

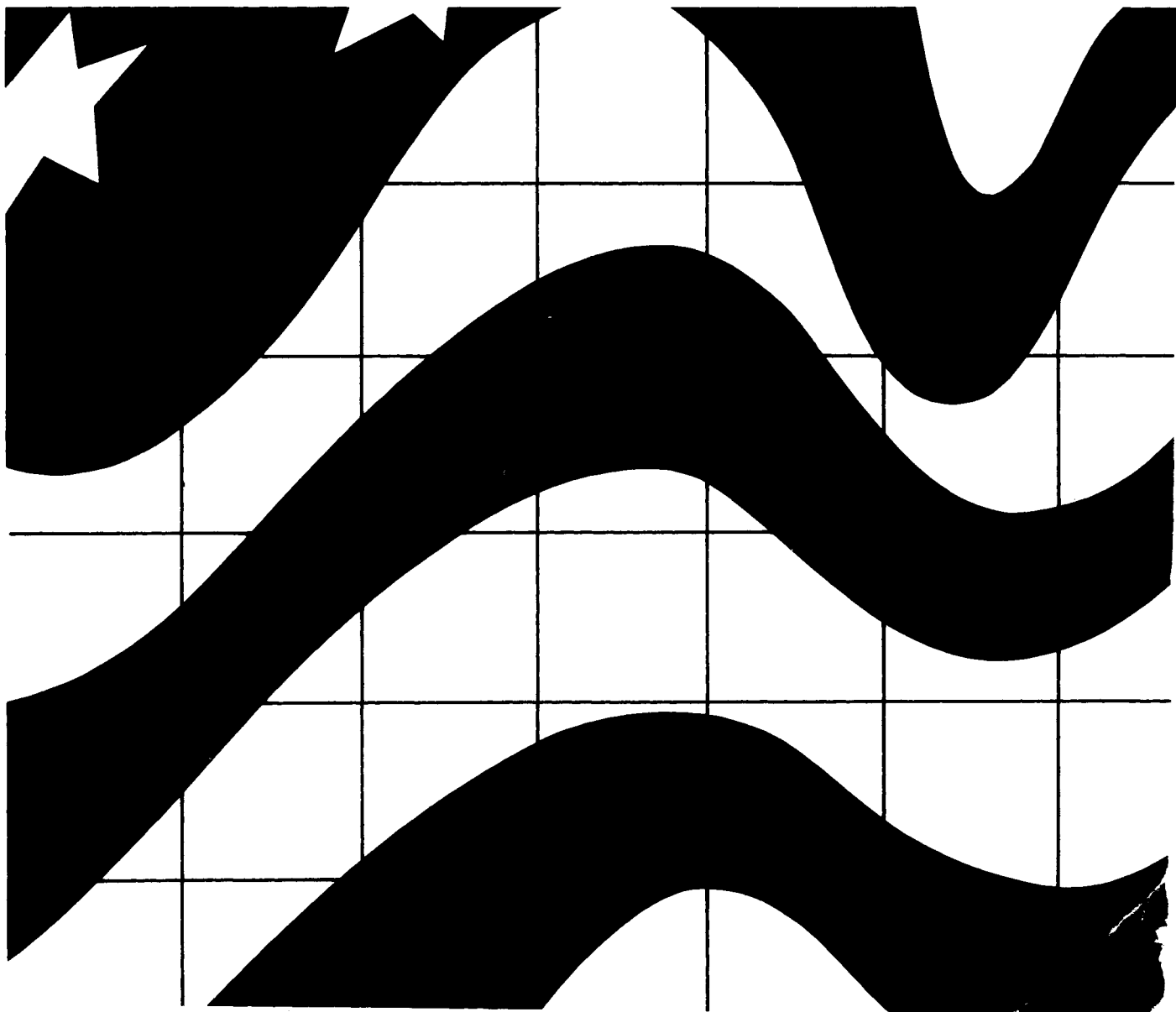
# Employment and Earnings

## July 1976



U.S. Department of Labor  
Bureau of Labor Statistics

Vol. 23 No. 1



# Employment and Earnings

Vol. 23 No. 1 July 1976

Joseph M. Finerty, Editor  
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<b>CALENDAR OF FEATURES</b>											
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Oct.	Nov.	Dec.
<b>Household data</b>											
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Revised seasonally adjusted series		x									
<b>Quarterly averages:</b>											
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Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans	x			x			x		x		
Poverty-nonpoverty area data											
<b>Establishment data</b>											
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Industry detail (final)			x								
Women employment (National)		x			x			x		x	
National data adjusted to new benchmarks									(1)		
Revised seasonally adjusted series									(1)		
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Area definitions					x						

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1975 issue marks the introduction of March 1974 benchmarks.

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# Employment and Unemployment Developments, June 1976

Unemployment rose in June, and total employment declined slightly. The Nation's overall unemployment rate was 7.5 percent, up from 7.3 percent in May and on a par with rates recorded between February and April.

Total employment—as measured by the monthly survey of households—was 200,000 below the May level. Nonagricultural payroll employment—as measured by the monthly survey of establishments—continued unchanged in June. However, both surveys have shown very large employment gains from 1975 recession lows: 3.4 million for total employment and 2.6 million for nonfarm payroll employment.

## Unemployment

The number of unemployed persons increased by 280,000 in June to 7.1 million, seasonally adjusted. The rate of unemployment for all workers in June was 7.5 percent, up from 7.3 percent in May and back to the rates that prevailed from February to April.

Unemployment among teenagers changed about in line with seasonal expectations from May to June, as the usual large numbers entered the labor force in search of jobs after the closing of schools. However, on a seasonally adjusted basis, there was an increase among adult men, whose rate of unemployment rose 0.4 percentage point to 6.0 percent. There was also a rise in unemployment among adult women, as their rate moved from 6.8 to 7.1 percent. Unemployment among heads of households, especially among male family heads, increased in June, as did the rates for married men and full-time workers. The jobless rate for black workers rose to 13.3 percent, while the rate for white workers was little changed at 6.8 percent. Over-the-month movements were generally mixed among the major industry and occupational groups, but there were large jobless rate increases for construction workers and blue-collar craft workers.

The average duration of unemployment increased by nearly 2 weeks in June to 16.9 weeks, about equal to the high reached last December. The number unemployed 27 weeks and longer rose by 130,000 in June to 1.3 million.

The number of persons working part time for economic reasons—full-time workers who are on part-time schedules due to such reasons as slack work or the inability to find full-time work—declined by 300,000 in June to 3.1 million, after fluctuating between 3.2 and 3.4 million since last summer.

## Total employment and the labor force

Total employment edged down in June, following increases totaling 1 million in the prior 2 months. The May-June change was characterized by continuing strong gains among adult women, offset by declines among teenagers and adult men. Adult female employment rose 180,000 in June to 31.8 million, 1.6 million above the level of a year earlier. Adult male employment fell 200,000 over the month but was still up 1.2 million from last June. Teenage employment declined by 170,000 in June to 7.3 million, 280,000 above a year earlier.

The total civilian labor force was essentially unchanged in June at 94.6 million. Labor force growth among adult women was offset by a decline among teenagers, as the adult male labor force was about unchanged over the month. Since June a year ago, the labor force has grown by 2.1 million workers—700,000 men, 1.3 million women, and 100,000 teenagers.

## Discouraged workers

Discouraged workers are persons who want work but are not looking for jobs because they believe they cannot find any. They do not meet the labor market test—that is, they are not engaged in active job search—and therefore are classified as not in the labor force. These data are published on a quarterly basis.

The number of discouraged workers, which had been declining since last fall, held about steady during the second quarter of 1976. At 900,000, their number was 250,000 below the third quarter 1975 peak level. Virtually all of this decrease was among those citing job market factors as the reason for their discouragement. (See table A.)

**Table A. Discouraged workers, seasonally adjusted quarterly averages**

(In thousands)

Characteristic	1974		1975				1976	
	III	IV	I	II	III	IV	I	II
Total .....	625	839	1,059	1,116	1,160	997	937	905
Job market factors <sup>1</sup> .....	422	592	839	817	947	849	630	627
Personal factors <sup>2</sup> .....	203	247	220	299	213	148	307	278

<sup>1</sup> Job market factors include "could not find job" and "thinks no job available."

<sup>2</sup> Personal factors include "employers think too young

or old," "lacks education or training," and "other personal handicap."

### Industry payroll employment

Total nonagricultural payroll employment was 79.0 million in June, seasonally adjusted, virtually the same level as in April and May. Payroll employment had grown by 2.6 million between the June 1975 recession low and April of this year. Of the 172 industries comprising the BLS diffusion index of nonagricultural payroll employment, only two-fifths posted employment gains in June, down from nearly two-thirds in the prior month.

Employment in manufacturing fell slightly in June, as it had in May. Also as in May, most of the decline took place in the nondurable goods industries. Prior to the April-June decline, factory jobs had posted a 900,000 increase from the July 1975 low. Contract construction employment was about unchanged in June at 3.4 million, a level that has prevailed since early last year.

Within the service-producing sector, small over-the-month gains took place in services, trade, and finance, insurance, and real estate. The increase in finance resulted from the settlement of a strike. Employment growth in State and local government appears to have slowed over the past 2 months.

### Hours

The average workweek for all production or non-supervisory workers on private nonfarm payrolls fell 0.2 hour in June, returning to the April level of 36.1 hours (seasonally adjusted). All industry divisions with the exception of manufacturing declined over the month. Manufacturing hours were unchanged at 40.2 hours, while factory overtime edged down 0.1 hour to 3.1 hours in June. Both the factory workweek and overtime hours have remained strong during the first half

of 1976 and were up 1.4 and 0.8 hours, respectively, over their lows reached in early 1975.

Due largely to the decline in average hours, the index of aggregate hours of private nonagricultural production or nonsupervisory workers fell by 0.6 percent to 110.7 (1967=100). The aggregate factory index also dropped, by 0.7 percent to 93.9 in June. Since the March 1975 low, however, the index of factory hours has risen by 8.7 percent.

### Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls were unchanged from the May level of \$4.83 (seasonally adjusted), but were up 7.1 percent over the last 12 months. Reflecting the drop in weekly hours, average weekly earnings fell 0.6 percent over the month. Since June a year ago, however, weekly earnings have risen by 7.4 percent.

Before adjustment for seasonality, average hourly earnings went up by 1 cent to \$4.83. Since last June, actual hourly earnings have increased by 32 cents. Weekly earnings in June averaged \$175.81, an increase of \$1.33 from May and \$12.10 over the year.

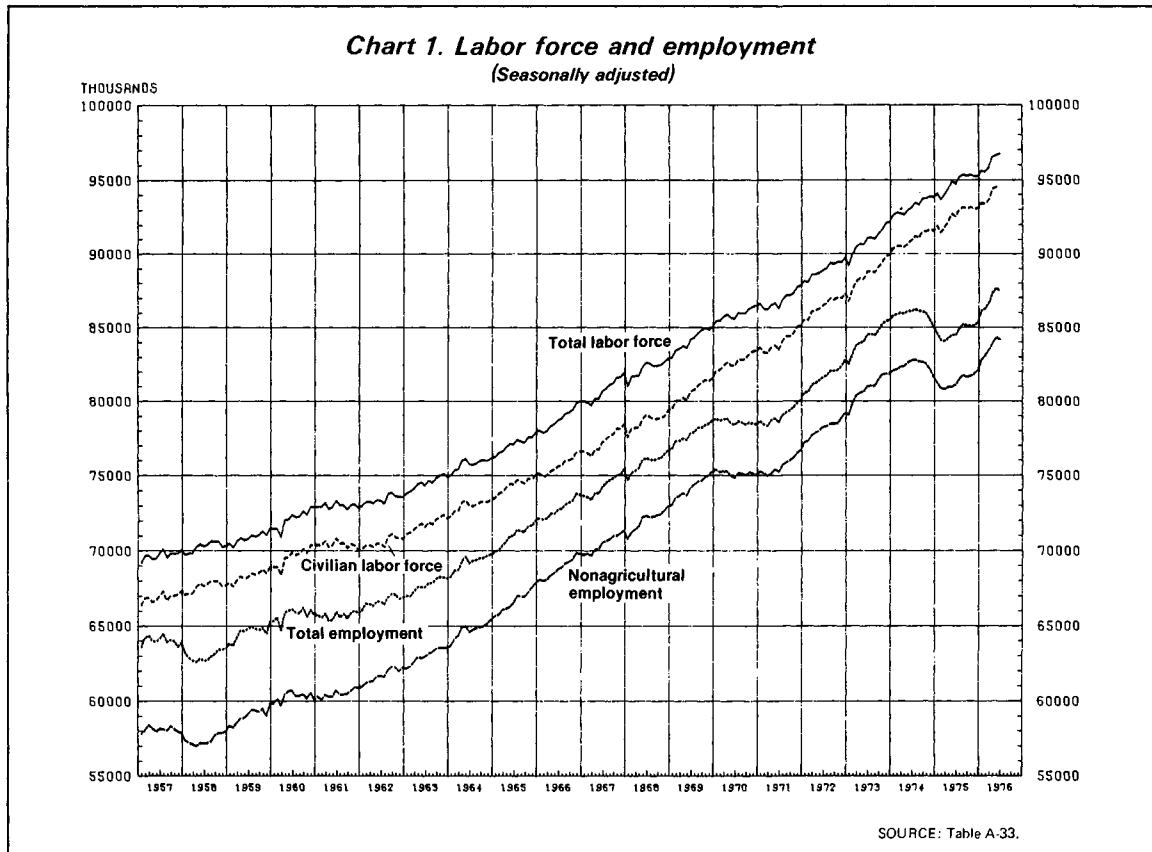
### The hourly earnings index

The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 184.2 (1967=100) in June, 0.3 percent higher than in May. The index was 7.0 percent above June a year ago. During the 12-month period ended in May, the Hourly Earnings Index in dollars of constant purchasing power rose 1.5 percent.

# CHARTS

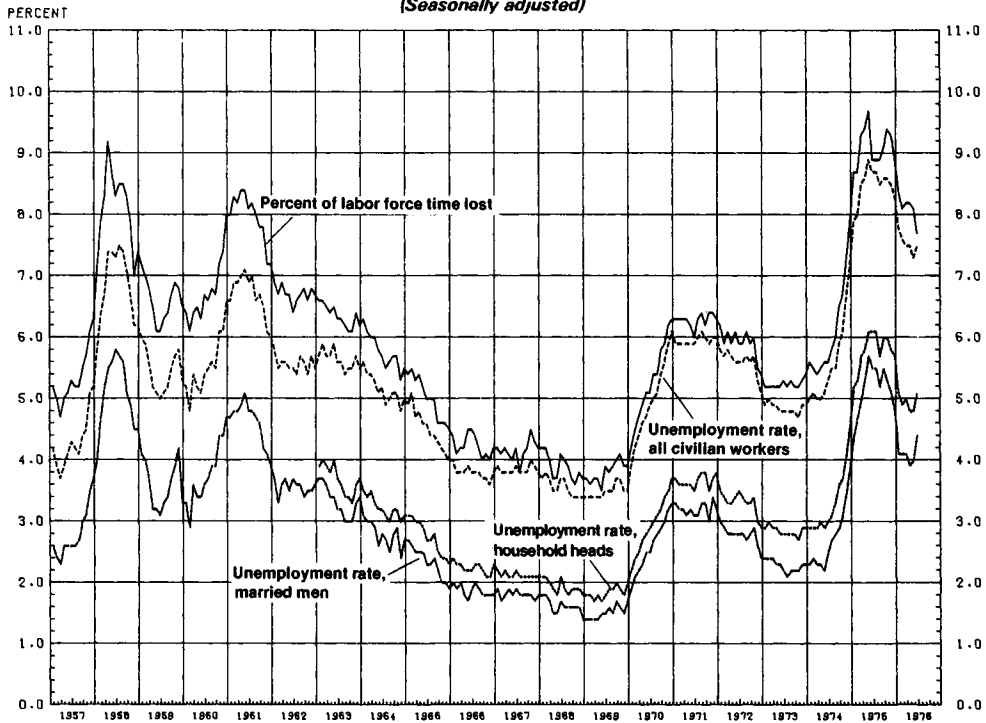
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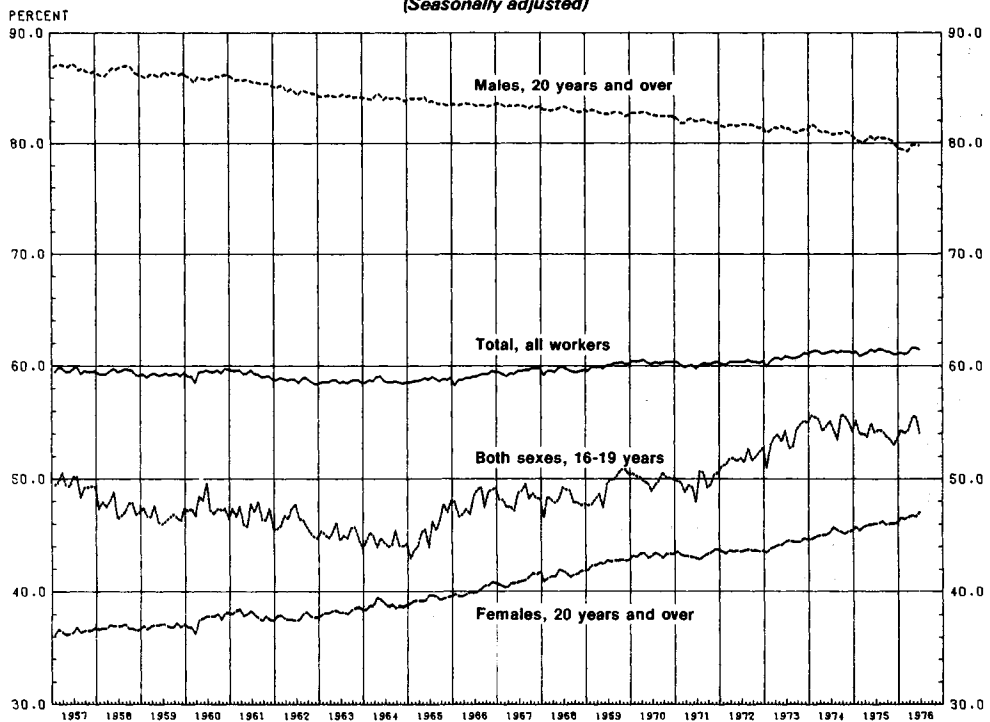


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



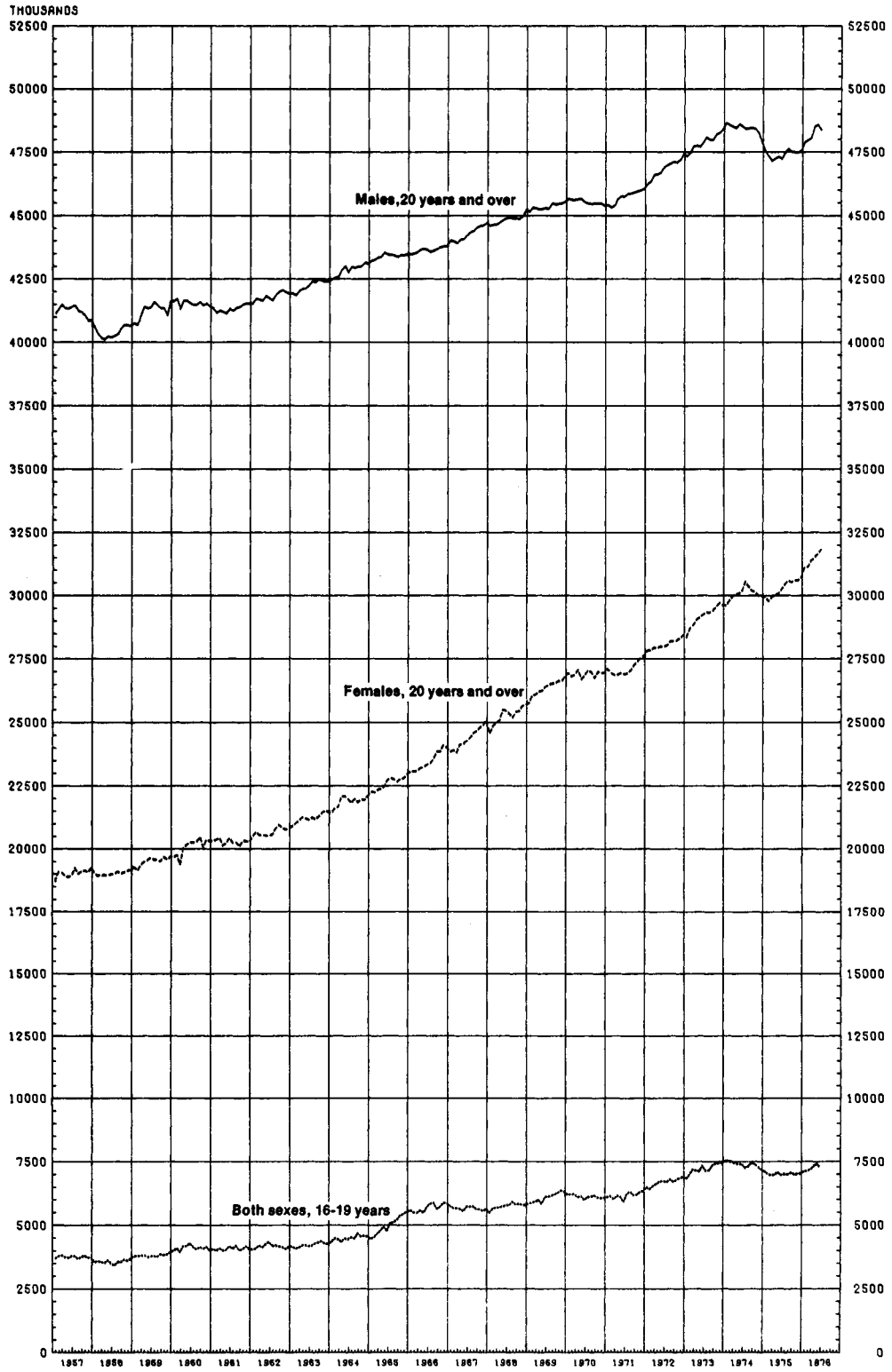
SOURCE: Table A-36.

**Chart 3. Civilian labor force participation rates by sex and age**  
(Seasonally adjusted)



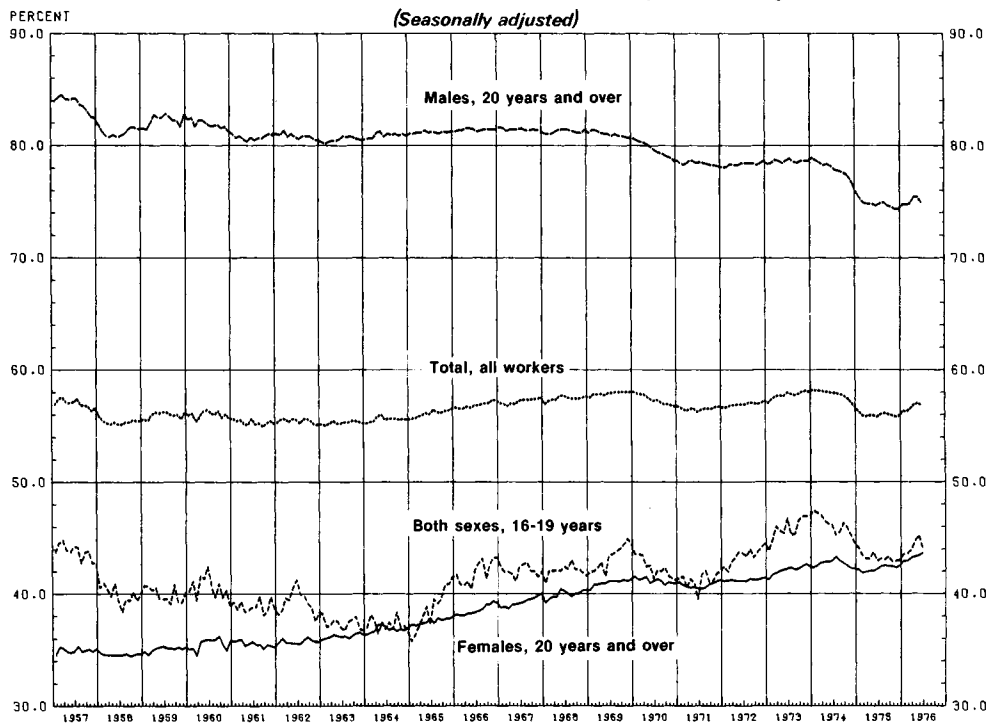
SOURCE: Table A-33.

**Chart 4. Total employment by sex and age**  
(Seasonally adjusted)



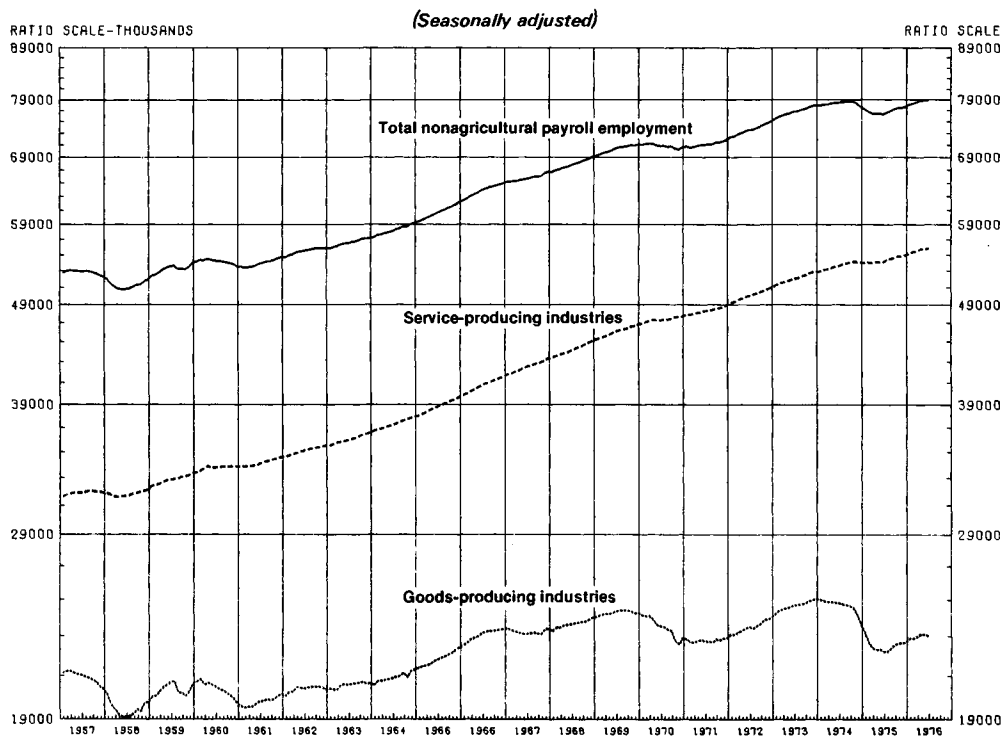
SOURCE: Table A-33.

