3	120.4
1988	118.3	118.2	89.3	123.4	120.5	120.7	88.7	126.0
1989	124.0	125.1	94.3	129.0	126.1	127.4	93.2	131.5
1990	130.7	132.4	102.1	135.5	133.8	134.2	110.1	138.3
1991	136.2	136.3	102.5	142.1	137.9	136.7	101.9	144.4
1992	140.3	137.9	103.0	147.3	141.9	138.7	103.9	149.2
1993	144.5	140.9	104.2	152.2	145.8	142.7	102.4	153.9
1994	148.2	144.3	104.6	156.5	149.7	146.8	104.7	157.9
1995	152.4	148.4	105.2	161.2	153.5	149.9	103.3	162.7
1996	156.9	153.3	110.1	165.6	158.6	156.3	112.2	167.0
1997	160.5	157.3	111.5	169.5	161.3	158.7	108.4	170.7
1998	163.0	160.7	102.9	173.4	163.9	162.3	98.9	174.8
1999	166.6	164.1	106.6	177.0	168.3	165.4	112.2	178.2
2000	172.2	167.8	124.6	181.3	174.0	170.0	128.1	182.8

Table 35. Consumer Price Index for All Urban Consumers (CPI-U), 1960-2000—Continued

Year	Annual average percent change from previous year				Percent change to December from prior December			
	All items	Food	Energy	All items less food and energy	All items	Food	Energy	All items less food and energy
1960	1.7	1.0	2.3	1.3	1.4	3.1	1.3	1.0
1961	1.0	1.3	.4	1.3	.7	-.7	-1.3	1.3
1962	1.0	.7	.4	1.3	1.3	1.3	2.2	1.3
1963	1.3	1.6	.0	1.3	1.6	2.0	-.9	1.6
1964	1.3	1.3	-.4	1.6	1.0	1.3	0	1.2
1965	1.6	2.2	1.8	1.2	1.9	3.5	1.8	1.5
1966	2.9	5.0	1.7	2.4	3.5	4.0	1.7	3.3
1967	3.1	.9	2.1	3.6	3.0	1.2	1.7	3.8
1968	4.2	3.5	1.7	4.6	4.7	4.4	1.7	5.1
1969	5.5	5.1	2.5	5.8	6.2	7.0	2.9	6.2
1970	5.7	5.7	2.8	6.3	5.6	2.3	4.8	6.6
1971	4.4	3.1	3.9	4.7	3.3	4.3	3.1	3.1
1972	3.2	4.2	2.6	3.0	3.4	4.6	2.6	3.0
1973	6.2	14.5	8.1	3.6	8.7	20.3	17.0	4.7
1974	11.0	14.3	29.6	8.3	12.3	12.0	21.6	11.1
1975	9.1	8.5	10.5	9.1	6.9	6.6	11.4	6.7
1976	5.8	3.0	7.1	6.5	4.9	.5	7.1	6.1
1977	6.5	6.3	9.5	6.3	6.7	8.1	7.2	6.5
1978	7.6	9.9	6.3	7.4	9.0	11.8	7.9	8.5
1979	11.3	11.0	25.1	9.8	13.3	10.2	37.5	11.3
1980	13.5	8.6	30.9	12.4	12.5	10.2	18.0	12.2
1981	10.3	7.8	13.6	10.4	8.9	4.3	11.9	9.5
1982	6.2	4.1	1.5	7.4	3.8	3.1	1.3	4.5
1983	3.2	2.1	.7	4.0	3.8	2.7	-.5	4.8
1984	4.3	3.8	1.0	5.0	3.9	3.8	.2	4.7
1985	3.6	2.3	.7	4.3	3.8	2.6	1.8	4.3
1986	1.9	3.2	-13.2	4.0	1.1	3.8	-19.7	3.8
1987	3.6	4.1	.5	4.1	4.4	3.5	8.2	4.2
1988	4.1	4.1	.8	4.4	4.4	5.2	.5	4.7
1989	4.8	5.8	5.6	4.5	4.6	5.6	5.1	4.4
1990	5.4	5.8	8.3	5.0	6.1	5.3	18.1	5.2
1991	4.2	2.9	.4	4.9	3.1	1.9	-7.4	4.4
1992	3.0	1.2	.5	3.7	2.9	1.5	2.0	3.3
1993	3.0	2.2	1.2	3.3	2.7	2.9	-1.4	3.2
1994	2.6	2.4	.4	2.8	2.7	2.9	2.2	2.6
1995	2.8	2.8	.6	3.0	2.5	2.1	-1.3	3.0
1996	3.0	3.3	4.7	2.7	3.3	4.3	8.6	2.6
1997	2.3	2.6	1.3	2.4	1.7	1.5	-3.4	2.2
1998	1.6	2.2	-7.7	2.3	1.6	2.3	-8.8	2.4
1999	2.2	2.1	3.6	2.1	2.7	1.9	13.4	1.9
2000	3.4	2.3	16.9	2.4	3.4	2.8	14.2	2.6

Table 36. Average annual expenditures and percent distribution of all consumer units, selected periods, 1935-36 to 1998-99

Item	Averages				Percent of current consumption			
	1935-36	1960-61	1972-73	1998-99	1935-36	1960-61	1972-73	1998-99
Characteristics								
Number of consumer units (in thousands) ..	39,458	55,306	71,220	107,824				
Income before taxes	\$1,502	\$6,253	\$11,726	\$42,770				
Income after taxes	-	5,564	10,174	39,489				
Average consumer unit size	3.2	3.2	2.9	2.5				
Percent homeowner	-	61	58	65				
Expenditures								
Current Consumption	\$1,273	\$5,056	\$7,920	\$30,778	100.0	100.0	100.0	100.0
Food	428	1,236	1,679	4,861	33.6	24.4	21.2	15.8
Food at home	-	990	1,303	2,848	-	19.6	16.5	9.3
Food away from home	-	246	376	2,013	-	4.9	4.7	6.5
Alcoholic beverages	-	78	82	313	-	1.5	1.0	1.0
Shelter	241	664	1,395	6,796	18.9	13.1	17.6	22.1
Household operations and utilities	134	538	715	2,822	10.5	10.6	9.0	9.2
Housefurnishings	36	266	378	1,435	2.8	5.3	4.8	4.7
Apparel and services	133	519	647	1,649	10.4	10.3	8.2	5.4
Vehicle purchases ¹	96	299	714	3,136	7.5	5.9	9.0	10.2
Vehicle operations	-	393	935	3,246	-	7.8	11.8	10.5
Public transportation	22	77	96	368	1.7	1.5	1.2	1.2
Health care	56	340	429	1,919	4.4	6.7	5.4	6.2
Insurance	-	90	152	918	-	1.8	1.9	3.0
Services	-	168	216	538	-	3.3	2.7	1.7
Drugs	-	69	47	358	-	1.4	.6	1.2
Supplies	-	13	14	105	-	.3	.2	.3
Entertainment	42	200	373	1,710	3.3	4.0	4.7	5.6
Personal care	26	145	101	405	2.0	2.9	1.3	1.3
Tobacco	24	91	128	287	1.9	1.8	1.6	.9
Education	13	54	109	485	1.0	1.1	1.4	1.6
Reading	14	45	48	160	1.1	.9	.6	.5
Other items	8	111	91	1,187	.6	2.2	1.1	3.9

¹ Vehicle purchases also includes vehicle operations for 1935-36 data.

Dash indicates data not available.

Table 37. Shares of average annual expenditures and characteristics of all consumer units classified by quintiles of income before taxes, Consumer Expenditure Survey, 1989 and 1999

Item	All consumer units	Complete reporting of income						Incomplete reporting of income
		Total complete reporting	Lowest 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent	
1989								
Number of consumer units (in thousands)	95,818	82,960	16,558	16,584	16,592	16,607	16,620	12,857
Consumer unit characteristics:								
Income before taxes ¹	\$31,308	\$31,308	\$5,720	\$13,894	\$23,856	\$37,524	\$75,406	(1)
Age of reference person	47.2	47.1	51.1	50.5	45.5	43.0	45.4	47.7
Average number in consumer unit:								
Persons	2.6	2.5	1.8	2.2	2.6	2.9	3.1	2.7
Children under 18 .....	.7	.7	.5	.5	.7	.9	.8	.7
Persons 65 and over .....	.3	.3	.5	.5	.3	.2	.1	.3
Earners	1.4	1.4	.7	1.0	1.4	1.8	2.1	1.4
Vehicles	2.0	2.0	.9	1.5	2.0	2.6	3.1	2.0
Percent homeowner	63	62	41	50	60	71	88	66
Average annual expenditures	\$27,810	\$28,323	\$12,119	\$17,616	\$24,476	\$34,231	\$53,093	\$24,862
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	14.9	14.8	18.2	17.6	15.9	14.5	12.8	16.1
Food at home	8.6	8.5	12.5	11.5	9.6	8.1	6.3	9.4
Cereals and bakery products	1.3	1.3	2.0	1.7	1.4	1.2	.9	1.4
Meats, poultry, fish, and eggs	2.2	2.2	3.2	3.1	2.5	2.0	1.6	2.4
Dairy products	1.1	1.1	1.7	1.5	1.2	1.0	.8	1.2
Fruits and vegetables	1.5	1.4	2.2	2.0	1.6	1.4	1.0	1.7
Other food at home	2.5	2.5	3.4	3.2	2.9	2.5	2.0	2.7
Food away from home	6.3	6.3	5.7	6.1	6.3	6.3	6.5	6.7
Alcoholic beverages	1.0	1.1	1.1	1.1	1.3	1.1	.9	.9
Housing	31.0	30.4	35.2	32.7	30.3	28.7	29.6	35.1
Shelter	17.4	17.0	19.6	17.5	16.5	16.0	17.2	19.7
Owned dwellings	10.2	10.0	6.7	6.1	7.9	9.7	13.3	11.8
Rented dwellings	5.4	5.4	11.8	10.4	7.4	4.8	1.7	5.4
Other lodging	1.7	1.6	1.1	1.0	1.2	1.5	2.2	2.4
Utilities, fuels, and public services	6.6	6.4	9.7	8.5	7.2	5.9	4.9	8.0
Household operations	1.7	1.6	1.2	1.3	1.5	1.5	1.9	2.0
Housekeeping supplies	1.4	1.4	1.5	2.0	1.6	1.3	1.3	1.3
Household furnishings and equipment	3.9	3.9	3.1	3.4	3.6	3.9	4.3	4.2
Apparel and services	5.7	5.7	5.2	5.2	5.7	5.9	5.8	6.0
Transportation	18.7	18.6	16.4	18.2	18.6	21.1	17.7	18.7
Vehicle purchases	8.2	8.3	6.9	7.8	7.7	10.2	7.8	7.7
Gasoline and motor oil	3.5	3.5	3.8	4.0	4.1	3.6	2.9	3.9
Other vehicle expenses	5.9	5.9	4.6	5.6	6.1	6.4	5.8	5.7
Public transportation	1.0	1.0	1.1	.8	.8	.9	1.2	1.3
Health care	5.1	5.0	7.1	7.6	5.6	4.2	3.8	5.6
Entertainment	5.1	5.1	4.2	3.7	4.6	5.1	5.9	5.6
Personal care products and services	1.3	1.3	1.4	1.7	1.4	1.3	1.2	1.3
Reading .....	.6	.6	.5	.6	.6	.5	.6	.6
Education	1.3	1.2	2.2	.8	.8	.9	1.5	2.1
Tobacco products and smoking supplies .....	.9	.9	1.5	1.3	1.3	.9	.5	.9
Miscellaneous	2.3	2.4	2.3	2.2	2.7	2.2	2.4	1.8
Cash contributions	3.2	3.3	1.9	2.4	3.0	3.0	4.2	2.8
Personal insurance and pensions	8.9	9.7	2.7	5.0	8.1	10.5	13.2	2.5
Life and other personal insurance	1.2	1.2	.9	1.1	1.1	1.3	1.4	1.3
Pensions and Social Security ..	7.6	8.5	1.7	3.9	7.0	9.2	11.8	1.1

See footnotes at end of table.

Table 37. Shares of average annual expenditures and characteristics of all consumer units classified by quintiles of income before taxes, Consumer Expenditure Survey, 1989 and 1999—Continued

Item	All consumer units	Complete reporting of income						Incomplete reporting of income
		Total complete reporting	Lowest 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent	
1999								
Number of consumer units (in thousands)	108,465	81,692	16,307	16,351	16,332	16,341	16,361	26,773
Consumer unit characteristics:								
Income before taxes ¹	\$43,951	\$43,951	\$7,264	\$18,033	\$31,876	\$52,331	\$110,105	(1)
Age of reference person	47.9	47.9	51.6	51.6	46.5	44.1	45.9	47.8
Average number in consumer unit:								
Persons	2.5	2.5	1.8	2.2	2.5	2.8	3.1	2.6
Children under 18 .....	.7	.7	.4	.6	.7	.8	.8	.7
Persons 65 and over .....	.3	.3	.4	.5	.3	.2	.1	.3
Earners	1.3	1.4	.7	.9	1.3	1.8	2.0	1.3
Vehicles	1.9	2.0	1.0	1.6	2.0	2.4	2.8	1.8
Percent homeowner	65	64	43	55	63	73	88	67
Average annual expenditures	\$36,995	\$39,143	\$16,750	\$24,840	\$33,029	\$45,998	\$75,015	\$30,787
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	13.6	13.3	16.2	15.2	14.5	13.5	11.4	14.9
Food at home	7.9	7.7	10.9	10.0	8.6	7.9	5.7	8.7
Cereals and bakery products	1.2	1.2	1.7	1.5	1.3	1.2	.9	1.4
Meats, poultry, fish, and eggs	2.0	1.9	3.0	2.6	2.2	2.0	1.3	2.4
Dairy products .....	.9	.9	1.2	1.1	1.0	.9	.7	.9
Fruits and vegetables	1.4	1.3	1.9	1.8	1.5	1.3	1.0	1.5
Other food at home	2.4	2.4	3.1	3.0	2.7	2.5	1.8	2.6
Food away from home	5.7	5.6	5.3	5.2	6.0	5.6	5.7	6.2
Alcoholic beverages .....	.9	.9	1.0	.9	.8	.8	.9	.8
Housing	32.6	31.5	37.0	34.0	31.6	30.2	30.1	36.8
Shelter	19.0	18.0	21.4	19.0	18.1	17.2	17.5	22.3
Owned dwellings	12.2	11.5	8.1	8.3	10.1	11.5	14.0	14.9
Rented dwellings	5.5	5.3	12.4	9.7	7.2	4.8	1.8	6.0
Other lodging	1.3	1.2	.9	.9	.8	.9	1.7	1.4
Utilities, fuels, and public services	6.4	6.1	9.2	7.9	6.9	5.8	4.5	7.8
Household operations	1.8	1.8	1.5	1.6	1.2	1.6	2.4	1.7
Housekeeping supplies	1.3	1.4	1.5	1.5	1.5	1.5	1.2	1.2
Household furnishings and equipment	4.1	4.1	3.4	3.9	3.9	4.1	4.5	3.8
Apparel and services	4.7	4.8	4.7	5.4	5.3	4.3	4.6	4.6
Transportation	19.0	18.4	16.7	19.1	19.3	19.6	17.6	20.7
Vehicle purchases (net outlay)	8.9	8.7	7.3	9.2	8.8	9.4	8.4	9.7
Gasoline and motor oil	2.9	2.7	3.0	3.1	3.3	2.9	2.2	3.3
Other vehicle expenses	6.1	6.0	5.4	5.9	6.4	6.3	5.7	6.5
Public transportation	1.1	1.0	1.0	1.0	.9	.9	1.2	1.2
Health care	5.3	5.2	7.5	7.7	5.9	4.8	3.8	5.6
Entertainment	5.1	5.1	4.8	4.4	4.7	5.2	5.4	5.3
Personal care products and services	1.1	1.1	1.3	1.2	1.3	1.1	1.0	1.0
Reading .....	.4	.4	.5	.5	.4	.4	.4	.4
Education	1.7	1.5	2.7	1.1	1.0	1.1	1.8	2.5
Tobacco products and smoking supplies .....	.8	.8	1.4	1.2	1.0	.8	.4	.8
Miscellaneous	2.3	2.4	2.1	2.3	2.4	2.3	2.5	2.2
Cash contributions	3.2	3.4	1.8	2.6	3.2	3.4	4.2	2.2
Personal insurance and pensions	9.3	11.1	2.4	4.5	8.4	12.3	15.7	2.1
Life and other personal insurance	1.1	1.0	.8	.8	.9	1.0	1.2	1.1
Pensions and Social Security	8.2	10.1	1.6	3.7	7.5	11.3	14.5	.9

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary. n.a. Not applicable.

Table 38. Shares of average annual expenditures and characteristics of all consumer units classified by age of the reference person, Consumer Expenditure Survey, 1989 and 1999

Item	All consumer units	Under 25	25-34	35-44	45-54	55-64	65 and over	65-74	75 and over
1989									
Number of consumer units (in thousands)	95,818	7,633	20,855	20,436	14,566	12,005	20,323	11,848	8,474
Consumer unit characteristics:									
Income before taxes ¹	\$31,308	\$14,863	\$30,655	\$40,915	\$41,968	\$34,777	\$19,690	\$22,051	\$16,285
Age of reference person	47.2	21.5	29.7	39.4	49.2	59.6	73.9	69.2	80.5
Average number in consumer unit:									
Persons	2.6	1.8	2.7	3.3	3.0	2.3	1.8	1.9	1.6
Children under 18 .....	.7	.4	1.1	1.4	.7	.2	.1	.1	(2)
Persons 65 and over .....	.3	(2)	(2)	(2)	(2)	.1	1.4	1.4	1.4
Earners	1.4	1.3	1.5	1.8	2.0	1.5	.5	.6	.2
Vehicles	2.0	1.2	1.9	2.4	2.7	2.3	1.4	1.7	1.1
Percent homeowner	63	8	44	69	74	82	76	78	74
Average annual expenditures	\$27,810	\$16,577	\$26,683	\$35,589	\$36,073	\$28,617	\$18,967	\$21,152	\$15,919
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	14.9	15.1	14.7	14.7	14.9	15.5	15.4	15.2	15.7
Food at home	8.6	7.8	8.1	8.4	8.3	9.1	10.1	9.7	10.8
Cereals and bakery products	1.3	1.2	1.2	1.3	1.2	1.3	1.6	1.4	1.9
Meats, poultry, fish, and eggs	2.2	1.7	2.0	2.1	2.3	2.5	2.5	2.5	2.6
Dairy products	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.4
Fruits and vegetables	1.5	1.2	1.3	1.4	1.4	1.6	2.0	1.9	2.2
Other food at home	2.5	2.6	2.5	2.5	2.4	2.6	2.6	2.6	2.7
Food away from home	6.3	7.4	6.6	6.3	6.6	6.3	5.3	5.5	5.0
Alcoholic beverages	1.0	1.9	1.4	.9	.8	1.0	.7	.8	.6
Housing	31.0	28.9	33.4	30.7	29.6	28.5	32.5	32.0	33.4
Shelter	17.4	18.4	19.6	17.9	16.7	15.1	15.8	15.5	16.2
Owned dwellings	10.2	1.7	9.7	12.3	10.9	10.2	9.1	9.5	8.4
Rented dwellings	5.4	15.9	8.8	4.1	3.4	2.6	4.8	4.1	6.1
Other lodging	1.7	.7	1.1	1.6	2.4	2.3	1.8	1.9	1.7
Utilities, fuels, and public services	6.6	5.2	6.1	6.0	6.3	7.1	8.9	8.6	9.6
Household operations	1.7	.7	2.3	1.7	1.1	1.2	2.2	1.7	3.0
Housekeeping supplies	1.4	1.0	1.3	1.4	1.3	1.4	1.9	1.8	2.0
Household furnishings and equipment	3.9	3.5	4.2	3.8	4.2	3.7	3.8	4.3	2.7
Apparel and services	5.7	6.9	5.8	6.0	5.6	5.5	4.8	5.4	3.6
Transportation	18.7	24.0	19.0	18.5	18.9	18.7	16.3	17.5	14.1
Vehicle purchases	8.2	12.9	8.4	8.5	7.9	8.0	6.7	6.8	6.5
Gasoline and motor oil	3.5	4.3	3.6	3.4	3.6	3.8	3.1	3.6	2.4
Other vehicle expenses	5.9	5.9	6.1	5.8	6.2	5.8	5.1	5.7	4.1
Public transportation	1.0	.9	.9	.8	1.2	1.1	1.3	1.4	1.1
Health care	5.1	2.1	3.4	3.8	3.9	6.3	11.3	9.4	14.8
Entertainment	5.1	5.6	5.2	5.8	5.1	4.8	3.8	4.0	3.4
Personal care products and services	1.3	1.5	1.3	1.2	1.3	1.4	1.5	1.5	1.4
Reading .....	.6	.5	.5	.5	.5	.6	.7	.7	.7
Education	1.3	4.0	.9	1.4	2.0	.9	.4	.5	.2
Tobacco products and smoking supplies .....	.9	1.2	.9	.9	.9	1.1	.8	.9	.6
Miscellaneous	2.3	1.6	2.2	2.5	2.4	2.3	2.3	2.4	2.1
Cash contributions	3.2	.7	1.9	2.6	3.9	4.0	5.8	4.8	7.5
Personal insurance and pensions	8.9	6.1	9.5	10.4	10.3	9.3	3.9	5.0	1.9
Life and other personal insurance	1.2	.5	.9	1.4	1.3	1.4	1.5	1.7	1.1
Pensions and Social Security ..	7.6	5.6	8.5	9.0	9.0	8.0	2.4	3.3	.7

See footnotes at end of table.