**Chart 5. Employment—population ratios by sex and age**



SOURCE: Table A-33.

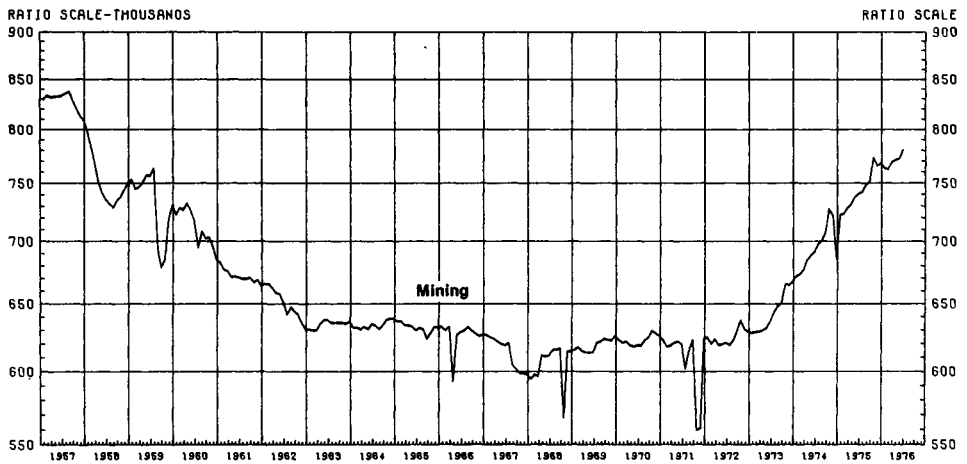
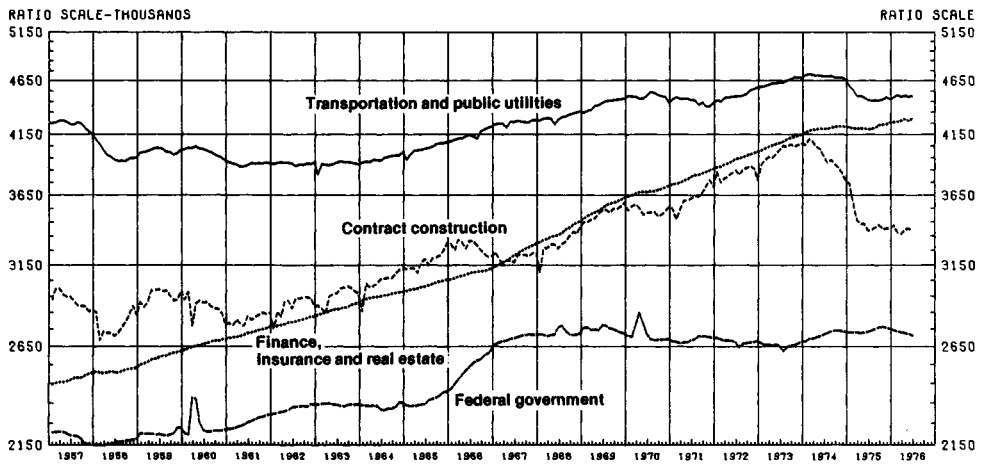
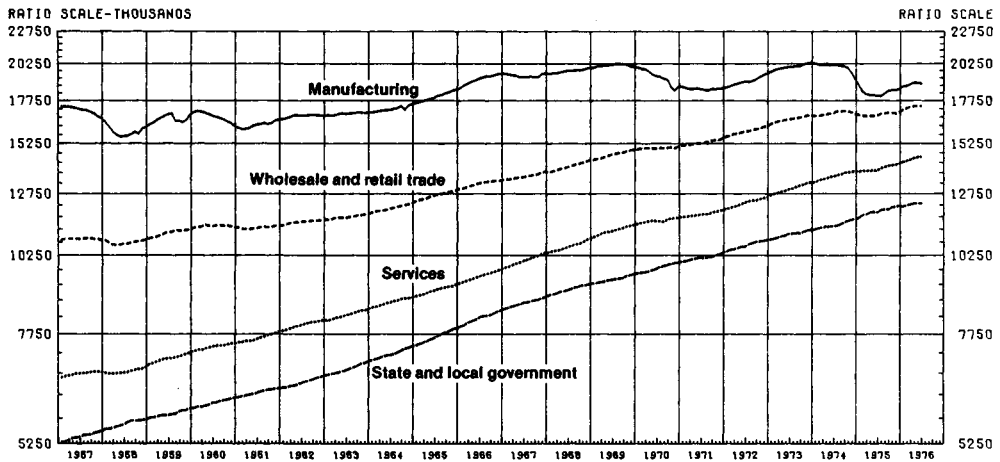
**Chart 6. Payroll employment in goods- and service-producing industries**



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

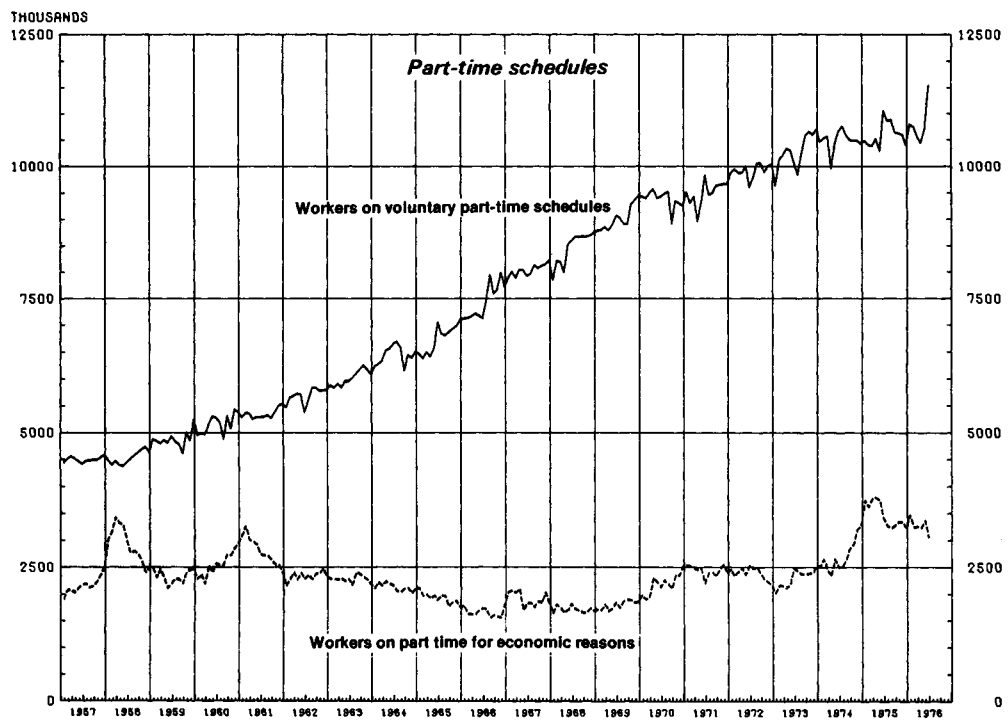
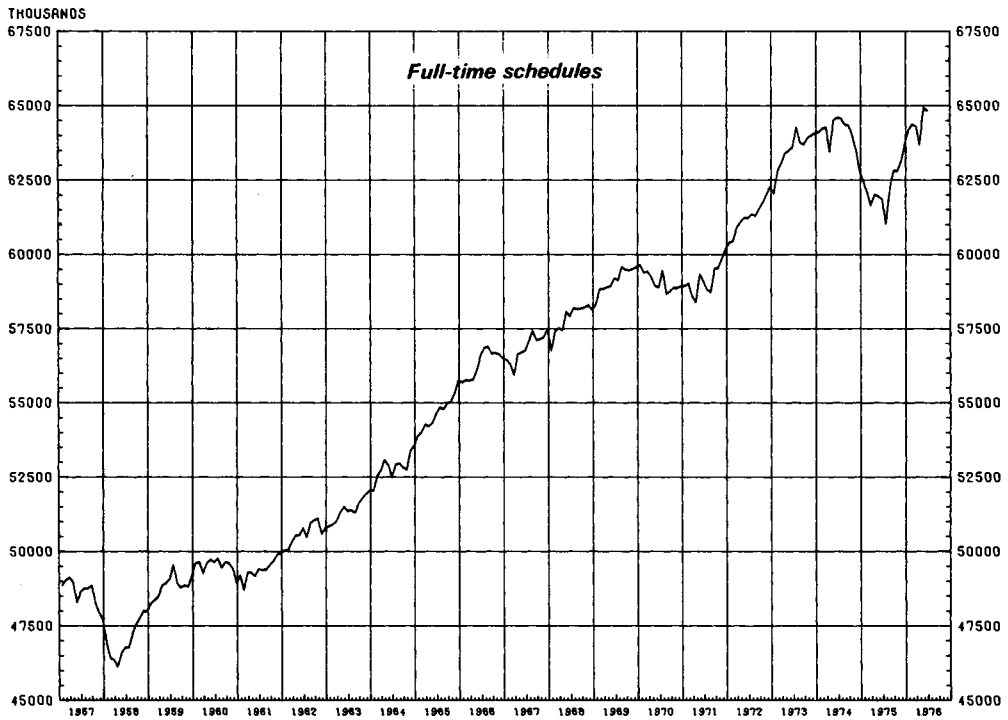
**Chart 7. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

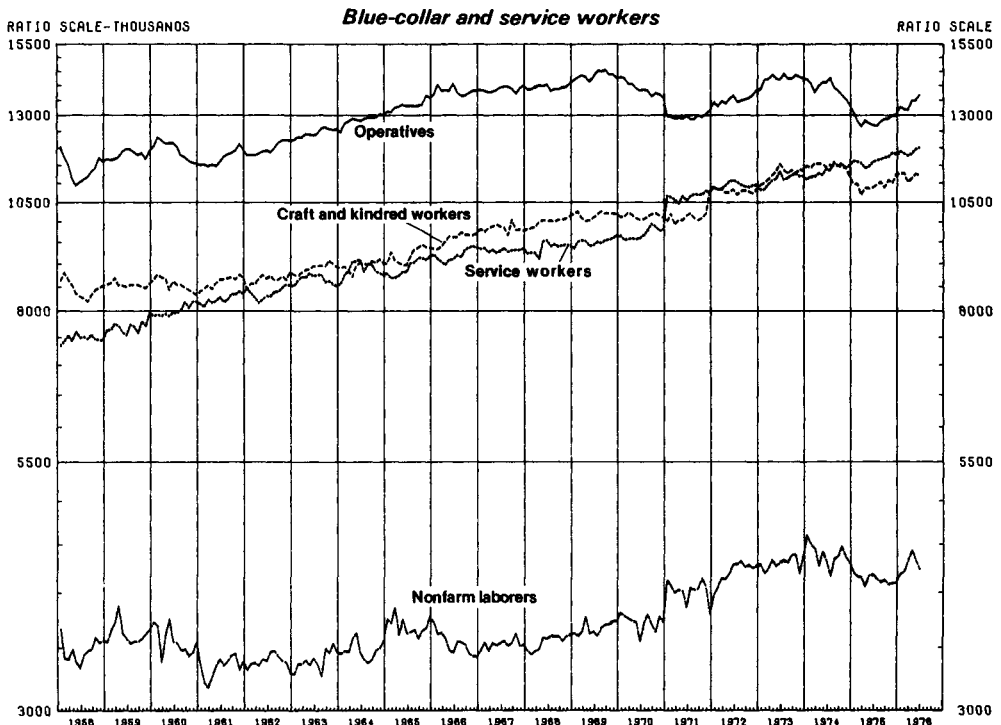
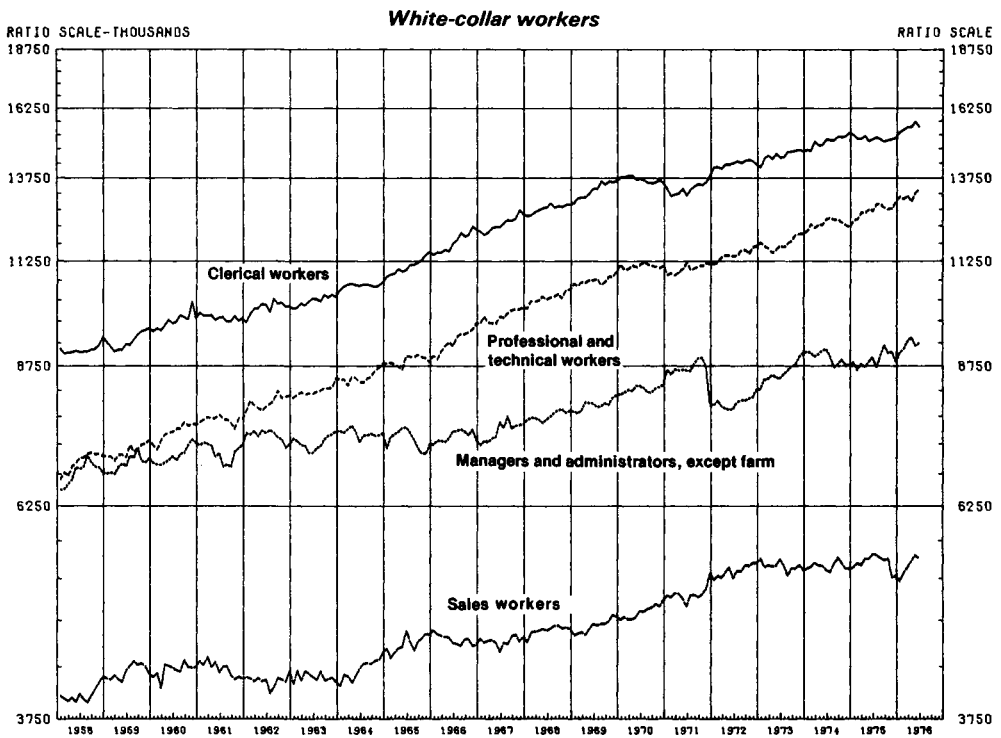
**Chart 8. Persons at work full and part time  
in nonagricultural industries**  
(Seasonally adjusted)



SOURCE: Table A-41.

### Chart 9. Employment in nonfarm occupations

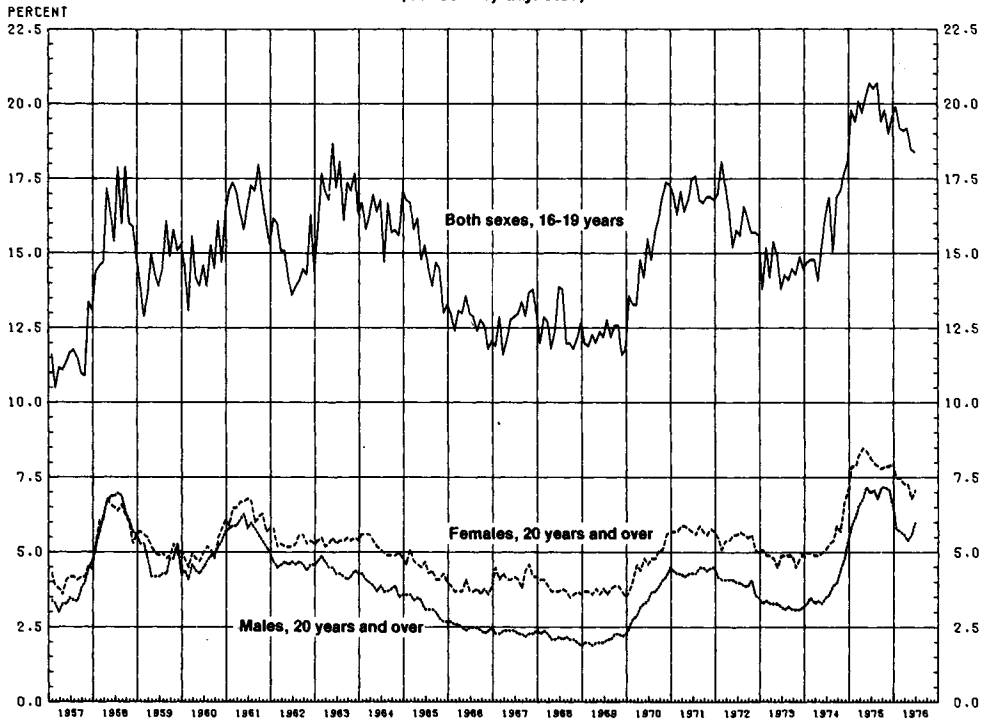
(Seasonally adjusted)



NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

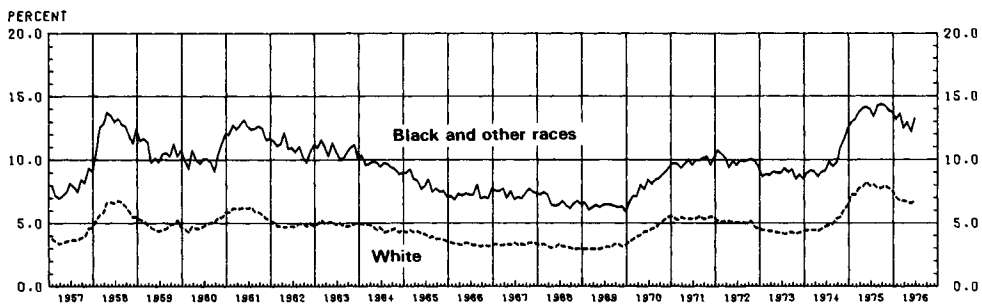
SOURCE: Table A-41.

**Chart 10. Unemployment rates by sex and age**  
(Seasonally adjusted)

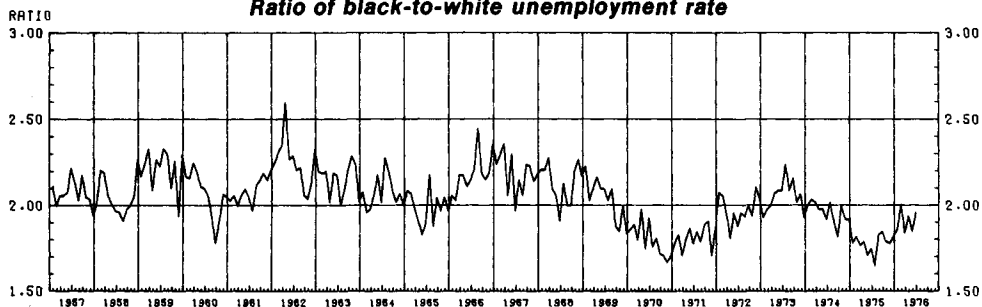


SOURCE: Table A-36.

**Chart 11. Unemployment rates by race**  
(Seasonally adjusted)

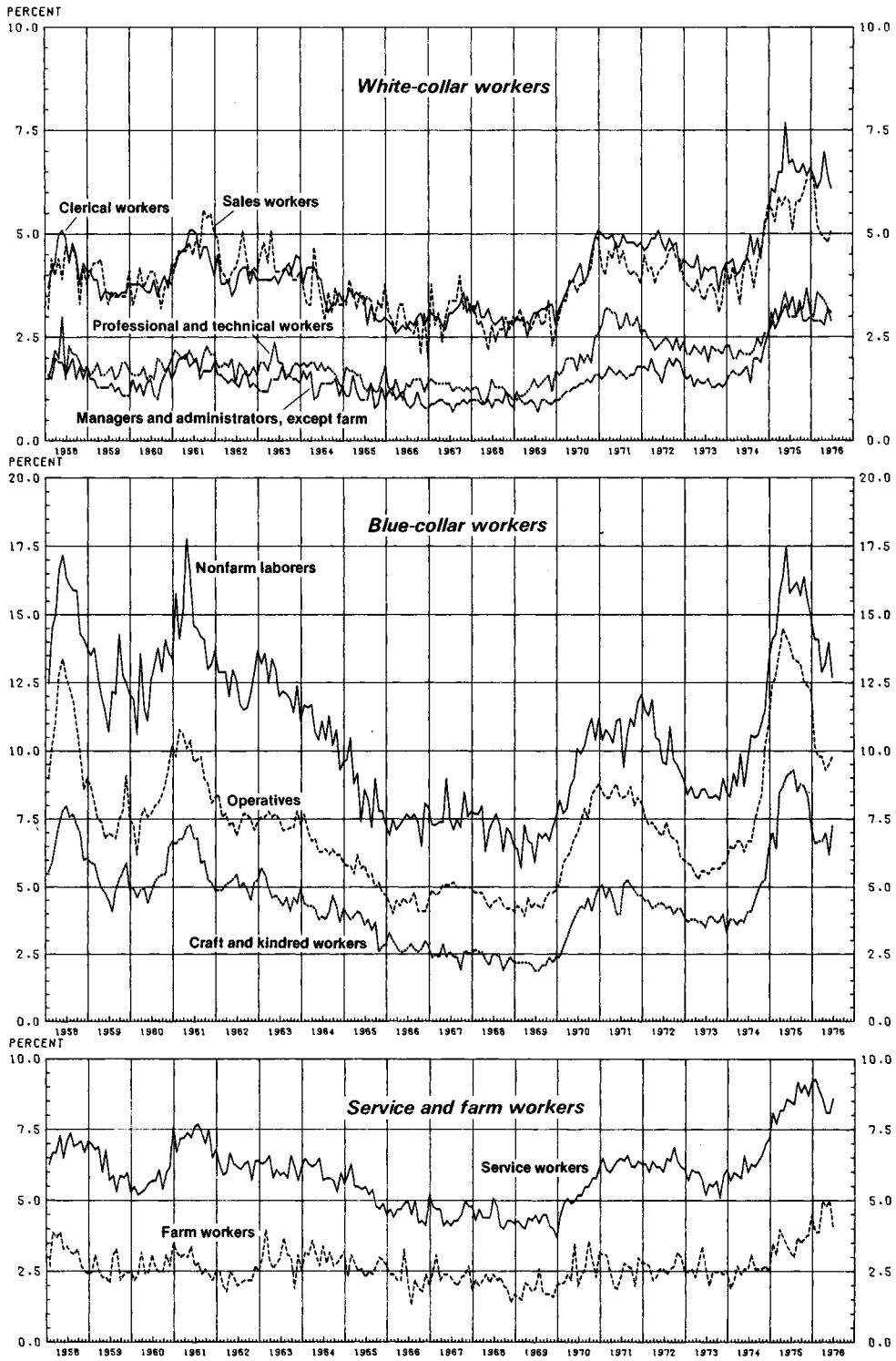


**Ratio of black-to-white unemployment rate**



SOURCE: Table A-35.

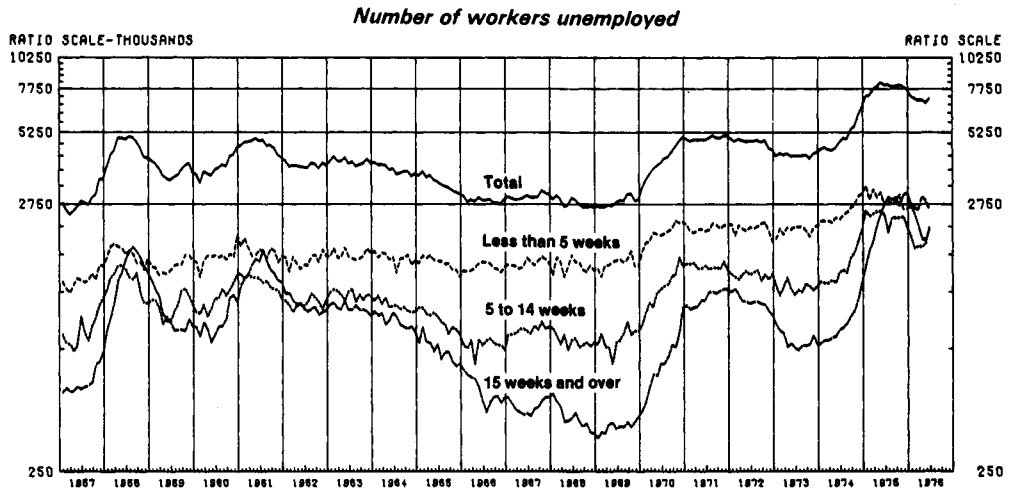
**Chart 12. Unemployment rates by major occupational groups**  
(Seasonally adjusted)



SOURCE: Table A-36.



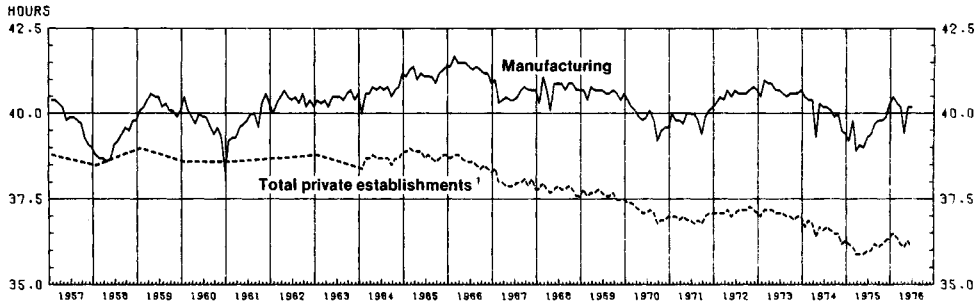
**Chart 13. Duration of unemployment**  
(Seasonally adjusted)



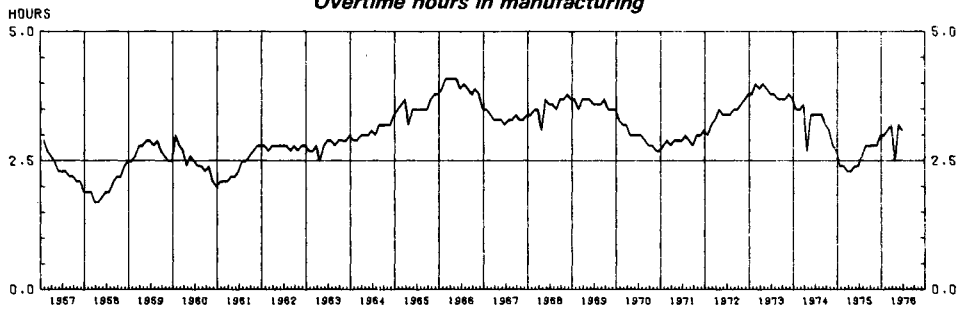
SOURCE: Table A-37.

**Chart 14. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



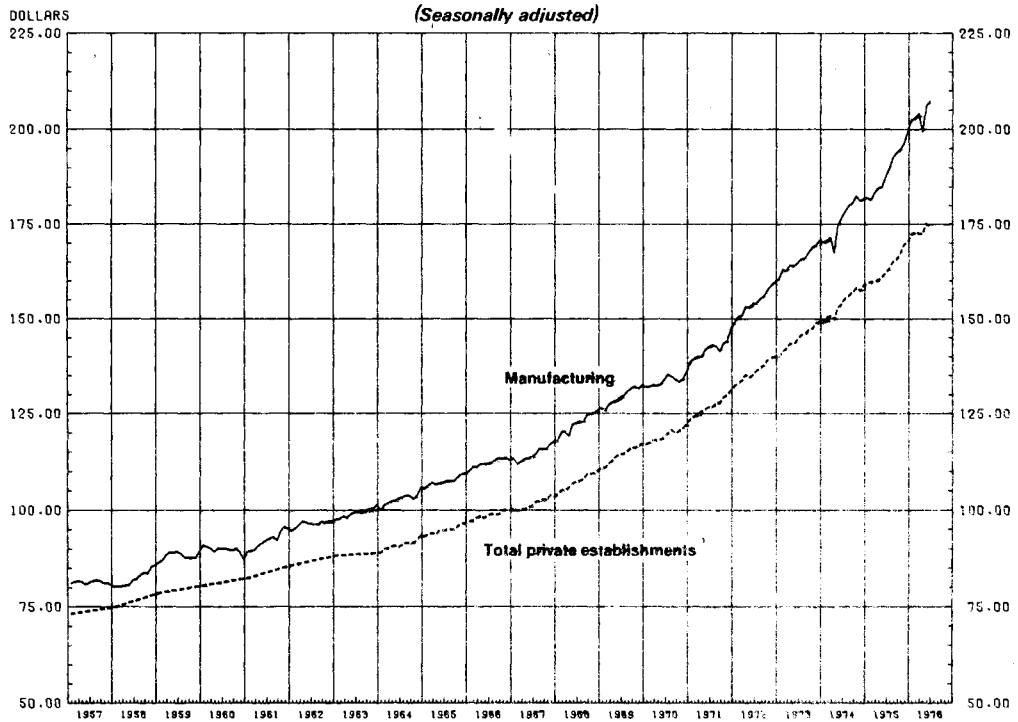
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 15. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*

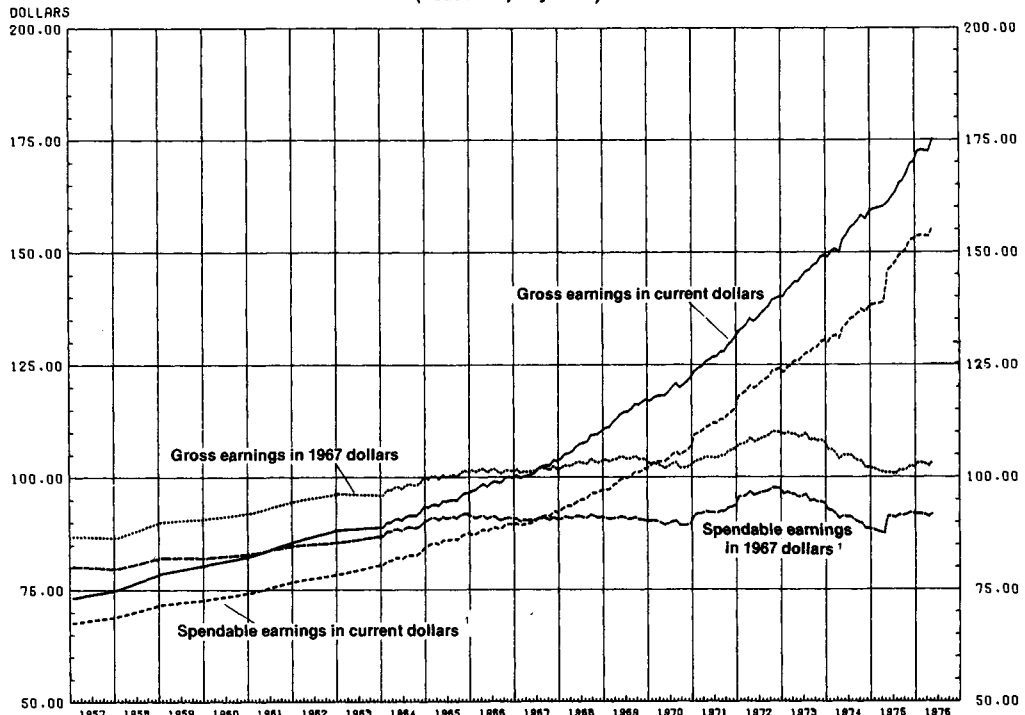


<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Tables C-7 and C-8.

**Chart 16. Total private gross and spendable weekly earnings**  
(Seasonally adjusted)

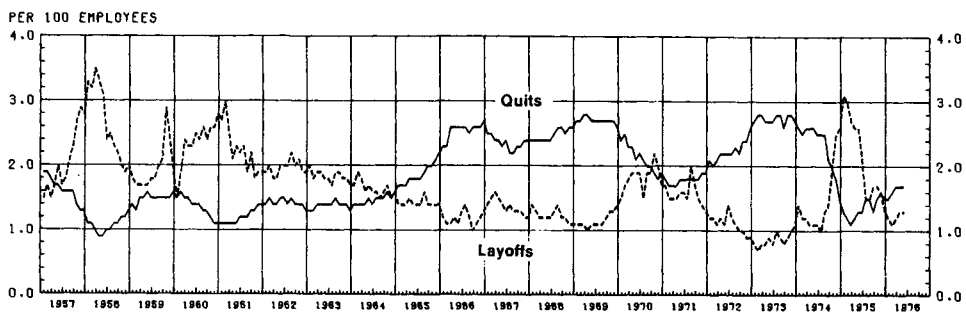
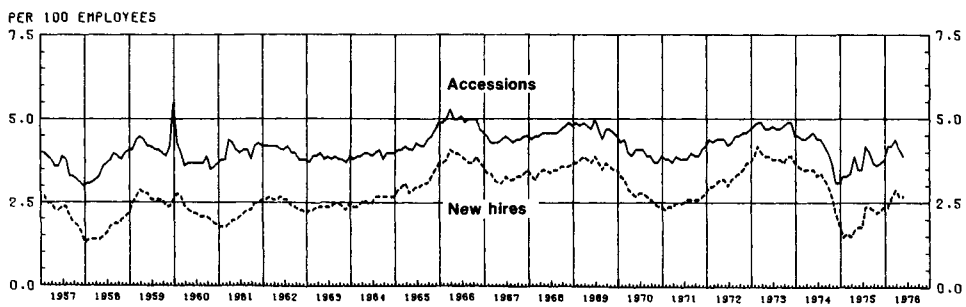


<sup>1</sup> Worker with three dependents.

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-8.

**Chart 17. Labor turnover rates in manufacturing**  
(Seasonally adjusted)



NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

# HOUSEHOLD DATA HISTORICAL

## A-1. Employment status of the noninstitutional population, 1929 to date

(Numbers in thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force
		Number	Percent of population	Total	Employed			Unemployed		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Percent 14 years of age and over										
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,500	41,250	5,560	9.9	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	45,850
Persons 16 years of age and over										
1947.....	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948.....	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949.....	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950.....	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951.....	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952.....	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953 <sup>2</sup> .....	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954.....	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955.....	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956.....	113,811	69,409	61.0	66,552	63,799	6,283	57,514	2,750	4.1	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	46,960
1960 <sup>2</sup> .....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	48,312
1962 <sup>2</sup> .....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	51,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	55,666
1972 <sup>2</sup> .....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	56,785
1973 <sup>2</sup> .....	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	57,222
1974.....	150,827	93,240	61.8	91,011	85,935	3,492	82,443	5,076	5.6	57,587
1975.....	153,449	94,793	61.8	92,613	84,783	3,380	81,403	7,830	8.5	58,655
1976: June.....	155,925	98,251	63.0	96,114	88,460	3,730	84,680	7,655	8.0	57,674

<sup>1</sup> Not available.

<sup>2</sup> Not strictly comparable with prior years due to the introduction of population adjustments

in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory notes.

**HOUSEHOLD DATA  
HISTORICAL**

**A-2. Employment status of the noninstitutional population, 16 years and over by sex, 1947 to date**

[Numbers in thousands]

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force					Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed		
					Total	Agriculture	Nonagricultural industries	Number		Percent of labor force
<b>MALES</b>										
1947.....	50,968	44,258	86.8	42,686	40,995	6,643	34,352	1,692	4.0	6,710
1948.....	51,439	44,729	87.0	43,286	41,725	6,358	35,367	1,559	3.6	6,710
1949.....	51,922	45,097	86.9	43,498	40,925	6,343	34,583	2,572	5.9	6,825
1950.....	52,352	45,446	86.8	43,819	41,578	6,002	35,576	2,239	5.1	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,534	36,246	1,221	2.8	6,725
1952.....	53,248	46,416	87.2	42,869	41,682	5,390	36,293	1,185	2.8	6,832
1953 <sup>1</sup> .....	54,248	47,131	86.9	43,633	42,430	5,253	37,177	1,202	2.8	7,117
1954.....	54,706	47,275	86.4	43,965	41,619	5,200	36,418	2,344	5.3	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,356	1,854	4.2	7,634
1956.....	55,547	47,914	86.3	45,091	43,379	5,040	38,339	1,711	3.8	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.2	8,907
1960 <sup>1</sup> .....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	9,633
1962 <sup>1</sup> .....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	13,715
1972 <sup>1</sup> .....	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	14,193
1973 <sup>1</sup> .....	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	14,541
1974.....	72,253	57,349	79.4	55,186	52,518	2,900	49,618	2,668	4.8	14,904
1975.....	73,494	57,706	78.5	55,615	51,230	2,801	48,429	4,385	7.9	15,788
1976: June.....	74,671	59,559	79.8	57,528	53,389	3,072	50,317	4,140	7.2	15,113
<b>FEMALES</b>										
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	35,767
1948.....	53,088	17,351	32.7	17,335	16,617	1,271	15,346	717	4.1	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,315	15,409	1,065	6.0	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,181	1,049	5.7	35,881
1951.....	54,933	19,054	34.7	19,016	18,181	1,193	16,988	834	4.4	35,879
1952.....	55,575	19,314	34.8	19,269	18,568	1,111	17,458	698	3.6	36,261
1953 <sup>1</sup> .....	56,353	19,429	34.5	19,382	18,749	1,006	17,743	632	3.3	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	37,247
1955.....	57,610	20,584	35.7	20,548	19,551	1,184	18,366	998	4.9	37,026
1956.....	58,264	21,495	36.9	21,461	20,419	1,244	19,175	1,039	4.8	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	38,053
1960 <sup>1</sup> .....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	38,679
1962 <sup>1</sup> .....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	41,952
1972 <sup>1</sup> .....	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	42,591
1973 <sup>1</sup> .....	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	42,681
1974.....	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	42,683
1975.....	79,954	37,087	46.4	36,998	33,553	579	32,973	3,445	9.3	42,868
1976: June.....	81,254	38,693	47.6	38,586	35,071	708	34,363	3,515	9.1	42,361

<sup>1</sup> See footnote 2, table A-1.

## A-3. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Sex, age, and race	June 1976										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over	59,559	79.8	57,528	53,389	4,140	7.2	15,113	295	2,105	1,868	10,844
16 to 21 years	9,665	76.6	8,943	7,322	1,621	18.1	2,948	25	1,640	30	1,252
16 to 19 years	6,018	70.9	5,678	4,518	1,160	20.4	2,471	23	1,412	15	1,021
16 to 17 years	2,524	59.7	2,497	1,887	610	24.4	1,704	18	994	7	685
18 to 19 years	3,494	82.0	3,181	2,631	551	17.3	767	5	418	8	336
20 to 64 years	51,717	90.4	50,027	47,145	2,882	5.8	5,520	122	694	1,360	3,343
20 to 24 years	8,782	90.1	8,029	7,034	995	12.4	960	7	431	50	472
25 to 54 years	35,974	94.3	35,040	33,433	1,607	4.6	2,171	78	262	745	1,086
25 to 29 years	8,279	94.9	7,903	7,372	531	6.7	446	10	152	65	218
30 to 34 years	6,734	96.8	6,504	6,189	315	4.8	222	5	32	62	123
35 to 39 years	5,509	95.9	5,311	5,095	216	4.1	238	9	30	83	116
40 to 44 years	5,075	94.0	4,982	4,808	174	3.5	324	19	29	129	147
45 to 49 years	5,236	93.1	5,204	5,014	190	3.6	387	17	9	175	185
50 to 54 years	5,142	90.3	5,135	4,955	180	3.5	554	17	10	230	297
55 to 64 years	6,960	74.4	6,959	6,678	281	4.0	2,390	38	2	565	1,785
55 to 59 years	4,215	83.3	4,213	4,047	166	3.9	845	15	1	288	541
60 to 64 years	2,746	64.0	2,746	2,631	114	4.2	1,545	22	1	277	1,244
65 years and over	1,824	20.4	1,824	1,726	98	5.4	7,121	149	--	493	6,480
65 to 69 years	1,045	29.3	1,045	969	75	7.2	2,521	42	--	188	2,290
70 years and over	779	14.5	779	756	22	2.9	4,600	107	--	305	4,190
<b>White</b>											
16 years and over	53,200	80.5	51,510	48,236	3,274	6.4	12,859	232	1,642	1,481	9,503
16 to 21 years	8,522	79.1	7,925	6,685	1,240	15.6	2,254	13	1,273	27	944
16 to 19 years	5,358	74.1	5,070	4,185	885	17.4	1,876	11	1,086	11	768
16 to 17 years	2,244	62.6	2,220	1,759	461	20.8	1,341	10	793	6	533
18 to 19 years	3,113	85.3	2,850	2,426	424	14.9	535	1	293	5	236
20 to 64 years	46,208	91.0	44,805	42,494	2,311	5.2	4,545	85	556	1,080	2,822
20 to 24 years	7,693	91.2	7,087	6,294	793	11.2	746	8	245	41	352
25 to 54 years	32,119	94.9	31,325	30,049	1,276	4.1	1,718	51	211	575	881
25 to 29 years	13,338	96.3	12,826	12,147	679	5.3	519	14	145	85	275
30 to 34 years	9,418	95.5	9,171	8,872	299	3.3	440	14	51	172	203
35 to 44 years	9,363	92.5	9,328	9,030	298	3.2	758	23	14	318	403
55 to 64 years	6,395	75.4	6,393	6,151	243	3.8	2,082	26	2	464	1,589
55 to 59 years	3,857	84.2	3,855	3,716	140	3.6	725	11	1	237	477
60 to 64 years	2,538	65.2	2,538	2,435	103	4.1	1,356	15	1	227	1,113
65 years and over	1,635	20.3	1,635	1,557	79	4.8	6,438	137	--	390	5,913
<b>Black and other</b>											
16 years and over	6,358	73.8	6,018	5,153	865	14.4	2,253	62	463	387	1,341
16 to 21 years	1,143	62.3	1,018	636	381	37.5	692	12	367	4	309
16 to 19 years	660	52.6	608	332	276	45.3	595	12	325	4	253
16 to 17 years	280	43.5	227	128	149	53.8	363	8	201	1	153
18 to 19 years	381	62.1	331	204	127	38.3	232	4	125	3	100
20 to 64 years	5,510	85.0	5,222	4,652	571	10.9	975	38	138	280	520
20 to 24 years	1,089	83.6	942	740	202	21.5	214	0	86	9	120
25 to 54 years	3,855	89.5	3,714	3,384	330	8.9	453	27	52	169	205
25 to 29 years	1,676	91.9	1,581	1,414	168	10.6	148	2	39	42	66
30 to 44 years	1,165	90.5	1,122	1,031	91	8.1	122	14	8	41	59
45 to 54 years	1,014	84.7	1,011	939	71	7.1	183	11	5	87	79
55 to 64 years	566	64.7	566	528	38	6.7	308	11	--	101	196
55 to 59 years	358	74.9	358	331	27	7.4	120	4	--	52	64
60 to 64 years	208	52.4	208	196	12	5.5	189	7	--	49	132
65 years and over	188	21.6	188	169	19	10.1	683	12	--	103	568

# HOUSEHOLD DATA

## A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	June 1976										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over .....	38,693	47.6	38,586	35,071	3,515	9.1	42,561	34,569	2,197	1,028	4,767
16 to 21 years .....	7,514	60.8	7,465	5,980	1,485	19.9	4,840	1,694	1,832	26	1,287
16 to 19 years .....	4,749	57.1	4,729	3,642	1,087	23.0	3,561	899	1,595	9	1,058
16 to 17 years .....	2,006	48.9	2,006	1,427	579	28.9	2,100	307	1,126	5	662
18 to 19 years .....	2,742	65.2	2,723	2,215	508	18.7	1,462	592	469	4	396
20 to 64 years .....	32,913	54.7	32,826	30,442	2,384	7.3	27,212	24,120	596	485	2,011
20 to 24 years .....	6,507	67.0	6,448	5,652	796	12.3	3,208	2,376	381	30	420
25 to 54 years .....	22,192	55.6	22,164	20,773	1,391	6.3	17,738	16,258	209	230	1,040
25 to 29 years .....	5,134	57.8	5,114	4,703	411	8.0	3,747	3,419	114	27	187
30 to 34 years .....	3,763	52.5	3,759	3,456	302	8.0	3,399	3,142	41	28	188
35 to 39 years .....	3,449	56.9	3,447	3,228	219	6.4	2,615	2,441	19	19	136
40 to 44 years .....	3,252	57.2	3,251	3,091	161	4.9	2,432	2,237	18	32	145
45 to 49 years .....	3,357	56.4	3,356	3,173	183	5.4	2,600	2,383	8	43	166
50 to 54 years .....	3,238	52.4	3,238	3,121	116	3.6	2,944	2,638	9	80	217
55 to 64 years .....	4,214	40.2	4,214	4,017	197	4.7	6,267	5,485	6	225	551
55 to 59 years .....	2,648	47.5	2,648	2,520	128	4.8	2,924	2,584	1	109	230
60 to 64 years .....	1,566	31.9	1,566	1,497	69	4.4	3,343	2,902	5	116	320
65 years and over .....	1,031	8.0	1,031	987	44	4.3	11,788	9,550	6	534	1,698
65 to 69 years .....	631	13.9	631	595	36	5.6	3,894	3,251	3	92	549
70 years and over .....	400	4.8	400	392	8	2.1	7,893	6,299	4	442	1,149
<b>White</b>											
16 years and over .....	33,583	47.2	33,495	30,751	2,744	8.2	37,609	30,995	1,683	825	4,106
16 to 21 years .....	6,628	63.3	6,587	5,461	1,125	17.1	3,844	1,377	1,395	24	1,048
16 to 19 years .....	4,239	60.3	4,222	3,386	837	19.8	2,794	714	1,209	8	862
16 to 17 years .....	1,781	51.5	1,781	1,343	438	24.6	1,680	246	878	4	552
18 to 19 years .....	2,458	68.8	2,441	2,043	398	16.3	1,114	468	332	4	310
20 to 64 years .....	28,436	54.2	28,364	26,500	1,864	6.6	24,059	21,511	467	370	1,712
20 to 24 years .....	5,612	67.7	5,564	4,956	607	10.9	2,672	2,014	299	24	355
25 to 54 years .....	19,016	54.7	18,993	17,906	1,086	5.7	15,743	14,522	163	187	881
25 to 34 years .....	7,497	54.1	7,477	6,949	528	7.1	6,356	5,890	121	42	303
35 to 44 years .....	5,712	56.2	5,709	5,403	306	5.4	4,452	4,129	30	43	250
45 to 54 years .....	5,807	54.1	5,806	5,554	252	4.3	4,935	4,502	12	92	329
55 to 64 years .....	3,808	40.3	3,808	3,637	171	4.5	5,644	4,975	6	168	495
55 to 59 years .....	2,398	47.8	2,398	2,293	106	4.4	2,619	2,332	1	80	205
60 to 64 years .....	1,410	31.8	1,410	1,345	65	4.6	3,026	2,642	5	88	291
65 years and over .....	908	7.8	908	865	43	4.7	10,755	8,770	6	447	1,532
<b>Black and other</b>											
16 years and over .....	5,110	50.8	5,091	4,320	771	15.1	4,952	3,574	514	203	661
16 to 21 years .....	886	47.1	878	519	359	40.9	996	318	437	1	239
16 to 19 years .....	510	39.9	507	256	250	49.4	767	185	386	--	196
16 to 17 years .....	225	34.9	225	84	141	62.6	419	61	248	--	110
18 to 19 years .....	285	45.0	282	172	110	38.9	347	124	138	--	86
20 to 64 years .....	4,477	58.7	4,462	3,942	520	11.7	3,152	2,610	128	116	299
20 to 24 years .....	896	52.6	884	696	189	21.3	536	362	82	7	85
25 to 54 years .....	3,177	61.4	3,173	2,867	306	9.6	1,994	1,737	46	52	158
25 to 34 years .....	1,400	63.9	1,396	1,210	185	13.3	790	671	35	13	72
35 to 44 years .....	990	62.4	989	915	74	7.5	595	548	7	8	32
45 to 54 years .....	787	56.4	787	741	46	5.9	609	519	5	32	54
55 to 64 years .....	405	39.4	405	380	26	6.3	623	511	--	57	56
55 to 59 years .....	249	44.9	249	227	22	8.8	306	251	--	29	26
60 to 64 years .....	156	33.0	156	152	4	2.3	317	259	--	28	30
65 years and over .....	123	10.6	123	122	1	.9	1,033	780	--	86	166

## A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
<b>MALES</b>								
16 years and over . . . . .	58,984	59,559	80.4	79.8	56,893	57,528	79.8	79.2
16 to 19 years . . . . .	6,113	6,018	72.7	70.9	5,740	5,678	71.4	69.7
16 to 17 years . . . . .	2,658	2,524	62.8	59.7	2,619	2,497	62.4	59.4
18 to 19 years . . . . .	3,455	3,494	82.8	82.0	3,120	3,181	81.3	80.6
20 to 24 years . . . . .	8,535	8,782	89.6	90.1	7,749	8,029	88.7	89.3
25 to 54 years . . . . .	35,484	35,974	94.6	94.3	34,555	35,040	94.5	94.2
25 to 34 years . . . . .	14,442	15,014	95.6	95.7	13,840	14,407	95.4	95.6
35 to 44 years . . . . .	10,579	10,583	95.9	95.0	10,288	10,293	95.7	94.8
45 to 54 years . . . . .	10,464	10,378	92.1	91.7	10,427	10,339	92.1	91.7
55 to 64 years . . . . .	6,931	6,960	75.3	74.4	6,930	6,959	75.3	74.4
55 to 59 years . . . . .	4,150	4,215	83.8	83.3	4,148	4,213	83.8	83.3
60 to 64 years . . . . .	2,782	2,746	65.4	64.0	2,782	2,746	65.4	64.0
65 years and over . . . . .	1,920	1,824	21.9	20.4	1,920	1,824	21.9	20.4
<b>White</b>								
16 years and over . . . . .	52,753	53,200	81.1	80.5	51,004	51,510	80.5	80.0
16 to 19 years . . . . .	5,391	5,358	75.0	74.1	5,085	5,070	73.9	73.0
16 to 17 years . . . . .	2,348	2,244	65.1	62.6	2,314	2,220	64.8	62.3
18 to 19 years . . . . .	3,043	3,113	85.0	85.3	2,771	2,850	83.7	84.2
20 to 24 years . . . . .	7,508	7,693	90.7	91.2	6,865	7,087	89.9	90.5
25 to 54 years . . . . .	31,746	32,119	95.2	94.9	30,947	31,325	95.1	94.8
25 to 34 years . . . . .	12,840	13,338	96.0	96.3	12,325	12,826	95.8	96.1
35 to 44 years . . . . .	9,445	9,418	96.6	95.5	9,195	9,171	97.4	95.4
45 to 54 years . . . . .	9,461	9,363	92.9	92.5	9,427	9,328	92.9	92.5
55 to 64 years . . . . .	6,344	6,395	76.0	75.4	6,342	6,393	76.0	75.4
55 to 59 years . . . . .	3,793	3,857	84.4	84.2	3,792	3,855	84.4	84.2
60 to 64 years . . . . .	2,551	2,538	66.2	65.2	2,550	2,538	66.2	65.2
65 years and over . . . . .	1,765	1,635	22.3	20.3	1,765	1,635	22.3	20.3
<b>Black and other</b>								
16 years and over . . . . .	6,231	6,358	74.8	73.8	5,888	6,018	73.8	72.8
16 to 19 years . . . . .	722	660	59.1	52.6	655	608	56.7	50.5
16 to 17 years . . . . .	310	280	49.3	43.5	305	277	48.8	43.3
18 to 19 years . . . . .	412	381	69.6	62.1	350	331	66.0	58.8
20 to 24 years . . . . .	1,028	1,089	82.6	83.6	884	942	80.3	81.5
25 to 54 years . . . . .	3,738	3,855	89.8	89.5	3,608	3,714	89.5	89.1
25 to 34 years . . . . .	1,602	1,676	92.7	91.9	1,515	1,581	92.3	91.4
35 to 44 years . . . . .	1,134	1,165	90.2	90.5	1,093	1,122	96.4	90.2
45 to 54 years . . . . .	1,003	1,014	85.3	84.7	1,000	1,011	85.2	84.7
55 to 64 years . . . . .	588	566	68.3	64.7	588	566	68.3	64.7
55 to 59 years . . . . .	357	358	77.8	74.9	357	358	77.8	74.9
60 to 64 years . . . . .	231	208	57.5	52.4	231	208	57.5	52.4
65 years and over . . . . .	155	188	18.4	21.6	155	188	18.4	21.6