Table 38. Shares of average annual expenditures and characteristics of all consumer units classified by age of the reference person, Consumer Expenditure Survey, 1989 and 1999—Continued

Item	All consumer units	Under 25	25-34	35-44	45-54	55-64	65 and over	65-74	75 and over
1999									
Number of consumer units (in thousands)	108,465	8,164	19,332	24,405	20,903	13,647	22,015	11,578	10,437
Consumer unit characteristics: ..									
Income before taxes ¹	\$43,951	\$18,276	\$42,470	\$53,579	\$59,822	\$49,436	\$26,581	\$28,928	\$23,937
Age of reference person	47.9	21.4	29.7	39.5	49.2	59.1	74.8	69.3	80.8
Average number in consumer unit:									
Persons	2.5	1.8	2.9	3.2	2.7	2.2	1.7	1.9	1.5
Children under 18 .....	.7	.4	1.1	1.3	.6	.2	.1	.1	(2)
Persons 65 and over .....	.3	(2)	(2)	(2)	(2)	.1	1.4	1.4	1.3
Earners	1.3	1.3	1.5	1.7	1.8	1.3	.4	.6	.2
Vehicles	1.9	1.1	1.7	2.1	2.5	2.2	1.5	1.8	1.2
Percent homeowner	65	13	45	67	77	80	80	82	77
Average annual expenditures	\$36,995	\$21,704	\$36,158	\$42,792	\$46,511	\$39,394	\$26,521	\$29,864	\$22,884
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	13.6	15.5	14.2	14.3	12.8	12.8	13.2	13.9	12.4
Food at home	7.9	8.4	8.0	8.3	7.2	7.4	8.5	8.6	8.5
Cereals and bakery products	1.2	1.2	1.2	1.3	1.1	1.1	1.3	1.3	1.4
Meats, poultry, fish, and eggs	2.0	2.2	2.1	2.1	1.9	1.9	2.1	2.2	2.0
Dairy products .....	.9	.9	.9	1.0	.8	.8	1.0	1.0	1.0
Fruits and vegetables	1.4	1.3	1.3	1.3	1.2	1.3	1.7	1.7	1.8
Other food at home	2.4	2.8	2.5	2.6	2.2	2.3	2.4	2.4	2.4
Food away from home	5.7	7.0	6.2	6.0	5.6	5.4	4.7	5.3	3.9
Alcoholic beverages .....	.9	1.7	1.0	.9	.7	.8	.6	.7	.5
Housing	32.6	30.3	34.6	33.2	31.2	30.7	33.7	32.2	35.9
Shelter	19.0	19.1	21.1	20.1	18.3	16.9	17.3	16.5	18.3
Owned dwellings	12.2	2.7	10.9	14.3	13.3	12.2	11.2	11.5	10.8
Rented dwellings	5.5	15.2	9.5	5.0	3.3	3.1	4.5	3.2	6.2
Other lodging	1.3	1.1	.6	.9	1.7	1.6	1.6	1.8	1.3
Utilities, fuels, and public services	6.4	5.4	6.2	6.0	6.1	6.6	8.1	7.9	8.3
Household operations	1.8	.8	2.1	1.9	1.3	1.2	2.8	1.5	4.7
Housekeeping supplies	1.3	1.0	1.2	1.4	1.2	1.4	1.6	1.7	1.5
Household furnishings and equipment	4.1	4.0	4.0	3.7	4.3	4.5	4.0	4.5	3.2
Apparel and services	4.7	5.5	5.7	4.8	4.4	4.4	4.0	4.1	3.9
Transportation	19.0	23.2	19.8	18.8	19.4	18.6	16.5	18.3	14.0
Vehicle purchases (net outlay)	8.9	13.2	9.7	8.9	8.9	8.6	7.2	8.1	5.9
Gasoline and motor oil	2.9	3.3	2.9	2.9	2.9	2.8	2.4	2.7	2.0
Other vehicle expenses	6.1	5.8	6.2	6.0	6.6	5.9	5.4	5.8	4.9
Public transportation	1.1	1.0	.9	1.0	1.0	1.2	1.5	1.7	1.1
Health care	5.3	2.5	3.2	3.8	4.7	6.2	11.4	10.0	13.3
Entertainment	5.1	5.3	4.9	5.3	5.1	5.5	4.7	5.2	3.8
Personal care products and services	1.1	1.2	1.1	1.1	1.0	1.1	1.3	1.2	1.3
Reading .....	.4	.3	.3	.4	.5	.5	.6	.6	.6
Education	1.7	5.9	1.3	1.5	2.4	1.4	.5	.6	.5
Tobacco products and smoking supplies .....	.8	1.0	.8	.9	.8	.8	.6	.7	.4
Miscellaneous	2.3	1.6	2.0	2.2	2.3	2.6	3.0	2.6	3.5
Cash contributions	3.2	.8	1.6	2.5	3.0	4.4	6.1	5.6	6.9
Personal insurance and pensions	9.3	5.1	9.5	10.4	11.6	10.0	3.7	4.3	2.8
Life and other personal insurance	1.1	.3	.7	1.0	1.3	1.4	1.3	1.4	1.0
Pensions and Social Security	8.2	4.8	8.8	9.4	10.3	8.7	2.4	2.8	1.8

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

² Value less than 0.05.

Table 39. Shares of average annual expenditures and characteristics of all consumer units classified by composition of the consumer unit, Consumer Expenditure Survey, 1989 and 1999

Item	Husband and wife consumer units							One parent, at least one child under 18	Single person and other consumer units
	Total husband and wife consumer units	Husband and wife only	Husband and wife with children			Other husband and wife consumer units			
			Total husband and wife with children	Oldest child under 6	Oldest child 6 to 17		Oldest child 18 or over		
1989									
Number of consumer units (in thousands)	52,728	20,883	28,271	6,265	13,721	8,285	3,574	5,561	37,528
Consumer unit characteristics:									
Income before taxes ¹	\$40,913	\$37,183	\$43,576	\$37,601	\$43,486	\$48,660	\$42,171	\$17,416	\$20,260
Age of reference person	47.4	56.1	40.9	30.7	38.8	51.9	47.9	35.3	48.7
Average number in consumer unit:									
Persons	3.2	2.0	3.9	3.5	4.1	3.9	4.9	2.9	1.6
Children under 18 .....	.9	n.a.	1.5	1.5	2.1	.6	1.6	1.8	.2
Persons 65 and over .....	.3	.7	.1	(2)	(2)	.2	.5	(2)	.3
Earners	1.8	1.2	2.1	1.7	1.9	2.7	2.4	1.0	.9
Vehicles	2.6	2.3	2.9	2.2	2.7	3.6	2.9	1.0	1.3
Percent homeowner	78	80	77	64	77	89	77	34	44
Average annual expenditures	\$34,826	\$30,604	\$37,580	\$33,791	\$37,644	\$40,433	\$37,705	\$19,186	\$19,087
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	14.9	14.3	15.1	13.7	15.6	15.4	16.8	17.8	14.2
Food at home	8.7	7.9	8.9	8.5	9.2	8.7	11.4	11.6	7.6
Cereals and bakery products	1.3	1.2	1.4	1.2	1.5	1.3	1.7	1.8	1.1
Meats, poultry, fish, and eggs	2.2	2.0	2.3	2.0	2.3	2.5	2.9	3.0	1.9
Dairy products	1.1	1.0	1.1	1.2	1.2	1.0	1.5	1.5	1.0
Fruits and vegetables	1.5	1.5	1.4	1.4	1.4	1.4	1.9	1.9	1.4
Other food at home	2.6	2.2	2.7	2.7	2.8	2.5	3.4	3.4	2.3
Food away from home	6.2	6.5	6.2	5.2	6.3	6.6	5.4	6.2	6.5
Alcoholic beverages .....	.8	1.0	.8	.9	.7	.8	.9	.7	1.5
Housing	30.0	30.5	29.9	34.4	30.4	26.1	28.8	35.8	32.7
Shelter	16.4	16.6	16.3	18.2	17.1	13.8	15.3	19.7	19.8
Owned dwellings	11.3	10.9	11.7	12.4	12.3	10.5	9.9	7.9	7.9
Rented dwellings	3.1	3.3	3.0	4.9	3.2	1.4	3.4	11.0	10.4
Other lodging	1.9	2.4	1.6	1.0	1.6	2.0	1.9	.9	1.5
Utilities, fuels, and public services	6.3	6.4	6.2	5.7	6.1	6.5	7.1	8.4	7.1
Household operations	1.8	1.2	2.1	4.4	1.9	.9	1.6	3.0	1.2
Housekeeping supplies	1.5	1.6	1.4	1.6	1.4	1.4	1.4	1.5	1.2
Household furnishings and equipment	4.1	4.7	3.9	4.4	3.9	3.5	3.4	3.2	3.4
Apparel and services	5.6	5.4	5.7	5.7	5.9	5.3	5.2	7.9	5.7
Transportation	19.3	18.5	19.5	18.8	18.6	21.4	20.5	16.0	17.6
Vehicle purchases	8.7	8.0	9.1	9.2	8.7	9.6	9.7	7.3	7.2
Gasoline and motor oil	3.6	3.5	3.7	3.3	3.6	4.2	3.8	2.9	3.4
Other vehicle expenses	6.0	5.9	6.0	5.8	5.6	6.7	6.0	4.8	5.8
Public transportation .....	.9	1.2	.8	.5	.7	.9	1.0	1.0	1.3
Health care	5.1	6.5	4.2	4.0	4.2	4.4	5.4	3.5	5.2
Entertainment	5.4	4.6	5.9	5.7	5.8	6.2	5.4	4.7	4.5
Personal care products and services	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.6	1.4
Reading .....	.5	.6	.5	.5	.5	.5	.5	.5	.6
Education	1.2	.6	1.6	.4	1.5	2.5	1.2	1.0	1.6
Tobacco products and smoking supplies .....	.8	.8	.8	.8	.8	.9	1.0	1.0	1.2
Miscellaneous	2.1	2.1	2.1	1.7	2.2	2.2	2.4	2.5	2.8
Cash contributions	3.2	4.5	2.5	1.6	2.3	3.3	2.6	1.2	3.6
Personal insurance and pensions	9.6	9.1	10.1	10.6	10.2	9.8	8.2	6.1	7.5
Life and other personal insurance	1.4	1.5	1.3	1.3	1.3	1.4	1.3	.8	.9
Pensions and Social Security	8.2	7.6	8.8	9.3	8.8	8.4	6.9	5.3	6.6

See footnotes at end of table.

Table 39. Shares of average annual expenditures and characteristics of all consumer units classified by composition of the consumer unit, Consumer Expenditure Survey, 1989 and 1999—Continued

Item	Husband and wife consumer units							One parent, at least one child under 18	Single person and other consumer units
	Total husband and wife consumer units	Husband and wife only	Husband and wife with children				Other husband and wife consumer units		
			Total husband and wife with children	Oldest child under 6	Oldest child 6 to 17	Oldest child 18 or over			
1999									
Number of consumer units (in thousands)	56,429	23,406	28,535	5,304	15,378	7,853	4,488	6,571	45,465
Consumer unit characteristics: .									
Income before taxes ¹	\$59,126	\$54,062	\$63,666	\$57,922	\$63,558	\$68,094	\$56,519	\$25,685	\$28,281
Age of reference person	48.2	56.8	41.2	31.7	39.5	50.9	48.4	36.3	49.2
Average number in consumer unit:									
Persons	3.2	2.0	3.9	3.5	4.1	3.9	4.9	2.9	1.6
Children under 18 .....	.9	n.a.	1.6	1.5	2.1	.6	1.5	1.8	.2
Persons 65 and over .....	.3	.7	.1	(2)	(2)	.2	.4	(2)	.3
Earners	1.7	1.2	2.0	1.6	1.8	2.6	2.4	1.1	.9
Vehicles	2.6	2.4	2.7	2.1	2.6	3.2	2.9	1.2	1.3
Percent homeowner	81	84	79	67	79	86	76	39	49
Average annual expenditures	\$47,149	\$42,133	\$51,154	\$46,085	\$51,453	\$54,214	\$47,942	\$27,900	\$25,835
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	13.5	12.8	13.8	11.7	14.5	13.7	15.5	16.2	13.6
Food at home	7.8	7.1	8.1	7.3	8.5	7.9	9.4	10.5	7.7
Cereals and bakery products	1.2	1.1	1.3	1.1	1.4	1.2	1.4	1.8	1.2
Meats, poultry, fish, and eggs	2.0	1.8	2.0	1.7	2.1	2.1	2.6	2.8	2.0
Dairy products .....	.9	.8	.9	.9	1.0	.9	1.0	1.1	.8
Fruits and vegetables	1.3	1.3	1.3	1.2	1.4	1.3	1.7	1.6	1.3
Other food at home	2.4	2.2	2.5	2.4	2.6	2.4	2.8	3.2	2.4
Food away from home	5.7	5.6	5.6	4.4	6.0	5.8	6.0	5.7	5.9
Alcoholic beverages .....	.7	.9	.6	.6	.6	.5	.6	.5	1.2
Housing	31.4	30.8	32.0	37.3	31.9	29.0	30.0	36.2	34.7
Shelter	17.8	17.3	18.4	21.9	18.4	16.3	16.6	21.1	21.1
Owned dwellings	13.6	12.7	14.4	16.4	14.7	12.7	12.1	9.5	9.5
Rented dwellings	2.9	2.8	2.9	4.9	2.8	1.9	3.6	11.1	10.4
Other lodging	1.4	1.8	1.1	.6	.9	1.8	1.0	.5	1.2
Utilities, fuels, and public services	6.1	6.1	5.9	5.6	5.8	6.1	6.9	7.9	7.0
Household operations	1.8	1.3	2.2	4.6	2.1	1.0	1.5	2.5	1.7
Housekeeping supplies	1.4	1.5	1.4	1.2	1.5	1.5	1.3	1.3	1.2
Household furnishings and equipment	4.2	4.6	4.0	4.0	4.1	4.1	3.6	3.5	3.8
Apparel and services	4.6	4.0	4.9	4.5	5.2	4.6	5.3	7.0	4.6
Transportation	19.7	19.1	20.0	20.3	18.6	22.2	20.4	16.8	17.5
Vehicle purchases (net outlay)	9.4	9.0	9.7	10.5	9.2	10.0	9.1	8.1	8.0
Gasoline and motor oil	2.9	2.7	3.0	2.8	2.8	3.4	3.4	2.6	2.7
Other vehicle expenses	6.3	6.1	6.4	6.3	5.8	7.7	6.7	5.3	5.7
Public transportation	1.1	1.4	.9	.7	.8	1.1	1.1	.8	1.1
Health care	5.3	6.9	4.3	3.7	4.2	4.9	5.3	3.6	5.4
Entertainment	5.3	5.4	5.4	4.6	6.1	4.7	4.4	4.9	4.6
Personal care products and services	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.3	1.2
Reading .....	.4	.5	.4	.3	.4	.4	.3	.3	.5
Education	1.8	1.3	2.2	.7	2.0	3.4	1.2	1.5	1.6
Tobacco products and smoking supplies .....	.7	.6	.7	.5	.7	.7	1.0	.9	1.1
Miscellaneous	2.2	2.2	2.1	2.4	1.9	2.2	2.8	3.0	2.7
Cash contributions	3.1	4.2	2.3	1.8	2.3	2.7	3.0	1.3	3.7
Personal insurance and pensions	10.2	10.2	10.4	10.7	10.5	9.9	9.2	6.5	7.6
Life and other personal insurance	1.3	1.3	1.3	.9	1.4	1.3	1.3	.6	.7
Pensions and Social Security	8.9	8.9	9.1	9.9	9.1	8.6	7.9	5.9	6.9

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

² Value less than 0.05.

n.a. Not applicable.

Table 40. Shares of average annual expenditures and characteristics of all consumer units classified by region of residence, Consumer Expenditure Survey, 1989 and 1999

Item	All consumer units	Northeast	Midwest	South	West
1989					
Number of consumer units (in thousands)	95,818	20,101	24,351	31,935	19,430
Consumer unit characteristics:					
Income before taxes ¹	\$31,308	\$34,122	\$29,452	\$29,669	\$33,372
Age of reference person	47.2	48.6	46.9	47.4	45.8
Average number in consumer unit					
Persons	2.6	2.5	2.6	2.6	2.6
Children under 18 .....	.7	.6	.7	.7	.7
Persons 65 and over .....	.3	.3	.3	.3	.3
Earners	1.4	1.4	1.4	1.3	1.4
Vehicles	2.0	1.6	2.2	2.0	2.2
Percent homeowner	63	60	65	65	58
Average annual expenditures	\$27,810	\$28,241	\$26,062	\$26,232	\$32,144
Percent distribution:	100.0	100.0	100.0	100.0	100.0
Food	14.9	15.7	15.1	14.7	14.4
Food at home	8.6	8.7	8.6	8.6	8.6
Cereals and bakery products	1.3	1.4	1.3	1.3	1.2
Meats, poultry, fish, and eggs	2.2	2.3	2.1	2.2	2.1
Dairy products	1.1	1.1	1.1	1.1	1.1
Fruits and vegetables	1.5	1.5	1.4	1.4	1.5
Other food at home	2.5	2.3	2.6	2.6	2.6
Food away from home	6.3	7.0	6.5	6.2	5.8
Alcoholic beverages	1.0	1.1	1.1	.9	1.1
Housing	31.0	32.7	29.8	30.0	31.9
Shelter	17.4	19.3	15.8	15.5	19.7
Owned dwellings	10.2	11.0	9.9	9.0	11.6
Rented dwellings	5.4	6.3	4.3	4.8	6.4
Other lodging	1.7	2.0	1.6	1.7	1.7
Utilities, fuels, and public services	6.6	6.8	7.0	7.2	5.2
Household operations	1.7	1.6	1.5	1.8	1.8
Housekeeping supplies	1.4	1.4	1.5	1.5	1.3
Household furnishings and equipment	3.9	3.7	4.0	4.0	3.9
Apparel and services	5.7	6.0	5.7	5.4	5.8
Transportation	18.7	16.8	19.1	18.9	19.6
Vehicle purchases	8.2	6.7	8.3	8.3	9.5
Gasoline and motor oil	3.5	3.0	3.8	4.1	3.1
Other vehicle expenses	5.9	5.7	6.1	5.8	5.8
Public transportation	1.0	1.4	.8	.8	1.2
Health care	5.1	4.6	5.1	5.7	4.5
Entertainment	5.1	5.6	4.8	5.0	5.2
Personal care products and services	1.3	1.3	1.3	1.4	1.3
Reading .....	.6	.6	.6	.5	.5
Education	1.3	1.6	1.5	1.2	1.1
Tobacco products and smoking supplies .....	.9	.9	1.1	1.0	.7
Miscellaneous	2.3	2.0	2.4	2.4	2.4
Cash contributions	3.2	2.5	3.2	4.0	2.9
Personal insurance and pensions	8.9	8.8	9.4	8.9	8.6
Life and other personal insurance	1.2	1.2	1.3	1.5	.9
Pensions and Social Security	7.6	7.6	8.1	7.4	7.6

See footnote at end of table.

Table 40. Shares of average annual expenditures and characteristics of all consumer units classified by region of residence, Consumer Expenditure Survey, 1989 and 1999—Continued

Item	All consumer units	Northeast	Midwest	South	West
1999					
Number of consumer units (in thousands)	108,465	20,979	25,765	37,816	23,906
Consumer unit characteristics:					
Income before taxes ¹	\$43,951	\$48,307	\$41,983	\$40,387	\$47,494
Age of reference person	47.9	49.3	48.4	47.6	46.6
Average number in consumer unit:					
Persons	2.5	2.5	2.5	2.5	2.6
Children under 18 .....	.7	.6	.7	.7	.7
Persons 65 and over .....	.3	.3	.3	.3	.3
Earners	1.3	1.4	1.4	1.3	1.4
Vehicles	1.9	1.6	2.1	1.9	2.0
Percent homeowner	65	63	69	67	59
Average annual expenditures	\$36,995	\$38,403	\$36,302	\$33,303	\$42,335
Percent distribution:	100.0	100.0	100.0	100.0	100.0
Food	13.6	14.3	13.4	13.9	12.9
Food at home	7.9	8.0	7.5	8.2	7.7
Cereals and bakery products	1.2	1.3	1.2	1.3	1.1
Meats, poultry, fish, and eggs	2.0	2.2	1.8	2.2	1.9
Dairy products .....	.9	.9	.8	.9	.8
Fruits and vegetables	1.4	1.5	1.2	1.4	1.4
Other food at home	2.4	2.2	2.5	2.5	2.4
Food away from home	5.7	6.2	5.9	5.9	5.2
Alcoholic beverages .....	.9	1.0	.9	.8	.9
Housing	32.6	34.8	31.7	31.0	33.5
Shelter	19.0	21.5	17.9	16.6	20.9
Owned dwellings	12.2	13.8	12.3	10.6	12.9
Rented dwellings	5.5	6.3	4.4	4.9	6.5
Other lodging	1.3	1.4	1.2	1.1	1.5
Utilities, fuels, and public services	6.4	6.4	6.6	7.3	5.1
Household operations	1.8	1.7	1.6	1.7	2.2
Housekeeping supplies	1.3	1.3	1.5	1.4	1.2
Household furnishings and equipment	4.1	3.9	4.1	4.0	4.1
Apparel and services	4.7	4.7	4.4	4.8	4.9
Transportation	18.9	16.8	19.1	20.6	18.4
Vehicle purchases (net outlay)	8.9	7.0	9.3	10.4	8.3
Gasoline and motor oil	2.9	2.4	2.9	3.2	2.8
Other vehicle expenses	6.1	6.0	6.0	6.1	6.2
Public transportation	1.1	1.4	1.0	.9	1.2
Health care	5.3	4.7	5.7	5.9	4.6
Entertainment	5.1	4.8	5.7	4.7	5.4
Personal care products and services	1.1	1.1	1.1	1.2	1.1
Reading .....	.4	.5	.5	.4	.4
Education	1.7	2.4	1.6	1.4	1.7
Tobacco products and smoking supplies .....	.8	.8	1.0	.9	.5
Miscellaneous	2.3	2.2	2.4	2.3	2.5
Cash contributions	3.2	2.9	3.2	3.4	3.2
Personal insurance and pensions	9.3	9.1	9.4	8.8	9.9
Life and other personal insurance	1.1	1.0	1.0	1.2	.9
Pensions and Social Security	8.2	8.1	8.4	7.6	9.0

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

Table 41. Shares of average annual expenditures and characteristics of all consumer units classified by origin of the reference person, Consumer Expenditure Survey, 1989 and 1999

Item	All consumer units	Hispanic	Non-Hispanic		
			Total Non-Hispanic	Non-Hispanic less Afro-American	Afro-American
1989					
Number of consumer units (in thousands)	95,818	5,857	89,960	80,961	8,999
Consumer unit characteristics:					
Income before taxes ¹	\$31,308	\$23,098	\$31,863	\$33,007	\$21,270
Age of reference person	47.2	40.6	47.6	47.9	45.4
Average number in consumer unit:					
Persons	2.6	3.3	2.5	2.5	2.8
Children under 18 .....	.7	1.2	.7	.6	1.1
Persons 65 and over .....	.3	.1	.3	.3	.2
Earners	1.4	1.6	1.4	1.4	1.2
Vehicles	2.0	1.5	2.0	2.1	1.1
Percent homeowner	63	36	64	67	41
Average annual expenditures	\$27,810	\$23,226	\$28,106	\$29,201	\$18,294
Percent distribution:					
Food	14.9	18.9	14.7	14.6	16.1
Food at home	8.6	12.1	8.4	8.3	10.5
Cereals and bakery products	1.3	1.7	1.3	1.3	1.5
Meats, poultry, fish, and eggs	2.2	3.5	2.1	2.0	3.6
Dairy products	1.1	1.5	1.1	1.1	1.1
Fruits and vegetables	1.5	2.2	1.4	1.4	1.8
Other food at home	2.5	3.2	2.5	2.5	2.7
Food away from home	6.3	6.8	6.3	6.4	5.6
Alcoholic beverages	1.0	1.0	1.0	1.0	.8
Housing	31.0	33.9	30.8	30.5	34.4
Shelter	17.4	21.4	17.2	17.0	19.0
Owned dwellings	10.2	8.7	10.3	10.5	7.6
Rented dwellings	5.4	11.8	5.0	4.7	10.7
Other lodging	1.7	.9	1.8	1.9	.8
Utilities, fuels, and public services	6.6	6.4	6.6	6.4	9.9
Household operations	1.7	1.5	1.7	1.7	1.2
Housekeeping supplies	1.4	1.5	1.4	1.4	1.3
Household furnishings and equipment	3.9	3.1	4.0	4.0	3.1
Apparel and services	5.7	7.0	5.6	5.5	6.9
Transportation	18.7	17.5	18.7	18.8	17.4
Vehicle purchases (net outlay)	8.2	8.3	8.2	8.3	6.8
Gasoline and motor oil	3.5	3.3	3.6	3.6	3.5
Other vehicle expenses	5.9	4.7	5.9	5.9	5.9
Public transportation	1.0	1.2	1.0	1.0	1.2
Health care	5.1	3.3	5.2	5.2	3.8
Entertainment	5.1	4.0	5.2	5.3	3.1
Personal care products and services	1.3	1.5	1.3	1.3	1.5
Reading .....	.6	.3	.6	.6	.4
Education	1.3	.6	1.4	1.4	1.3
Tobacco products and smoking supplies .....	.9	.6	1.0	.9	1.3
Miscellaneous	2.3	2.1	2.3	2.3	2.5
Cash contributions	3.2	1.7	3.3	3.4	1.9
Personal insurance and pensions	8.9	7.6	9.0	9.0	8.6
Life and other personal insurance	1.2	.6	1.3	1.2	1.7
Pensions and Social Security	7.6	7.0	7.7	7.7	6.9

See footnote at end of table.

Table 41. Shares of average annual expenditures and characteristics of all consumer units classified by origin of the reference person, Consumer Expenditure Survey, 1989 and 1999—Continued

Item	All consumer units	Hispanic	Non-Hispanic		
			Total Non-Hispanic	Non-Hispanic less Afro-American	Afro-American
1999					
Number of consumer units (in thousands)	108,465	9,111	99,354	87,924	11,431
Consumer unit characteristics:					
Income before taxes ¹	\$43,951	\$33,803	\$44,955	\$46,746	\$30,325
Age of reference person	47.9	41.2	48.5	49.0	45.0
Average number in consumer unit:					
Persons	2.5	3.5	2.4	2.4	2.7
Children under 18 .....	.7	1.3	.6	.6	.9
Persons 65 and over .....	.3	.2	.3	.3	.2
Earners	1.3	1.6	1.3	1.3	1.3
Vehicles	1.9	1.6	2.0	2.0	1.3
Percent homeowner	65	44	67	69	48
Average annual expenditures	\$36,995	\$33,044	\$37,356	\$38,658	\$27,280
Percent distribution:					
Food	13.6	16.6	13.3	13.2	15.0
Food at home	7.9	10.8	7.6	7.5	9.6
Cereals and bakery products	1.2	1.5	1.2	1.2	1.5
Meats, poultry, fish, and eggs	2.0	3.3	1.9	1.8	3.2
Dairy products .....	.9	1.1	.8	.8	.9
Fruits and vegetables	1.4	2.0	1.3	1.3	1.5
Other food at home	2.4	2.8	2.4	2.4	2.6
Food away from home	5.7	5.9	5.7	5.7	5.4
Alcoholic beverages .....	.9	.8	.9	.9	.5
Housing	32.6	33.3	32.5	32.3	35.2
Shelter	19.0	20.5	18.8	18.8	19.8
Owned dwellings	12.2	9.6	12.4	12.7	9.9
Rented dwellings	5.5	10.3	5.1	4.7	9.4
Other lodging	1.3	.5	1.3	1.4	.5
Utilities, fuels, and public services	6.4	6.4	6.4	6.2	8.9
Household operations	1.8	1.4	1.8	1.8	1.6
Housekeeping supplies	1.3	1.3	1.3	1.3	1.3
Household furnishings and equipment	4.1	3.6	4.1	4.1	3.6
Apparel and services	4.7	6.3	4.6	4.4	6.9
Transportation	19.0	20.6	18.8	18.8	18.9
Vehicle purchases (net outlay)	8.9	10.2	8.8	8.8	8.9
Gasoline and motor oil	2.9	3.4	2.8	2.8	2.8
Other vehicle expenses	6.1	6.0	6.1	6.1	6.3
Public transportation	1.1	1.0	1.1	1.1	1.0
Health care	5.3	3.4	5.5	5.6	4.1
Entertainment	5.1	3.8	5.2	5.4	3.4
Personal care products and services	1.1	1.2	1.1	1.1	1.5
Reading .....	.4	.2	.4	.5	.3
Education	1.7	1.1	1.8	1.8	1.4
Tobacco products and smoking supplies .....	.8	.5	.8	.8	.8
Miscellaneous	2.3	1.9	2.4	2.4	2.1
Cash contributions	3.2	2.1	3.3	3.4	2.1
Personal insurance and pensions	9.3	8.2	9.4	9.5	7.8
Life and other personal insurance	1.1	.6	1.1	1.1	1.2
Pensions and Social Security	8.2	7.7	8.3	8.4	6.6

¹ Components of income and taxes are derived from "complete income reporters" only: see glossary.

Table 42. Number of earners in families by type of family, selected years, 1989-99

(In thousands)

Characteristic	1989	1993	1994	1995	1996	1997	1998	1999
Total, all families	66,623	69,211	69,971	70,174	70,840	71,443	72,056	72,574
Married-couple families	52,385	53,246	53,927	53,621	53,654	54,361	54,829	55,352
No earners	6,812	7,280	7,227	7,278	7,148	7,289	7,257	7,163
One earner	11,748	11,842	11,772	11,739	11,556	11,728	12,279	12,328
Husband	9,212	8,745	8,719	8,821	8,671	8,792	9,198	9,093
Wife	1,840	2,411	2,372	2,253	2,214	2,302	2,419	2,595
Other family member	695	687	681	664	671	634	662	640
Two earners	26,011	26,957	27,472	27,361	27,474	27,935	27,801	28,254
Husband and wife	23,929	24,806	25,377	25,478	25,536	25,959	25,928	26,401
Husband and other family member	1,657	1,540	1,533	1,365	1,443	1,412	1,288	1,307
Husband is not an earner	425	612	562	518	496	564	586	546
Three earners or more	7,815	7,166	7,455	7,243	7,476	7,409	7,492	7,607
Husband and wife	6,950	6,496	6,748	6,582	6,870	6,805	6,883	6,959
Husband is an earner, not wife	716	511	516	514	456	441	438	509
Families maintained by women ¹ ..	11,309	12,974	12,768	12,998	13,269	13,112	13,198	13,148
No earner	2,510	3,111	2,855	2,679	2,586	2,342	2,156	1,889
One earner	5,530	6,495	6,581	6,868	7,112	7,146	7,433	7,515
Householder	4,468	5,367	5,495	5,657	5,906	5,903	6,253	6,207
Other family member	1,063	1,128	1,086	1,211	1,205	1,243	1,180	1,308
Two earners or more	3,268	3,368	3,332	3,452	3,572	3,623	3,609	3,744
Householder and other family member(s)	2,903	3,049	3,044	3,156	3,341	3,332	3,313	3,420
Householder is not an earner	365	319	289	296	230	291	296	324
Families maintained by men ¹	2,929	2,992	3,276	3,555	3,916	3,970	4,030	4,074
No earner	281	332	382	357	359	346	387	377
One earner	1,376	1,615	1,705	1,821	1,982	2,106	2,039	2,076
Householder	1,127	1,372	1,437	1,568	1,683	1,806	1,751	1,758
Other family member	249	242	268	253	298	301	288	318
Two earners or more	1,272	1,045	1,189	1,377	1,576	1,518	1,604	1,621
Householder and other family member(s)	1,201	983	1,118	1,278	1,454	1,413	1,506	1,481
Householder is not an earner	72	63	71	98	122	105	99	139

¹ Families maintained by widowed, divorced, separated, or single persons.

NOTE: Data on the number and type of families are collected in March of the subsequent year. Earner status refers to the preceding calendar year. The comparability of histori-

cal labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 43. Percent of employees participating in selected benefits, full- and part-time private and public sectors, 1996-98¹

Leave benefit	All employees	Private sector		Public sector	
		Full-time	Part-time	Full-time	Part-time
Paid leave					
Holidays	72	85	29	73	31
Vacations	76	91	35	67	19
Personal leave	18	17	6	38	18
Funeral leave	57	66	22	65	38
Jury duty leave	67	73	28	95	50
Military leave	33	32	7	76	28
Sick leave ²	51	53	13	96	43
Unpaid family leave	64	67 ³	32 ³	95	56
Short-term disability plans ²	34	42 ³	15	20	9
Long-term disability insurance	27	32	2	34	7
Medical care	61	70	11	86	37
Dental care	39	45 ³	8 ³	60	31
Life Insurance	64	74	11	89	42
All retirement ⁴	59	62	20	98	62
Defined benefit pension	35	32	8	90	59
Defined contribution ⁵	36	47	15	14	5
Types of plans:					
Savings and thrift	23	31	7	5	1
Deferred profit sharing	10	13	6	-	-
Employee stock ownership	2	3	1	-	-
Money purchase pension	6	6	2	10	4

¹ Data for public sector employees are for 1998, data for private sector small establishments (fewer than 100 employees) are for 1996, and data for private sector medium and large establishments are for 1997.

² Sick leave is limited to annual benefits. Per disability sick leave plans are now reported along with sickness and accident insurance as short-term disability plans.

³ Private sector data have been revised since 1999

publication.

⁴ Includes defined benefit plans and defined contribution plans. Some employees participated in both types of plans.

⁵ Includes other types of defined contribution plans not shown separately. Sums of individual items may not equal totals because employees may be enrolled in more than one type of plan.

NOTE: Dashes indicate no employees in this category.

Table 44. Full-time employees¹ participating in selected retirement benefit programs by industry sector and size of establishment, 1996-98

(In percent, unless otherwise indicated.)

Benefit	Civilian workforce	Private sector			State and local governments
		Total	Small establishments	Medium and large establishments	
Total (thousands)	92,576	78,225	39,816	38,409	14,351
All retirement plans ²	68	62	46	79	98
Defined benefit pension	41	32	15	50	90
Defined contribution	42	47	38	57	14
Savings and thrift	27	31	23	39	5
Deferred profit-sharing	11	13	12	13	-
Employee stock ownership	2	3	1	4 ³	-
Money purchase pension	6	6	4	8	10
Simplified employee pension	(⁴)	1	1	-	(⁴)
Deferred earnings arrangements:					
With employer contributions	31 ⁵	35	24	46	13
Salary reduction	29	34	24	44	6
Savings and thrift	25	29	21	38	4
Without employer contributions	9	6	4	9	22

¹ Small private establishments include those employing less than 100 workers, data are from 1996; medium and large private establishments include those employing 100 workers or more, data are from 1997; and State and local governments, data are from 1998.

² Includes defined benefit pension plans and defined contribution retirement plans. Some employees participated in

both types of plans.

³ Private sector data have been revised since 1999 publication.

⁴ Less than 0.5 percent.

⁵ Includes other deferred earnings arrangements not shown separately.

NOTE: Dash indicates no employees in this category

Table 45. Percent of employees eligible for selected benefits, full- and part-time, private and public sectors, 1996-98¹

Benefit	All employees	Private sector		Public sector	
		Full-time	Part-time	Full-time	Part-time
Section 125 cafeteria benefits plans ² ...	34	37	8	55	24
Full flexible benefits programs	7	8	2	5	3
Severance pay	22	25	5	29	16
Supplemental unemployment benefits	2	2	(³)	(³)	-
Employer assistance for child care	5	5	4	7	7
Long-term care insurance	5	4	1	11	15
Wellness programs	21	22	10	35	27
Employee assistance programs	38	37	18	70	43
Job-related travel accident insurance ...	21	27	9	12	7
Nonproduction bonuses	37	43	23	33	7
Job-related educational assistance	47	52	20	63	39
Non-job-related educational assistance	12	13	3	22	16

¹ Data for public sector employees are for 1998, data for private sector small establishments (fewer than 100 employees) are for 1996, and data for private sector medium and large establishments are for 1997.

² Includes all plans under Internal Revenue Code Section 125.

³ Less than 0.5 percent.

NOTE: Dashes indicate no employees in this category.

Table 46. **Percent of employees participating in selected benefits, full-time, by geographical region, 1996-98¹**

Benefit	Northeast	South	North Central	West
Paid leave:				
Holidays	88	82	84	78
Vacations	89	88	87	84
Personal leave	36	14	22	13
Funeral leave	76	61	70	55
Jury duty leave	87	77	79	60
Military leave	45	40	40	30
Family leave	3	2	3	1
Unpaid leave:				
Unpaid family leave	81	72	73	70
Disability benefits:²				
Paid-sick leave	69	58	55	58
Short-term disability	64	30	40	23
Long-term disability insurance	30	32	36	33
Survivor benefits:				
Life insurance	77	77	80	69
Accidental death and dismemberment	56	60	62	52
Survivor income benefits	1	2	6	2
Health care benefits:				
Medical care	74	71	74	72
Dental care	52	38	48	56
Vision care	27	15	22	32
Outpatient prescription drug coverage	69	66	70	67
Retirement income benefits:				
All retirement	72	66	68	65
Defined benefit	48	37	43	38
Defined contribution ³	42	43	41	42
Savings and thrift	25	28	25	29
Deferred profit sharing	10	9	14	11
Employee stock ownership	2	3	2	3
Money purchase pension	9	6	6	4
Cash or deferred arrangements:				
With employer contributions	31	32	31	32
Salary reduction ⁴	29	29	27	31
Savings and thrift	25	26	23	28
Deferral of profit sharing allocation	1	1	3	1
No employer contributions	9	7	10	10

¹ Data for State and local government employees are from the 1998 survey; data for private sector small establishments (fewer than 100 employees) are from the 1996 survey; and data for private sector medium and large establishments (100 employees or greater) are from the 1997 survey.

² Sick leave is limited to annual benefits. Per disability sick leave plans are now reported along with sickness and accident insurance as short-term disability plans.

³ Includes other types of defined contribution plans not shown separately. Sums of individual items may not equal totals, because employees may be enrolled in more than one type of plan.

⁴ Includes other types of salary reduction plans not shown separately.