# HOUSEHOLD DATA

## A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
<b>FEMALES</b>								
16 years and over	37,207	38,693	46.6	47.6	37,120	38,586	46.5	47.6
16 to 19 years	4,591	4,749	55.8	57.1	4,570	4,729	55.7	57.0
16 to 17 years	1,908	2,006	46.4	48.9	1,908	2,006	46.4	48.9
18 to 19 years	2,683	2,742	65.1	65.2	2,662	2,723	64.9	65.1
20 to 24 years	6,215	6,507	65.4	67.0	6,169	6,448	65.2	66.8
25 to 54 years	21,130	22,192	53.8	55.6	21,110	22,164	53.7	55.5
25 to 34 years	8,170	8,897	52.8	55.5	8,154	8,873	52.7	55.4
35 to 44 years	6,329	6,701	54.5	57.0	6,326	6,698	54.5	57.0
45 to 54 years	6,632	6,594	54.3	54.3	6,631	6,593	54.3	54.3
55 to 64 years	4,214	4,214	40.8	40.2	4,214	4,214	40.8	40.2
55 to 59 years	2,565	2,648	47.0	47.5	2,565	2,648	47.0	47.5
60 to 64 years	1,650	1,566	33.8	31.9	1,649	1,566	33.8	31.9
65 years and over	1,056	1,031	8.5	8.0	1,056	1,031	8.5	8.0
<b>White</b>								
16 years and over	32,299	33,583	46.0	47.2	32,227	33,495	46.0	47.1
16 to 19 years	4,043	4,239	57.9	60.3	4,026	4,222	57.8	60.2
16 to 17 years	1,682	1,781	48.3	51.5	1,681	1,781	48.3	51.5
18 to 19 years	2,361	2,458	67.4	68.8	2,345	2,441	67.2	68.7
20 to 24 years	5,409	5,612	66.5	67.7	5,372	5,564	66.4	67.6
25 to 54 years	18,147	19,016	52.9	54.7	18,130	18,993	52.9	54.7
25 to 34 years	6,899	7,497	51.5	54.1	6,885	7,477	51.4	54.1
35 to 44 years	5,389	5,712	53.5	56.2	5,386	5,709	53.5	56.2
45 to 54 years	5,860	5,807	54.1	54.1	5,859	5,806	54.1	54.1
55 to 64 years	3,766	3,808	40.4	40.3	3,766	3,808	40.4	40.3
55 to 59 years	2,283	2,398	46.3	47.8	2,283	2,398	46.3	47.8
60 to 64 years	1,482	1,410	33.7	31.8	1,482	1,410	33.7	31.8
65 years and over	934	908	8.2	7.8	934	908	8.2	7.8
<b>Black and other</b>								
16 years and over	4,908	5,110	50.4	50.8	4,893	5,091	50.4	50.7
16 to 19 years	548	510	44.0	39.9	544	507	43.8	39.8
16 to 17 years	226	225	35.9	34.9	226	225	35.9	34.9
18 to 19 years	321	285	52.3	45.0	318	282	52.0	44.8
20 to 24 years	806	896	58.6	62.6	797	884	58.3	62.3
25 to 54 years	2,983	3,177	59.7	61.4	2,980	3,173	59.7	61.4
25 to 34 years	1,271	1,400	61.3	63.9	1,269	1,396	61.2	63.9
35 to 44 years	940	990	60.9	62.4	940	989	60.9	62.4
45 to 54 years	772	787	56.2	56.4	772	787	56.2	56.4
55 to 64 years	449	405	44.4	39.4	449	405	44.4	39.4
55 to 59 years	282	249	52.7	44.9	282	249	52.7	44.9
60 to 64 years	167	156	35.0	33.0	167	156	35.0	33.0
65 years and over	122	123	11.1	10.6	122	123	11.1	10.6

## A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	June 1976						Not in labor force	
	Civilian labor force					Percent of labor force		
	Total	Employed			Unemployed			
		Total	Agri- culture	Nonagri- cultural indus- tries	Number			
<b>Total</b>								
16 years and over .....	9,600	8,107	240	7,868	1,492	15.5	6,332	
16 to 19 years .....	993	499	30	469	495	49.8	1,270	
18 to 17 years .....	436	166	21	144	270	62.0	726	
18 to 19 years .....	557	333	8	325	224	40.3	544	
20 to 24 years .....	1,553	1,195	22	1,173	358	23.0	634	
25 to 54 years .....	5,896	5,328	109	5,219	568	9.6	2,052	
25 to 34 years .....	2,525	2,210	25	2,185	315	12.5	747	
35 to 44 years .....	1,818	1,664	36	1,628	154	8.5	612	
45 to 54 years .....	1,553	1,454	48	1,405	100	6.4	693	
55 to 64 years .....	878	821	56	764	57	6.5	837	
55 to 59 years .....	546	504	24	480	42	7.6	385	
60 to 64 years .....	332	317	32	284	15	4.5	452	
65 years and over .....	280	265	23	242	15	5.3	1,539	
<b>Males</b>								
16 years and over .....	5,158	4,368	187	4,181	790	15.3	2,026	
16 to 19 years .....	541	277	17	260	264	48.9	569	
18 to 17 years .....	239	95	11	84	144	60.2	346	
18 to 19 years .....	302	182	6	176	121	39.9	222	
20 to 24 years .....	792	610	15	595	182	23.0	176	
25 to 54 years .....	3,158	2,862	85	2,777	295	9.3	401	
25 to 34 years .....	1,325	1,178	23	1,156	146	11.0	125	
35 to 44 years .....	964	877	25	852	87	9.0	108	
45 to 54 years .....	869	807	37	770	62	7.2	168	
55 to 64 years .....	501	467	47	420	34	6.8	281	
55 to 59 years .....	311	289	20	268	23	7.3	110	
60 to 64 years .....	190	178	27	151	11	6.0	171	
65 years and over .....	166	153	22	131	14	8.3	599	
<b>Females</b>								
16 years and over .....	4,441	3,739	53	3,686	702	15.8	4,306	
18 to 19 years .....	452	222	13	209	230	50.9	701	
18 to 17 years .....	197	71	10	61	127	64.1	380	
18 to 19 years .....	255	151	3	149	104	40.7	321	
20 to 24 years .....	760	585	6	579	175	23.0	458	
25 to 54 years .....	2,738	2,465	24	2,442	273	10.0	1,651	
25 to 34 years .....	1,200	1,032	2	1,030	168	14.0	622	
35 to 44 years .....	855	787	11	776	67	7.9	504	
45 to 54 years .....	684	647	11	636	37	5.5	525	
55 to 64 years .....	377	354	9	345	23	6.0	556	
55 to 59 years .....	235	216	4	212	19	8.1	275	
60 to 64 years .....	142	139	5	133	4	2.6	281	
65 years and over .....	113	112	1	111	1	.9	940	

NOTE: According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

# HOUSEHOLD DATA

## A-6. Employment status of the noninstitutional population by sex, age, and race

(Numbers in thousands)

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
<b>TOTAL</b>								
Total noninstitutional population	153,278	155,925	65,000	66,182	71,640	72,944	16,637	16,799
Total labor force	96,193	98,251	52,872	53,541	32,616	33,944	10,704	10,767
Percent of population	62.8	63.0	81.3	80.9	45.5	45.6	64.3	64.1
Civilian labor force	94,015	96,114	51,154	51,851	32,550	33,857	10,311	10,407
Employed	85,446	88,460	47,699	48,871	29,870	31,429	7,877	8,160
Agriculture	3,870	3,780	2,569	2,588	615	596	686	596
Nonagricultural industries	81,576	84,680	45,130	46,283	29,255	30,833	7,191	7,564
Unemployed	8,569	7,655	3,455	2,980	2,680	2,428	2,434	2,247
Percent of labor force	9.1	8.0	6.8	5.7	8.2	7.2	23.6	21.6
Not in labor force	57,087	57,674	12,129	12,641	39,024	39,000	5,934	6,032
<b>White</b>								
Total noninstitutional population	135,223	137,251	57,896	58,825	63,157	64,158	14,171	14,267
Total labor force	85,052	86,783	47,362	47,843	28,256	29,344	9,434	9,597
Percent of population	62.9	63.2	81.8	81.3	44.7	45.7	66.6	67.3
Civilian labor force	83,231	85,005	45,919	46,440	28,201	29,272	9,111	9,292
Employed	76,327	78,987	43,091	44,051	26,045	27,365	7,191	7,571
Agriculture	3,537	3,490	2,355	2,384	567	548	615	558
Nonagricultural industries	72,790	75,496	40,736	41,666	25,477	26,817	6,576	7,013
Unemployed	6,904	6,018	2,828	2,390	2,156	1,907	1,920	1,721
Percent of labor force	8.3	7.1	6.2	5.1	7.6	6.5	21.1	18.5
Not in labor force	50,171	50,468	10,533	10,983	34,901	34,814	4,737	4,670
<b>Black and other</b>								
Total noninstitutional population	18,055	18,674	7,105	7,356	8,483	8,786	2,467	2,532
Total labor force	11,139	11,468	5,509	5,698	4,360	4,600	1,270	1,170
Percent of population	61.7	61.4	77.5	77.5	51.4	52.4	51.5	46.2
Civilian labor force	10,781	11,110	5,234	5,410	4,349	4,585	1,198	1,115
Employed	9,116	9,473	4,607	4,821	3,825	4,064	684	589
Agriculture	332	289	214	204	47	48	71	37
Nonagricultural industries	8,785	9,184	4,394	4,617	3,778	4,016	614	551
Unemployed	1,665	1,637	627	590	524	521	514	526
Percent of labor force	15.4	14.7	12.0	10.9	12.0	11.4	42.9	47.2
Not in labor force	6,916	7,206	1,596	1,658	4,124	4,185	1,197	1,362

## A-7. Employment status of the noninstitutional population 16-21 years of age by race and sex

(Numbers in thousands)

Employment status	June 1976								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,965	12,612	12,353	21,249	10,778	10,471	3,716	1,834	1,882
Total labor force	17,178	9,665	7,514	15,149	8,522	6,628	2,029	1,143	886
Percent of population	68.8	76.6	60.8	71.3	79.1	63.3	54.6	62.3	47.1
Civilian labor force	16,408	8,943	7,465	14,512	7,925	6,587	1,895	1,018	878
Employed	13,302	7,322	5,980	12,147	6,685	5,461	1,155	636	519
Agriculture	798	645	152	749	616	133	49	29	20
Nonagricultural industries	12,504	6,676	5,828	11,398	6,069	5,329	1,106	607	499
Unemployed	3,106	1,621	1,485	2,366	1,240	1,125	740	381	359
Percent of labor force	18.9	18.1	19.9	16.3	15.6	17.1	39.1	37.5	40.9
Looking for full-time work	2,466	1,345	1,121	1,862	1,014	849	604	331	273
Looking for part-time work	640	277	363	503	226	277	137	50	87
Not in labor force	7,787	2,948	4,840	6,100	2,256	3,844	1,687	692	996
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	1,752	923	829	1,579	837	742	173	86	87
Employed	1,242	662	579	1,167	624	543	75	38	37
Agriculture	54	47	7	52	45	7	2	2	--
Nonagricultural industries	1,188	615	573	1,115	580	535	73	35	37
Unemployed	510	261	249	412	213	200	98	48	50
Percent of labor force	29.1	28.3	30.1	26.1	25.4	26.9	56.7	56.1	57.4
Looking for full-time work	277	135	142	218	103	115	58	32	27
Looking for part-time work	233	126	107	194	109	84	39	16	23
Not in labor force	3,472	1,640	1,832	2,668	1,273	1,395	804	367	437
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	14,656	8,020	6,636	12,933	7,088	5,845	1,723	932	791
Employed	12,060	6,660	5,400	10,980	6,061	4,919	1,080	599	482
Agriculture	744	598	145	697	571	125	47	27	20
Nonagricultural industries	11,316	6,061	5,255	10,283	5,490	4,793	1,034	572	462
Unemployed	2,596	1,361	1,235	1,953	1,028	926	643	333	310
Percent of labor force	17.7	17.0	18.6	15.1	14.5	15.8	37.3	35.7	39.1
Looking for full-time work	2,189	1,210	979	1,644	910	733	545	299	246
Looking for part-time work	407	151	256	310	117	193	97	34	64
Not in labor force	4,315	1,308	3,007	3,432	983	2,449	883	324	559

## A-8. Full- and part-time status of the civilian labor force by sex, age, and race

(Numbers in thousands)

Race, sex, and age	June 1976								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Both sexes, 16 years and over .....	83,426	72,925	3,958	6,543	7.8	12,688	11,576	1,112	8.8
16 to 21 years .....	12,199	8,200	1,532	2,466	20.2	4,209	3,569	640	15.2
16 to 19 years .....	6,956	4,081	1,184	1,690	24.3	3,451	2,894	557	16.1
16 to 17 years .....	2,365	1,034	559	771	32.6	2,138	1,720	417	19.5
18 to 19 years .....	4,591	3,047	625	919	20.0	1,313	1,174	139	10.6
20 years and over .....	76,470	68,844	2,774	4,853	6.3	9,237	8,682	555	6.0
20 to 24 years .....	13,019	10,604	779	1,636	12.6	1,458	1,303	155	10.6
25 years and over .....	63,451	58,240	1,995	3,217	5.1	7,779	7,379	400	5.1
25 to 54 years .....	52,042	47,778	1,530	2,734	5.3	5,162	4,898	264	5.1
55 years and over .....	11,409	10,462	464	483	4.2	2,617	2,482	136	5.2
<b>Males, 16 years and over .....</b>	<b>53,518</b>	<b>47,796</b>	<b>2,028</b>	<b>3,694</b>	<b>6.9</b>	<b>4,011</b>	<b>3,565</b>	<b>446</b>	<b>11.1</b>
16 to 21 years .....	7,009	4,824	841	1,345	19.2	1,934	1,657	277	14.3
16 to 19 years .....	4,031	2,466	651	914	22.7	1,647	1,400	246	15.0
20 years and over .....	49,487	45,330	1,377	2,780	5.6	2,364	2,164	200	8.5
20 to 24 years .....	7,489	6,132	432	925	12.4	540	470	70	12.9
25 years and over .....	41,998	39,198	945	1,855	4.4	1,824	1,694	130	7.1
25 to 54 years .....	34,347	32,066	730	1,551	4.5	692	637	54	7.8
55 years and over .....	7,650	7,133	214	303	4.0	1,132	1,056	76	6.7
<b>Females, 16 years and over .....</b>	<b>29,908</b>	<b>25,129</b>	<b>1,930</b>	<b>2,849</b>	<b>9.5</b>	<b>8,678</b>	<b>8,012</b>	<b>666</b>	<b>7.7</b>
16 to 21 years .....	5,189	3,377	691	1,121	21.6	2,275	1,912	363	16.0
16 to 19 years .....	2,924	1,615	533	776	26.5	1,804	1,494	310	17.2
20 years and over .....	26,984	23,514	1,397	2,073	7.7	6,873	6,518	355	5.2
20 to 24 years .....	5,530	4,472	347	710	12.8	918	833	86	9.3
25 years and over .....	21,454	19,042	1,050	1,363	6.4	5,955	5,685	269	4.5
25 to 54 years .....	17,695	15,712	800	1,183	6.7	4,470	4,260	210	4.7
55 years and over .....	3,759	3,330	250	181	4.8	1,485	1,425	60	4.0
<b>White</b>									
<b>Males, 16 years and over .....</b>	<b>47,951</b>	<b>43,350</b>	<b>1,696</b>	<b>2,905</b>	<b>6.1</b>	<b>3,559</b>	<b>3,190</b>	<b>369</b>	<b>10.4</b>
16 to 21 years .....	6,177	4,434	730	1,014	16.4	1,748	1,522	226	13.0
16 to 19 years .....	3,577	2,324	570	683	19.1	1,493	1,291	202	13.5
20 years and over .....	44,374	41,027	1,125	2,222	5.0	2,067	1,899	168	8.1
20 to 24 years .....	6,620	5,510	374	736	11.1	467	410	56	12.1
25 years and over .....	37,754	35,517	751	1,486	3.9	1,600	1,489	112	7.0
25 to 54 years .....	30,730	28,926	578	1,225	4.0	595	544	51	8.6
55 years and over .....	7,024	6,591	173	261	3.7	1,005	944	60	6.0
<b>Females, 16 years and over .....</b>	<b>25,662</b>	<b>21,847</b>	<b>1,602</b>	<b>2,214</b>	<b>8.6</b>	<b>7,832</b>	<b>7,302</b>	<b>530</b>	<b>6.8</b>
16 to 21 years .....	4,542	3,077	617	849	18.7	2,045	1,768	277	13.5
16 to 19 years .....	2,589	1,502	483	603	23.3	1,634	1,400	233	14.3
20 years and over .....	23,074	20,344	1,119	1,610	7.0	6,199	5,902	297	4.8
20 to 24 years .....	4,739	3,921	281	537	11.3	824	754	70	8.5
25 years and over .....	18,335	16,423	838	1,073	5.9	5,375	5,148	227	4.2
25 to 54 years .....	14,924	13,377	634	914	6.1	4,069	3,896	172	4.2
55 years and over .....	3,411	3,048	204	159	4.7	1,305	1,251	55	4.2
<b>Black and other</b>									
<b>Males, 16 years and over .....</b>	<b>5,567</b>	<b>4,446</b>	<b>332</b>	<b>789</b>	<b>14.2</b>	<b>451</b>	<b>374</b>	<b>77</b>	<b>17.0</b>
16 to 21 years .....	832	390	111	331	39.8	186	135	50	27.0
16 to 19 years .....	454	143	80	231	50.9	154	109	45	29.0
20 years and over .....	5,113	4,303	252	558	10.9	297	265	32	10.8
20 to 24 years .....	869	622	58	189	21.8	73	60	13	(2)
25 years and over .....	4,244	3,681	194	369	8.7	224	205	19	8.5
25 to 54 years .....	3,617	3,140	152	326	9.0	97	93	4	4.1
55 years and over .....	626	542	43	42	6.7	127	112	15	11.8
<b>Females, 16 years and over .....</b>	<b>4,246</b>	<b>3,282</b>	<b>328</b>	<b>636</b>	<b>15.0</b>	<b>845</b>	<b>710</b>	<b>136</b>	<b>16.0</b>
16 to 21 years .....	647	300	74	273	42.1	231	144	87	37.5
16 to 19 years .....	336	113	50	173	51.5	171	94	77	45.2
20 years and over .....	3,910	3,169	278	463	11.8	675	616	58	8.7
20 to 24 years .....	790	551	66	173	21.9	94	78	16	16.7
25 years and over .....	3,120	2,618	212	290	9.3	581	538	42	7.2
25 to 54 years .....	2,771	2,336	166	269	9.7	401	364	37	9.2
55 years and over .....	348	282	45	21	6.0	179	174	6	3.4

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

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

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## A-9. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
Total, 16 years and over .....	4,795	4,140	8.4	7.2	3,774	3,515	10.2	9.1
16 to 19 years .....	1,340	1,160	23.3	20.4	1,094	1,087	23.9	23.0
16 to 17 years .....	665	610	25.4	24.4	523	579	27.4	28.9
18 to 19 years .....	675	551	21.6	17.3	570	508	21.4	18.7
20 years and over .....	3,455	2,980	6.8	5.7	2,680	2,428	8.2	7.2
20 to 24 years .....	1,138	995	14.7	12.4	812	796	13.2	12.3
25 years and over .....	2,316	1,985	5.3	4.5	1,869	1,632	7.1	6.0
25 to 34 years .....	985	846	7.1	5.9	771	713	9.5	8.0
35 to 44 years .....	478	390	4.6	3.8	422	380	6.7	5.7
45 to 54 years .....	483	370	4.6	3.6	393	299	5.9	4.5
55 to 64 years .....	261	281	3.8	4.0	235	197	5.6	4.7
55 to 59 years .....	153	166	3.7	3.9	138	128	5.4	4.8
60 to 64 years .....	108	114	3.9	4.2	97	69	5.9	4.4
65 years and over .....	110	98	5.7	5.4	47	44	4.5	4.3
Household heads, 16 years and over .....	2,419	2,004	5.4	4.4	633	586	7.8	6.9
16 to 24 years .....	451	354	10.8	8.3	128	116	11.8	9.7
25 to 54 years .....	1,611	1,296	5.0	4.0	384	387	8.0	7.5
55 years and over .....	357	354	4.1	4.2	122	83	5.4	3.8

## A-10. Unemployed persons by marital status, sex, age, and race

Marital status, sex, age, and race	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
Total, 16 years and over .....	4,795	4,140	8.4	7.2	3,774	3,515	10.2	9.1
Married, spouse present .....	2,016	1,578	5.0	4.0	1,598	1,431	7.7	6.7
Widowed, divorced, or separated .....	386	363	10.8	8.3	596	522	8.8	7.5
Single (never married) .....	2,393	2,238	17.9	16.2	1,580	1,562	16.3	15.2
White, 16 years and over .....	3,887	3,274	7.6	6.4	3,017	2,744	9.4	8.2
Married, spouse present .....	1,724	1,316	4.7	3.6	1,348	1,210	7.3	6.3
Widowed, divorced, or separated .....	273c	231	9.5	7.3	451	378	8.3	6.7
Single (never married) .....	1,889c	1,728	16.2	14.3	1,218	1,155	14.6	13.1
Black and other, 16 years and over .....	908	865	15.4	14.4	757	771	15.5	15.1
Married, spouse present .....	292	262	8.4	7.5	250	221	11.3	9.8
Widowed, divorced, or separated .....	113	92	15.7	12.3	144	144	11.0	10.6
Single (never married) .....	504	510	29.8	29.0	363	406	26.6	27.6
Total, 20 to 64 years of age .....	3,345	2,882	6.8	5.8	2,633	2,384	8.4	7.3
Married, spouse present .....	1,889	1,461	5.0	3.8	1,492	1,338	7.5	6.5
Widowed, divorced, or separated .....	364	301	11.0	8.3	548	484	9.0	7.7
Single (never married) .....	1,092	1,119	14.0	13.4	594	563	10.8	9.5
White, 20 to 64 years of age .....	2,729	2,311	6.2	5.2	2,114	1,864	7.8	6.6
Married, spouse present .....	1,605	1,216	4.6	3.5	1,253	1,131	7.1	6.1
Widowed, divorced, or separated .....	259	215	9.8	7.3	413	343	8.5	6.8
Single (never married) .....	866	880	12.9	12.2	448	391	9.7	7.9
Black and other, 20 to 64 years of age .....	616	571	12.1	10.9	519	520	12.3	11.7
Married, spouse present .....	284	245	8.5	7.3	239	207	11.2	9.4
Widowed, divorced, or separated .....	105	86	15.5	12.3	135	142	11.1	11.2
Single (never married) .....	227	239	21.7	20.6	146	172	16.8	17.2

c = corrected.