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

Table 47. Number and percent of full-time employees¹ participating in defined benefit pension plans with selected age and service requirements for normal retirement², 1997-98

Age and service requirement	Private sector		State and local governments	
	Number (thousands)	Percent	Number (thousands)	Percent
Employees with a defined benefit pension plan	19,202	100	12,983	100
Any age	889	5	5,296	41
Less than 30 years of service	3	(³)	944	7
30 years of service	816	4	3,565	27
More than 30 years of service	70	(³)	786	6
Age 55	1,149	6	2,630	20
Less than 30 years of service	644	3	1,358	10
30 years of service	465	2	1,243	10
More than 30 years of service	40	(³)	28	(³)
Age 60	1,741	9	1,313	10
Less than 5 years of service	559	3	68	1
5 and less than 10 years of service	197	1	786	6
10 and less than 25 years of service	558	3	330	3
25 and less than 30 years of service	94	(³)	118	1
30 years of service	332	2	10	(³)
More than 30 years of service	-	-	-	-
Age 62	4,327	23	472	4
Less than 5 years of service	651	3	5	(³)
5 and less than 10 years of service	676	3	39	(³)
10 and less than 25 years of service	2,730	14	376	3
25 and less than 30 years of service	128	1	10	(³)
30 years of service	141	1	42	(³)
More than 30 years of service	-	-	-	-
Age 65	9,299	48	1,229	9
Less than 5 years of service	5,738	30	467	4
5 and less than 10 years of service	2,916	15	324	2
10 years of service	556	3	439	3
More than 10 years of service	89	(³)	-	-
Age plus service equals ⁴	1,520	8	1,718	13
Less than 80	347	2	34	(³)
80	230	1	436	3
81 to 89	886	5	664	5
90	57	(³)	584	4
More than 90	-	-	-	-

¹ Data are for private establishments with 100 or more workers, 1997; and State and local governments, 1998.

² Normal retirement is defined as the point at which the participant could retire and immediately receive all accrued benefits by virtue of service and earnings, without reduction due to age. If a plan had alternative age and service requirements, the earliest age and associated service were tabulated; if one

alternative did not specify an age, it was the requirement tabulated.

³ Less than 500 employees or less than 0.5 percent.

⁴ In some plans, participants must also satisfy a minimum age or service requirement.

NOTE: Dash indicates no employees in this category.

Table 48. Number and percent distribution of fatal occupational injuries by event or exposure, 1998-99

Event or exposure ¹	Fatalities			
	1998		1999	
	Number	Percent	Number	Percent
Total	6,055	100	6,023	100
Transportation incidents	2,645	44	2,613	43
Highway	1,442	24	1,491	25
Collision between vehicles, mobile equipment	707	12	711	12
Moving in same direction	120	2	129	2
Moving in opposite directions, oncoming	272	4	269	4
Moving in intersection	143	2	160	3
Vehicle struck stationary object or equipment	307	5	334	6
Noncollision	375	6	388	6
Jack-knifed or overturned--no collision	302	5	321	5
Nonhighway (farm, industrial premises)	388	6	353	6
Noncollision accident	332	5	306	5
Fell from and struck by vehicle, mobile equipment	70	1	58	1
Overturned	217	4	206	3
Aircraft	224	4	227	4
Worker struck by a vehicle	413	7	377	6
Worker struck by vehicle, mobile equipment in roadway	131	2	137	2
Worker struck by vehicle, mobile equipment on side of road	66	1	65	1
Worker struck by vehicle, mobile equipment in parking lot or non-road area	199	3	165	3
Water vehicle	112	2	102	2
Railway	60	1	56	1
Collision between railway vehicle and other vehicle	48	1	42	1
Assaults and violent acts	962	16	893	15
Homicides	714	12	645	11
Shooting	574	9	506	8
Stabbing	61	1	60	1
Self-inflicted injury	221	4	208	3
Contact with objects and equipment	944	16	1,029	17
Struck by object	520	9	585	10
Struck by falling object	319	5	358	6
Struck by flying object	59	1	55	1
Struck by rolling, sliding objects on floor or ground level	75	1	97	2
Caught in or compressed by equipment or objects	266	4	302	5
Caught in running equipment or machinery	129	2	163	3
Caught in or crushed in collapsing materials	140	2	128	2
Falls	706	12	717	12
Fall to lower level	625	10	634	11
Fall from ladder	111	2	96	2
Fall from roof	157	3	153	3
Fall from scaffold, staging	98	2	92	2
Fall on same level	51	1	66	1
Exposure to harmful substances or environments	576	10	529	9
Contact with electric current	334	6	278	5
Contact with electric current of machine, tool, appliance, light fixture	51	1	51	1
Contact with wiring, transformers, or other electrical component	84	1	75	1
Contact with overhead power lines	153	3	124	2
Contact with temperature extremes	48	1	50	1
Exposure to caustic, noxious, or allergenic substances	105	2	106	2
Inhalation of substance	48	1	55	1
Oxygen deficiency	87	1	93	2
Drowning, submersion	75	1	75	1
Fires and explosions	206	3	216	4
Fires--unintended or uncontrolled	117	2	115	2
Explosion	89	1	99	2
Other events or exposures²	16	(³)	26	(³)

¹ Based on the 1992 BLS *Occupational Injury and Illness Classification Manual*.

² Includes the category "Bodily reaction and exertion."

³ Less than 0.5 percent.

NOTE: Totals for major categories may include

subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

Table 49. Number, percent and rate of fatal occupational injuries for selected occupations, 1998-99

Occupation ¹	1998			1999		
	Number	Percent	Fatality rate per 100,000 workers ²	Number	Percent	Fatality rate per 100,000 workers ²
Total	6,055	100	4.5	6,023	100	4.5
Managerial and professional specialty	642	11	1.6	597	10	1.5
Executive, administrative, and managerial	410	7	2.1	371	6	1.9
Professional specialty	232	4	1.2	226	4	1.1
Technical, sales, and administrative support	679	11	1.8	610	10	1.6
Technicians and related support occupations	167	3	3.9	158	3	3.6
Airplane pilots and navigators	91	2	80.5	94	2	65.7
Sales occupations	398	7	2.5	356	6	2.2
Supervisors and proprietors, sales occupations	186	3	3.9	140	2	2.9
Sales workers, retail and personal services	153	3	2.2	144	2	2.1
Administrative support occupations, including clerical	114	2	.6	96	2	.5
Service occupations	441	7	2.4	468	8	2.6
Protective service occupations	259	4	10.6	261	4	10.7
Police and detectives, including supervisors	138	2	11.6	132	2	11.0
Guards, including supervisors	76	1	7.9	72	1	7.5
Farming, forestry, and fishing	930	15	25.5	897	15	26.2
Farming occupations	600	10	28.6	557	9	30.0
Farmers, except horticultural	281	5	29.5	233	4	25.9
Managers, farms, except horticultural	81	1	45.9	118	2	80.8
Farm workers	221	4	23.6	199	3	26.3
Related agricultural occupations	123	2	9.6	124	2	9.6
Forestry and logging occupations	119	2	129.7	122	2	114.0
Timber cutting and logging occupations	90	1	148.3	102	2	154.5
Fishers, hunters, and trappers	72	1	134.0	78	1	156.0
Fishers, including vessel captains and officers	71	1	137.3	78	1	162.5
Precision production, craft, and repair	1,090	18	7.5	1,142	19	7.8
Mechanics and repairers	287	5	6.0	353	6	7.3
Construction trades	633	10	11.3	633	11	10.9
Carpenters and apprentices	91	2	6.7	103	2	7.4
Electricians and apprentices	124	2	15.4	105	2	12.6
Roofers	50	1	20.7	59	1	27.6
Structural metal workers	52	1	82.5	43	1	60.6
Operators, fabricators, and laborers	2,155	36	11.8	2,194	36	12.1
Machine operators, assemblers, and inspectors	221	4	2.8	216	4	2.9
Transportation and material moving occupations	1,260	21	23.4	1,320	22	23.9
Motor vehicle operators	1,023	17	25.1	1,063	18	25.3
Truck drivers	882	15	29.2	898	15	28.8
Taxicab drivers and chauffeurs	82	1	30.0	74	1	27.3
Material moving equipment operators	197	3	17.5	205	3	17.8
Handlers, equipment cleaners, helpers, and laborers	674	11	13.2	658	11	12.5
Construction laborers	335	6	40.7	341	6	37.1
Laborers, except construction	193	3	14.7	193	3	15.0
Military occupations³	88	1	7.2	80	1	6.8

¹ Based on the 1990 Occupational Classification System developed by the Bureau of the Census.

² The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers based on Current Population Survey and Bureau of the Census figures. Workers under the age of 16 years were not included in the rate calculations so consistency with the CPS employment figures could be maintained.

³ Resident armed forces.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

Table 50. Number, percent, and rate of fatal occupational injuries by industry, 1998-99

Industry ¹	SIC code ¹	1998			1999		
		Number	Percent	Fatality rate per 100,000 workers ²	Number	Percent	Fatality rate per 100,000 workers ²
Total		6,055	100	4.5	6,023	100	4.5
Private industry		5,457	90	4.8	5,461	91	4.8
Agriculture, forestry and fishing		840	14	23.3	807	13	24.1
Agricultural production - crops	01	380	6	35.6	350	6	36.6
Agricultural production - livestock	02	174	3	15.3	163	3	16.4
Agricultural services	07	170	3	13.3	164	3	12.5
Mining		147	2	23.6	121	2	21.5
Oil and gas extraction	13	76	1	20.4	50	1	15.2
Construction		1,174	19	14.5	1,190	20	14.0
General building contractors	15	213	4	-	183	3	-
Heavy construction, except building	16	272	4	-	280	5	-
Special trades contractors	17	680	11	-	709	12	-
Manufacturing		698	12	3.3	719	12	3.6
Food and kindred products	20	72	1	4.3	83	1	5.1
Lumber and wood products	24	172	3	19.7	190	3	23.1
Transportation and public utilities		911	15	11.8	1,006	17	12.7
Local and interurban passenger transportation ..	41	85	1	15.4	102	2	17.2
Trucking and warehousing	42	564	9	21.8	605	10	22.6
Transportation by air	45	74	1	8.9	74	1	8.6
Electric, gas, and sanitary services	49	83	1	7.8	86	1	8.4
Wholesale trade		229	4	4.5	237	4	4.6
Durable goods	50	138	2	5.0	132	2	4.7
Nondurable goods	51	91	2	3.9	105	2	4.5
Retail trade		570	9	2.6	507	8	2.3
Food stores	54	135	2	3.7	115	2	3.3
Automotive dealers and service stations	55	120	2	5.4	82	1	3.7
Eating and drinking places	58	107	2	1.6	145	2	2.2
Finance, insurance, and real estate		92	2	1.1	105	2	1.2
Services		763	13	2.0	732	12	1.9
Automotive repair, services, and parking	75	133	2	8.6	132	2	8.4
Government ³		598	10	3.0	562	9	2.8
Federal		162	3	3.7	147	2	3.3
State		136	2	2.6	108	2	2.1
Local		296	5	3.0	301	5	2.9

¹ Classified according to the *Standard Industrial Classification Manual, 1987*.

² The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers based on Current Population Survey and Bureau of the Census figures. Workers under the age of 16 years were not included in the rate calculations so consistency with the CPS employment figures could be maintained.

³ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

Table 51. Number, percent, and rate of fatal occupational injuries by selected worker characteristics, 1998-99

Characteristics	1998			1999		
	Number	Percent	Fatality rate per 100,000 workers ¹	Number	Percent	Fatality rate per 100,000 workers ¹
Total	6,055	100	4.5	6,023	100	4.5
Employee status						
Wage and salary workers ²	4,804	79	3.9	4,884	81	3.9
Self-employed ³	1,251	21	11.7	1,139	19	11.1
Sex						
Men	5,569	92	7.7	5,582	93	7.7
Women	486	8	.8	441	7	.7
Age						
Under 16 years	33	1	-	26	(⁴)	-
16 to 17 years	32	1	1.2	46	1	1.6
18 to 19 years	137	2	3.1	122	2	2.7
20 to 24 years	421	7	3.2	450	7	3.4
25 to 34 years	1,238	20	3.9	1,171	19	3.7
35 to 44 years	1,525	25	4.2	1,499	25	4.1
45 to 54 years	1,279	21	4.6	1,326	22	4.6
55 to 64 years	836	14	6.5	814	14	6.1
65 and over	541	9	14.3	559	9	14.4
Race						
White	5,041	83	4.5	4,990	83	4.4
Black or African American	594	10	4.0	626	10	4.1
American Indian or Alaskan Native	29	(⁴)	-	57	1	-
Asian, Native Hawaiian or Pacific Islander	264	4	-	191	3	-
Other or not reported	127	2	-	159	3	-
Hispanic origin						
Hispanic ⁵	707	12	5.2	725	12	5.2

¹ The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers based on Current Population Survey and Bureau of the Census figures. Workers under the age of 16 years were not included in the rate calculations so consistency with the CPS employment figures could be maintained.

² May include volunteers and other workers receiving compensation.

³ Includes paid and unpaid family workers, and may include owners of incorporated businesses, or members of partnerships.

⁴ Less than 0.5 percent.

⁵ Persons identified as Hispanic may be of any race.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries

Table 52. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by selected occupation and industry division, 1999

(thousands)

Occupation	Private industry ²	Goods producing				Service producing				
		Agriculture, forestry, and fishing ²	Mining ³	Construction	Manufacturing	Transportation and public utilities ³	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Total	1,702.5	34.9	11.3	193.8	403.6	196.7	136.1	291.6	39.5	394.9
Truck drivers	141.1	1.1	.8	7.3	12.1	61.9	26.2	14.6	.5	16.5
Laborers, nonconstruction	89.1	.5	1.3	—	29.0	7.1	25.7	14.2	.8	10.5
Nursing aides, orderlies	75.7	—	—	—	—	—	—	—	.4	75.3
Construction laborers	46.5	—	—	45.5	.4	.3	—	.1	.1	.1
Janitors and cleaners	43.4	.4	(⁴)	.3	6.1	1.2	1.0	5.3	4.6	24.4
Assemblers	40.0	.1	—	.6	34.9	.7	1.8	1.1	—	.8
Carpenters	35.0	—	(⁴)	27.3	3.2	.3	.5	1.8	.4	1.4
Cooks	28.0	—	—	—	.3	.2	.1	19.2	.2	8.0
Stock handlers and baggers	27.3	(⁴)	(⁴)	.1	1.6	.3	2.4	22.7	—	.2
Registered nurses	25.7	—	—	—	(⁴)	.1	—	—	.2	25.3
Supervisors and proprietors	25.4	—	—	.1	.5	.1	3.2	19.5	.5	1.6
Miscellaneous food preparation	24.9	—	—	—	.1	—	.1	18.6	.1	5.9
Welders and cutters	24.7	(⁴)	.2	1.8	18.9	.7	2.3	—	(⁴)	.7
Cashiers	22.8	.1	—	—	(⁴)	.1	.4	20.8	(⁴)	1.4
Sales workers, other commodities	21.9	.1	—	.1	.3	.2	2.0	17.5	.1	1.6
Maids and housemen	21.4	—	(⁴)	—	.1	(⁴)	—	—	.7	20.5
Groundskeepers and gardeners, except farm	18.9	9.0	—	.3	.2	.2	.1	.5	2.8	5.6
Electricians	17.9	—	.3	13.6	2.2	.3	.2	.2	.1	1.1
Shipping and receiving clerks	16.6	—	—	.1	5.2	3.9	3.0	3.8	(⁴)	.6
Mechanics, automobile	16.5	.1	—	—	.2	.3	1.1	10.8	—	4.1
Driver-sales workers	14.5	—	—	—	3.6	.7	6.3	2.7	—	1.2
Kitchen workers	14.1	—	—	—	.1	—	—	11.4	—	2.6
Industrial truck operators	13.9	.3	.5	.6	6.1	1.8	3.3	.9	—	.3
Waiters and waitresses	13.2	—	—	—	(⁴)	(⁴)	—	9.4	.1	3.6
Plumbers and pipefitters	12.4	—	—	9.7	1.1	.4	.3	—	(⁴)	.8
Repairers, industrial machinery	11.9	—	1.1	.1	8.9	.5	.6	.2	—	.5
Licensed practical nurses	11.7	—	—	—	—	—	—	—	(⁴)	11.6
Mechanics, bus, truck, stationary engine	11.6	.1	(⁴)	.3	.7	4.8	2.3	1.3	—	2.1
Farm workers	11.5	10.5	—	—	.4	—	.4	—	—	.2
Packaging, filling machine operators	11.5	—	—	—	10.3	—	.8	—	—	.3
Stock and inventory clerks	11.4	(⁴)	—	.2	2.2	.6	1.2	4.8	.1	2.3
Supervisors, production workers	10.7	—	.1	—	8.2	.4	.6	.5	.2	.8
Health aides, except nursing	10.1	—	—	—	—	.1	—	—	—	9.9
Hand packers and packagers	9.8	.3	—	—	4.7	.4	2.2	1.6	—	.5
Butchers and meat cutters	9.8	.1	—	—	2.6	—	.4	6.5	—	(⁴)
Guards and police, except public	9.1	—	(⁴)	—	.3	.5	.1	.8	.4	7.0
Attendants, public transportation	9.0	—	—	—	—	9.0	—	—	—	—
Heating, air conditioning, and refrigeration mechanics	8.9	—	—	5.8	.2	.4	.7	.5	.2	1.1
Machinists	8.7	—	(⁴)	.1	7.8	(⁴)	.3	—	—	.5
Helpers, construction trades ..	8.7	—	—	8.3	.1	—	.1	.1	—	—

¹ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

² Excludes farms with fewer than 11 employees.

³ Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor, and by the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal

industries.

⁴ Fewer than 50 cases.

NOTE: Dashes indicate data that are not available. Because of rounding and nonclassifiable responses, data may not sum to the totals. The n.e.c. abbreviation means that the category includes those components not elsewhere classified.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

Table 53. **Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by selected worker characteristics and number of days away from work, 1999**

Characteristic	Total cases	Percent of days-away-from-work cases involving —							Median days away from work
		1 day	2 days	3 - 5 days	6 - 10 days	11 - 20 days	21 - 30 days	31 days or more	
Total [1,702,470 cases]	100.0	16.0	12.9	20.5	13.3	11.4	6.3	19.6	6
Sex:									
Male	100.0	16.1	12.6	20.2	13.5	11.5	6.5	19.6	6
Female	100.0	16.0	13.4	21.2	12.9	11.0	6.0	19.6	5
Age:²									
14 - 15	100.0	51.4	4.6	14.8	6.8	6.6	1.3	14.5	1
16 - 19	100.0	23.5	16.7	23.2	14.5	10.3	4.5	7.2	3
20 - 24	100.0	21.2	15.2	24.8	13.3	10.4	4.8	10.3	4
25 - 34	100.0	17.4	14.3	21.9	13.3	11.0	5.7	16.5	5
35 - 44	100.0	15.2	12.1	19.8	13.6	11.5	6.6	21.3	6
45 - 54	100.0	13.1	10.9	18.6	13.3	11.9	7.1	25.0	8
55 - 64	100.0	11.7	10.0	16.4	12.6	12.9	7.5	28.9	10
65 and over	100.0	11.1	10.5	15.6	11.8	14.8	9.2	26.9	11
Occupation:									
Managerial and professional specialty	100.0	16.7	15.9	22.3	13.3	11.5	4.7	15.5	5
Technical, sales, and administrative support	100.0	16.4	13.4	21.6	12.1	11.4	6.2	18.8	5
Service	100.0	16.0	13.9	23.2	14.1	10.7	5.1	17.0	5
Farming, forestry, and fishing	100.0	13.5	12.9	21.1	13.5	10.3	7.9	20.8	6
Precision production, craft, and repair	100.0	15.9	11.7	18.7	13.2	11.4	6.9	22.2	7
Operators, fabricators, and laborers	100.0	16.0	12.4	19.5	13.4	11.6	6.7	20.4	6
Length of service with employer:									
Less than 3 months	100.0	17.9	14.5	22.0	13.0	10.8	5.4	16.5	5
3 - 11 months	100.0	17.0	14.0	22.5	13.7	10.5	5.2	17.0	5
1 - 5 years	100.0	16.6	13.1	20.6	13.2	10.8	6.2	19.3	5
More than 5 years	100.0	14.1	11.3	18.4	13.0	12.7	7.6	22.9	8
Race or ethnic origin:									
White, non-Hispanic	100.0	16.7	13.3	20.5	13.2	11.2	6.2	18.8	5
Black, non-Hispanic	100.0	15.4	12.7	21.5	13.5	11.1	6.0	19.8	6
Hispanic	100.0	14.1	11.8	20.2	13.0	12.0	7.0	21.8	7
Asian or Pacific Islander	100.0	13.0	12.9	23.1	13.8	11.7	6.6	19.0	6
American Indian or Alaskan Native	100.0	15.4	10.5	28.7	15.5	10.3	4.1	15.4	5

¹ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

² Information is not shown separately for injured workers under age 14; they accounted for fewer than 50 cases.

NOTE: Because of rounding and nonclassifiable responses, percentages may not add to 100.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

Table 54. Incidence rates and number of cases of nonfatal occupational injuries and illnesses for private industry by selected case types, 1973-99

Year ¹	Incidence rate ²				Number (in thousands)			
	Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		Cases without lost workdays
		Total ³	With days away from work ⁴			Total ³	With days away from work ⁴	
1973	11.0	3.4	—	7.5	6,078.7	1,908.0	—	4,165.0
1974	10.4	3.5	—	6.9	5,915.8	2,001.8	—	3,908.1
1975	9.1	3.3	3.2	5.8	4,983.1	1,825.2	1,730.5	3,152.6
1976	9.2	3.5	3.3	5.7	5,163.7	1,978.8	1,875.4	3,180.4
1977	9.3	3.8	3.6	5.5	5,460.3	2,203.6	2,092.1	3,250.6
1978 ⁵	9.4	4.1	3.8	5.3	5,799.4	2,492.0	2,327.5	3,302.0
1979 ⁵	9.5	4.3	4.0	5.2	6,105.7	2,757.7	2,553.5	3,342.3
1980	8.7	4.0	3.7	4.7	5,605.8	2,539.9	2,353.8	3,060.4
1981	8.3	3.8	3.5	4.5	5,404.4	2,457.5	2,269.2	2,941.8
1982	7.7	3.5	3.2	4.2	4,856.4	2,182.4	2,016.2	2,668.6
1983 ⁵	7.6	3.4	3.2	4.2	4,854.1	2,182.7	2,014.2	2,667.6
1984 ⁵	8.0	3.7	3.4	4.3	5,419.7	2,501.5	2,303.7	2,913.4
1985	7.9	3.6	3.3	4.3	5,507.2	2,537.0	2,319.2	2,965.9
1986	7.9	3.6	3.3	4.3	5,629.0	2,590.3	2,356.9	3,034.6
1987	8.3	3.8	3.4	4.4	6,035.9	2,801.6	2,483.9	3,230.6
1988	8.6	4.0	3.5	4.6	6,440.4	2,977.8	2,483.9	3,458.7
1989	8.6	4.0	3.4	4.6	6,576.3	3,073.9	2,624.2	3,497.9
1990	8.8	4.1	3.4	4.7	6,753.0	3,123.8	2,613.5	3,625.6
1991	8.4	3.9	3.2	4.5	6,345.7	2,944.2	2,398.4	3,398.3
1992 ⁶	8.9	3.9	3.0	5.0	6,799.4	2,953.4	2,331.1	3,846.0
1993 ⁶	8.5	3.8	2.9	4.8	6,737.4	2,967.4	2,252.5	3,770.0
1994 ⁶	8.4	3.8	2.8	4.6	6,766.9	3,061.0	2,236.6	3,705.9
1995 ⁶	8.1	3.6	2.5	4.4	6,575.4	2,972.1	2,040.9	3,603.2
1996 ⁶	7.4	3.4	2.2	4.1	6,238.9	2,832.5	1,880.6	3,406.4
1997 ⁶	7.1	3.3	2.1	3.8	6,145.6	2,866.2	1,833.4	3,279.4
1998 ⁶	6.7	3.1	2.0	3.5	5,922.8	2,780.7	1,730.5	3,142.1
1999 ⁶	6.3	3.0	1.9	3.3	5,707.2	2,742.8	1,702.5	2,964.5

¹ Data for 1973-75 are based on the *Standard Industrial Classification Manual*, 1967 Edition; data for 1976-87 are based on the *Standard Industrial Classification Manual*, 1972 Edition; and data for 1988-99 are based on the *Standard Industrial Classification Manual*, 1987 Edition. The recordkeeping guidelines for occupational injuries and illnesses were revised in 1986, and the Survey of Occupational Injuries and Illnesses was redesigned in 1992.

² The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000, where

N = number of injuries and illnesses
 EH = total hours worked by all employees during the calendar year
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

³ Total lost workday cases involve days away from work, days of restricted work activity, or both.

⁴ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

⁵ To maintain historical comparability with the rest of the series, data for small nonfarm employers in low-risk industries who were not surveyed were imputed and included in the survey estimates.

⁶ Data exclude fatal work-related injuries and illnesses.

NOTE: Because of rounding, components may not add to the totals. Data for 1976-99 exclude farms with fewer than 11 employees.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

Table 55. Unemployment for selected demographic groups, annual averages, 1948-2000

(In thousands)

Year	Total unem- ployed	Men			Women			White	Black	Married men, spouse pre- sent	Women who main- tain families
		Total	16 to 19 years	20 years and over	Total	16 to 19 years	20 years and over				
1948	2,276	1,559	256	1,305	717	153	564	-	-	-	-
1949	3,637	2,572	353	2,219	1,065	223	841	-	-	-	-
1950	3,288	2,239	318	1,922	1,049	195	854	-	-	-	-
1951	2,055	1,221	191	1,029	834	145	689	-	-	-	-
1952	1,883	1,185	205	980	698	140	559	-	-	-	-
1953 ¹	1,834	1,202	184	1,019	632	123	510	-	-	-	-
1954	3,532	2,344	310	2,035	1,188	191	997	2,859	-	-	-
1955	2,852	1,854	274	1,580	998	176	823	2,252	-	972	-
1956	2,750	1,711	269	1,442	1,039	209	832	2,159	-	905	-
1957	2,859	1,841	300	1,541	1,018	197	821	2,289	-	982	-
1958	4,602	3,098	416	2,681	1,504	262	1,242	3,680	-	1,799	-
1959	3,740	2,420	398	2,022	1,320	256	1,063	2,946	-	1,296	-
1960 ¹	3,852	2,486	426	2,060	1,366	286	1,080	3,065	-	1,334	-
1961	4,714	2,997	479	2,518	1,717	349	1,368	3,743	-	1,676	-
1962 ¹	3,911	2,423	408	2,016	1,488	313	1,175	3,052	-	1,300	-
1963	4,070	2,472	501	1,971	1,598	383	1,216	3,208	-	1,235	-
1964	3,786	2,205	487	1,718	1,581	385	1,195	2,999	-	1,039	-
1965	3,366	1,914	479	1,435	1,452	395	1,056	2,691	-	883	-
1966	2,875	1,551	432	1,120	1,324	405	921	2,255	-	706	-
1967	2,975	1,508	448	1,060	1,468	391	1,078	2,338	-	685	70
1968	2,817	1,419	426	993	1,397	412	985	2,226	-	620	124
1969	2,832	1,403	440	963	1,429	413	1,015	2,260	-	582	130
1970	4,093	2,238	599	1,638	1,855	506	1,349	3,339	-	1,002	161
1971	5,016	2,789	693	2,097	2,227	568	1,658	4,085	-	1,255	236
1972 ¹	4,882	2,659	711	1,948	2,222	598	1,625	3,906	906	1,100	245
1973 ¹	4,365	2,275	653	1,624	2,089	583	1,507	3,442	846	916	249
1974	5,156	2,714	757	1,957	2,441	665	1,777	4,097	965	1,087	266
1975	7,929	4,442	966	3,476	3,486	802	2,684	6,421	1,369	2,063	401
1976	7,406	4,036	939	3,098	3,369	780	2,588	5,914	1,334	1,709	428
1977	6,991	3,667	874	2,794	3,324	789	2,535	5,441	1,393	1,462	422
1978 ¹	6,202	3,142	813	2,328	3,061	769	2,292	4,698	1,330	1,135	417
1979	6,137	3,120	811	2,308	3,018	743	2,276	4,664	1,319	1,134	425
1980	7,637	4,267	913	3,353	3,370	755	2,615	5,884	1,553	1,709	482
1981	8,273	4,577	962	3,615	3,696	800	2,895	6,343	1,731	1,766	579
1982	10,678	6,179	1,090	5,089	4,499	886	3,613	8,241	2,142	2,632	675
1983	10,717	6,260	1,003	5,257	4,457	825	3,632	8,128	2,272	2,634	706
1984	8,539	4,744	812	3,932	3,794	687	3,107	6,372	1,914	1,896	627
1985	8,312	4,521	806	3,715	3,791	661	3,129	6,191	1,864	1,767	651
1986 ¹	8,237	4,530	779	3,751	3,707	675	3,032	6,140	1,840	1,819	632
1987	7,425	4,101	732	3,369	3,324	616	2,709	5,501	1,684	1,625	613
1988	6,701	3,655	667	2,987	3,046	558	2,487	4,944	1,547	1,360	547
1989	6,528	3,525	658	2,867	3,003	536	2,467	4,770	1,544	1,276	558
1990 ¹	7,047	3,906	667	3,239	3,140	544	2,596	5,186	1,565	1,446	580
1991	8,628	4,946	751	4,195	3,683	608	3,074	6,560	1,723	1,875	663
1992	9,613	5,523	806	4,717	4,090	621	3,469	7,169	2,011	2,150	737
1993	8,940	5,055	768	4,287	3,885	597	3,288	6,655	1,844	1,899	731
1994 ¹	7,996	4,367	740	3,627	3,629	580	3,049	5,892	1,666	1,592	692
1995	7,404	3,983	744	3,239	3,421	602	2,819	5,459	1,538	1,424	624
1996	7,236	3,880	733	3,146	3,356	573	2,783	5,300	1,592	1,322	658
1997 ¹	6,739	3,577	694	2,882	3,162	577	2,585	4,836	1,560	1,167	684
1998 ¹	6,210	3,266	686	2,580	2,944	519	2,424	4,484	1,426	1,034	612
1999 ¹	5,880	3,066	633	2,433	2,814	529	2,285	4,273	1,309	990	560
2000 ¹	5,655	2,954	604	2,350	2,701	489	2,212	4,099	1,269	891	522

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 56. Unemployment rates for selected demographic groups, annual averages, 1948-2000

(Percent)

Year	Total, all workers	Men			Women			White	Black	Married men, spouse present	Women who maintain families
		Total	16 to 19 years	20 years and over	Total	16 to 19 years	20 years and over				
1948	3.8	3.6	9.8	3.2	4.1	8.3	3.6	-	-	-	-
1949	5.9	5.9	14.3	5.4	6.0	12.3	5.3	-	-	-	-
1950	5.3	5.1	12.7	4.7	5.7	11.4	5.1	-	-	-	-
1951	3.3	2.8	8.1	2.5	4.4	8.3	4.0	-	-	-	-
1952	3.0	2.8	8.9	2.4	3.6	8.0	3.2	-	-	-	-
1953 ¹	2.9	2.8	7.9	2.5	3.3	7.2	2.9	-	-	-	-
1954	5.5	5.3	13.5	4.9	6.0	11.4	5.5	5.0	-	-	-
1955	4.4	4.2	11.6	3.8	4.9	10.2	4.4	3.9	-	2.6	-
1956	4.1	3.8	11.1	3.4	4.8	11.2	4.2	3.6	-	2.3	-
1957	4.3	4.1	12.4	3.6	4.7	10.6	4.1	3.8	-	2.8	-
1958	6.8	6.8	17.1	6.2	6.8	14.3	6.1	6.1	-	5.1	-
1959	5.5	5.2	15.3	4.7	5.9	13.5	5.2	4.8	-	3.6	-
1960 ¹	5.5	5.4	15.3	4.7	5.9	13.9	5.1	5.0	-	3.7	-
1961	6.7	6.4	17.1	5.7	7.2	16.3	6.3	6.0	-	4.6	-
1962 ¹	5.5	5.2	14.7	4.6	6.2	14.6	5.4	4.9	-	3.6	-
1963	5.7	5.2	17.2	4.5	6.5	17.2	5.4	5.0	-	3.4	-
1964	5.2	4.6	15.8	3.9	6.2	16.6	5.2	4.6	-	2.8	-
1965	4.5	4.0	14.1	3.2	5.5	15.7	4.5	4.1	-	2.4	-
1966	3.8	3.2	11.7	2.5	4.8	14.1	3.8	3.4	-	1.9	-
1967	3.8	3.1	12.3	2.3	5.2	13.5	4.2	3.4	-	1.8	4.9
1968	3.6	2.9	11.6	2.2	4.8	14.0	3.8	3.2	-	1.6	4.4
1969	3.5	2.8	11.4	2.1	4.7	13.3	3.7	3.1	-	1.5	4.4
1970	4.9	4.4	15.0	3.5	5.9	15.6	4.8	4.5	-	2.6	5.4
1971	5.9	5.3	16.6	4.4	6.9	17.2	5.7	5.4	-	3.2	7.3
1972 ¹	5.6	5.0	15.9	4.0	6.6	16.7	5.4	5.1	10.4	2.8	7.2
1973 ¹	4.9	4.2	13.9	3.3	6.0	15.3	4.9	4.3	9.4	2.3	7.1
1974	5.6	4.9	15.6	3.8	6.7	16.6	5.5	5.0	10.5	2.7	7.0
1975	8.5	7.9	20.1	6.8	9.3	19.7	8.0	7.8	14.8	5.1	10.0
1976	7.7	7.1	19.2	5.9	8.6	18.7	7.4	7.0	14.0	4.2	10.1
1977	7.1	6.3	17.3	5.2	8.2	18.3	7.0	6.2	14.0	3.6	9.4
1978 ¹	6.1	5.3	15.8	4.3	7.2	17.1	6.0	5.2	12.8	2.8	8.5
1979	5.8	5.1	15.9	4.2	6.8	16.4	5.7	5.1	12.3	2.8	8.3
1980	7.1	6.9	18.3	5.9	7.4	17.2	6.4	6.3	14.3	4.2	9.2
1981	7.6	7.4	20.1	6.3	7.9	19.0	6.8	6.7	15.6	4.3	10.4
1982	9.7	9.9	24.4	8.8	9.4	21.9	8.3	8.6	18.9	6.5	11.7
1983	9.6	9.9	23.3	8.9	9.2	21.3	8.1	8.4	19.5	6.5	12.2
1984	7.5	7.4	19.6	6.6	7.6	18.0	6.8	6.5	15.9	4.6	10.3
1985	7.2	7.0	19.5	6.2	7.4	17.6	6.6	6.2	15.1	4.3	10.4
1986 ¹	7.0	6.9	19.0	6.1	7.1	17.6	6.2	6.0	14.5	4.4	9.8
1987	6.2	6.2	17.8	5.4	6.2	15.9	5.4	5.3	13.0	3.9	9.2
1988	5.5	5.5	16.0	4.8	5.6	14.4	4.9	4.7	11.7	3.3	8.1
1989	5.3	5.2	15.9	4.5	5.4	14.0	4.7	4.5	11.4	3.0	8.1
1990 ¹	5.6	5.7	16.3	5.0	5.5	14.7	4.9	4.8	11.4	3.4	8.3
1991	6.8	7.2	19.8	6.4	6.4	17.5	5.7	6.1	12.5	4.4	9.3
1992	7.5	7.9	21.5	7.1	7.0	18.6	6.3	6.6	14.2	5.1	10.0
1993	6.9	7.2	20.4	6.4	6.6	17.5	5.9	6.1	13.0	4.4	9.7
1994 ¹	6.1	6.2	19.0	5.4	6.0	16.2	5.4	5.3	11.5	3.7	8.9
1995	5.6	5.6	18.4	4.8	5.6	16.1	4.9	4.9	10.4	3.3	8.0
1996	5.4	5.4	18.1	4.6	5.4	15.2	4.8	4.7	10.5	3.0	8.2
1997 ¹	4.9	4.9	16.9	4.2	5.0	15.0	4.4	4.2	10.0	2.7	8.1
1998 ¹	4.5	4.4	16.2	3.7	4.6	12.9	4.1	3.9	8.9	2.4	7.2
1999 ¹	4.2	4.1	14.7	3.5	4.3	13.2	3.8	3.7	8.0	2.2	6.4
2000 ¹	4.0	3.9	14.0	3.3	4.1	12.1	3.6	3.5	7.6	2.0	5.9

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*,

a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 57. **Unemployed persons by duration and reason, annual averages, 1948-2000**

(Numbers in thousands)

Year	Total unemployed	Duration of unemployment						Reason for unemployment			
		Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Mean duration (weeks)	Median duration (weeks)	Job losers ¹	Job leavers	Reentrants	New entrants
1948	2,276	1,300	669	193	116	8.6	-	-	-	-	-
1949	3,637	1,756	1,194	428	256	10.0	-	-	-	-	-
1950	3,288	1,450	1,055	425	357	12.1	-	-	-	-	-
1951	2,055	1,177	574	166	137	9.7	-	-	-	-	-
1952	1,883	1,135	516	148	84	8.4	-	-	-	-	-
1953 ²	1,834	1,142	482	132	78	8.0	-	-	-	-	-
1954	3,532	1,605	1,116	495	317	11.8	-	-	-	-	-
1955	2,852	1,335	815	366	336	13.0	-	-	-	-	-
1956	2,750	1,412	805	301	232	11.3	-	-	-	-	-
1957	2,859	1,408	891	321	239	10.5	-	-	-	-	-
1958	4,602	1,753	1,396	785	667	13.9	-	-	-	-	-
1959	3,740	1,585	1,114	469	571	14.4	-	-	-	-	-
1960 ²	3,852	1,719	1,176	503	454	12.8	-	-	-	-	-
1961	4,714	1,806	1,376	728	804	15.6	-	-	-	-	-
1962 ²	3,911	1,663	1,134	534	585	14.7	-	-	-	-	-
1963	4,070	1,751	1,231	535	553	14.0	-	-	-	-	-
1964	3,786	1,697	1,117	491	482	13.3	-	-	-	-	-
1965	3,366	1,628	983	404	351	11.8	-	-	-	-	-
1966	2,875	1,573	779	287	239	10.4	-	-	-	-	-
1967	2,975	1,634	893	271	177	8.7	2.3	1,229	438	945	396
1968	2,817	1,594	810	256	156	8.4	4.5	1,070	431	909	407
1969	2,832	1,629	827	242	133	7.8	4.4	1,017	436	965	413
1970	4,093	2,139	1,290	428	235	8.6	4.9	1,811	550	1,228	504
1971	5,016	2,245	1,585	668	519	11.3	6.3	2,323	590	1,472	630
1972 ²	4,882	2,242	1,472	601	566	12.0	6.2	2,108	641	1,456	677
1973 ²	4,365	2,224	1,314	483	343	10.0	5.2	1,694	683	1,340	649
1974	5,156	2,604	1,597	574	381	9.8	5.2	2,242	768	1,463	681
1975	7,929	2,940	2,484	1,303	1,203	14.2	8.4	4,386	827	1,892	823
1976	7,406	2,844	2,196	1,018	1,348	15.8	8.2	3,679	903	1,928	895
1977	6,991	2,919	2,132	913	1,028	14.3	7.0	3,166	909	1,963	953
1978 ²	6,202	2,865	1,923	766	648	11.9	5.9	2,585	874	1,857	885
1979	6,137	2,950	1,946	706	535	10.8	5.4	2,635	880	1,806	817
1980	7,637	3,295	2,470	1,052	820	11.9	6.5	3,947	891	1,927	872
1981	8,273	3,449	2,539	1,122	1,162	13.7	6.9	4,267	923	2,102	981
1982	10,678	3,883	3,311	1,708	1,776	15.6	8.7	6,268	840	2,384	1,185
1983	10,717	3,570	2,937	1,652	2,559	20.0	10.1	6,258	830	2,412	1,216
1984	8,539	3,350	2,451	1,104	1,634	18.2	7.9	4,421	823	2,184	1,110
1985	8,312	3,498	2,509	1,025	1,280	15.6	6.8	4,139	877	2,256	1,039
1986 ²	8,237	3,448	2,557	1,045	1,187	15.0	6.9	4,033	1,015	2,160	1,029
1987	7,425	3,246	2,196	943	1,040	14.5	6.5	3,566	965	1,974	920
1988	6,701	3,084	2,007	801	809	13.5	5.9	3,092	983	1,809	816
1989	6,528	3,174	1,978	730	646	11.9	4.8	2,983	1,024	1,843	677
1990 ²	7,047	3,265	2,257	822	703	12.0	5.3	3,387	1,041	1,930	688
1991	8,628	3,480	2,791	1,246	1,111	13.7	6.8	4,694	1,004	2,139	792
1992	9,613	3,376	2,830	1,453	1,954	17.7	8.7	5,389	1,002	2,285	937
1993	8,940	3,262	2,584	1,297	1,798	18.0	8.3	4,848	976	2,198	919
1994 ²	7,996	2,728	2,408	1,237	1,623	18.8	9.2	3,815	791	2,786	604
1995	7,404	2,700	2,342	1,085	1,278	16.6	8.3	3,476	824	2,525	579
1996	7,236	2,633	2,287	1,053	1,262	16.7	8.3	3,370	774	2,512	580
1997 ²	6,739	2,538	2,138	995	1,067	15.8	8.0	3,037	795	2,338	569
1998 ²	6,210	2,622	1,950	763	875	14.5	6.7	2,822	734	2,132	520
1999 ²	5,880	2,568	1,832	755	725	13.4	6.4	2,622	783	2,005	469
2000 ²	5,655	2,543	1,803	665	644	12.6	5.9	2,492	775	1,957	431

¹ Beginning January 1994 includes persons who completed temporary jobs.