## A-11. Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
Total	8,569	7,655	9.1	8.0	8.4	7.2	10.2	9.1
White-collar workers	2,289	2,147	5.2	4.7	3.8	3.7	6.6	5.7
Professional and technical	492	461	3.9	3.5	3.2	2.8	4.9	4.3
Managers and administrators, except farm	275	295	3.0	3.1	2.6	2.8	4.9	4.2
Sales workers	372	317	6.2	5.4	4.5	3.9	8.3	7.3
Clerical workers	1,148	1,074	7.1	6.5	6.6	7.3	7.2	6.2
Blue-collar workers	3,821	2,881	11.8	8.8	10.7	8.1	17.0	11.8
Craft and kindred workers	964	766	8.0	6.3	7.8	6.2	10.7	7.5
Carpenters and other construction craft	521	390	13.6	10.0	13.6	10.0	(1)	(1)
All other	443	376	5.4	4.5	5.0	4.2	10.2	7.2
Operatives, except transport	1,760	1,219	15.6	10.5	13.6	9.0	18.6	12.8
Transport equipment operatives	276	252	7.9	7.0	7.8	7.1	9.5	5.5
Nonfarm laborers	822	644	14.9	11.9	15.1	12.1	12.1	9.5
Construction laborers	265	202	23.4	18.8	23.2	18.9	(1)	(1)
All other	557	442	12.7	10.2	12.8	10.3	11.0	9.6
Service workers	1,160	1,216	9.1	9.2	9.3	9.0	8.9	9.3
Private household	49	77	3.9	6.5	--	--	4.0	6.7
All other	1,111	1,138	9.6	9.4	9.4	9.0	9.8	9.7
Farm workers	96	121	2.8	3.6	2.5	2.9	4.0	6.9
No previous work experience	1,203	1,290	--	--	--	--	--	--
16 to 19 years	1,009	1,065	--	--	--	--	--	--
20 to 24 years	127	166	--	--	--	--	--	--
25 years and over	67	60	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-12. Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
Total	100.0	100.0	9.1 <sup>c</sup>	8.0	8.4	7.2	10.2	9.1
Nonagricultural private wage and salary workers	74.5	69.8	7.2	7.7	9.0	7.2	10.1	8.5
Mining	.3	.4	3.7	3.7	4.1	3.8	(1)	3.3
Construction	8.9	8.2	16.7	13.7	17.1	14.1	7.0	7.0
Manufacturing	28.6	20.7	11.6	7.4	9.7	6.2	16.0	10.0
Durable goods	17.8	11.8	12.1	7.1	10.6	6.4	17.0	9.6
Lumber and wood products	.9	.7	12.0	7.7	11.1	7.3	17.3	10.0
Furniture and fixtures	.9	.5	13.8	7.4	10.5	8.1	21.3	5.8
Stone, clay, and glass products	.7	.6	8.4	6.2	7.6	6.6	12.0	4.3
Primary metal industries	1.9	1.1	11.2	5.9	10.8	5.8	15.3	7.2
Fabricated metal products	2.5	1.8	14.6	8.7	13.4	8.5	19.2	9.4
Machinery, except electrical equipment	2.8	1.9	10.3	6.3	8.9	5.9	16.5	8.2
Electrical equipment	3.3	1.8	13.1	6.4	10.1	4.2	17.5	9.5
Transportation equipment	3.2	2.0	13.1	7.4	12.8	7.1	15.1	9.4
Automobiles	2.0	.9	16.2	6.6	16.0	6.6	18.0	6.7
Other transportation equipment	1.2	1.0	9.9	8.5	9.3	7.6	13.0	12.2
Instruments and related products	.4	.4	5.8	6.5	2.9	3.3	10.4	11.5
Other durable goods industries	1.4	1.0	15.4	10.5	11.9	6.8	21.5	17.3
Nondurable goods	10.8	8.8	10.9	7.7	8.0	5.8	15.2	10.6
Food and kindred products	2.5	2.0	11.6	8.5	8.4	6.3	19.6	13.7
Textile mill products	1.4	1.3	14.7	9.9	10.9	7.1	19.0	13.0
Apparel and other textile products	2.3	1.8	13.9	9.4	9.6	8.7	15.1	9.6
Paper and allied products	.7	.8	9.0	8.6	8.4	8.2	11.3	9.9
Printing and publishing	1.1	.9	7.3	5.1	6.5	3.9	8.6	7.1
Chemicals and allied products	1.1	.9	7.7	5.7	6.6	3.5	11.1	11.7
Rubber and plastics products	1.0	.5	13.5	6.2	9.6	4.2	20.7	10.0
Other nondurable goods industries	.7	.8	9.4	8.3	5.9	7.2	14.7	10.4
Transportation and public utilities	3.2	3.2	5.7	5.1	5.6	5.1	6.0	4.9
Railroads and railway express	.2	.4	2.7	4.7	3.1	4.8	(1)	(1)
Other transportation	2.2	2.2	8.2	7.4	8.4	7.6	7.2	6.5
Communication and other public utilities	.9	.6	3.7	2.4	2.7	1.4	5.9	4.1
Wholesale and retail trade	18.1	20.1	9.0	8.7	7.6	7.4	10.8	10.2
Finance, insurance, and real estate	2.5	2.7	4.9	4.5	4.0	4.4	5.6	4.6
Service industries	12.8	14.6	7.5	7.3	7.8	7.2	7.3	7.4
Professional services	5.4	6.0	5.8	5.5	5.7	5.1	5.9	5.6
All other service industries	7.4	8.6	9.5	9.5	9.5	8.9	9.5	10.0
Agricultural wage and salary workers	1.6	2.0	8.4	9.1	8.0	7.5	10.6	15.4
All other classes of workers	9.8	11.3	3.6	3.6	3.1	3.2	4.4	4.2
No previous work experience	14.0	16.9	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

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## A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands .....	8,569	7,655	3,455	2,980	2,680	2,428	2,434	2,247	6,904	6,018	1,665	1,637
Job losers .....	4,298	3,286	2,514	1,951	1,381	1,010	403	325	3,480	2,643	818	643
Job leavers .....	746	839	254	321	355	393	138	124	664	714	83	125
Reentrants .....	2,326	2,244	599	616	840	891	887	737	1,845	1,706	481	538
New entrants .....	1,198	1,286	89	92	104	133	1,005	1,061	915	956	283	330
Total unemployed, percent distribution .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	50.2	42.9	72.7	65.4	51.5	41.6	16.6	14.5	50.4	43.9	49.1	39.3
Job leavers .....	8.7	11.0	7.3	10.8	13.2	16.2	5.7	5.5	9.6	11.9	5.0	7.6
Reentrants .....	27.1	29.3	17.3	20.7	31.3	36.7	36.5	32.8	26.7	28.3	28.9	32.9
New entrants .....	14.0	16.8	2.6	3.1	3.9	5.5	41.3	47.2	13.3	15.9	17.0	20.2
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate .....	9.1	8.0	6.8	5.7	8.2	7.2	23.6	21.6	8.3	7.1	15.4	14.7
Job loser rate <sup>1</sup> .....	4.5	3.4	4.9	3.7	4.3	3.0	4.0	3.1	4.2	3.1	7.6	5.8
Job leaver rate <sup>1</sup> .....	.8	.9	.5	.6	1.1	1.2	1.3	1.2	.8	.8	.8	1.1
Reentrant rate <sup>1</sup> .....	2.5	2.3	1.2	1.2	2.6	2.6	8.6	7.1	2.2	2.0	4.5	4.8
New entrant rate <sup>1</sup> .....	1.3	1.3	.2	.2	.3	.4	9.7	10.2	1.1	1.1	2.6	3.0

<sup>1</sup> Unemployment rates are calculated as a percent of the civilian labor force.

## A-14. Unemployed persons by reason for unemployment, duration, sex, and age

[Percent distribution]

Reason, sex, and age	June 1976						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	7,655	100.0	45.7	24.3	30.0	11.8	18.2
Job losers .....	3,286	100.0	27.4	25.7	46.8	16.3	30.5
Job leavers .....	839	100.0	46.1	26.8	27.0	13.1	13.9
Reentrants .....	2,244	100.0	59.4	23.7	16.9	8.3	8.6
New entrants .....	1,286	100.0	68.1	20.1	11.7	5.5	6.2
Males, 20 years and over .....	2,980	100.0	34.3	24.2	41.5	14.0	27.5
Job losers .....	1,951	100.0	24.6	25.2	50.3	15.2	35.1
Job leavers .....	321	100.0	46.4	23.7	29.9	13.7	16.2
Reentrants .....	616	100.0	54.6	22.5	23.0	11.6	11.4
New entrants .....	92	100.0	62.0	17.4	20.6	6.5	14.1
Females, 20 years and over .....	2,428	100.0	42.3	25.2	32.6	13.6	19.0
Job losers .....	1,010	100.0	29.1	24.0	46.9	18.2	28.7
Job leavers .....	393	100.0	41.2	28.0	30.8	15.5	15.3
Reentrants .....	891	100.0	54.5	26.3	19.1	8.6	10.5
New entrants .....	133	100.0	62.7	19.4	17.9	6.0	11.9
Both sexes, 16 to 19 years .....	2,247	100.0	64.5	23.5	12.0	7.1	4.9
Job losers .....	325	100.0	39.0	34.7	26.4	17.5	8.9
Job leavers .....	124	100.0	61.1	31.0	8.0	4.8	3.2
Reentrants .....	737	100.0	69.5	21.6	9.0	5.2	3.8
New entrants .....	1,061	100.0	69.3	20.5	10.3	5.5	4.8

## A-15. Unemployed jobseekers by the jobsearch methods used, sex, age, and race

Sex, age, and race	June 1976								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	7,655	6,533	28.1	5.6	73.1	31.7	16.9	6.2	1.62
16 to 19 years .....	2,247	2,049	18.1	3.9	80.1	25.2	14.8	3.9	1.46
20 to 24 years .....	1,791	1,577	33.6	6.0	71.7	39.6	18.1	5.6	1.75
25 to 34 years .....	1,560	1,288	33.4	7.2	73.8	35.3	18.5	6.0	1.74
35 to 44 years .....	770	608	31.9	7.7	69.4	27.3	15.0	7.6	1.59
45 to 54 years .....	669	513	34.5	6.8	61.2	29.2	18.5	11.9	1.62
55 to 64 years .....	477	369	28.2	3.5	65.6	33.1	15.2	13.0	1.59
65 years and over .....	142	129	23.3	3.1	59.7	29.5	24.8	2.3	1.43
<b>Males, 16 years and over</b> .....	4,140	3,455	30.1	6.0	73.1	29.6	20.1	8.1	1.67
16 to 19 years .....	1,160	1,043	17.9	3.2	79.9	25.6	20.2	3.6	1.50
20 to 24 years .....	995	858	35.3	5.7	73.9	36.2	21.6	6.3	1.79
25 to 34 years .....	846	673	37.4	9.1	74.4	34.8	21.0	8.3	1.85
35 to 44 years .....	390	290	36.9	9.7	67.6	23.4	13.4	12.8	1.64
45 to 54 years .....	370	280	37.1	8.2	60.4	22.1	24.6	17.9	1.70
55 to 64 years .....	281	218	27.5	4.1	63.8	31.7	12.4	20.2	1.60
65 years and over .....	98	92	27.2	4.3	59.8	14.1	25.0	3.3	1.34
<b>Females, 16 years and over</b> .....	3,515	3,078	26.0	5.2	73.1	34.0	13.2	4.0	1.56
16 to 19 years .....	1,087	1,006	18.3	4.7	80.4	24.9	9.2	4.2	1.42
20 to 24 years .....	796	719	31.7	6.4	69.1	43.5	14.0	4.9	1.70
25 to 34 years .....	713	615	29.1	5.2	73.0	35.0	15.8	3.3	1.62
35 to 44 years .....	380	318	27.0	6.0	71.1	30.8	16.4	2.8	1.54
45 to 54 years .....	299	233	31.3	5.2	62.2	37.8	10.7	5.2	1.52
55 to 64 years .....	197	150	29.3	2.7	68.7	36.0	20.0	2.7	1.59
65 years and over .....	44	37	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White</b> .....	6,018	5,052	26.1	6.0	73.9	33.9	16.9	6.1	1.63
<b>Males</b> .....	3,274	2,685	28.6	6.2	73.5	31.7	19.9	8.2	1.68
<b>Females</b> .....	2,744	2,367	23.2	5.7	74.2	36.5	13.4	3.8	1.57
<b>Black and other</b> .....	1,637	1,481	35.1	4.5	70.7	24.2	16.9	6.5	1.58
<b>Males</b> .....	865	770	35.1	5.3	71.9	22.5	21.0	8.1	1.64
<b>Females</b> .....	771	711	35.2	3.5	69.3	26.0	12.4	4.6	1.51

<sup>1</sup> Percent not shown where base is less than 75,000.

waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

## A-16. Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

Sex and reason	June 1976								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	7,655	6,533	28.1	5.6	73.1	31.7	16.9	6.2	1.62
Job losers .....	3,286	2,431	38.4	7.6	70.3	37.1	18.5	7.6	1.80
Job leavers .....	839	828	28.3	4.7	73.2	37.3	16.9	2.3	1.63
Reentrants .....	2,244	2,043	23.6	5.2	71.9	29.1	17.5	7.6	1.55
New entrants .....	1,286	1,230	15.2	2.9	81.0	21.6	12.6	3.8	1.37
<b>Males, 16 years and over</b> .....	4,140	3,455	30.1	6.0	73.1	29.6	20.1	8.1	1.67
Job losers .....	2,166	1,621	37.9	7.7	70.3	34.1	20.0	10.1	1.80
Job leavers .....	380	374	32.1	4.5	75.7	31.6	21.4	1.3	1.67
Reentrants .....	1,006	896	25.2	5.8	71.3	26.2	21.3	9.4	1.74
New entrants .....	587	564	13.8	2.1	82.4	20.7	17.7	5.0	1.42
<b>Females, 16 years and over</b> .....	3,515	3,078	26.0	5.2	73.1	34.0	13.2	4.0	1.56
Job losers .....	1,120	810	39.4	7.3	70.1	43.1	15.3	2.5	1.78
Job leavers .....	458	454	25.1	4.8	71.1	42.1	13.0	3.1	1.59
Reentrants .....	1,238	1,149	22.4	4.9	71.9	31.2	14.6	6.3	1.51
New entrants .....	699	666	16.4	3.6	79.9	22.4	8.3	2.7	1.33

NOTE: See note, table A-15.



# HOUSEHOLD DATA

## A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
Total .....	8,569	7,655	100.0	100.0	3,053	2,590	100.0	100.0
Less than 5 weeks .....	3,651	3,497	42.6	45.7	895	848	29.3	32.7
5 to 14 weeks .....	2,066	1,861	24.1	24.3	760	660	24.9	25.5
5 to 10 weeks .....	1,496	1,381	17.5	18.0	538	496	17.6	19.2
11 to 14 weeks .....	570	480	6.7	6.3	222	164	7.3	6.3
15 weeks and over .....	2,852	2,297	33.3	30.0	1,397	1,082	45.8	41.8
15 to 26 weeks .....	1,492	905	17.4	11.8	706	363	23.1	14.0
27 weeks and over .....	1,360	1,392	15.9	18.2	691	720	22.6	27.8
27 to 51 weeks .....	962	734	11.2	9.6	477	392	15.6	15.1
52 weeks and over .....	398	658	4.6	8.6	214	327	7.0	12.6
Average (mean) duration .....	13.7	15.1	--	--	12.7	20.4	--	--

## A-18. Unemployed persons by duration, sex, age, race, and marital status

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		June 1975	June 1976	June 1975	June 1976
	June 1976						June 1975	June 1976	June 1975	June 1976
Total, 16 years and over .....	7,655	3,497	1,861	905	1,392	15.1	42.6	45.7	33.3	30.0
16 to 21 years .....	3,106	1,883	750	250	223	8.7	60.1	60.6	18.1	15.2
16 to 19 years .....	2,247	1,450	527	158	112	7.4	65.1	64.5	13.7	12.0
20 to 24 years .....	1,791	848	419	236	287	13.7	41.0	47.3	33.9	29.2
25 to 34 years .....	1,560	580	399	194	387	18.5	35.7	37.2	39.4	37.2
35 to 44 years .....	770	242	209	122	196	19.8	28.5	31.5	45.7	41.4
45 to 54 years .....	669	201	169	94	204	22.5	24.7	30.1	48.2	44.6
55 to 64 years .....	477	143	105	69	161	24.4	28.8	29.9	47.3	48.0
65 years and over .....	142	33	32	32	45	24.1	15.7	23.4	63.3	53.9
Males, 16 years and over .....	4,140	1,746	990	521	884	16.8	39.2	42.2	37.0	33.9
16 to 21 years .....	1,621	945	387	161	128	9.3	58.5	58.3	20.1	17.8
16 to 19 years .....	1,160	725	268	104	64	7.9	64.5	62.5	14.6	14.5
20 to 24 years .....	995	443	227	154	170	14.8	37.7	44.6	39.6	32.6
25 to 34 years .....	846	271	220	100	255	20.7	28.9	32.0	42.8	42.0
35 to 44 years .....	390	112	90	60	128	23.4	21.8	28.8	54.2	48.1
45 to 54 years .....	370	91	105	38	136	26.1	21.7	24.6	51.1	47.0
55 to 64 years .....	281	82	60	39	100	25.4	26.9	29.1	50.0	49.7
65 years and over .....	98	22	20	25	31	23.7	17.9	22.1	63.0	57.3
Females, 16 years and over .....	3,515	1,751	872	384	508	13.0	47.0	49.8	28.6	25.4
16 to 21 years .....	1,485	938	362	90	95	8.1	62.0	63.2	15.6	12.4
16 to 19 years .....	1,087	725	260	55	47	6.9	65.9	66.7	12.5	9.4
20 to 24 years .....	796	404	192	82	117	12.3	45.5	50.8	25.9	25.0
25 to 34 years .....	713	309	179	94	132	15.8	44.3	43.3	34.9	31.6
35 to 44 years .....	380	130	119	62	69	16.2	36.0	34.2	36.0	34.5
45 to 54 years .....	299	110	64	56	69	18.2	28.5	36.9	44.7	41.7
55 to 64 years .....	197	61	45	29	61	23.0	30.8	31.1	44.4	45.7
65 years and over .....	44	12	12	6	14	25.1	(1)	(1)	(1)	(1)
White .....	6,018	2,696	1,472	749	1,101	15.3	42.5	44.8	33.4	30.7
Males .....	3,274	1,356	794	421	703	16.8	39.0	41.4	36.9	34.3
Females .....	2,744	1,340	678	328	398	13.4	47.0	48.8	28.8	26.5
Black and other .....	1,637	800	389	157	291	14.4	43.0	48.9	32.8	27.3
Males .....	865	389	195	100	181	16.8	39.8	45.0	37.3	32.5
Females .....	771	411	194	56	110	11.7	47.0	53.3	27.5	21.6
Males:										
Married, spouse present .....	1,578	454	420	204	501	22.3	25.3	28.8	48.7	44.6
Widowed, divorced, or separated .....	323	95	76	53	99	22.2	27.8	29.3	50.9	47.1
Single (never married) .....	2,238	1,197	494	264	284	12.2	52.7	53.5	24.9	24.5
Females:										
Married, spouse present .....	1,431	594	361	193	283	16.1	37.1	41.5	36.3	33.3
Widowed, divorced, or separated .....	522	190	160	75	97	16.5	38.7	36.4	36.0	33.0
Single (never married) .....	1,562	967	351	116	128	9.1	60.1	61.9	17.9	15.6

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-19. Unemployed persons by duration, occupation, and industry of last job

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		June 1975	June 1976	June 1975	June 1976
	June 1976									
<b>OCCUPATION</b>										
White-collar workers	2,147	872	571	286	418	15.9	41.7	40.6	33.9	32.8
Professional and managerial	756	287	185	115	169	17.6	42.3	38.0	35.8	37.6
Sales workers	317	140	105	40	32	12.6	43.1	44.2	31.7	22.8
Clerical workers	1,074	445	282	131	217	15.7	40.8	41.4	33.3	32.3
Blue-collar workers	2,881	1,052	729	404	696	18.7	31.2	36.5	43.0	38.2
Craft and kindred workers	766	248	198	100	221	21.3	28.4	32.4	45.7	41.8
Operatives, except transport	1,219	445	309	181	284	18.3	28.7	36.5	45.4	38.1
Transport equipment operatives	252	82	66	33	71	20.3	26.5	32.6	43.1	41.2
Nonfarm laborers	644	277	156	89	122	15.6	41.5	43.0	34.6	32.8
Service workers	1,216	617	279	138	181	13.3	52.7	50.8	24.4	26.3
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	154	94	31	9	19	10.9	68.7	61.4	17.4	18.5
Construction	664	238	177	80	170	17.8	31.7	35.8	43.1	37.6
Manufacturing	1,387	525	384	239	439	20.5	27.5	33.1	47.0	42.7
Durable goods	911	278	211	141	280	22.6	23.5	30.6	50.5	46.2
Nondurable goods	676	247	172	98	159	17.7	34.1	36.6	41.2	38.0
Transportation and public utilities	256	90	61	31	74	20.8	36.9	35.0	37.9	41.0
Wholesale and retail trade	1,551	670	387	237	257	14.9	42.7	43.2	31.9	31.9
Finance and service industries	1,764	831	461	194	278	13.6	49.4	47.1	26.5	26.8
Public administration	279	126	71	26	56	16.2	44.6	45.2	27.7	29.4
No previous work experience	1,290	877	262	71	80	7.7	68.1	68.0	12.3	11.7

<sup>1</sup> Includes wage and salary workers only.

## A-20. Employed persons by sex and age

[In thousands]

Age and type of industry	Total		Males		Females	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
	All industries	85,444	88,460	52,098	53,389	33,347
16 to 19 years	7,877	8,160	4,399	4,518	3,477	3,642
16 to 17 years	3,339	3,314	1,954	1,887	1,385	1,427
18 to 19 years	4,537	4,846	2,445	2,631	2,092	2,215
20 to 24 years	11,968	12,686	6,610	7,034	5,357	5,652
25 to 54 years	52,133	54,206	32,609	33,433	19,524	20,773
25 to 34 years	20,237	21,721	12,855	13,561	7,382	8,160
35 to 44 years	15,714	16,221	9,810	9,903	5,904	6,319
45 to 54 years	16,182	16,264	9,944	9,969	6,238	6,294
55 to 64 years	10,648	10,695	6,669	6,678	3,979	4,017
55 to 59 years	6,422	6,567	3,995	4,047	2,426	2,520
60 to 64 years	4,226	4,128	2,674	2,631	1,553	1,497
65 years and over	2,819	2,713	1,810	1,726	1,009	987
Nonagricultural industries	81,575	84,680	48,966	50,317	32,613	34,363
16 to 19 years	7,190	7,564	3,833	4,034	3,358	3,530
16 to 17 years	2,933	2,967	1,626	1,603	1,308	1,364
18 to 19 years	4,257	4,597	2,207	2,431	2,050	2,166
20 to 24 years	11,561	12,226	6,274	6,652	5,287	5,574
25 to 54 years	50,335	52,418	31,200	32,327	19,135	20,391
25 to 34 years	19,702	21,138	12,427	13,062	7,275	8,056
35 to 44 years	15,143	15,701	9,381	9,506	5,762	6,195
45 to 54 years	15,490	15,579	9,392	9,439	6,098	6,140
55 to 64 years	10,047	10,130	6,168	6,212	3,879	3,918
55 to 59 years	6,104	6,262	3,739	3,799	2,365	2,463
60 to 64 years	3,943	3,868	2,429	2,413	1,514	1,455
65 years and over	2,441	2,343	1,488	1,393	953	950
Agriculture	3,869	3,780	3,135	3,072	734	708
16 to 19 years	586	596	567	484	119	112
16 to 17 years	405	347	328	284	77	63
18 to 19 years	281	249	238	200	42	50
20 to 24 years	407	460	336	382	71	78
25 to 54 years	1,797	1,789	1,410	1,406	387	383
25 to 34 years	535	583	428	479	107	104
35 to 44 years	571	521	430	397	141	124
45 to 54 years	691	685	552	530	139	155
55 to 64 years	601	566	501	467	100	99
55 to 59 years	317	305	256	248	61	57
60 to 64 years	283	260	245	218	39	42
65 years and over	378	370	322	333	56	37

# HOUSEHOLD DATA

## A-21. Employed persons by occupation, sex, and age

[In thousands]

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
<b>TOTAL</b> .....	85,446	88,460	47,699	48,871	29,870	31,429	4,400	4,518	3,477	3,642
<b>White-collar workers</b> .....	41,878	43,221	20,480	20,582	19,056	20,230	633	671	1,711	1,739
Professional and technical .....	12,218	12,901	7,216	7,435	4,814	5,277	96	82	92	107
Health workers .....	2,155	2,351	777	824	1,364	1,499	--	--	14	29
Teachers, except college .....	2,633	2,792	791	812	1,831	1,967	3	--	9	13
Other professional and technical .....	7,430	7,758	5,648	5,799	1,619	1,811	93	82	69	65
Managers and administrators, except farm .....	8,921	9,220	7,240	7,193	1,609	1,949	53	59	20	19
Self-employed workers .....	7,156	7,389	5,823	5,762	1,265	1,557	48	51	20	20
Retail trade .....	900	897	651	634	248	255	2	7	--	--
Self-employed workers, except retail trade .....	865	933	766	797	96	136	3	1	--	--
Sales workers .....	5,612	5,545	2,970	2,921	1,984	1,954	227	251	431	419
Retail trade .....	3,161	3,076	986	974	1,573	1,534	190	180	412	388
Other industries .....	2,452	2,469	1,984	1,947	411	420	37	71	20	31
Clerical workers .....	15,127	15,555	3,054	3,033	10,648	11,050	258	279	1,168	1,193
Stenographers, typists, and secretaries .....	4,421	4,509	75	65	3,982	4,058	5	3	360	382
Other clerical workers .....	10,706	11,046	2,979	2,968	6,666	6,992	253	276	808	811
<b>Blue-collar workers</b> .....	28,563	29,968	21,486	22,376	4,364	4,726	2,400	2,471	314	396
Craft and kindred workers .....	11,123	11,474	10,203	10,463	473	527	418	430	30	53
Carpenters .....	994	1,079	922	1,004	8	3	63	70	--	1
Construction craft, except carpenters .....	2,314	2,420	2,161	2,269	28	21	122	129	4	1
Mechanics and repairers .....	2,860	2,953	2,695	2,787	25	28	136	137	4	2
Metal craft .....	1,109	1,147	1,067	1,083	19	36	23	25	1	3
Blue-collar worker supervisors, not elsewhere classified .....	1,402	1,472	1,294	1,335	104	123	5	4	--	10
All other .....	2,444	2,403	2,065	1,984	289	316	69	66	21	37
Operatives, except transport .....	9,527	10,360	5,264	5,715	3,450	3,708	627	684	186	253
Durable goods manufacturing .....	4,044	4,620	2,663	2,955	1,180	1,375	158	216	43	76
Nondurable goods manufacturing .....	3,029	3,325	1,163	1,302	1,674	1,776	120	118	73	129
Other industries .....	2,454	2,415	1,438	1,458	596	557	349	350	70	48
Transport equipment operatives .....	3,210	3,371	2,881	3,012	141	175	175	174	13	9
Drivers, motor vehicles .....	2,771	2,834	2,460	2,524	139	167	160	135	11	9
All other .....	439	536	421	488	2	8	15	40	2	--
Nonfarm laborers .....	4,703	4,764	3,138	3,185	300	317	1,180	1,182	85	81
Construction .....	868	873	673	670	--	6	190	190	4	7
Manufacturing .....	1,008	1,105	747	827	107	134	138	137	16	6
Other industries .....	2,827	2,787	1,718	1,688	193	176	852	855	64	68
<b>Service workers</b> .....	11,617	12,048	3,452	3,661	5,944	5,996	870	975	1,351	1,416
Private household workers .....	1,216	1,118	22	18	893	810	8	10	293	280
Service workers, except private household .....	10,401	10,930	3,430	3,644	5,051	5,186	862	965	1,057	1,136
Food service workers .....	3,703	3,935	620	699	1,879	1,932	510	562	694	743
Protective service workers .....	1,251	1,304	1,166	1,195	63	75	21	29	1	4
All other .....	5,447	5,691	1,644	1,750	3,109	1,179	331	374	362	389
<b>Farm workers</b> .....	3,385	3,222	2,281	2,252	506	477	497	401	101	92
Farmers and farm managers .....	1,684	1,619	1,526	1,504	124	93	31	19	3	4
Farm laborers and supervisors .....	1,701	1,602	755	748	382	384	466	382	99	88
Paid workers .....	1,197	1,156	698	690	116	126	320	274	64	66
Unpaid family workers .....	504	446	57	58	266	258	146	108	35	22

# HOUSEHOLD DATA

## A-22. Employed persons by occupation, sex, and race

[Percent distribution]

Occupation and race	Total		Males		Females	
	June 1975	June 1976	June 1975	June 1976	June 1975	June 1976
<b>TOTAL</b>						
Total employed (thousands)	85,444	88,460	52,098	53,389	33,347	35,071
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.0	48.9	40.5	39.8	62.3	62.6
Professional and technical	14.3	14.6	14.0	14.1	14.7	15.4
Managers and administrators, except farm	10.4	10.4	14.0	13.6	4.9	5.6
Sales workers	6.6	6.3	6.1	5.9	7.2	6.8
Clerical workers	17.7	17.6	6.4	6.2	35.4	34.9
Blue-collar workers	33.4	33.9	45.8	46.5	14.0	14.6
Craft and kindred workers	13.0	13.0	20.4	20.4	1.5	1.7
Operatives, except transport	11.1	11.7	11.3	12.0	10.9	11.3
Transport equipment operatives	3.8	3.8	5.9	6.0	.5	.5
Nonfarm laborers	5.5	5.4	8.3	8.2	1.2	1.1
Service workers	13.6	13.6	8.3	8.7	21.9	21.1
Private household workers	1.4	1.3	(1)	.1	3.6	3.1
Other service workers	12.2	12.4	8.2	8.6	18.3	18.0
Farm workers	4.0	3.6	5.3	5.0	1.8	1.6
Farmers and farm managers	2.0	1.8	3.0	2.9	.4	.3
Farm laborers and supervisors	2.0	1.8	2.3	2.1	1.4	1.3
<b>White</b>						
Total employed (thousands)	76,327	78,987	47,117	48,236	29,210	30,751
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.8	50.7	42.1	41.4	64.9	65.2
Professional and technical	14.7	15.0	14.5	14.6	15.0	15.7
Managers and administrators, except farm	11.2	11.2	14.9	14.5	5.2	6.0
Sales workers	7.0	6.7	6.5	6.3	7.8	7.4
Clerical workers	17.9	17.7	6.2	6.0	36.8	36.1
Blue-collar workers	33.0	33.3	45.0	45.6	13.5	14.1
Craft and kindred workers	13.5	13.4	20.9	20.9	1.5	1.7
Operatives, except transport	10.7	11.2	11.0	11.5	10.4	10.7
Transport equipment operatives	3.7	3.7	5.6	5.6	.5	.5
Nonfarm laborers	5.1	5.0	7.5	7.5	1.2	1.1
Service workers	12.2	12.2	7.5	7.9	19.8	19.1
Private household workers	1.0	.9	(1)	(1)	2.5	2.2
Other service workers	11.2	11.3	7.4	7.8	17.2	16.9
Farm workers	4.1	3.8	5.4	5.1	1.9	1.7
Farmers and farm managers	2.1	2.0	3.2	3.0	.4	.3
Farm laborers and supervisors	1.9	1.8	2.3	2.1	1.4	1.3
<b>Black and other</b>						
Total employed (thousands)	9,117	9,473	4,981	5,153	4,136	4,320
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	33.9	33.7	25.5	24.6	44.0	44.5
Professional and technical	11.0	10.9	9.7	8.9	12.6	13.2
Managers and administrators, except farm	4.3	4.0	5.7	5.1	2.6	2.8
Sales workers	2.9	2.5	2.7	2.7	3.3	2.4
Clerical workers	15.7	16.2	7.5	7.9	25.6	26.1
Blue-collar workers	37.4	38.4	53.9	55.2	17.6	18.4
Craft and kindred workers	9.1	9.0	15.6	15.6	1.4	1.1
Operatives, except transport	14.6	15.9	14.4	16.3	14.8	15.4
Transport equipment operatives	4.6	5.0	8.0	9.0	.4	.4
Nonfarm laborers	9.1	8.5	15.8	14.3	1.1	1.6
Service workers	25.5	25.7	16.0	16.5	36.9	35.8
Private household workers	5.0	4.4	.2	.1	10.8	9.5
Other service workers	20.5	20.9	15.8	16.4	26.1	26.3
Farm workers	3.2	2.6	4.6	3.7	1.5	1.3
Farmers and farm managers	.8	.7	1.5	1.4	--	--
Farm laborers and supervisors	2.4	1.9	3.1	2.3	1.5	1.3

<sup>1</sup> Less than 0.05 percent.