² The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and

Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 58. **Unemployment rates of persons 25 to 64 years of age by educational attainment and sex, March 1970-2000**
(Percent)

Year	Less than 4 years of high school	4 years of high school, only	College	
			1 to 3 years	4 years or more
TOTAL				
1970.....	4.6	2.9	2.9	1.3
1971.....	6.4	4.0	3.7	2.0
1972 ¹	5.8	3.9	3.5	2.0
1973 ¹	5.4	3.3	2.9	1.7
1974.....	5.3	3.4	3.4	1.7
1975.....	10.7	6.9	5.5	2.5
1976.....	8.6	6.1	5.2	2.4
1977.....	9.0	5.6	5.0	2.8
1978 ¹	7.4	4.5	3.3	2.2
1979.....	7.2	4.4	3.5	2.1
1980.....	8.4	5.1	4.3	1.9
1981.....	10.1	6.2	4.5	2.2
1982.....	12.5	8.5	6.4	3.0
1983.....	15.8	10.0	7.3	3.5
1984.....	12.1	7.2	5.3	2.7
1985.....	11.4	6.9	4.7	2.4
1986 ¹	11.6	6.9	4.7	2.3
1987.....	11.1	6.3	4.5	2.3
1988.....	9.4	5.4	3.7	1.7
1989.....	8.9	4.8	3.4	2.2
1990 ¹	9.6	4.9	3.7	1.9
1991.....	12.3	6.7	5.0	2.9
1992 ¹	13.5	7.7	5.9	2.9
1993.....	13.0	7.3	5.5	3.2
1994 ¹	12.6	6.7	5.0	2.9
1995.....	10.0	5.2	4.5	2.5
1996.....	10.9	5.5	4.1	2.2
1997 ¹	10.4	5.1	3.8	2.0
1998 ¹	8.5	4.8	3.6	1.8
1999 ¹	7.7	4.0	3.1	1.9
2000 ¹	7.9	3.8	3.0	1.5
Men				
1970.....	4.0	2.4	2.7	1.1
1971.....	6.0	3.6	3.5	1.8
1972 ¹	5.4	3.6	3.1	1.9
1973 ¹	5.0	2.8	2.8	1.6
1974.....	4.7	3.1	2.9	1.5
1975.....	10.5	6.7	5.1	2.2
1976.....	8.3	5.8	5.1	2.2
1977.....	8.6	5.1	4.5	2.4
1978 ¹	7.1	4.2	3.1	1.9
1979.....	6.6	4.2	3.2	1.7
1980.....	8.2	5.3	4.4	1.7
1981.....	10.2	6.6	4.4	1.9
1982.....	12.7	9.3	6.8	2.9
1983.....	16.1	11.9	8.4	3.4
1984.....	12.3	8.1	5.2	2.7
1985.....	11.2	7.2	4.5	2.4
1986 ¹	11.7	7.4	4.7	2.3
1987.....	11.2	6.7	5.0	2.5
1988.....	10.0	6.2	3.9	1.6
1989.....	9.4	5.4	3.2	2.3

See footnote at end of table.

Table 58. Unemployment rates of persons 25 to 64 years of age by educational attainment and sex, March 1970-2000—Continued

(Percent)

Year	Less than 4 years of high school	4 years of high school, only	College	
			1 to 3 years	4 years or more
Men—Continued				
1990 ¹	9.6	5.3	3.9	2.1
1991	13.4	7.7	5.2	3.2
1992	14.8	8.8	6.4	3.2
1993	14.1	8.7	6.3	3.4
1994 ¹	12.8	7.2	5.3	2.9
1995	10.9	5.7	4.4	2.6
1996 ¹	11.0	6.4	4.5	2.3
1997 ¹	9.9	5.6	4.0	2.1
1998 ¹	8.0	5.1	3.7	1.7
1999 ¹	7.0	4.1	3.2	1.9
2000 ¹	7.1	3.9	3.1	1.6
Women				
1970	5.7	3.6	3.1	1.9
1971	7.2	4.5	4.3	2.4
1972 ¹	6.6	4.3	4.2	2.3
1973 ¹	6.2	3.9	3.0	2.1
1974	6.4	3.8	4.4	2.1
1975	10.5	7.1	6.3	3.4
1976	9.2	6.5	5.5	2.7
1977	9.7	6.2	5.7	3.6
1978 ¹	7.9	4.9	3.6	2.6
1979	8.3	4.7	3.8	2.8
1980	8.9	5.0	4.1	2.2
1981	10.0	5.8	4.6	2.7
1982	12.2	7.8	5.3	3.3
1983	15.3	8.0	6.0	3.7
1984	11.7	6.3	5.3	2.7
1985	11.7	6.5	4.8	2.5
1986 ¹	11.4	6.3	4.8	2.4
1987	10.9	5.8	4.0	2.1
1988	8.5	4.6	3.4	1.9
1989	8.1	4.2	3.7	2.0
1990 ¹	9.5	4.6	3.5	1.7
1991	10.7	5.5	4.8	2.5
1992 ¹	11.4	6.5	5.3	2.5
1993	11.2	5.8	4.6	2.9
1994 ¹	12.4	6.2	4.7	2.9
1995	8.6	4.6	4.5	2.4
1996	10.7	4.4	3.8	2.1
1997 ¹	11.3	4.5	3.6	2.0
1998 ¹	9.3	4.4	3.5	1.9
1999 ¹	8.8	3.9	3.0	1.9
2000 ¹	9.1	3.6	2.9	1.4

¹ Data on educational attainment, beginning in 1992, reflect degrees or diplomas received rather than years of school completed and are not strictly comparable with data for prior years. In addition, the comparability of historical labor force data has been affected at various times by methodological

and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 59. Civilian unemployment rates, approximating U.S. concepts, 10 countries, 1959-2000

Year	United States	Canada	Australia	Japan	France	Germany (¹)	Italy	Netherlands	Sweden	United Kingdom
1959	5.5	5.6	²2.1	2.3	1.6	2.0	4.8	—	³1.7	2.8
1960	5.5	6.5	²1.6	1.7	1.5	1.1	3.7	—	³1.7	2.2
1961	6.7	6.7	²3.0	1.5	1.2	.6	3.2	—	1.5	2.0
1962	5.5	5.5	²2.9	1.3	1.4	.6	2.8	—	1.5	2.7
1963	5.7	5.2	²2.3	1.3	1.6	.5	2.4	—	1.7	3.3
1964	5.2	4.4	1.4	1.2	1.2	.4	2.7	—	1.6	2.5
1965	4.5	3.6	1.3	1.2	1.6	.3	3.5	—	1.2	2.1
1966	3.8	3.4	1.6	1.4	1.6	.3	3.7	—	1.6	2.3
1967	3.8	3.8	1.9	1.3	2.1	1.3	3.4	—	2.1	3.3
1968	3.6	4.5	1.8	1.2	2.7	1.1	3.5	—	2.2	3.2
1969	3.5	4.4	1.8	1.1	2.3	.6	3.5	—	1.9	3.1
1970	4.9	5.7	1.6	1.2	2.5	.5	3.2	—	1.5	3.1
1971	5.9	6.2	1.9	1.3	2.8	.6	3.3	—	2.6	3.9
1972	5.6	6.2	2.6	1.4	2.9	.7	3.8	—	2.7	4.2
1973	4.9	5.5	2.3	1.3	2.8	.7	3.7	3.1	2.5	3.2
1974	5.6	5.3	2.7	1.4	2.9	1.6	3.1	3.6	2.0	3.1
1975	8.5	6.9	4.9	1.9	4.2	3.4	3.4	5.1	1.6	4.6
1976	7.7	⁴6.8	4.8	2.0	4.6	3.4	3.9	5.4	1.6	5.9
1977	7.1	7.8	5.6	2.0	5.2	3.4	4.1	4.9	1.8	6.4
1978	6.1	8.1	6.3	2.3	5.4	3.3	4.1	5.1	2.2	6.3
1979	5.8	7.2	6.3	2.1	6.1	2.9	4.4	5.1	2.1	5.4
1980	7.1	7.2	6.1	2.0	6.5	2.8	4.4	6.0	2.0	7.0
1981	7.6	7.3	5.8	2.2	7.6	4.0	4.9	8.9	2.5	10.5
1982	9.7	10.6	7.2	2.4	8.3	5.6	5.4	10.2	3.1	11.3
1983	9.6	11.5	10.0	2.7	8.6	⁵6.9	5.9	⁶11.4	3.5	11.8
1984	7.5	10.9	9.0	2.8	10.0	7.1	5.9	11.5	3.1	11.7
1985	7.2	10.2	8.3	2.6	10.5	7.2	6.0	9.6	2.8	11.2
1986	7.0	9.2	8.1	2.8	10.6	6.6	⁷7.5	10.0	2.6	11.2
1987	6.2	8.4	8.1	2.9	10.8	6.3	7.9	10.0	⁸2.2	10.3
1988	5.5	7.3	7.2	2.5	10.3	6.3	7.9	⁹7.7	1.9	8.6
1989	5.3	7.0	6.2	2.3	9.6	5.7	7.8	7.0	1.6	7.2
1990	⁵5.6	7.7	6.9	2.1	9.1	5.0	7.0	6.2	1.8	6.9
1991	6.8	9.8	9.6	2.1	9.6	⁵5.6	⁶6.9	5.9	3.1	8.8
1992	7.5	10.6	10.8	2.2	¹0.4	6.7	7.3	5.6	5.6	10.1
1993	6.9	10.7	10.9	2.5	11.8	7.9	¹0.2	6.5	9.3	10.5
1994	⁶6.1	9.4	9.7	2.9	12.3	8.5	11.2	7.2	9.6	9.7
1995	5.6	8.5	8.5	3.2	11.8	8.2	11.8	7.1	9.1	8.7
1996	5.4	8.7	8.6	3.4	12.5	8.9	11.7	6.3	9.9	8.2
1997	4.9	8.2	8.6	3.4	12.4	9.9	11.9	5.3	10.1	7.0
1998	4.5	7.5	8.0	4.1	11.8	9.3	12.0	4.0	8.4	6.3
1999	4.2	6.8	7.2	4.7	11.2	8.7	11.5	3.4	7.1	6.1ᵀ
2000	4.0	5.8	6.6	4.8	9.7ᵀ	8.3ᵀ	10.7ᵀ	—	5.8	5.5ᵀ

¹ Former West Germany through 1990, unified Germany thereafter.

² The Australian labor force survey was initiated in 1964. Unemployment rates for 1959-63 are estimates made by an Australian researcher.

³ The Swedish labor force survey was initiated in 1961. The figures for 1959-60 are estimates made by the Organization for Economic Cooperation and Development.

⁴ There are breaks in the series for the United States (1990, 1994), Canada (1976), France (1992), Germany (1983, 1991), Italy (1986, 1991, 1993), the Netherlands (1983, 1988), and Sweden (1987):

The United States (1990): The impact was to raise the unemployment rate by 0.1 percentage point.

The United States (1994): The impact was to raise the unemployment rate by 0.1 percentage point.

Canada (1976): Beginning with 1976, the unemployment rates are adjusted to more closely approximate U.S. concepts. The impact was to lower the unemployment rate 0.4 percentage point in 1976.

France (1992): The impact was to lower the unemployment rate by 0.1 percentage point.

Germany (1983): The impact was to lower the unemployment rate by 0.3 percentage point.

Germany (1991): The impact of including the former East Germany was to increase the 1991 unemployment rate 1.3 percentage points.

Italy (1986): The impact was to raise the unemployment rate by 1.2 percentage points.

Italy (1991): The impact was to raise the unemployment rate by approximately 0.3 percentage point.

Italy (1993): The impact was to raise the unemployment rate by approximately 1.1 percentage points.

Netherlands (1983): The impact was to lower the unemployment rate by about 2 percentage points.

Netherlands (1988): The impact was to lower the unemployment rate by 1.7 percentage points.

Sweden (1987): The net impact of the break and the BLS adjustment for students seeking work lowered the unemployment rate by 0.1 percentage point.

p = preliminary.

Dash indicates data not available.

Table 60. Consumer price indexes, 16 countries, 1950-2000

(Indexes: 1982-84=100)

Year	United States I ¹	Canada I ²	Japan I ³	Australia I ⁴	Austria I	Belgium I ⁵	Denmark I ⁶	France I ⁷
1950	24.1	21.6	14.8	12.6	-	24.0	12.3	11.1
1955	26.8	24.4	20.2	18.9	-	26.8	15.0	14.5
1960	29.6	26.9	21.8	22.1	32.6	29.1	16.7	19.4
1961	29.9	27.1	23.0	22.6	33.8	29.3	17.4	20.0
1962	30.2	27.4	24.6	22.6	35.3	29.8	18.8	21.0
1963	30.6	27.9	26.4	22.7	36.2	30.4	19.8	22.0
1964	31.0	28.4	27.4	23.2	37.6	31.7	20.5	22.7
1965	31.5	29.1	29.5	24.1	39.5	32.9	21.8	23.3
1966	32.4	30.2	31.0	24.9	40.3	34.3	23.3	23.9
1967	33.4	31.3	32.3	25.7	41.9	35.3	25.0	24.6
1968	34.8	32.5	34.0	26.3	43.1	36.3	27.0	25.7
1969	36.7	34.0	35.8	27.1	44.4	37.6	27.9	27.3
1970	38.8	35.1	38.5	28.2	46.4	39.1	29.8	28.8
1971	40.5	36.2	40.9	29.9	48.5	40.8	31.5	30.3
1972	41.8	37.9	42.9	31.6	51.6	43.0	33.6	32.2
1973	44.4	40.7	47.9	34.6	55.5	46.0	36.7	34.6
1974	49.3	45.2	59.1	39.9	60.8	51.9	42.3	39.3
1975	53.8	50.1	66.0	45.9	65.9	58.5	46.4	43.9
1976	56.9	53.8	72.2	52.1	70.8	63.8	50.5	48.2
1977	60.6	58.1	78.1	58.5	74.6	68.4	56.1	52.7
1978	65.2	63.3	81.4	63.1	77.3	71.4	61.8	57.5
1979	72.6	69.1	84.4	68.8	80.2	74.6	67.7	63.6
1980	82.4	76.1	90.9	75.8	85.3	79.6	76.1	72.3
1981	90.9	85.6	95.4	83.2	91.1	85.6	85.0	82.0
1982	96.5	94.9	98.0	92.4	96.0	93.1	93.6	91.6
1983	99.6	100.4	99.8	101.8	99.2	100.3	100.0	100.5
1984	103.9	104.7	102.1	105.8	104.8	106.6	106.4	107.9
1985	107.6	108.9	104.2	112.9	108.2	111.8	111.4	114.2
1986	109.6	113.4	104.8	123.2	110.0	113.3	115.4	117.2
1987	113.6	118.4	104.9	133.7	111.6	115.0	120.0	120.9
1988	118.3	123.2	105.7	142.9	113.8	116.4	125.5	124.2
1989	124.0	129.3	108.1	154.1	116.6	120.0	131.5	128.6
1990	130.7	135.5	111.4	165.3	120.5	124.1	135.0	133.0
1991	136.2	143.1	115.1	170.7	124.4	128.1	138.2	137.2
1992	140.3	145.3	117.0	172.4	129.5	131.2	141.1	140.6
1993	144.5	147.9	118.5	175.5	134.1	134.8	142.9	143.5
1994	148.2	148.2	119.3	178.8	138.2	138.0	145.8	145.9
1995	152.4	151.4	119.2	187.1	141.3	140.1	148.8	148.4
1996	156.9	153.8	119.3	192.0	143.9	142.9	151.9	151.3
1997	160.5	156.2	121.5	192.5	145.8	145.3	155.3	153.2
1998	163.0	157.7	122.2	194.1	147.1	146.7	158.2	154.3
1999	166.6	160.5	121.8	197.0	147.9	148.3	162.0	155.0
2000	172.2	164.8	121.0	205.8	151.4	152.1	166.8	157.7

See footnotes at end of table.

Table 60. Consumer price indexes, 16 countries, 1950-2000—Continued

(Indexes: 1982-84=100)

Year	Unified Germany I	West Germany I ⁸	Italy I ⁹	Netherlands I ¹⁰	Norway I ¹¹	Spain II ¹²	Sweden I	Switzerland I ¹³	United Kingdom I ¹⁴
1950		33.9	8.9	21.2	13.6	5.5	13.4	33.2	9.8
1955		37.3	10.9	24.9	18.4	6.3	17.5	36.0	12.9
1960		40.9	11.9	28.3	21.1	9.1	21.0	38.2	14.6
1961		41.9	12.2	28.6	21.6	9.2	21.5	38.9	15.1
1962		43.1	12.7	29.3	22.8	9.7	22.5	40.6	15.8
1963		44.4	13.7	30.3	23.4	10.6	23.2	42.0	16.1
1964		45.4	14.5	32.0	24.7	11.3	23.9	43.3	16.6
1965		46.9	15.2	33.3	25.7	12.8	25.1	44.8	17.4
1966		48.6	15.5	35.2	26.6	13.6	26.8	46.9	18.1
1967		49.4	16.1	36.4	27.8	14.5	27.9	48.8	18.5
1968		50.2	16.3	37.8	28.7	15.2	28.4	50.0	19.4
1969		51.1	16.7	40.6	29.6	15.5	29.2	51.3	20.5
1970		52.8	17.5	42.1	32.8	16.4	31.3	53.1	21.8
1971		55.6	18.4	45.3	34.8	17.7	33.6	56.6	23.8
1972		58.7	19.4	48.9	37.3	19.2	35.6	60.4	25.5
1973		62.8	21.6	52.9	40.1	21.4	38.0	65.7	27.9
1974		67.2	25.7	58.1	43.8	24.8	41.7	72.1	32.3
1975		71.2	30.0	63.8	49.0	29.0	45.8	76.9	40.1
1976		74.2	35.1	69.6	53.5	34.1	50.5	78.2	46.8
1977		77.0	41.0	74.1	58.3	42.4	56.3	79.2	54.2
1978		79.0	46.0	77.2	63.1	50.8	61.9	80.1	58.7
1979		82.3	52.8	80.5	66.1	58.8	66.4	83.0	66.6
1980		86.7	64.0	86.1	73.3	67.9	75.5	86.3	78.5
1981		92.2	75.4	91.9	83.3	77.8	84.6	91.9	87.9
1982		97.1	87.8	97.2	92.7	89.0	91.9	97.1	95.4
1983		100.3	100.7	99.8	100.5	99.9	100.0	100.0	99.8
1984		102.7	111.5	103.0	106.8	111.1	108.1	102.9	104.8
1985		104.8	121.8	105.3	112.9	120.9	116.0	106.4	111.1
1986		104.7	129.0	105.6	121.0	131.5	121.0	107.2	114.9
1987		104.9	135.1	105.1	131.6	138.5	126.1	108.8	119.7
1988		106.3	141.9	106.1	140.4	145.1	133.4	110.8	125.6
1989		109.2	150.8	107.1	146.8	155.0	142.0	114.3	135.4
1990		112.1	160.5	109.9	152.8	165.4	156.7	120.5	148.2
1991	100.0	116.2	170.6	113.3	158.0	175.2	171.5	127.5	156.9
1992	105.1	120.9	179.4	116.9	161.7	185.6	175.6	132.7	162.7
1993	109.8	125.2	187.5	120.0	165.4	194.1	183.9	137.0	165.3
1994	112.8	128.6	195.0	123.3	167.7	203.3	187.8	138.3	169.3
1995	114.7	130.7	205.1	125.7	171.8	212.8	192.4	140.8	175.2
1996	116.3	132.4	213.4	128.2	174.0	220.3	193.5	141.9	179.4
1997	118.5	134.8	217.7	131.0	178.5	224.8	194.8	142.5	185.1
1998	119.7	136.0	222.0	133.6	182.5	228.8	194.2	142.7	191.4
1999	120.3	136.9	225.7	136.5	186.7	234.2	195.1	143.8	194.3
2000	122.6	139.7	231.4	140.0	192.5	242.1	196.9	146.0	200.1

I = All Households Index, II = Worker Households Index.

¹ All urban households from 1978; urban worker households prior to 1978.

² All households from January 1995; all urban households from September 1978 to December 1994; and middle income urban households prior to September 1978.

³ Excluding agricultural and single person households.

⁴ Urban worker households prior to September 1998.

⁵ Excluding rent and several other services prior to 1976.

⁶ Excluding rent prior to 1964.

⁷ All households from 1991; urban worker households from 1962 to 1990; worker households in Paris only prior to 1962.

⁸ Refers to the former West Germany. Middle income worker households prior to 1962.

⁹ Middle income worker households prior to 1953.

¹⁰ Middle income worker households prior to 1969.

¹¹ Urban worker households prior to 1960.

¹² Middle income worker households.

¹³ Urban worker households prior to May 1993.

¹⁴ Excluding pensioner and high income households.

Table 61. Hourly compensation costs in U.S. dollars for production workers in manufacturing, 29 countries or areas, 1975-99

Year	United States	Canada	Mexico	Australia ¹	Hong Kong SAR ²	Israel	Japan	Korea	New Zealand	Singapore
1975	\$6.36	\$5.96	\$1.47	\$5.62	\$0.76	\$2.25	\$3.00	\$0.32	\$3.15	\$0.84
1976	6.92	7.06	1.64	6.22	.87	2.38	3.25	.42	2.94	.86
1977	7.59	7.34	1.34	6.29	1.03	2.68	3.96	.56	3.30	.91
1978	8.28	7.42	1.62	7.00	1.18	2.57	5.45	.76	4.06	1.05
1979	9.04	7.87	1.91	7.47	1.31	3.30	5.40	1.01	4.62	1.26
1980	9.87	8.67	2.21	8.47	1.51	3.79	5.52	.96	5.22	1.49
1981	10.87	9.57	2.82	9.80	1.55	4.18	6.08	1.02	5.59	1.80
1982	11.68	10.45	1.97	9.98	1.66	4.43	5.60	1.09	5.51	1.96
1983	12.14	11.16	1.42	9.31	1.51	4.88	6.03	1.15	5.09	2.21
1984	12.55	11.15	1.56	9.83	1.58	4.65	6.23	1.20	4.56	2.46
1985	13.01	10.95	1.59	8.20	1.73	4.06	6.34	1.23	4.38	2.47
1986	13.26	11.07	1.09	8.54	1.88	5.20	9.22	1.31	5.39	2.23
1987	13.52	12.02	1.04	9.46	2.09	6.34	10.79	1.59	6.64	2.31
1988	13.91	13.47	1.25	11.35	2.40	7.67	12.63	2.20	8.02	2.67
1989	14.32	14.72	1.43	12.41	2.79	7.69	12.53	3.17	7.65	3.15
1990	14.91	15.94	1.58	13.07	3.20	8.55	12.80	3.71	8.17	3.78
1991	15.58	17.28	1.84	13.53	3.58	8.79	14.67	4.61	8.20	4.35
1992	16.09	17.17	2.17	13.02	3.92	9.09	16.38	5.22	7.76	4.95
1993	16.51	16.55	2.40	12.49	4.29	8.82	19.21	5.64	8.85	5.25
1994	16.87	15.88	2.47	14.12	4.61	9.19	21.35	6.40	8.76	6.29
1995	17.19	16.10	1.51	15.27	4.82	10.54	23.82	7.29	9.91	7.33
1996	17.70	16.64	1.54	16.88	5.14	11.32	21.00	8.22	10.81	8.32
1997	18.27	16.47	1.78	16.58	5.42	12.04	19.54	7.86	10.81	8.24
1998	18.66	15.60	1.84	14.92	5.47	12.02	18.29	5.39	9.01	7.77
1999	19.20	15.60	2.12	15.89	5.44	11.91	20.89	6.71	9.14	7.18
	Sri Lanka	Taiwan	Austria ³	Belgium	Denmark	Finland ⁴	France	Germany ⁵	Greece	Ireland
1975	\$0.28	\$0.40	\$4.51	\$6.41	\$6.28	\$4.61	\$4.52	\$6.31	\$1.69	\$3.03
1976 .....	.24	.46	4.78	6.90	6.63	5.19	4.70	6.68	1.92	2.86
1977 .....	.32	.53	5.67	8.29	7.25	5.58	5.21	7.81	2.29	3.12
1978 .....	.26	.62	6.91	10.14	8.98	5.88	6.43	9.58	2.84	3.97
1979 .....	.23	.79	7.96	11.82	10.53	7.51	7.69	11.21	3.37	4.85
1980 .....	.22	1.00	8.88	13.11	10.83	8.24	8.94	12.25	3.73	5.95
1981 .....	.21	1.21	7.78	11.31	9.41	8.04	8.02	10.45	3.66	5.59
1982 .....	.24	1.24	7.78	9.49	8.87	8.03	7.85	10.28	4.12	5.71
1983 .....	.25	1.29	7.81	9.08	8.69	7.54	7.74	10.19	3.78	5.67
1984 .....	.25	1.42	7.35	8.63	8.03	7.77	7.29	9.37	3.74	5.59
1985 .....	.28	1.50	7.58	8.97	8.13	8.16	7.52	9.53	3.66	5.92
1986 .....	.29	1.73	10.73	12.43	11.07	10.71	10.28	13.34	4.07	8.02
1987 .....	.30	2.26	13.67	15.25	14.61	13.44	12.29	16.91	4.61	9.31
1988 .....	.31	2.81	14.52	15.82	15.19	15.70	12.95	18.16	5.22	10.00
1989 .....	.31	3.52	14.16	15.48	14.53	16.85	12.65	17.66	5.49	9.61
1990 .....	.35	3.93	17.75	19.17	18.04	21.03	15.49	21.88	6.76	11.66
1991 .....	.40	4.36	18.09	19.75	18.39	21.25	15.65	22.63	6.95	11.91
1992 .....	.40	5.09	20.29	22.05	20.20	19.92	17.47	25.38	7.60	13.12
1993 .....	.42	5.24	20.16	21.44	19.11	16.63	16.79	25.19	7.23	11.90
1994 .....	.45	5.56	21.55	23.07	20.30	19.06	17.63	26.70	7.73	12.42
1995 .....	.48	5.94	25.32	26.65	24.07	24.10	20.01	31.58	9.17	13.61
1996 .....	.48	5.95	24.80	25.97	24.11	23.41	19.93	31.20	9.59	13.91
1997 .....	.46	5.90	21.97	22.88	22.03	21.32	17.99	27.68	9.20	13.61
1998 .....	.47	5.27	22.21	23.20	22.69	21.66	18.28	27.52	8.91	13.39
1999	—	5.62	21.83	22.82	22.96	21.10	17.98	26.93	—	13.57

See footnotes at end of table.

Table 61. Hourly compensation costs in U.S. dollars for production workers in manufacturing, 29 countries or areas, 1975-99—Continued

Year	Italy	Luxem- bourg	Nether- lands	Norway	Portugal	Spain	Sweden	Switzer- land	United King- dom
1975	\$4.67	\$6.50	\$6.58	\$6.77	\$1.58	\$2.53	\$7.18	\$6.09	\$3.37
1976	4.34	6.99	6.90	7.52	1.66	2.86	8.25	6.45	3.21
1977	4.99	8.06	8.02	8.56	1.58	3.18	8.88	6.88	3.45
1978	5.83	9.86	9.98	9.51	1.63	3.88	9.65	9.59	4.41
1979	7.06	11.12	11.41	10.28	1.68	5.31	11.33	10.56	5.70
1980	8.15	12.03	12.06	11.59	2.06	5.89	12.51	11.09	7.56
1981	7.57	9.85	9.91	11.01	2.04	5.55	11.80	10.14	7.31
1982	7.44	8.61	9.78	10.83	1.88	5.28	10.07	10.42	6.92
1983	7.70	8.15	9.49	10.32	1.62	4.56	8.89	10.46	6.49
1984	7.35	7.79	8.70	10.07	1.45	4.47	9.17	9.64	6.04
1985	7.63	7.81	8.75	10.37	1.53	4.66	9.66	9.66	6.27
1986	10.47	10.86	12.22	13.24	2.08	6.25	12.43	13.76	7.66
1987	13.02	13.35	15.14	16.79	2.52	7.63	15.12	17.08	9.09
1988	13.98	14.22	15.83	18.45	2.78	8.55	16.82	18.01	10.61
1989	14.40	13.92	15.00	18.29	2.97	8.96	17.52	16.73	10.56
1990	17.45	16.74	18.06	21.47	3.77	11.38	20.93	20.86	12.70
1991	18.32	17.14	18.13	21.63	4.24	12.29	22.15	21.69	13.74
1992	19.35	19.10	20.10	23.03	5.17	13.50	24.59	23.23	14.37
1993	15.80	18.74	19.94	20.21	4.50	11.62	17.59	22.63	12.41
1994	15.89	20.33	20.73	20.97	4.60	11.54	18.62	24.91	12.80
1995	16.22	23.35	24.12	24.38	5.37	12.88	21.44	29.30	13.67
1996	17.75	22.55	23.22	25.05	5.58	13.51	24.37	28.34	14.09
1997	17.57	19.02	20.98	23.72	5.38	12.24	22.22	24.19	15.47
1998	17.11	18.74	21.17	23.50	5.48	12.14	22.02	24.38	16.43
1999	16.60	—	20.94	23.91	—	12.11	21.58	23.56	16.56

¹ Production and nonproduction workers other than those in managerial, executive, professional, and higher supervisory positions.

² Hong Kong Special Administrative Region of China. Average of selected manufacturing industries.

³ Excludes handicraft manufacturers, printing and publishing, and miscellaneous manufacturing.

⁴ Including mining and electrical power plants.

⁵ Former West Germany. Excluding handicraft manufacturers.

Dash indicates data not available.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing, 12 countries, 1950-99

(Indexes: 1992=100)

Year	United States	Canada	Japan	Belgium	Denmark	France	Germany (unified)	Former West Germany	Italy	Netherlands	Norway	Sweden	United Kingdom
Output per hour													
1950 ...	—	26.6	—	—	22.6	13.2	—	13.2	11.5	11.3	24.7	19.5	25.5
1955 ...	—	32.7	8.6	—	24.6	16.6	—	19.7	16.1	14.4	28.7	21.3	27.5
1960 ...	—	38.7	13.8	18.0	29.9	21.8	—	29.2	20.2	18.6	37.0	27.3	31.1
1961 ...	—	40.8	15.6	18.2	31.6	23.1	—	30.6	21.8	19.6	38.3	28.7	31.2
1962 ...	—	44.3	16.4	19.2	33.2	24.7	—	32.8	24.1	20.4	38.3	30.9	31.9
1963 ...	—	46.2	17.7	19.9	34.3	26.0	—	34.1	24.8	21.2	40.3	32.7	33.6
1964 ...	—	48.2	20.1	21.2	37.1	28.0	—	37.1	25.0	23.1	42.6	35.5	35.8
1965 ...	—	50.3	21.0	22.3	38.9	30.0	—	39.3	27.9	24.7	45.1	38.2	36.8
1966 ...	—	51.0	23.0	23.8	40.8	32.5	—	40.9	30.3	26.3	47.0	39.8	38.1
1967 ...	—	51.5	26.0	25.1	43.8	34.5	—	43.4	31.8	28.3	48.7	43.2	39.8
1968 ...	—	54.5	29.1	27.3	47.8	38.1	—	47.0	34.3	31.8	51.7	47.2	42.7
1969 ...	—	57.4	33.4	29.9	49.8	40.5	—	50.4	35.6	34.9	56.5	50.9	43.7
1970 ...	—	56.6	37.5	32.9	52.7	43.0	—	52.0	37.9	38.1	58.3	52.2	44.7
1971 ...	—	60.0	39.8	35.1	56.3	45.5	—	54.0	38.5	40.4	60.0	54.5	46.8
1972 ...	—	62.7	43.6	39.2	60.8	47.5	—	57.4	41.7	43.6	63.1	57.2	49.4
1973 ...	—	66.2	47.6	43.5	66.9	50.9	—	61.1	45.2	48.3	66.9	61.4	53.0
1974 ...	—	67.2	48.8	45.8	69.1	52.0	—	63.2	48.1	51.9	69.5	64.0	53.9
1975 ...	—	64.7	50.2	47.6	76.1	53.8	—	65.9	46.5	51.2	68.8	65.0	52.8
1976 ...	—	70.3	53.2	52.4	78.8	57.1	—	70.6	52.9	56.8	70.5	66.0	55.0
1977 ...	68.3	74.9	55.3	55.0	80.4	60.5	—	72.7	54.0	61.4	71.5	65.0	55.5
1978 ...	69.2	76.7	57.5	58.3	81.6	63.2	—	75.2	57.5	65.4	72.8	66.8	56.3
1979 ...	70.1	75.9	62.2	61.4	85.6	66.2	—	78.4	63.0	68.6	78.1	72.0	56.7
1980 ...	70.5	75.1	63.2	65.4	90.3	66.5	—	77.2	65.9	69.2	76.7	73.1	56.1
1981 ...	74.1	77.8	65.2	70.1	91.8	68.5	—	78.7	67.4	70.8	76.5	72.7	59.0
1982 ...	76.2	77.3	67.9	73.5	92.1	73.3	—	78.8	68.6	72.1	79.7	75.4	62.2
1983 ...	80.0	82.4	68.8	81.0	96.6	75.0	—	82.6	71.8	77.8	82.4	80.9	67.1
1984 ...	83.2	90.2	71.1	85.0	96.1	76.1	—	85.4	78.4	85.4	87.4	85.2	70.7
1985 ...	86.0	92.4	76.5	87.0	96.7	79.1	—	89.1	82.6	89.0	90.2	86.2	72.3
1986 ...	86.0	90.0	76.1	87.8	91.1	80.4	—	89.6	83.8	90.8	89.0	87.5	74.8
1987 ...	92.9	90.6	80.2	88.9	90.6	81.8	—	88.1	85.7	91.6	93.3	89.2	79.4
1988 ...	96.9	90.9	83.9	92.0	94.1	87.5	—	91.5	86.7	93.7	92.2	90.5	82.3
1989 ...	95.7	93.7	88.5	96.9	99.6	91.9	—	94.6	89.4	97.1	94.6	93.2	86.1
1990 ...	96.9	95.7	94.4	96.8	99.1	93.5	—	99.0	92.5	98.6	96.6	94.6	88.3
1991 ...	97.9	95.3	99.0	99.1	99.6	96.9	99.0	101.9	95.2	99.6	97.5	95.5	92.1
1992 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993 ...	102.1	104.5	101.7	102.5	104.5	100.6	101.8	100.6	102.9	101.4	100.6	107.3	104.0
1994 ...	107.3	109.9	103.3	108.4	—	108.5	109.9	107.9	105.6	112.7	101.4	119.4	106.8
1995 ...	113.8	111.0	111.0	113.2	—	114.5	112.8	111.2	109.3	117.7	102.0	121.9	104.3
1996 ...	117.0	109.5	116.1	117.1	—	115.0	115.3	115.1	109.5	119.7	102.0	124.5	102.3
1997 ...	121.2	112.8	121.0	126.8	—	122.6	121.0	121.8	111.5	121.9	103.0	132.9	103.0
1998 ...	126.8	112.5	121.2	128.8	—	124.0	121.0	127.1	111.1	124.6	103.9	136.7	102.9
1999 ...	135.1	115.2	125.8	128.9	—	128.9	122.4	—	112.9	127.3	103.9	140.8	107.5