# HOUSEHOLD DATA

## A-23. Employed persons by class of worker, age, and sex

[In thousands]

Age and sex	June 1976								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total, 16 years and over</b>	78,463	1,431	14,537	62,495	5,748	469	1,533	1,777	469
16 to 19 years	7,404	427	585	6,392	112	48	415	48	133
16 to 17 years	2,891	326	197	2,368	46	30	235	26	85
18 to 19 years	4,514	101	388	4,025	65	18	179	22	48
20 to 24 years	11,937	86	1,707	10,144	255	34	312	97	50
25 to 34 years	19,861	129	4,083	15,649	1,207	69	288	239	57
35 to 44 years	14,367	174	2,943	11,250	1,230	104	175	289	56
45 to 54 years	14,061	195	3,001	10,865	1,390	128	168	430	87
55 to 64 years	9,017	227	1,931	6,860	1,043	70	103	396	67
55 to 59 years	5,625	116	1,237	4,273	599	38	52	221	32
60 to 64 years	3,392	111	694	2,587	444	32	51	175	35
65 years and over	1,816	194	287	1,335	512	16	72	278	20
<b>Males, 16 years and over</b>	46,046	249	7,627	38,170	4,202	69	1,245	1,658	169
16 to 19 years	3,939	129	276	3,533	65	30	333	41	110
16 to 17 years	1,566	98	107	1,361	18	19	188	25	71
18 to 19 years	2,373	32	169	2,172	47	11	145	16	39
20 to 24 years	6,465	21	733	5,711	173	14	253	96	34
25 to 34 years	12,223	17	2,185	10,021	851	8	242	226	11
35 to 44 years	8,576	14	1,534	7,028	928	1	143	255	--
45 to 54 years	8,406	20	1,624	6,762	1,028	6	124	401	5
55 to 64 years	5,419	17	1,105	4,298	785	8	89	372	6
55 to 59 years	3,353	6	702	2,645	445	1	43	204	1
60 to 64 years	2,066	11	402	1,653	340	7	46	168	4
65 years and over	1,017	30	170	817	372	4	62	267	5
<b>Females, 16 years and over</b>	32,418	1,183	6,910	24,325	1,546	400	288	120	301
16 to 19 years	3,465	298	309	2,859	47	18	82	7	23
16 to 17 years	1,325	228	90	1,006	29	11	48	1	14
18 to 19 years	2,141	70	219	1,853	18	7	34	7	9
20 to 24 years	5,472	65	974	4,433	82	20	60	2	17
25 to 34 years	7,639	112	1,898	5,629	355	62	46	12	46
35 to 44 years	5,790	160	1,409	4,221	301	104	33	34	57
45 to 54 years	5,655	175	1,377	4,104	362	122	43	30	82
55 to 64 years	3,598	210	826	2,562	258	14	24	24	61
55 to 59 years	2,272	110	534	1,627	154	37	9	17	31
60 to 64 years	1,326	100	292	935	104	25	5	7	31
65 years and over	798	164	117	517	140	12	10	11	15

## A-24. Employed persons by industry and occupation

[In thousands]

Industry	June 1976											
	Total employed	White-collar workers				Blue-collar workers			Service workers		Farm workers	
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers		Other service workers
Agriculture	3,780	61	41	--	78	38	5	42	282	--	12	3,222
Mining	767	89	68	--	88	223	224	42	21	--	12	--
Construction	3,483	185	594	20	417	2,980	228	164	873	--	21	--
Manufacturing	20,311	2,058	1,295	451	2,382	3,937	7,945	743	1,105	--	396	--
Durable goods	12,071	1,338	740	148	1,350	2,553	4,620	381	704	--	238	--
Nondurable goods	8,239	720	555	303	1,032	1,384	3,325	362	400	--	158	--
Transportation and public utilities	5,599	451	492	38	1,252	1,282	169	1,318	439	--	157	--
Wholesale and retail trade	18,254	341	3,430	3,886	3,057	1,397	1,101	794	1,133	--	3,115	--
Wholesale trade	3,511	130	676	810	736	311	187	395	242	--	24	--
Retail trade	14,743	212	2,754	3,076	2,321	1,085	914	399	892	--	3,091	--
Finance, insurance, and real estate	4,829	260	963	1,019	2,149	102	--	10	112	--	215	--
Services	24,545	8,544	1,755	133	4,308	1,230	647	209	636	1,118	5,967	--
Private households	1,453	6	--	1	14	17	--	10	217	1,118	71	--
Other service industries	23,092	8,538	1,755	132	4,294	1,213	647	199	419	--	5,896	--
Public administration	4,893	912	581	--	1,824	285	42	49	163	--	1,036	--

**A-25. Employed persons with a job but not at work by reason, pay status, and sex**

[In thousands]

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers <sup>1</sup>			
	June 1975				June 1976		Paid absences <sup>2</sup>	
			June 1975	June 1976			June 1975	June 1976
Total	6,064	6,082	5,942	5,992	3,209	3,012	2,305	2,571
Vacation	3,874	3,724	3,843	3,691	2,515	2,358	1,157	1,172
Illness	1,194	1,320	1,167	1,289	498	473	598	726
Bad weather	80	26	46	22	--	--	--	--
Industrial dispute	69	130	69	130	--	--	--	--
All other reasons	846	881	818	861	196	181	550	673
<b>Males</b>	3,078	3,020	2,964	2,948	1,836	1,726	877	1,001
Vacation	1,821	1,757	1,793	1,732	1,390	1,314	315	329
Illness	723	763	696	733	326	315	324	368
All other reasons <sup>3</sup>	534	500	475	483	119	97	238	304
<b>Females</b>	2,986	3,062	2,978	3,044	1,373	1,286	1,430	1,571
Vacation	2,054	1,967	2,050	1,959	1,124	1,044	843	844
Illness	470	558	470	556	172	158	274	358
All other reasons <sup>3</sup>	462	537	458	529	77	83	313	369

<sup>1</sup>Excludes private household.

<sup>3</sup>Includes bad weather and industrial dispute, not shown separately.

<sup>2</sup>Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

**A-26. Persons at work by type of industry and hours of work**

Hours of work	June 1976					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	82,378	78,688	3,690	100.0	100.0	100.0
1-34 hours	18,621	17,674	945	22.6	22.5	25.6
1-4 hours	762	712	50	.9	.9	1.4
5-14 hours	3,475	3,266	208	4.2	4.2	5.6
15-29 hours	9,122	8,673	449	11.1	11.0	12.2
30-34 hours	5,262	5,023	238	6.4	6.4	6.4
35 hours and over	63,758	61,014	2,745	77.4	77.5	74.4
35-39 hours	6,082	5,892	190	7.4	7.5	5.1
40 hours	35,866	35,416	451	43.5	43.0	12.2
41 hours and over	21,810	19,706	2,104	26.5	25.0	37.0
41 to 48 hours	8,442	8,151	291	10.2	10.4	7.9
49 to 59 hours	7,200	6,736	464	8.7	8.6	12.6
60 hours and over	6,168	4,819	1,349	7.5	6.1	36.6
Average hours, total at work	39.2	38.8	48.5	--	--	--
Average hours, workers on full-time schedules	43.4	42.8	56.7	--	--	--

# HOUSEHOLD DATA

## A-27. Persons at work 1 - 34 hours by usual status and reason working less than 35 hours

[Numbers in thousands]

Reasons working less than 35 hours	June 1976					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	18,620	5,833	12,787	17,675	5,571	12,104
Economic reasons	3,958	1,533	2,425	3,669	1,400	2,269
Slack work	1,616	1,006	610	1,458	905	553
Material shortages or repairs to plant and equipment	68	68	--	63	63	--
New job started during week	327	327	--	303	303	--
Job terminated during week	133	133	--	129	129	--
Could find only part-time work	1,815	--	1,815	1,716	--	1,716
Other reasons	14,662	4,300	10,362	14,006	4,171	9,835
Does not want, or unavailable for, full-time work	8,250	--	8,250	7,860	--	7,860
Vacation	1,118	1,118	--	1,102	1,102	--
Illness	1,450	1,246	204	1,387	1,224	163
Bad weather	201	201	--	157	157	--
Industrial dispute	30	30	--	30	30	--
Legal or religious holiday	183	183	--	179	179	--
Full time for this job	1,378	--	1,378	1,345	--	1,345
All other reasons	2,052	1,522	530	1,945	1,478	467
Average hours:						
Economic reasons	20.8	23.4	19.1	20.9	23.6	19.2
Other reasons	21.0	26.0	18.9	21.0	26.1	18.9
Worked 30 to 34 hours:						
Economic reasons	1,080	601	479	1,010	560	450
Other reasons	4,182	2,258	1,924	4,013	2,218	1,795

## A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	June 1976								
	Total at work	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
		On part time for economic reasons	On voluntary part time	On full-time schedules					
Total	40 hours or less			41 to 48 hours	49 hours or more				
Total <sup>1</sup>	78,688	3,669	9,835	65,184	45,478	8,151	11,555	38.8	42.8
Wage and salary workers	72,837	3,346	8,762	51,253	43,602	7,651	9,476	38.5	42.3
Construction	4,343	347	187	3,809	2,811	420	578	39.3	41.9
Manufacturing	18,827	539	495	17,793	12,823	2,591	2,379	40.9	42.0
Durable goods	11,236	218	202	10,816	7,778	1,549	1,489	41.4	42.1
Nondurable goods	7,591	322	293	6,976	5,045	1,041	890	40.3	42.0
Transportation and public utilities	4,933	141	249	4,543	3,240	475	828	41.5	43.3
Wholesale and retail trade	15,393	1,057	3,221	11,115	6,952	1,843	2,320	36.9	43.4
Finance, insurance, and real estate	4,263	70	416	3,777	2,807	432	536	39.1	41.6
Service industries	19,809	1,101	3,940	14,768	11,195	1,403	2,170	35.8	41.7
Private households	1,388	258	690	440	290	36	114	23.2	44.8
All other industries	18,421	843	3,250	14,328	10,905	1,367	2,056	36.7	41.6
Public administration	4,590	74	248	4,268	3,353	398	517	39.9	41.6
Self-employed workers	5,382	309	881	4,192	1,753	468	1,971	42.6	49.8
Unpaid family workers	469	14	192	263	123	32	108	37.4	49.4

<sup>1</sup> Includes mining not shown separately.

# HOUSEHOLD DATA

## A-29. Persons at work in nonagricultural industries by full- or part-time status, sex, age, race, and marital status

[Numbers in thousands]

Sex, age, race, and marital status	June 1976							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
<b>TOTAL</b>								
Both sexes, 16 years and over	78,688	3,669	9,835	65,184	45,478	19,706	38.8	42.8
16 to 21 years	11,967	1,406	3,183	7,378	5,714	1,664	32.3	41.0
16 to 19 years	7,283	1,076	2,603	3,604	2,818	786	29.1	40.6
16 to 17 years	2,859	483	1,533	843	651	192	23.2	39.9
18 to 19 years	4,423	594	1,070	2,759	2,165	594	32.9	40.8
20 years and over	71,405	2,592	7,232	61,581	42,662	18,919	39.7	42.9
20 to 24 years	11,552	724	1,144	9,684	7,251	2,433	38.3	41.7
25 years and over	59,853	1,868	6,088	51,897	35,411	16,486	40.0	43.1
25 to 44 years	34,056	1,029	2,869	30,158	20,301	9,857	40.6	43.2
45 to 64 years	23,655	761	2,244	20,650	14,383	6,267	40.1	43.0
65 years and over	2,143	81	976	1,086	723	363	30.2	43.3
<b>Males, 16 years and over</b>	<b>47,369</b>	<b>1,805</b>	<b>2,940</b>	<b>42,624</b>	<b>26,753</b>	<b>15,871</b>	<b>41.7</b>	<b>44.2</b>
16 to 21 years	6,423	742	1,441	4,240	3,004	1,236	34.0	41.9
16 to 19 years	3,899	563	1,221	2,115	1,526	589	30.8	41.5
16 to 17 years	1,547	263	748	536	387	149	25.0	40.6
18 to 19 years	2,352	300	474	1,578	1,138	440	34.6	41.7
20 years and over	43,470	1,242	1,719	40,509	25,226	15,283	42.7	44.3
20 to 24 years	6,359	388	413	5,558	3,708	1,850	40.2	43.0
25 years and over	37,111	854	1,306	34,951	21,518	13,433	43.1	44.5
25 to 44 years	21,239	485	384	20,370	12,201	8,169	43.8	44.7
45 to 64 years	14,580	329	399	13,852	8,834	5,018	34.1	44.2
65 years and over	1,291	41	523	727	482	245	32.1	43.5
<b>Females, 16 years and over</b>	<b>31,319</b>	<b>1,863</b>	<b>6,895</b>	<b>22,561</b>	<b>18,728</b>	<b>3,833</b>	<b>34.3</b>	<b>40.1</b>
16 to 21 years	5,544	663	1,743	3,138	2,713	425	30.3	39.7
16 to 19 years	3,383	513	1,382	1,488	1,290	198	27.1	39.3
16 to 17 years	1,312	220	785	307	265	42	21.1	38.6
18 to 19 years	2,071	294	596	1,181	1,027	154	30.9	39.5
20 years and over	27,936	1,350	5,513	21,073	17,437	3,636	35.2	40.2
20 to 24 years	5,193	335	732	4,126	3,543	583	35.9	39.8
25 years and over	22,743	1,015	4,781	16,947	13,894	3,053	35.0	40.3
25 to 44 years	12,816	544	2,485	9,787	8,100	1,687	35.3	40.2
45 to 64 years	9,076	432	1,844	6,800	5,553	1,247	35.4	40.3
65 years and over	851	40	453	358	240	118	27.4	43.0
<b>RACE</b>								
White	70,152	3,073	8,929	58,150	39,657	18,493	39.0	43.0
Males	42,738	1,515	2,640	38,583	23,591	14,992	42.0	44.4
Females	27,414	1,557	6,289	19,568	16,067	3,501	34.3	40.3
Black and other	8,535	596	906	7,033	5,820	1,213	37.0	40.7
Males	4,631	290	300	4,041	4,162	879	38.9	41.6
Females	3,905	306	606	2,993	2,661	332	34.8	39.4
<b>MARITAL STATUS</b>								
<b>Males:</b>								
Married, spouse present	34,043	749	1,011	32,283	19,571	12,712	43.3	44.6
Widowed, divorced, or separated	3,145	136	198	2,811	1,739	1,072	41.7	44.3
Single (never married)	10,181	919	1,732	7,530	5,442	2,088	36.1	42.2
<b>Females:</b>								
Married, spouse present	17,347	777	4,146	12,424	10,417	2,007	34.3	40.0
Widowed, divorced, or separated	5,908	309	889	4,710	3,720	990	36.5	40.7
Single (never married)	8,064	778	1,860	5,426	4,588	838	32.9	40.1



# HOUSEHOLD DATA

## A-30. Persons at work in nonfarm occupations by full- or part-time status and sex

(Numbers in thousands)

Occupational group and sex	June 1976								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
<b>TOTAL</b>									
White-collar workers	39,910	1,046	5,174	33,690	23,085	3,837	6,768	39.4	43.1
Professional and technical	11,400	236	1,207	9,957	6,958	1,061	1,938	39.5	42.6
Managers and administrators, except farm	8,763	84	328	8,351	3,982	1,255	3,114	46.3	47.6
Sales workers	5,197	254	1,194	3,749	2,197	553	999	37.0	44.0
Clerical workers	14,550	472	2,446	11,632	9,946	969	717	36.1	40.0
Blue-collar workers	28,137	1,632	1,624	24,881	17,352	3,605	3,924	40.0	42.6
Craft and kindred workers	10,809	488	344	9,977	6,851	1,422	1,704	41.1	42.8
Operatives, except transport	9,719	534	435	8,750	6,512	1,281	957	39.8	41.7
Transport equipment operatives	3,105	164	196	2,745	1,441	451	853	42.9	46.0
Nonfarm laborers	4,504	446	648	3,410	2,549	451	410	35.8	41.4
Service workers	11,168	1,046	3,137	6,985	5,231	754	1,000	33.4	42.2
Private household	1,074	176	548	350	235	28	87	23.4	44.0
Other service workers	10,095	870	2,589	6,636	4,997	726	913	34.4	42.1
<b>Males</b>									
White-collar workers	20,013	280	1,061	18,672	10,569	2,531	5,572	43.7	45.5
Professional and technical	6,970	91	372	6,507	4,172	725	1,610	42.4	44.1
Managers and administrators, except farm	6,917	53	143	6,721	2,966	1,011	2,744	47.6	48.4
Sales workers	3,044	74	291	2,679	1,332	450	897	42.4	45.7
Clerical workers	3,082	62	254	2,766	2,099	346	321	39.3	41.6
Blue-collar workers	23,390	1,237	1,203	20,950	14,101	3,123	3,726	40.6	43.0
Craft and kindred workers	10,287	446	266	9,575	6,543	1,361	1,671	41.4	42.9
Operatives, except transport	6,021	226	219	5,576	3,844	897	835	41.2	42.8
Transport equipment operatives	2,956	154	136	2,666	1,391	445	830	43.4	46.1
Nonfarm laborers	4,126	411	582	3,133	2,322	421	390	35.9	41.5
Service workers	4,364	340	740	3,284	2,209	432	643	37.9	43.9
Private household	26	10	6	10	5	--	5	30.1	54.8
Other service workers	4,338	330	734	3,274	2,205	432	637	37.9	43.9
<b>Females</b>									
White-collar workers	19,897	767	4,114	15,016	12,515	1,306	1,195	35.1	40.1
Professional and technical	4,430	146	835	3,449	2,785	336	328	34.9	39.7
Managers and administrators, except farm	1,846	319	184	1,631	1,016	224	371	41.3	44.0
Sales workers	2,153	179	903	1,071	867	103	101	29.4	39.8
Clerical workers	11,468	410	2,191	8,867	7,849	623	395	35.2	39.5
Blue-collar workers	4,747	395	421	3,931	3,253	481	197	36.8	40.0
Craft and kindred workers	523	42	78	403	310	61	32	35.9	40.8
Operatives, except transport	3,698	308	217	3,173	2,667	384	122	37.4	39.7
Transport equipment operatives	148	10	60	78	50	6	22	32.2	44.1
Nonfarm laborers	377	35	67	275	224	30	21	34.5	40.5
Service workers	6,804	706	2,398	3,700	3,022	322	356	30.5	40.7
Private household	1,048	166	542	340	230	28	82	23.3	43.7
Other service workers	5,756	540	1,855	3,361	2,793	294	274	31.8	40.3

## HOUSEHOLD DATA

## A-31. Employment status of 14-15 year-olds by sex and race

[Numbers in thousands]

Employment status	June 1976								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population .....	8,442	4,296	4,145	7,125	3,636	3,489	1,317	661	656
Civilian labor force .....	2,304	1,385	919	2,054	1,239	815	250	146	104
Employed .....	1,788	1,081	707	1,702	1,023	679	86	58	27
Agriculture .....	359	311	48	326	288	38	33	23	11
Nonagricultural industries .....	1,429	770	659	1,376	735	642	53	36	17
Unemployed .....	516	304	213	352	216	136	164	88	76
Unemployment rate .....	22.4	22.0	23.2	17.1	17.4	16.7	65.6	60.3	73.1
Not in labor force .....	6,138	2,912	3,226	5,071	2,397	2,674	1,067	515	552
Keeping house .....	267	26	241	201	18	182	67	8	59
Going to school .....	3,248	1,579	1,669	2,650	1,269	1,381	598	311	288
Unable to work .....	9	6	2	6	4	2	2	2	--
All other reasons .....	2,614	1,300	1,314	2,214	1,106	1,108	400	194	206

## A-32. Employed 14-15 year-olds by sex, class of worker, and occupation

Characteristics	June 1976					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total .....	1,788	1,081	707	100.0	100.0	100.0
Nonagricultural industries .....	1,429	770	659	79.9	71.2	93.2
Wage and salary workers .....	1,310	674	636	73.3	62.3	90.2
Private household workers .....	615	218	398	34.4	20.2	56.4
Government workers .....	49	25	24	2.7	2.3	3.4
Other wage and salary workers .....	646	431	215	36.1	39.9	30.5
Self-employed workers .....	83	71	12	4.6	6.6	1.7
Unpaid family workers .....	36	25	10	2.0	2.3	1.4
Agriculture .....	359	311	48	20.1	28.8	6.8
Wage and salary workers .....	217	179	38	12.1	16.6	5.4
Self-employed workers .....	45	43	3	2.5	4.0	.4
Unpaid family workers .....	97	89	7	5.4	8.2	1.0
<b>OCCUPATION</b>						
Total .....	1,788	1,081	707	100.0	100.0	100.0
White-collar workers .....	331	227	104	18.5	21.0	14.8
Professional and technical .....	26	20	6	1.5	1.9	.9
Managers and administrators, except farm .....	5	2	3	.3	.2	.4
Sales workers .....	241	191	51	13.5	17.7	7.2
Clerical workers .....	59	14	44	3.3	1.3	6.2
Blue-collar workers .....	458	424	34	25.6	39.2	4.8
Craft and kindred workers .....	18	17	1	1.0	1.6	.1
Operatives, except transport .....	50	41	9	2.8	3.8	1.3
Transport equipment operatives .....	5	5	--	.3	.5	--
Nonfarm laborers .....	385	361	24	21.6	33.4	3.4
Service workers .....	691	169	522	38.7	15.6	74.0
Private household workers .....	415	25	390	23.2	2.3	55.3
Other service workers .....	276	144	132	15.5	13.3	18.7
Farm workers .....	307	261	46	17.1	24.1	6.4
Farmers and farm managers .....	6	5	1	.3	.5	.1
Farm laborers and supervisors .....	300	256	44	16.8	23.7	6.2

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**

**A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted**

[Numbers in thousands]

Employment status	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>Total noninstitutional population<sup>1</sup></b>	153,278	153,585	153,824	154,052	154,256	154,476	154,700	154,915	155,106	155,325	155,516	155,711	155,925
<b>Total labor force</b>	94,747	95,249	95,397	95,298	95,377	95,272	95,286	95,624	95,601	95,866	96,583	96,699	96,780
Percent of total population	61.8	62.0	62.0	61.9	61.8	61.7	61.6	61.7	61.6	61.7	62.1	62.1	62.1
<b>Civilian noninstitutional population<sup>1</sup></b>	151,100	151,399	151,639	151,882	152,092	152,320	152,543	152,775	152,960	153,178	153,371	153,570	153,788
<b>Civilian labor force</b>	92,569	93,063	93,212	93,128	93,213	93,117	93,129	93,484	93,455	93,719	94,439	94,557	94,643
Percent of civilian population	61.3	61.5	61.5	61.3	61.3	61.1	61.1	61.2	61.1	61.2	61.6	61.6	61.5
<b>Employed</b>	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	86,692	87,399	87,697	87,500
Percent of civilian population	55.9	56.1	56.2	56.1	56.0	55.9	56.0	56.4	56.4	56.6	57.0	57.1	56.9
<b>Agriculture</b>	3,350	3,439	3,464	3,512	3,408	3,301	3,236	3,343	3,170	3,179	3,417	3,329	3,294
<b>Nonagricultural industries</b>	81,148	81,528	81,824	81,646	81,743	81,877	82,158	82,851	83,149	83,541	83,982	84,368	84,206
<b>Unemployed</b>	8,071	8,096	7,924	7,970	8,062	7,939	7,735	7,290	7,136	7,027	7,040	6,860	7,143
Unemployment rate	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	7.5	7.5	7.3	7.5
<b>Not in labor force</b>	58,531	58,336	58,427	58,754	58,879	59,203	59,414	59,291	59,505	59,459	58,932	59,013	59,145
<b>Males, 20 years and over</b>													
<b>Total noninstitutional population<sup>1</sup></b>	65,000	65,128	65,234	65,353	65,444	65,542	65,643	65,739	65,821	65,920	66,002	66,087	66,182
<b>Total labor force</b>	52,519	52,848	52,866	52,931	52,944	52,888	52,651	52,576	52,603	52,623	53,010	53,144	53,144
Percent of total population	80.8	81.1	81.0	81.0	80.9	80.7	80.2	80.0	79.9	79.8	80.3	80.4	80.3
<b>Civilian noninstitutional population<sup>1</sup></b>	63,282	63,403	63,498	63,629	63,725	63,830	63,929	64,055	64,133	64,230	64,311	64,398	64,492
<b>Civilian labor force</b>	50,801	51,123	51,130	51,208	51,225	51,176	50,937	50,892	50,934	50,934	51,319	51,455	51,454
Percent of civilian population	80.3	80.6	80.5	80.5	80.4	80.2	79.7	79.5	79.4	79.3	79.8	79.9	79.8
<b>Employed</b>	47,250	47,481	47,655	47,516	47,513	47,521	47,586	47,916	47,997	48,081	48,524	48,596	48,391
Agriculture	2,413	2,443	2,461	2,473	2,430	2,386	2,316	2,351	2,305	2,301	2,405	2,427	2,430
<b>Nonagricultural industries</b>	44,837	45,038	45,194	45,043	45,083	45,135	45,270	45,565	45,692	45,780	46,119	46,169	45,961
<b>Unemployed</b>	3,551	3,642	3,475	3,692	3,712	3,655	3,351	2,976	2,917	2,853	2,795	2,859	3,063
Unemployment rate	7.0	7.1	6.8	7.2	7.2	7.1	6.6	5.8	5.7	5.6	5.4	5.6	6.0
<b>Not in labor force</b>	12,481	12,280	12,368	12,421	12,500	12,654	12,992	13,163	13,219	13,296	12,992	12,943	13,038
<b>Females, 20 years and over</b>													
<b>Civilian noninstitutional population<sup>1</sup></b>	71,574	71,729	71,839	71,926	72,029	72,139	72,251	72,354	72,452	72,561	72,653	72,753	72,857
<b>Civilian labor force</b>	32,964	33,097	33,227	33,121	33,236	33,256	33,415	33,683	33,687	33,865	34,019	33,972	34,290
Percent of population	46.1	46.1	46.3	46.0	46.1	46.1	46.2	46.6	46.5	46.7	46.8	46.7	47.1
<b>Employed</b>	30,266	30,453	30,607	30,551	30,621	30,619	30,755	31,140	31,165	31,398	31,523	31,664	31,845
Agriculture	494	521	542	536	534	491	483	545	420	442	540	473	479
<b>Nonagricultural industries</b>	29,772	29,932	30,065	30,015	30,087	30,128	30,272	30,595	30,745	30,956	30,983	31,191	31,366
<b>Unemployed</b>	2,698	2,644	2,620	2,570	2,615	2,637	2,660	2,543	2,522	2,467	2,496	2,308	2,445
Unemployment rate	8.2	8.0	7.9	7.8	7.9	7.9	8.0	7.5	7.5	7.3	7.3	6.8	7.1
<b>Not in labor force</b>	38,610	38,632	38,612	38,805	38,793	38,883	38,836	38,671	38,765	38,696	38,634	38,781	38,567
<b>Both sexes, 16-19 years</b>													
<b>Civilian noninstitutional population<sup>1</sup></b>	16,244	16,267	16,302	16,327	16,338	16,352	16,363	16,366	16,376	16,387	16,407	16,419	16,439
<b>Civilian labor force</b>	8,804	8,843	8,855	8,799	8,752	8,685	8,777	8,909	8,854	8,920	9,101	9,130	8,899
Percent of population	54.2	54.4	54.3	53.9	53.6	53.1	53.6	54.4	54.1	54.4	55.5	55.6	54.1
<b>Employed</b>	6,982	7,033	7,026	7,091	7,017	7,038	7,053	7,138	7,157	7,213	7,352	7,437	7,264
Agriculture	443	475	461	503	444	424	437	447	445	436	472	429	385
<b>Nonagricultural industries</b>	6,539	6,558	6,565	6,588	6,573	6,614	6,616	6,691	6,712	6,777	6,880	7,008	6,879
<b>Unemployed</b>	1,822	1,810	1,829	1,708	1,735	1,647	1,724	1,771	1,697	1,707	1,749	1,693	1,635
Unemployment rate	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	19.1	19.2	18.5	18.4
<b>Not in labor force</b>	7,440	7,424	7,447	7,528	7,586	7,667	7,586	7,457	7,522	7,467	7,306	7,289	7,540

<sup>1</sup> Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series. c=corrected.

**A-34. Full- and part-time status of the civilian labor force, seasonally adjusted**

[Numbers in thousands]

Full- and part-time employment status	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>FULL TIME</b>													
<b>Total, 16 years and over:</b>													
<b>Civilian labor force</b>	78,723	79,004	79,348	79,593	79,790	79,738	79,824	79,801	79,900	80,283	80,633	80,750	79,144
<b>Employed</b>	72,078	72,311	72,882	72,899	73,032	73,112	73,500	73,962	74,222	74,646	75,024	75,299	73,308
<b>Unemployed</b>	6,645	6,693	6,466	6,694	6,758	6,626	6,324	5,839	5,678	5,637	5,609	5,451	5,836
Unemployment rate	8.4	8.5	8.1	8.4	8.5	8.3	7.9	7.3	7.1	7.0	7.0	6.8	7.4
<b>PART TIME</b>													
<b>Total, 16 years and over:</b>													
<b>Civilian labor force</b>	13,838	14,165	13,969	13,743	13,534	13,411	13,295	13,760	13,657	13,480	13,911	13,651	14,150
<b>Employed</b>	12,441	12,769	12,524	12,389	12,127	12,049	11,893	12,317	12,231	12,098	12,425	12,263	12,875
<b>Unemployed</b>	1,397	1,396	1,445	1,354	1,407	1,362	1,402	1,442	1,426	1,382	1,486	1,388	1,275
Unemployment rate	10.1	9.9	10.3	9.9	10.4	10.2	10.5	10.5	10.4	10.3	10.7	10.2	9.0

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-35. Employment status by race, sex, and age, seasonally adjusted**

[Numbers in thousands]

Characteristics	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force .....	82,044	82,520	82,556	82,478	82,725	82,517	82,474	82,738	82,715	82,961	83,451	83,642	83,805
Employed .....	75,457	75,831	76,130	76,041	76,077	76,059	76,223	76,839	77,101	77,282	77,867	78,087	78,120
Unemployed .....	6,587	6,689	6,426	6,437	6,648	6,458	6,251	5,899	5,614	5,679	5,584	5,555	5,685
Unemployment rate .....	8.0	8.1	7.8	7.8	8.0	7.8	7.6	7.1	6.8	6.8	6.7	6.6	6.8
<b>Males, 20 years and over:</b>													
Civilian labor force .....	45,623	45,831	45,822	45,888	46,025	45,878	45,631	45,620	45,659	45,726	45,954	46,098	46,140
Employed .....	42,688	42,774	42,949	42,840	42,920	42,905	42,954	43,229	43,363	43,399	43,685	43,730	43,658
Unemployed .....	2,935	3,057	2,873	3,048	3,105	2,973	2,677	2,391	2,296	2,327	2,269	2,368	2,482
Unemployment rate .....	6.4	6.7	6.3	6.6	6.7	6.5	5.9	5.2	5.0	5.1	4.9	5.1	5.4
<b>Females, 20 years and over:</b>													
Civilian labor force .....	28,575	28,732	28,808	28,703	28,886	28,882	29,012	29,137	29,137	29,276	29,379	29,403	29,673
Employed .....	26,405	26,577	26,738	26,703	26,726	26,724	26,830	27,086	27,177	27,291	27,410	27,542	27,754
Unemployed .....	2,170	2,155	2,070	2,000	2,160	2,158	2,182	2,051	1,960	1,985	1,969	1,861	1,919
Unemployment rate .....	7.6	7.5	7.2	7.0	7.5	7.5	7.5	7.0	6.7	6.8	6.7	6.3	6.5
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	7,846	7,957	7,926	7,887	7,814	7,757	7,831	7,981	7,919	7,959	8,118	8,141	7,992
Employed .....	6,364	6,480	6,443	6,498	6,431	6,430	6,439	6,439	6,524	6,592	6,772	6,815	6,708
Unemployed .....	1,482	1,477	1,483	1,389	1,383	1,327	1,392	1,457	1,358	1,367	1,346	1,326	1,284
Unemployment rate .....	18.9	18.6	18.7	17.6	17.7	17.1	17.8	18.3	17.1	17.2	16.6	16.3	16.1
<b>BLACK AND OTHER</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force .....	10,484	10,503	10,659	10,728	10,668	10,684	10,653	10,731	10,795	10,748	10,901	10,838	10,826
Employed .....	9,013	9,093	9,134	9,180	9,147	9,197	9,188	9,314	9,315	9,407	9,489	9,511	9,382
Unemployed .....	1,471	1,410	1,525	1,548	1,521	1,487	1,465	1,417	1,480	1,341	1,412	1,327	1,444
Unemployment rate .....	14.0	13.4	14.3	14.4	14.3	13.9	13.8	13.2	13.7	12.5	13.0	12.2	13.3
<b>Males, 20 years and over:</b>													
Civilian labor force .....	5,190	5,262	5,320	5,360	5,294	5,338	5,285	5,245	5,276	5,182	5,319	5,348	5,367
Employed .....	4,579	4,654	4,702	4,692	4,650	4,653	4,633	4,657	4,686	4,649	4,788	4,854	4,792
Unemployed .....	611	608	618	668	644	685	652	588	590	533	531	494	575
Unemployment rate .....	11.8	11.6	11.6	12.5	12.2	12.8	12.3	11.2	11.2	10.3	10.0	9.2	10.7
<b>Females, 20 years and over:</b>													
Civilian labor force .....	4,354	4,313	4,400	4,420	4,422	4,421	4,419	4,527	4,581	4,610	4,626	4,553	4,591
Employed .....	3,832	3,839	3,846	3,881	3,894	3,936	3,940	4,030	4,021	4,145	4,120	4,081	4,072
Unemployed .....	522	474	554	539	528	485	479	497	560	465	506	472	519
Unemployment rate .....	12.0	11.0	12.6	12.2	11.9	11.0	10.8	11.0	12.2	10.1	10.9	10.4	11.3
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force .....	940	928	939	948	952	925	949	959	938	956	956	937	868
Employed .....	602	600	586	607	603	608	615	627	608	613	581	576	518
Unemployed .....	338	328	353	341	349	317	334	332	330	343	375	361	350
Unemployment rate .....	36.0	35.3	37.6	36.0	36.7	34.3	35.2	34.6	35.2	35.9	39.2	38.5	40.3

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>Characteristics</b>													
Total (all civilian workers)	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	7.5	7.5	7.3	7.5
Males, 20 years and over	7.0	7.1	6.8	7.2	7.2	7.1	6.6	5.8	5.7	5.6	5.4	5.6	6.0
Females, 20 years and over	8.2	8.0	7.9	7.8	7.9	7.9	8.0	7.5	7.5	7.3	7.3	6.8	7.1
Both sexes, 16-19 years	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	19.1	19.2	18.5	18.4
White	8.0	8.1	7.8	7.8	8.0	7.8	7.6	7.1	6.8	6.8	6.7	6.6	6.8
Black and other	14.0	13.4	14.3	14.4	14.3	13.9	13.8	13.2	13.7	12.5	13.0	12.2	13.3
Household heads	6.1	6.1	5.7	6.0	6.0	5.8	5.7	5.1	4.9	5.0	4.8	4.8	5.1
Married men	5.5	5.5	5.2	5.5	5.3	5.1	4.8	4.1	4.1	4.1	3.9	4.0	4.4
Full-time workers	8.4	8.5	8.1	8.4	8.5	8.3	7.9	7.3	7.1	7.0	7.0	6.8	7.4
Part-time workers	10.1	9.9	10.3	9.9	10.4	10.2	10.5	10.5	10.4	10.3	10.7	10.2	9.0
Unemployed 15 weeks and over <sup>1</sup>	3.0	3.2	3.1	3.2	2.9	3.2	3.3	3.0	2.7	2.4	2.2	2.1	2.3
Labor force time lost <sup>2</sup>	8.9	8.9	8.9	9.1	9.4	9.3	8.9	8.4	8.1	8.2	8.2	8.1	7.7
<b>OCCUPATION</b>													
White-collar workers	4.8	4.8	4.6	4.8	4.8	4.8	4.8	4.7	4.6	4.6	4.8	4.6	4.4
Professional and technical	3.2	3.5	3.0	3.2	3.2	3.7	3.1	3.0	3.6	3.5	3.4	3.2	2.9
Managers and administrators, except farm	3.0	3.0	3.0	3.4	2.9	2.9	3.0	2.9	2.9	2.9	2.8	3.2	3.1
Sales workers	5.8	5.1	5.8	5.8	6.0	6.3	6.3	6.4	5.2	5.0	4.9	4.8	5.1
Clerical workers	6.7	6.8	6.5	6.5	6.7	6.4	6.6	6.4	6.1	6.3	7.0	6.4	6.1
Blue-collar workers	12.4	12.3	11.9	11.9	11.6	11.3	10.7	9.4	9.3	9.1	9.0	9.0	9.3
Craft and kindred workers	9.2	9.3	8.5	8.8	8.7	8.3	7.2	6.6	6.7	6.7	7.0	6.2	7.3
Operatives	13.9	13.4	13.3	13.2	12.5	12.4	12.2	10.2	9.8	9.8	9.3	9.5	9.8
Nonfarm laborers	15.8	16.0	16.2	15.7	16.4	15.5	14.9	14.1	14.1	12.9	13.2	14.0	12.7
Service workers	8.5	8.4	9.2	8.8	9.1	8.7	9.2	9.3	8.9	8.6	8.1	8.1	8.6
Farm workers	3.2	3.0	3.7	3.5	3.7	3.8	4.5	3.9	3.9	5.0	4.8	5.0	4.1
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>3</sup>	9.6	9.4	9.3	9.2	9.2	9.2	8.9	8.1	8.0	7.7	7.6	7.6	7.8
Construction	20.5	20.4	19.7	18.7	18.1	17.5	16.6	15.4	15.5c	16.0	15.3	14.1	17.0
Manufacturing	12.0	11.5	11.1	10.8	10.6	10.5	9.6	8.1	8.0	7.3	7.6	7.3	7.6
Durable goods	12.7	12.1	12.0	11.5	11.1	10.8	9.9	8.2	8.0	7.4	7.7	7.4	7.5
Nondurable goods	10.9	10.6	9.8	9.9	9.7	10.0	9.2	8.0	8.1	7.1	7.6	7.3	7.7
Transportation and public utilities	5.8	5.6	5.6	5.8	5.6	4.9	5.1	4.9	4.7	4.5	4.1	5.3	5.2
Wholesale and retail trade	8.5	8.4	8.9	8.9	9.1	9.4	9.4	8.7	8.4	8.7	8.3	8.1	8.2
Finance and service industries	6.6	6.5	6.2	6.5	7.0	7.0	7.0	7.0	6.8	6.1	6.2	6.4	6.3
Government workers	3.9	4.1	4.0	4.1	4.3	4.0	4.4	4.2	4.4	4.5	5.0	4.8	4.2
Agricultural wage and salary workers	10.1	9.3	10.5	10.6	10.7	10.2	12.4	10.8	10.6	11.8	11.6	13.1	10.9

<sup>1</sup> Unemployment as a percent of civilian labor force.

as a percent of potentially available labor force hours.

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons

<sup>3</sup> Includes mining, not shown separately.

c = corrected.

## A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>Duration</b>													
Less than 5 weeks	2,733	2,868	2,758	2,820	3,015	2,641	2,648	2,706	2,686	2,609	2,979	2,855	2,618
5 to 14 weeks	2,511	2,141	2,449	2,444	2,446	2,469	2,244	2,091	1,856	1,905	1,883	1,947	2,261
15 weeks and over	2,751	2,954	2,878	2,934	2,719	3,004	3,080	2,785	2,515	2,294	2,035	1,998*	2,215
15 to 26 weeks	1,480	1,600	1,431	1,352	1,238	1,286	1,413	1,155	957	903	669	830	914
27 weeks and over	1,271	1,354	1,447	1,582	1,481	1,718	1,667	1,630	1,558	1,391	1,366	1,168	1,301
Average (mean) duration, in weeks	15.3	15.1	15.5	16.2	15.6	16.9	17.0	16.9	16.2	15.8	15.7	15.0	16.9
<b>Percent distribution</b>													
Total unemployed	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
Less than 5 weeks	34.2	36.0	34.1	34.4	36.9	32.5	33.2	35.7	38.1	38.3	43.2	42.0	36.9
5 to 14 weeks	31.4	26.9	30.3	29.8	29.9	30.4	28.1	27.6	26.3	28.0	27.3	28.6	31.9
15 weeks and over	34.4	37.1	35.6	35.8	33.2	37.0	38.6	36.7	35.6	33.7	29.5	29.4	31.2
15 to 26 weeks	18.5	20.1	17.7	16.5	15.1	15.8	17.7	15.2	13.6	13.3	9.7	12.2	12.9
27 weeks and over	15.9	17.0	17.9	19.3	18.1	21.2	20.9	21.5	22.1	20.4	19.8	17.2	18.3

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-38. Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>Total, 16 years and over</b> .....	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	7.5	7.5	7.3	7.5
16 to 19 years .....	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	19.1	19.2	18.5	18.4
16 to 17 years .....	21.4	21.5	22.8	22.0	21.9	20.1	20.6	21.2	21.4	20.0	20.8	21.9	21.5
18 to 19 years .....	19.5	19.4	19.4	18.2	18.2	18.1	18.9	19.0	17.5	18.6	18.2	16.4	15.6
20 to 24 years .....	12.9	13.7	13.4	13.9	14.0	14.2	13.5	12.7	12.1	12.1	11.8	11.1	11.4
25 years and over .....	6.5	6.3	6.0	6.2	6.3	6.1	5.9	5.4	5.3	5.1	5.1	5.0	5.5
25 to 54 years .....	6.9	6.7	6.4	6.5	6.6	6.4	6.2	5.5	5.5	5.2	5.3	5.3	5.7
55 years and over .....	4.8	4.8	4.7	4.7	4.9	5.0	5.0	4.5	4.8	4.8	4.6	4.2	4.7
<b>Males, 16 years and over</b> .....	8.3	8.3	8.0	8.2	8.3	8.1	7.6	7.1	6.9	6.8	6.7	6.8	7.0
16 to 19 years .....	22.1	21.1	20.8	19.3	19.8	18.8	19.0	20.1	19.3	19.3	20.1	19.4	18.5
16 to 17 years .....	22.9	22.4	22.9	22.2	21.6	19.6	19.3	21.5	21.0	20.8	21.5	23.1	21.3
18 to 19 years .....	20.7	19.8	19.5	17.9	18.2	18.2	18.7	19.6	17.8	18.4	19.1	16.9	15.9
20 to 24 years .....	13.9	14.9	14.5	15.3	15.1	14.6	13.8	12.8	11.9	12.0	11.2	11.3	11.7
25 years and over .....	5.8	5.8	5.5	5.8	6.0	5.8	5.4	4.7	4.6	4.5	4.5	4.4	5.0
25 to 54 years .....	6.2	6.1	5.9	6.1	6.2	6.0	5.6	4.8	4.6	4.3	4.6	4.5	5.1
55 years and over .....	4.6	4.5	4.5	4.6	4.6	4.8	4.7	4.2	4.6	5.0	4.4	4.4	4.8
<b>Females, 16 years and over</b> .....	9.4	9.3	9.3	9.1	9.2	9.1	9.3	8.9	8.7	8.6	8.5	8.0	8.3
16 to 19 years .....	19.0	19.7	20.5	19.6	19.9	19.1	20.3	19.6	19.1	18.9	18.1	17.5	18.2
16 to 17 years .....	19.4	20.3	22.6	21.7	22.3	20.7	22.2	20.8	21.7	19.1	19.9	20.5	21.6
18 to 19 years .....	18.3	18.8	19.3	18.5	18.2	17.9	19.1	18.4	17.2	18.8	17.1	15.9	15.3
20 to 24 years .....	11.7	12.2	12.0	12.1	12.7	13.7	13.1	12.7	12.2	12.2	12.6	10.8	11.0
25 years and over .....	7.5	7.1	6.8	6.8	6.8	6.7	6.8	6.4	6.4	6.2	6.1	6.0	6.3
25 to 54 years .....	8.0	7.5	7.4	7.2	7.3	7.0	7.2	6.6	6.9	6.5	6.5	6.4	6.7
55 years and over .....	5.2	5.2	5.1	4.7	5.4	5.3	5.4	5.1	5.0	4.5	4.9	4.0	4.5

**A-39. Unemployed persons by reason for unemployment, seasonally adjusted**

[Numbers in thousands]

Reason for unemployment	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	4,738	4,715	4,588	4,797	4,531	4,444	3,955	3,481	3,440	3,502	3,499	3,461	3,623
Job leavers .....	784	815	792	824	829	872	862	849	848	760	831	881	882
Reentrants .....	1,860	1,808	1,873	1,808	1,892	1,846	1,975	1,985	1,864	1,857	1,833	1,781	1,795
New entrants .....	717	835	909	812	844	837	865	886	849	853	894	856	805
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	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
Job losers .....	58.5	57.7	56.2	58.2	56.0	55.6	51.7	48.3	49.1	50.2	49.6	49.6	51.0
Job leavers .....	9.7	10.0	9.7	10.0	10.2	10.9	11.3	11.8	12.1	10.9	11.8	12.6	12.4
Reentrants .....	23.0	22.1	22.9	21.9	23.4	23.1	25.8	27.6	26.6	26.6	26.0	25.5	25.3
New entrants .....	8.9	10.2	11.1	9.9	10.4	10.5	11.3	12.3	12.1	12.2	12.7	12.3	11.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	5.1	5.1	4.9	5.2	4.9	4.8	4.2	3.7	3.7	3.7	3.7	3.7	3.8
Job leavers .....	.8	.9	.8	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9
Reentrants .....	2.0	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.9	1.9
New entrants .....	.8	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-40. Employed persons by sex and age, seasonally adjusted**

[Numbers in thousands]

Sex and age	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>Total, 16 years and over</b> .....	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	86,692	87,399	87,697	87,500
16 to 19 years .....	6,982	7,033	7,026	7,091	7,017	7,038	7,053	7,138	7,157	7,213	7,352	7,437	7,264
16 to 17 years .....	2,861	2,893	2,873	2,883	2,872	2,920	2,887	2,973	2,877	2,921	2,998	2,914	2,847
18 to 19 years .....	4,125	4,173	4,153	4,225	4,150	4,121	4,162	4,197	4,281	4,267	4,360	4,483	4,404
20 to 24 years .....	11,675	11,705	11,743	11,702	11,620	11,550	11,753	11,898	12,056	12,075	12,290	12,430	12,368
25 years and over .....	65,856	66,177	66,402	66,412	66,542	66,552	66,634	67,257	67,116	67,411	67,744	67,818	67,904
25 to 54 years .....	52,427	52,646	53,002	52,989	53,126	53,056	53,133	53,702	53,732	54,037	54,290	54,373	54,535
55 years and over .....	13,443	13,547	13,445	13,470	13,447	13,441	13,455	13,547	13,491	13,399	13,403	13,395	13,382
<b>Males, 16 years and over</b> .....	50,978	51,280	51,446	51,334	51,300	51,325	51,390	51,761	51,870	51,944	52,490	52,554	52,243
16 to 19 years .....	3,728	3,799	3,791	3,818	3,787	3,804	3,804	3,845	3,873	3,863	3,966	3,958	3,852
16 to 17 years .....	1,575	1,600	1,585	1,581	1,581	1,608	1,587	1,610	1,573	1,565	1,666	1,557	1,522
18 to 19 years .....	2,164	2,229	2,199	2,254	2,210	2,196	2,211	2,230	2,300	2,279	2,302	2,362	2,328
20 to 24 years .....	6,303	6,333	6,355	6,342	6,332	6,303	6,418	6,525	6,675	6,638	6,795	6,836	6,703
25 years and over .....	40,953	41,115	41,219	41,202	41,204	41,227	41,205	41,466	41,328	41,462	41,702	41,746	41,708
25 to 54 years .....	32,506	32,577	32,738	32,742	32,817	32,790	32,798	33,017	33,092	33,242	33,338	33,425	33,329
55 years and over .....	8,430	8,542	8,497	8,471	8,413	8,406	8,379	8,416	8,295	8,263	8,333	8,344	8,353
<b>Females, 16 years and over</b> .....	33,520	33,687	33,842	33,824	33,851	33,853	34,004	34,433	34,449	34,748	34,909	35,143	35,257
16 to 19 years .....	3,254	3,234	3,235	3,273	3,230	3,234	3,249	3,293	3,284	3,350	3,386	3,479	3,412
16 to 17 years .....	1,286	1,293	1,288	1,302	1,291	1,312	1,300	1,363	1,304	1,356	1,332	1,357	1,325
18 to 19 years .....	1,961	1,944	1,954	1,971	1,940	1,925	1,951	1,967	1,981	1,988	2,058	2,121	2,076
20 to 24 years .....	5,372	5,372	5,388	5,360	5,288	5,247	5,335	5,373	5,381	5,437	5,495	5,594	5,665
25 years and over .....	24,903	25,062	25,183	25,210	25,338	25,325	25,429	25,791	25,788	25,949	26,042	26,072	26,196
25 to 54 years .....	19,921	20,069	20,264	20,247	20,309	20,266	20,335	20,685	20,640	20,795	20,952	20,948	21,206
55 years and over .....	5,013	5,005	4,948	4,999	5,034	5,035	5,076	5,131	5,196	5,136	5,070	5,051	5,029