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing, 12 countries, 1950-99—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany (unified)	Former West Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Hourly compensation in national currency													
1950 ...	8.7	5.4	—	—	2.5	1.6	—	3.4	0.8	3.1	2.2	1.9	1.6
1955 ...	11.7	7.7	3.1	—	3.4	2.8	—	5.0	1.2	4.5	3.4	2.9	2.3
1960 ...	14.9	9.9	4.3	5.4	4.6	4.3	—	8.1	1.6	6.4	4.7	4.1	3.1
1961 ...	15.3	10.2	5.0	5.7	5.2	4.7	—	9.1	1.8	7.3	5.2	4.5	3.3
1962 ...	15.9	10.6	5.7	6.2	5.6	5.2	—	10.3	2.1	7.8	5.7	5.0	3.4
1963 ...	16.4	11.0	6.4	6.8	6.1	5.7	—	11.0	2.5	8.6	6.1	5.5	3.6
1964 ...	17.0	11.5	7.2	7.7	6.6	6.2	—	11.9	2.6	9.9	6.5	6.0	3.8
1965 ...	17.4	12.2	8.1	8.5	7.4	6.7	—	13.1	2.8	11.1	7.2	6.6	4.2
1966 ...	18.2	13.1	8.9	9.4	8.4	7.1	—	14.2	3.0	12.5	7.8	7.3	4.5
1967 ...	19.2	13.7	10.0	10.3	9.4	7.6	—	15.0	3.3	13.8	8.8	8.1	4.7
1968 ...	20.7	14.7	11.6	11.0	10.3	8.6	—	16.1	3.5	15.4	9.6	8.8	5.0
1969 ...	22.2	15.9	13.8	12.1	11.6	9.2	—	17.6	3.9	17.4	10.6	9.6	5.5
1970 ...	23.7	17.0	16.4	13.7	13.3	10.3	—	20.7	4.7	20.2	11.8	10.7	6.3
1971 ...	25.2	18.1	19.0	15.9	15.2	11.6	—	23.2	5.4	23.1	13.5	12.1	7.2
1972 ...	26.5	19.4	21.9	18.8	16.9	12.8	—	25.6	6.1	26.5	15.2	13.5	8.3
1973 ...	28.5	21.1	26.7	22.3	20.5	14.7	—	29.0	7.2	31.6	17.1	15.2	9.5
1974 ...	31.6	24.6	35.0	27.4	24.8	17.4	—	33.0	9.3	37.7	20.1	17.9	11.4
1975 ...	35.5	28.2	40.8	33.1	29.6	21.3	—	36.4	11.8	43.1	24.0	21.9	15.1
1976 ...	38.4	32.4	43.9	38.3	33.0	24.4	—	39.1	14.6	48.1	27.7	25.7	17.6
1977 ...	41.8	36.0	48.5	41.4	36.5	27.7	—	42.8	17.3	52.5	31.1	28.1	19.8
1978 ...	45.2	38.7	51.7	44.4	40.2	31.2	—	45.9	20.0	56.8	34.1	31.1	23.1
1979 ...	49.6	42.6	55.0	47.2	45.0	35.4	—	49.3	24.2	61.1	35.8	33.5	27.5
1980 ...	55.6	47.4	58.5	52.5	49.6	40.8	—	53.6	28.4	64.4	39.0	37.3	33.2
1981 ...	61.1	53.7	62.6	57.3	54.6	47.2	—	57.0	34.3	67.4	43.3	41.2	38.5
1982 ...	67.0	60.9	65.7	59.9	59.5	56.1	—	60.4	40.4	71.5	48.2	44.2	42.4
1983 ...	68.8	65.2	67.5	65.7	63.6	61.9	—	63.1	47.2	74.9	52.9	49.0	45.5
1984 ...	71.2	68.9	69.5	71.4	67.2	67.2	—	66.0	54.1	77.7	57.9	53.2	49.1
1985 ...	75.1	71.8	72.4	75.3	71.7	72.8	—	70.0	60.8	81.8	63.4	58.6	53.1
1986 ...	78.5	72.8	76.0	77.3	73.2	75.8	—	72.8	63.3	85.0	69.1	63.4	57.6
1987 ...	80.7	74.6	77.8	79.7	80.1	78.6	—	76.0	66.8	87.8	78.4	67.6	64.8
1988 ...	84.0	77.4	79.1	81.1	82.9	81.6	—	79.1	69.3	87.7	83.3	71.8	67.7
1989 ...	86.6	82.5	84.0	85.9	87.7	86.0	—	83.2	75.9	88.5	87.2	79.4	72.9
1990 ...	90.8	88.3	90.5	90.1	92.7	90.6	—	89.4	84.4	90.8	92.3	87.8	80.9
1991 ...	95.6	95.0	96.4	97.3	95.9	96.2	92.2	95.1	93.6	95.2	97.5	95.5	90.5
1992 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993 ...	102.7	102.0	102.8	104.8	104.6	103.0	106.4	105.9	107.5	103.7	101.5	97.1	104.3
1994 ...	105.6	103.7	104.9	106.1	—	105.6	112.0	111.7	107.8	108.2	104.4	99.8	106.5
1995 ...	107.9	106.0	108.3	109.2	—	108.4	118.2	117.7	112.8	110.6	109.2	106.3	107.0
1996 ...	109.3	105.1	109.2	110.9	—	110.2	123.8	123.7	120.3	113.2	113.6	114.1	107.1
1997 ...	111.4	108.2	112.9	114.7	—	113.0	126.3	126.6	125.4	116.2	118.7	119.1	110.3
1998 ...	117.3	111.2	115.8	116.4	—	114.9	127.5	127.6	123.0	119.8	126.2	124.1	114.6
1999 ...	122.0	113.0	115.5	116.8	—	119.3	129.6	—	126.5	123.5	133.4	127.1	119.7

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing, 12 countries, 1950-99—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany (unified)	Former West Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Hourly compensation in U.S. dollars													
1950 ...	8.7	6.0	—	—	2.2	2.4	—	1.3	1.7	1.4	1.9	2.1	2.5
1955 ...	11.7	9.4	1.1	—	3.0	4.3	—	1.9	2.4	2.1	2.9	3.3	3.6
1960 ...	14.9	12.4	1.5	3.5	4.0	4.6	—	3.0	3.2	3.0	4.1	4.6	4.9
1961 ...	15.3	12.2	1.8	3.7	4.5	5.1	—	3.5	3.5	3.5	4.5	5.0	5.2
1962 ...	15.9	12.0	2.0	4.0	4.9	5.6	—	4.0	4.1	3.8	5.0	5.6	5.5
1963 ...	16.4	12.3	2.2	4.4	5.4	6.1	—	4.3	4.9	4.2	5.3	6.2	5.7
1964 ...	17.0	12.9	2.5	5.0	5.8	6.6	—	4.7	5.2	4.8	5.6	6.8	6.1
1965 ...	17.4	13.6	2.8	5.5	6.4	7.2	—	5.1	5.5	5.4	6.2	7.5	6.6
1966 ...	18.2	14.6	3.1	6.1	7.3	7.6	—	5.5	5.9	6.1	6.8	8.2	7.2
1967 ...	19.2	15.4	3.5	6.7	8.1	8.2	—	5.9	6.5	6.7	7.6	9.1	7.3
1968 ...	20.7	16.5	4.1	7.1	8.3	9.2	—	6.3	7.0	7.5	8.4	9.9	6.8
1969 ...	22.2	17.8	4.9	7.7	9.3	9.4	—	7.0	7.6	8.5	9.3	10.8	7.4
1970 ...	23.7	19.7	5.8	8.9	10.7	9.9	—	8.9	9.2	9.8	10.3	12.0	8.6
1971 ...	25.2	21.7	6.9	10.5	12.4	11.1	—	10.4	10.8	11.6	11.9	13.8	10.0
1972 ...	26.5	23.7	9.1	13.7	14.7	13.4	—	12.6	12.8	14.5	14.3	16.5	11.8
1973 ...	28.5	25.5	12.5	18.5	20.5	17.5	—	17.1	15.1	20.0	18.5	20.3	13.2
1974 ...	31.6	30.3	15.2	22.6	24.6	19.2	—	19.9	17.7	24.7	22.6	23.5	15.1
1975 ...	35.5	33.5	17.4	29.0	31.1	26.3	—	23.1	22.3	30.1	28.6	30.8	19.0
1976 ...	38.4	39.8	18.8	31.9	32.9	27.0	—	24.3	21.7	32.0	31.6	34.3	17.9
1977 ...	41.8	41.0	22.9	37.1	36.7	29.8	—	28.8	24.2	37.6	36.3	36.7	19.6
1978 ...	45.2	41.0	31.4	45.4	44.1	36.7	—	35.8	29.0	46.2	40.4	40.2	25.1
1979 ...	49.6	43.9	32.0	51.7	51.6	44.0	—	42.0	35.9	53.5	43.9	45.6	33.0
1980 ...	55.6	49.0	32.7	57.7	53.2	51.1	—	46.1	40.8	57.0	49.0	51.4	43.7
1981 ...	61.1	54.1	36.0	49.5	46.2	46.0	—	39.3	37.1	47.4	46.9	47.4	44.1
1982 ...	67.0	59.6	33.4	42.1	43.0	45.1	—	38.8	36.8	47.1	46.4	41.0	42.0
1983 ...	68.8	63.9	36.0	41.3	42.0	43.0	—	38.6	38.2	46.1	45.0	37.2	39.0
1984 ...	71.2	64.3	37.1	39.7	39.2	40.7	—	36.3	37.9	42.6	44.1	37.5	37.2
1985 ...	75.1	63.5	38.5	40.8	40.9	42.9	—	37.2	39.2	43.3	45.8	39.7	39.0
1986 ...	78.5	63.3	57.2	55.6	54.6	57.9	—	52.4	52.3	61.1	58.0	51.8	47.8
1987 ...	80.7	68.0	68.2	68.6	70.6	69.2	—	66.0	63.5	76.2	72.3	62.1	60.2
1988 ...	84.0	76.0	78.2	70.9	74.3	72.5	—	70.4	65.5	78.0	79.3	68.2	68.3
1989 ...	86.6	84.1	77.1	70.1	72.3	71.4	—	69.1	68.1	73.4	78.4	71.6	67.7
1990 ...	90.8	91.5	79.1	86.6	90.4	88.0	—	86.4	86.8	87.7	91.7	86.4	81.7
1991 ...	95.6	100.1	90.8	91.5	90.5	90.2	86.7	89.4	92.9	89.4	93.3	91.9	90.5
1992 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993 ...	102.7	95.5	117.3	97.4	97.4	96.2	100.4	100.0	84.2	98.1	88.8	72.6	88.7
1994 ...	105.6	91.7	130.1	102.1	—	100.8	107.8	107.6	82.4	104.6	91.9	75.3	92.4
1995 ...	107.9	93.3	146.2	119.1	—	115.1	128.9	128.3	85.3	121.2	107.1	86.7	95.6
1996 ...	109.3	93.1	127.2	115.1	—	114.1	128.5	128.4	96.1	118.0	109.3	99.1	94.7
1997 ...	111.4	94.4	118.3	103.0	—	102.5	113.7	114.0	90.7	104.6	104.1	90.7	102.3
1998 ...	117.3	90.6	112.0	103.0	—	103.1	113.1	113.3	87.3	106.2	103.8	90.9	107.5
1999 ...	122.0	91.9	128.8	99.2	—	102.6	110.3	—	85.8	105.0	106.2	89.5	109.6

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing, 12 countries, 1950-99—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany (unified)	Former West Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Unit labor costs in national currency													
1950 ...	—	20.3	—	—	11.0	12.2	—	25.5	7.3	27.5	8.9	9.5	6.3
1955 ...	—	23.5	36.4	—	13.8	17.0	—	25.4	7.5	31.3	11.7	13.8	8.3
1960 ...	—	25.6	31.3	30.1	15.4	19.5	—	27.8	7.9	34.4	12.8	15.0	9.8
1961 ...	—	25.0	32.1	31.5	16.3	20.3	—	29.7	8.1	37.1	13.5	15.6	10.5
1962 ...	—	23.9	34.9	32.1	17.0	21.1	—	31.5	8.6	38.2	14.9	16.2	10.8
1963 ...	—	23.8	36.1	34.2	17.9	21.8	—	32.2	9.9	40.4	15.1	16.9	10.7
1964 ...	—	23.8	35.8	36.3	17.9	22.0	—	32.1	10.5	42.9	15.2	16.9	10.7
1965 ...	—	24.2	38.7	38.3	18.9	22.3	—	33.3	10.1	45.1	15.9	17.4	11.4
1966 ...	—	25.6	38.9	39.6	20.5	21.8	—	34.7	9.9	47.3	16.7	18.2	11.9
1967 ...	—	26.7	38.5	40.9	21.4	22.1	—	34.5	10.4	48.8	18.0	18.7	11.7
1968 ...	—	26.9	40.0	40.3	21.6	22.6	—	34.3	10.2	48.4	18.7	18.5	11.7
1969 ...	—	27.6	41.4	40.4	23.4	22.7	—	35.0	10.9	50.0	18.8	18.8	12.5
1970 ...	—	30.1	43.8	41.7	25.2	24.0	—	39.8	12.4	52.9	20.3	20.6	14.1
1971 ...	—	30.2	47.8	45.2	27.1	25.5	—	42.9	14.1	57.1	22.5	22.2	15.4
1972 ...	—	31.0	50.1	47.9	27.8	26.9	—	44.7	14.6	60.8	24.1	23.6	16.8
1973 ...	—	32.0	56.2	51.2	30.6	28.8	—	47.5	15.8	65.3	25.5	24.8	17.9
1974 ...	—	36.6	71.8	59.9	35.9	33.5	—	52.1	19.4	72.7	28.9	27.9	21.1
1975 ...	—	43.6	81.3	69.5	38.9	39.5	—	55.2	25.4	84.3	34.8	33.7	28.7
1976 ...	—	46.2	82.6	73.1	41.8	42.7	—	55.4	27.7	84.8	39.3	38.9	31.9
1977 ...	61.2	48.1	87.6	75.3	45.4	45.8	—	58.8	32.1	85.5	43.5	43.3	35.7
1978 ...	65.3	50.5	89.8	76.1	49.3	49.4	—	61.1	34.7	86.8	46.8	46.6	41.1
1979 ...	70.7	56.0	88.4	76.8	52.5	53.5	—	62.9	38.4	89.0	45.8	46.6	48.5
1980 ...	78.8	63.2	92.5	80.3	55.0	61.3	—	69.4	43.1	93.0	50.8	51.0	59.1
1981 ...	82.4	69.0	96.0	81.7	59.5	69.0	—	72.4	50.9	95.1	56.6	56.6	65.3
1982 ...	87.9	78.8	96.7	81.5	64.6	76.5	—	76.7	58.9	99.2	60.5	58.7	68.2
1983 ...	86.0	79.0	98.0	81.1	65.8	82.6	—	76.4	65.7	96.2	64.2	60.7	67.8
1984 ...	85.6	76.3	97.7	84.0	69.9	88.2	—	77.3	68.9	90.9	66.3	62.5	69.4
1985 ...	87.3	77.7	94.6	86.5	74.2	92.0	—	78.6	73.5	91.8	70.2	68.0	73.5
1986 ...	91.2	81.0	99.9	88.0	80.4	94.3	—	81.2	75.6	93.7	77.7	72.4	77.0
1987 ...	86.9	82.4	97.0	89.7	88.4	96.1	—	86.3	78.0	95.9	84.1	75.8	81.6
1988 ...	86.7	85.2	94.3	88.1	88.2	93.3	—	86.5	79.9	93.6	90.4	79.4	82.3
1989 ...	90.5	88.0	94.9	88.7	88.1	93.6	—	87.9	84.9	91.1	92.2	85.1	84.7
1990 ...	93.7	92.3	95.9	93.0	93.6	96.8	—	90.3	91.3	92.1	95.6	92.9	91.7
1991 ...	97.6	99.7	97.4	98.1	96.3	99.3	93.1	93.3	98.4	95.5	100.0	100.0	98.2
1992 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993 ...	100.6	97.6	101.1	102.3	100.1	102.4	104.5	105.3	104.4	102.3	100.9	90.5	100.3
1994 ...	98.5	94.3	101.5	97.9	93.0	97.3	101.9	103.6	102.1	96.0	102.9	83.5	99.7
1995 ...	94.8	95.5	97.6	96.4	93.8	94.7	104.7	105.9	103.2	94.0	107.0	87.2	102.6
1996 ...	93.5	95.9	94.0	94.7	100.9	95.9	107.4	107.5	109.9	94.5	111.4	91.7	104.8
1997 ...	91.9	95.9	93.3	90.5	102.0	92.2	104.4	103.9	112.4	95.3	115.2	89.6	107.1
1998 ...	92.5	98.8	95.5	90.3	102.8	92.7	105.3	100.4	110.8	96.1	121.5	90.8	111.4
1999 ...	90.3	98.1	91.8	90.6	108.9	92.6	105.9	—	112.0	97.0	128.4	90.3	111.4

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing, 12 countries, 1950-99—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany (unified)	Former West Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
	Unit labor costs in U.S. dollars												
1950 ...	—	22.5	—	—	9.6	18.5	—	9.5	14.4	12.7	7.8	10.7	10.0
1955 ...	—	28.8	12.8	—	12.0	25.7	—	9.4	14.8	14.5	10.2	15.5	13.2
1960 ...	—	32.0	11.0	19.4	13.5	21.1	—	10.4	15.6	16.0	11.2	16.9	15.6
1961 ...	—	29.8	11.3	20.3	14.3	21.9	—	11.6	16.0	18.0	11.8	17.6	16.7
1962 ...	—	27.0	12.3	20.7	14.9	22.8	—	12.3	17.1	18.7	12.9	18.3	17.2
1963 ...	—	26.7	12.7	22.0	15.7	23.5	—	12.6	19.7	19.8	13.1	18.9	17.0
1964 ...	—	26.7	12.5	23.5	15.6	23.7	—	12.6	20.7	20.9	13.2	19.1	17.0
1965 ...	—	27.1	13.6	24.8	16.5	24.0	—	13.0	19.9	22.0	13.8	19.6	18.0
1966 ...	—	28.7	13.6	25.6	17.9	23.5	—	13.6	19.5	23.0	14.5	20.6	18.9
1967 ...	—	29.9	13.5	26.5	18.5	23.7	—	13.5	20.5	23.8	15.6	21.1	18.3
1968 ...	—	30.2	14.1	25.9	17.4	24.2	—	13.4	20.3	23.5	16.2	20.9	15.9
1969 ...	—	31.0	14.6	25.9	18.8	23.1	—	13.9	21.3	24.3	16.4	21.1	16.9
1970 ...	—	34.8	15.5	27.0	20.3	23.0	—	17.1	24.4	25.7	17.6	23.1	19.2
1971 ...	—	36.1	17.4	29.9	22.1	24.5	—	19.3	28.1	28.8	19.9	25.3	21.3
1972 ...	—	37.8	21.0	35.0	24.1	28.2	—	21.9	30.8	33.3	22.7	28.9	23.8
1973 ...	—	38.6	26.3	42.4	30.7	34.4	—	28.0	33.5	41.3	27.6	33.1	24.8
1974 ...	—	45.2	31.2	49.5	35.6	36.9	—	31.5	36.8	47.6	32.5	36.7	28.0
1975 ...	—	51.8	34.8	60.9	40.9	48.8	—	35.1	47.9	58.7	41.5	47.4	36.1
1976 ...	—	56.6	35.3	60.9	41.8	47.3	—	34.4	41.1	56.5	44.8	52.0	32.6
1977 ...	61.2	54.7	41.5	67.6	45.7	49.3	—	39.6	44.8	61.3	50.8	56.4	35.3
1978 ...	65.3	53.5	54.6	77.8	54.1	58.1	—	47.6	50.4	70.7	55.5	60.1	44.6
1979 ...	70.7	57.8	51.3	84.2	60.3	66.5	—	53.6	57.0	78.0	56.2	63.3	58.3
1980 ...	78.8	65.3	51.8	88.3	58.9	76.8	—	59.6	62.0	82.3	63.9	70.2	77.9
1981 ...	82.4	69.5	55.2	70.6	50.4	67.1	—	49.9	55.1	66.9	61.3	65.1	74.8
1982 ...	87.9	77.2	49.2	57.2	46.7	61.6	—	49.3	53.6	65.3	58.2	54.4	67.4
1983 ...	86.0	77.5	52.3	51.0	43.4	57.4	—	46.7	53.3	59.3	54.7	46.1	58.2
1984 ...	85.6	71.2	52.2	46.8	40.8	53.5	—	42.4	48.4	49.8	50.5	44.0	52.6
1985 ...	87.3	68.7	50.3	46.9	42.3	54.2	—	41.7	47.5	48.7	50.8	46.1	54.0
1986 ...	91.2	70.4	75.2	63.4	60.0	72.1	—	58.5	62.4	67.3	65.3	59.2	64.0
1987 ...	86.9	75.1	85.0	77.2	77.9	84.6	—	74.9	74.1	83.2	77.5	69.6	75.8
1988 ...	86.7	83.6	93.2	77.0	79.0	82.9	—	76.9	75.6	83.2	86.1	75.4	83.0
1989 ...	90.5	89.8	87.1	72.3	72.6	77.6	—	73.0	76.2	75.5	82.9	76.8	78.6
1990 ...	93.7	95.6	83.8	89.5	91.3	94.1	—	87.3	93.8	88.9	95.0	91.3	92.6
1991 ...	97.6	105.1	91.7	92.3	90.8	93.1	87.6	87.8	97.6	89.8	95.7	96.3	98.3
1992 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993 ...	100.6	91.4	115.4	95.1	93.2	95.6	98.6	99.4	81.8	96.8	88.3	67.7	85.3
1994 ...	98.5	83.4	125.9	94.2	88.3	92.9	98.2	99.8	78.1	92.8	90.7	63.1	86.5
1995 ...	94.8	84.1	131.7	105.2	101.1	100.6	114.2	115.5	78.0	103.0	105.0	71.1	91.7
1996 ...	93.5	85.0	109.6	98.3	105.0	99.2	111.5	111.6	87.8	98.6	107.1	79.6	92.6
1997 ...	91.9	83.6	97.7	81.2	93.1	83.6	94.0	93.5	81.3	85.9	101.0	68.3	99.3
1998 ...	92.5	80.5	92.4	80.0	92.6	83.2	93.5	89.1	78.6	85.2	100.0	66.5	104.5
1999 ...	90.3	79.8	102.4	76.9	94.1	79.6	90.1	—	75.9	82.4	102.2	63.6	102.0

¹Compensation adjusted to include changes in employment taxes that are not compensation to employees, but are labor costs to employers.

NOTE: The data relate to employees (wage and salary earners) in Belgium, Denmark, and Italy; and to all employed persons (employees and self-employed workers) in the other countries.

Dash indicates data not available.