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-41. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

Selected categories	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
<b>Total employed</b> .....	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	86,692	87,399	87,697	87,500
Household heads .....	49,940	50,191	50,437	50,279	50,258	50,316	50,332	50,628	50,737	50,789	51,165	51,200	51,163
Married men, spouse present .....	37,821	37,946	38,012	37,948	37,921	37,858	37,739	37,996	37,931	38,087	38,205	38,215	38,090
Married women, spouse present .....	19,467	19,584	19,603	19,758	19,799	19,833	19,859	20,065	19,976	20,001	20,073	20,280	20,337
<b>Occupation</b>													
White collar workers .....	42,373	42,405	42,536	42,540	42,386	42,253	42,326	42,797	43,028	43,458	43,433	43,792	43,792
Professional and technical .....	12,721	12,937	12,944	12,814	12,773	12,795	13,026	13,166	13,094	13,204	13,004	13,262	13,439
Managers and administrators, except farm .....	8,953	8,725	8,970	9,215	9,027	9,077	8,837	9,044	9,135	9,300	9,387	9,200	9,257
Sales workers .....	5,577	5,567	5,521	5,493	5,515	5,269	5,296	5,224	5,333	5,398	5,488	5,562	5,512
Clerical workers .....	15,122	15,176	15,101	15,018	15,071	15,112	15,167	15,363	15,466	15,556	15,554	15,768	15,555
Blue-collar workers .....	27,782	27,802	27,968	27,936	28,105	28,126	28,408	28,759	28,725	28,545	29,110	29,115	29,166
Craft and kindred workers .....	10,897	10,977	11,051	10,907	11,104	11,018	11,265	11,266	11,297	11,030	11,161	11,268	11,238
Operatives .....	12,701	12,684	12,807	12,899	12,915	13,010	13,043	13,303	13,214	13,191	13,508	13,514	13,690
Nonfarm laborers .....	4,184	4,141	4,110	4,130	4,086	4,098	4,100	4,190	4,214	4,324	4,441	4,333	4,238
Service workers .....	11,601	11,661	11,676	11,739	11,759	11,872	11,837	11,926	11,848	11,781	11,858	11,981	12,028
Farm workers .....	2,942	3,023	3,008	3,040	2,975	2,838	2,782	2,868	2,772	2,712	2,922	2,833	2,802
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,277	1,342	1,361	1,347	1,303	1,262	1,231	1,300	1,295	1,317	1,388	1,286	1,299
Self-employed workers .....	1,731	1,717	1,702	1,753	1,710	1,687	1,663	1,649	1,596	1,568	1,641	1,672	1,670
Unpaid family workers .....	379	400	397	411	408	349	300	331	300	284	394	359	341
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	75,098	75,343	75,711	75,716	75,760	75,468	76,038	76,568	77,023	77,376	77,834	78,134	78,098
Private households .....	1,468	1,350	1,366	1,320	1,349	1,307	1,309	1,287	1,200	1,308	1,351	1,294	1,415
Government .....	14,512	14,723	14,805	14,551	14,443	14,628	14,719	14,779	14,891	14,980	14,796	14,850	14,894
Other .....	59,118	59,270	59,540	59,845	59,968	59,533	60,010	60,502	60,932	61,088	61,687	61,990	61,789
Self-employed workers .....	5,619	5,645	5,633	5,621	5,531	5,991	5,683	5,693	5,684	5,594	5,608	5,778	5,657
Unpaid family workers .....	405	415	457	478	478	540	510	528	490	444	463	460	451
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries .....	76,346	75,187	76,323	76,784	76,822	77,103	77,380	78,506	78,399	78,167	77,413	79,056	79,497
Full-time schedules .....	61,861	61,035	62,198	62,838	62,824	63,141	63,730	64,211	64,381	64,328	63,708	64,947	64,860
Part time for economic reasons .....	3,422	3,277	3,234	3,291	3,361	3,353	3,243	3,482	3,262	3,266	3,248	3,382	3,080
Usually work full time .....	1,569	1,526	1,436	1,409	1,459	1,405	1,332	1,415	1,308	1,230	1,342	1,457	1,307
Usually work part time .....	1,853	1,751	1,798	1,882	1,902	1,948	1,911	2,067	1,954	2,036	1,906	1,925	1,773
Part time for noneconomic reasons .....	11,063	10,875	10,891	10,655	10,637	10,609	10,407	10,813	10,755	10,573	10,457	10,727	11,557

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.



# HOUSEHOLD DATA

## A-42. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

(Numbers in thousands)

Employment status	June 1975	May 1976	June 1976	Seasonally adjusted					
				June 1975	Feb. 1976	Mar. 1976	Apr. 1976	May 1976	June 1976
<b>VETERANS<sup>1</sup></b>									
Total, 20 to 34 years:									
Civilian noninstitutional population <sup>2</sup>	6,444	6,670	6,677	6,444	6,444	6,647	6,657	6,670	6,677
Civilian labor force	6,070	6,286	6,363	6,050	6,214	6,230	6,279	6,325	6,343
Employed	5,528	5,838	5,836	5,477	5,727	5,791	5,860	5,865	5,785
Unemployed	542	448	527	573	487	439	419	460	558
Unemployment rate	8.9	7.1	8.3	9.5	7.8	7.0	6.7	7.3	8.8
20 to 24 years									
Civilian noninstitutional population <sup>2</sup>	1,173	1,089	1,079	1,173	1,096	1,103	1,095	1,089	1,079
Civilian labor force	1,028	930	967	1,016	921	938	956	934	956
Employed	839	797	786	821	756	792	815	797	769
Unemployed	189	133	181	195	165	146	141	137	187
Unemployment rate	18.4	14.3	18.7	19.2	17.9	15.6	14.7	14.7	19.6
25 to 29 years									
Civilian noninstitutional population <sup>2</sup>	3,481	3,329	3,301	3,481	3,429	3,382	3,355	3,329	3,301
Civilian labor force	3,300	3,153	3,150	3,287	3,234	3,205	3,173	3,171	3,137
Employed	3,049	2,941	2,913	3,025	3,006	2,992	2,975	2,962	2,890
Unemployed	251	212	237	262	228	213	198	209	247
Unemployment rate	7.6	6.7	7.5	8.0	7.1	6.6	6.2	6.6	7.9
30 to 34 years									
Civilian noninstitutional population <sup>2</sup>	1,790	2,252	2,297	1,790	2,119	2,162	2,207	2,252	2,297
Civilian labor force	1,742	2,203	2,246	1,747	2,059	2,087	2,150	2,220	2,250
Employed	1,640	2,100	2,137	1,631	1,965	2,007	2,070	2,106	2,126
Unemployed	102	103	109	116	94	80	80	114	124
Unemployment rate	5.9	4.7	4.9	6.6	4.6	3.8	3.7	5.1	5.5
<b>NONVETERANS</b>									
Total, 20 to 34 years:									
Civilian noninstitutional population <sup>2</sup>	15,844	16,640	16,715	15,844	16,415	16,495	16,566	16,640	16,715
Civilian labor force	14,601	14,914	15,424	14,186	14,763	14,834	14,958	15,099	15,001
Employed	13,070	13,760	14,150	12,770	13,537	13,598	13,779	13,906	13,827
Unemployed	1,531	1,154	1,274	1,416	1,226	1,236	1,179	1,193	1,174
Unemployment rate	10.5	7.7	8.3	10.0	8.3	8.3	7.9	7.9	7.8
20 to 24 years									
Civilian noninstitutional population <sup>2</sup>	7,563	7,885	7,910	7,563	7,824	7,833	7,861	7,885	7,910
Civilian labor force	6,720	6,638	7,061	6,285	6,678	6,631	6,711	6,786	6,626
Employed	5,771	5,928	6,247	5,478	5,945	5,847	5,988	6,049	5,933
Unemployed	949	710	814	807	733	784	723	737	693
Unemployment rate	14.1	10.7	11.5	12.8	11.0	11.8	11.8	10.9	10.5
25 to 29 years									
Civilian noninstitutional population <sup>2</sup>	4,406	4,972	5,035	4,406	4,767	4,851	4,909	4,972	5,035
Civilian labor force	4,157	4,655	4,742	4,163	4,455	4,589	4,620	4,687	4,742
Employed	3,784	4,384	4,448	3,778	4,160	4,313	4,344	4,406	4,439
Unemployed	373	271	294	385	295	276	276	281	303
Unemployment rate	9.0	5.8	6.2	9.2	6.6	6.0	6.0	6.0	6.4
30 to 34 years									
Civilian noninstitutional population <sup>2</sup>	3,875	3,783	3,770	3,875	3,824	3,811	3,796	3,783	3,770
Civilian labor force	3,724	3,621	3,621	3,738	3,630	3,614	3,627	3,626	3,633
Employed	3,515	3,448	3,455	3,514	3,432	3,438	3,447	3,451	3,455
Unemployed	209	173	166	224	198	176	180	175	178
Unemployment rate	5.6	4.8	4.6	6.0	5.5	4.9	5.0	4.8	4.9

<sup>1</sup> Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-43. Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted**

(Numbers in thousands)

Employment status	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>TOTAL</b>													
Total noninstitutional population <sup>1</sup> .....	147,939	148,569	149,215	149,860	150,500	151,141	151,809	152,440	153,056	153,820	154,477	155,115	155,717
Total labor force .....	90,837	91,231	92,030	92,765	92,968	93,562	93,867	93,985	94,715	95,315	95,312	95,697	96,687
Percent of total population .....	61.4	61.4	61.7	61.9	61.8	61.9	61.8	61.7	61.9	62.0	61.7	61.7	62.1
Civilian noninstitutional population <sup>1</sup> .....	145,606	146,266	146,931	147,604	148,272	148,922	149,596	150,243	150,872	151,640	152,318	152,971	153,576
Civilian labor force .....	88,504	88,928	89,746	90,510	90,740	91,343	91,655	91,789	92,531	93,134	93,153	93,553	94,546
Percent of civilian population .....	60.8	60.8	61.1	61.3	61.2	61.3	61.3	61.1	61.3	61.4	61.2	61.2	61.6
<b>Employed</b> .....	84,202	84,643	85,428	85,949	86,104	86,206	85,538	84,313	84,443	85,138	85,241	86,402	87,532
Percent of civilian population .....	57.8	57.9	58.1	58.2	58.1	57.9	57.2	56.1	56.0	56.1	56.0	56.5	57.0
Agriculture .....	3,413	3,434	3,544	3,711	3,483	3,444	3,384	3,297	3,393	3,472	3,315	3,231	3,347
Nonagricultural industries .....	80,789	81,209	81,884	82,238	82,620	82,762	82,154	81,016	81,050	81,666	81,926	83,171	84,185
<b>Unemployed</b> .....	4,302	4,285	4,318	4,561	4,636	5,138	6,117	7,476	8,087	7,997	7,912	7,151	7,014
Unemployment rate .....	4.9	4.8	4.8	5.0	5.1	5.6	6.7	8.1	8.7	8.6	8.5	7.6	7.4
<b>Males, 20 years and over</b>													
Total noninstitutional population <sup>1</sup> .....	62,706	62,959	63,240	63,538	63,800	64,073	64,372	64,642	64,904	65,238	65,543	65,827	66,090
Total labor force .....	51,324	51,477	51,740	52,105	52,054	52,176	52,412	52,201	52,558	52,882	52,828	52,601	53,099
Percent of total population .....	81.8	81.8	81.8	82.0	81.6	81.4	81.4	80.8	81.0	81.1	80.6	79.9	80.3
Civilian noninstitutional population <sup>1</sup> .....	60,797	61,078	61,380	61,713	61,998	62,285	62,599	62,911	63,181	63,510	63,828	64,139	64,400
Civilian labor force .....	49,415	49,597	49,879	50,281	50,251	50,388	50,640	50,469	50,835	51,154	51,113	50,913	51,409
Percent of civilian population .....	81.3	81.2	81.3	81.5	81.1	80.9	80.9	80.2	80.5	80.5	80.1	79.4	79.8
<b>Employed</b> .....	47,805	48,038	48,317	48,594	48,538	48,460	48,178	47,345	47,286	47,551	47,540	47,998	48,504
Percent of civilian population .....	78.6	78.7	78.7	78.7	78.3	77.8	77.0	75.3	74.8	74.9	74.5	74.8	75.3
Agriculture .....	2,496	2,479	2,537	2,640	2,501	2,502	2,460	2,417	2,433	2,459	2,377	2,319	2,421
Nonagricultural industries .....	45,309	45,559	45,780	45,954	46,036	45,958	45,718	44,928	44,853	45,092	45,163	45,679	46,083
<b>Unemployed</b> .....	1,610	1,558	1,562	1,687	1,713	1,928	2,462	3,124	3,549	3,603	3,573	2,915	2,906
Unemployment rate .....	3.3	3.1	3.1	3.4	3.4	3.8	4.9	6.2	7.0	7.0	7.0	5.7	5.7
<b>Females, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	69,095	69,392	69,738	69,937	70,244	70,545	70,913	71,164	71,465	71,831	72,140	72,455	72,754
Civilian labor force .....	30,618	30,895	31,138	31,376	31,718	32,162	32,140	32,522	32,882	33,148	33,302	33,745	34,094
Percent of population .....	44.3	44.5	44.6	44.9	45.2	45.6	45.3	45.7	46.0	46.1	46.2	46.6	46.9
<b>Employed</b> .....	29,168	29,377	29,654	29,811	30,132	30,383	30,049	29,912	30,129	30,537	30,665	31,234	31,677
Percent of population .....	42.2	42.3	42.5	42.6	42.9	43.1	42.4	42.2	42.5	42.7	42.5	43.1	43.5
<b>Unemployed</b> .....	1,449	1,518	1,483	1,565	1,586	1,779	2,090	2,611	2,754	2,611	2,637	2,511	2,416
Unemployment rate .....	4.7	4.9	4.8	5.0	5.0	5.5	6.5	8.0	8.4	7.9	7.9	7.4	7.1
<b>Both sexes, 16-19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	15,715	15,796	15,857	15,954	16,030	16,093	16,141	16,168	16,226	16,298	16,351	16,376	16,422
Civilian labor force .....	8,471	8,436	8,729	8,853	8,771	8,793	8,875	8,797	8,813	8,832	8,738	8,894	9,043
Percent of population .....	53.9	53.4	55.0	55.5	54.7	54.6	55.0	54.4	54.3	54.2	53.4	54.3	55.1
<b>Employed</b> .....	7,229	7,227	7,456	7,544	7,434	7,362	7,311	7,056	7,029	7,050	7,036	7,169	7,351
Percent of population .....	46.0	45.8	47.0	47.3	46.4	45.7	45.3	43.6	43.3	43.3	43.0	43.8	44.8
<b>Unemployed</b> .....	1,242	1,209	1,272	1,309	1,336	1,431	1,564	1,741	1,784	1,782	1,702	1,725	1,692
Unemployment rate .....	14.7	14.3	14.6	14.8	15.2	16.3	17.6	19.8	20.2	20.2	19.5	19.4	18.7
<b>Whites</b>													
Civilian noninstitutional population <sup>1</sup> .....	128,986	129,538	130,064	130,562	131,109	131,640	132,186	132,717	133,219	133,764	134,301	134,822	135,303
Civilian labor force .....	78,495	78,801	79,575	80,153	80,404	80,973	81,327	81,419	82,027	82,518	82,572	82,805	83,633
Percent of population .....	60.9	60.8	61.2	61.4	61.3	61.5	61.5	61.3	61.6	61.7	61.5	61.4	61.8
<b>Employed</b> .....	75,104	75,448	76,127	76,535	76,704	76,837	76,411	75,348	75,425	76,001	76,120	77,074	78,025
Percent of population .....	58.2	58.2	58.5	58.6	58.5	58.4	57.8	56.8	56.6	56.8	56.7	57.2	57.7
<b>Unemployed</b> .....	3,391	3,353	3,448	3,618	3,701	4,137	4,916	6,071	6,602	6,517	6,452	5,731	5,608
Unemployment rate .....	4.3	4.3	4.3	4.5	4.6	5.1	6.0	7.5	8.0	7.9	7.8	6.9	6.7
<b>Black and other</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,620	16,728	16,866	17,042	17,163	17,282	17,410	17,526	17,652	17,876	18,017	18,148	18,273
Civilian labor force .....	9,967	10,117	10,211	10,342	10,277	10,354	10,391	10,378	10,455	10,630	10,668	10,758	10,855
Percent of population .....	60.0	60.5	60.5	60.7	59.9	59.9	59.7	59.2	59.2	59.5	59.2	59.3	59.4
<b>Employed</b> .....	9,065	9,185	9,330	9,402	9,352	9,346	9,173	8,988	8,980	9,136	9,177	9,345	9,461
Percent of population .....	54.5	54.9	55.3	55.2	54.5	54.1	52.7	51.3	50.9	51.1	50.9	51.5	51.8
<b>Unemployed</b> .....	901	933	881	939	924	1,009	1,218	1,389	1,475	1,494	1,491	1,413	1,394
Unemployment rate .....	9.0	9.2	8.6	9.1	9.0	9.7	11.7	13.4	14.1	14.1	14.0	13.1	12.8

<sup>1</sup> Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted.

NOTE: Detail for the household data shown in tables A-43 through A-52 and A-59 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

c = corrected.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-44. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**

[Numbers in thousands]

Full- and part-time employment status, sex, and age	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>FULL TIME</b>													
Total, 16 years and over:													
Civilian labor force .....	75,662	75,969	76,590	77,410	77,611	77,996	78,492	78,535	78,984	79,315	79,784	79,995	80,176
Employed <sup>1</sup> .....	72,422	72,720	73,276	73,918	74,048	74,003	73,602	72,470	72,323	72,697	73,215	74,277	74,544
Unemployed .....	3,240	3,248	3,315	3,492	3,563	3,993	4,890	6,065	6,661	6,618	6,569	5,718	5,632
Unemployment rate .....	4.3	4.3	4.3	4.5	4.6	5.1	6.2	7.7	8.4	8.3	8.2	7.1	7.0
Males, 20 years and over:													
Civilian labor force .....	46,967	47,157	47,421	47,825	47,809	47,875	48,158	47,945	48,194	48,512	48,693	48,404	48,323
Employed <sup>1</sup> .....	45,513	45,765	46,002	46,305	46,249	46,118	45,862	45,040	44,892	45,123	45,303	45,735	45,659
Unemployed .....	1,455	1,392	1,419	1,520	1,560	1,757	2,296	2,905	3,302	3,389	3,390	2,670	2,664
Unemployment rate .....	3.1	3.0	3.0	3.2	3.3	3.7	4.8	6.1	6.9	7.0	7.0	5.5	5.5
Females, 20 years and over:													
Civilian labor force .....	24,007	24,143	24,334	24,569	24,825	25,185	25,326	25,764	25,848	24,955	26,353	26,671	26,865
Employed <sup>1</sup> .....	22,869	22,959	23,162	23,346	23,581	23,791	23,627	23,625	23,594	23,808	24,161	24,616	24,919
Unemployed .....	1,138	1,184	1,172	1,222	1,244	1,394	1,669	2,139	2,253	2,147	2,192	2,055	1,946
Unemployment rate .....	4.7	4.9	4.8	5.0	5.0	5.5	6.7	8.3	8.7	8.3	8.3	7.7	7.2
Both sexes, 16-19 years:													
Civilian labor force .....	4,688	4,668	4,835	5,016	4,977	4,936	5,008	4,827	4,943	4,848	4,738	4,919	4,987
Employed <sup>1</sup> .....	4,040	3,996	4,112	4,266	4,217	4,094	4,113	3,805	3,837	3,767	3,750	3,926	3,966
Unemployed .....	648	672	724	750	760	843	895	1,021	1,106	1,082	987	993	1,022
Unemployment rate .....	14.8	14.4	15.0	14.9	15.3	17.1	17.9	21.2	22.4	22.3	20.8	20.2	20.5
<b>PART TIME</b>													
Total, 16 years and over:													
Civilian labor force .....	12,766	12,874	13,160	13,164	13,126	13,303	13,216	13,291	13,530	13,959	13,413	13,632	13,904
Employed <sup>1</sup> .....	11,693	11,832	12,157	12,106	12,044	12,154	11,975	11,900	12,119	12,561	12,023	12,215	12,521
Unemployed .....	1,073	1,042	1,003	1,059	1,082	1,148	1,241	1,390	1,411	1,398	1,390	1,417	1,383
Unemployment rate .....	8.4	8.1	7.6	8.0	8.2	8.6	9.4	10.5	10.4	10.0	10.4	10.4	9.9
Males, 20 years and over:													
Civilian labor force .....	2,437	2,416	2,470	2,472	2,423	2,493	2,511	2,534	2,611	2,652	2,480	2,538	2,608
Employed <sup>1</sup> .....	2,276	2,251	2,324	2,312	2,265	2,321	2,332	2,331	2,370	2,427	2,259	2,305	2,362
Unemployed .....	161	165	146	160	158	172	180	202	241	225	222	233	246
Unemployment rate .....	6.6	6.8	5.9	6.5	6.5	6.9	7.2	8.0	9.2	8.5	8.9	9.2	9.4
Females, 20 years and over:													
Civilian labor force .....	6,596	6,757	6,788	6,831	6,869	6,955	6,819	6,818	7,001	7,194	6,965	7,135	7,190
Employed <sup>1</sup> .....	6,280	6,422	6,477	6,488	6,524	6,572	6,423	6,347	6,514	6,723	6,506	6,679	6,727
Unemployed .....	316	335	311	343	345	383	396	471	487	469	459	455	463
Unemployment rate .....	4.8	5.0	4.6	5.0	5.0	5.5	5.8	6.9	7.0	6.5	6.6	6.4	6.4
Both sexes, 16-19 years:													
Civilian labor force .....	3,733	3,701	3,902	3,862	3,834	3,854	3,885	3,939	3,918	4,113	3,968	3,959	4,106
Employed <sup>1</sup> .....	3,137	3,159	3,356	3,306	3,255	3,261	3,220	3,222	3,236	3,409	3,259	3,231	3,432
Unemployed .....	596	542	546	556	579	593	665	717	682	704	710	729	674
Unemployment rate .....	16.0	14.7	14.0	14.4	15.1	15.4	17.1	18.2	17.4	17.1	17.9	18.4	16.4

<sup>1</sup> Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.  
c = corrected.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-45. Employment status by race, sex, and age, seasonally adjusted**

[Numbers in thousands]

Characteristics	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	78,495	78,801	79,575	80,153	80,404	80,973	81,327	81,419	82,027	82,518	82,572	82,805	83,633
Employed	75,104	75,448	76,127	76,535	76,704	76,837	76,411	75,348	75,425	76,001	76,120	77,074	78,025
Unemployed	3,391	3,353	3,448	3,618	3,701	4,137	4,916	6,071	6,602	6,517	6,452	5,731	5,608
Unemployment rate	4.3	4.3	4.3	4.5	4.6	5.1	6.0	7.5	8.0	7.9	7.8	6.9	6.7
<b>Males, 20 years and over:</b>													
Civilian labor force	44,386	44,504	44,750	45,065	45,078	45,240	45,489	45,289	45,644	45,847	45,845	45,668	46,064
Employed	43,053	43,242	43,471	43,709	43,681	43,639	43,475	42,738	42,704	42,854	42,926	43,330	43,691
Unemployed	1,315	1,262	1,279	1,356	1,397	1,601	2,014	2,551	2,940	2,993	2,918	2,338	2,373
Unemployment rate	3.0	2.8	2.9	3.0	3.1	3.5	4.4	5.6	6.4	6.5	6.4	5.1	5.2
<b>Females, 20 years and over:</b>													
Civilian labor force	26,603	26,783	27,013	27,189	27,511	27,884	27,915	28,254	28,541	28,748	28,927	29,183	29,485
Employed	25,479	25,610	25,854	25,951	26,242	26,466	26,232	26,118	26,302	26,673	26,760	27,185	27,569
Unemployed	1,124	1,173	1,159	1,239	1,268	1,418	1,683	2,136	2,240	2,075	2,167	1,999	1,916
Unemployment rate	4.2	4.4	4.3	4.6	4.6	5.1	6.0	7.6	7.8	7.2	7.5	6.8	6.5
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	7,524	7,514	7,812	7,899	7,815	7,849	7,923	7,876	7,842	7,923	7,801	7,953	8,084
Employed	6,573	6,596	6,802	6,876	6,780	6,731	6,704	6,492	6,420	6,474	6,433	6,559	6,765
Unemployed	951	918	1,010	1,023	1,035	1,118	1,219	1,384	1,422	1,450	1,367	1,394	1,319
Unemployment rate	12.6	12.2	12.9	13.0	13.2	14.2	15.4	17.6	18.1	18.3	17.5	17.5	16.3
<b>BLACK AND OTHER</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	9,697	10,117	10,211	10,342	10,277	10,354	10,391	10,378	10,455	10,630	10,668	10,758	10,855
Employed	9,065	9,185	9,330	9,402	9,352	9,346	9,173	8,988	8,980	9,136	9,177	9,345	9,461
Unemployed	901	933	881	939	924	1,009	1,218	1,389	1,475	1,494	1,491	1,413	1,394
Unemployment rate	9.0	9.2	8.6	9.1	9.0	9.7	11.7	13.4	14.1	14.1	14.0	13.1	12.8
<b>Males, 20 years and over:</b>													
Civilian labor force	5,042	5,086	5,149	5,201	5,163	5,145	5,180	5,164	5,182	5,314	5,306	5,234	5,345
Employed	4,747	4,786	4,865	4,875	4,847	4,808	4,730	4,603	4,572	4,683	4,645	4,664	4,811
Unemployed	295	300	284	326	316	337	450	562	611	631	660	570	533
Unemployment rate	5.8	5.9	5.5	6.3	6.1	6.5	8.7	10.9	11.8	11.9	12.4	10.9	10.0
<b>Females, 20 years and over:</b>													
Civilian labor force	4,006	4,105	4,139	4,178	4,190	4,255	4,258	4,277	4,328	4,378	4,421	4,573	4,590
Employed	3,683	3,768	3,805	3,853	3,873	3,904	3,834	3,811	3,814	3,855	3,923	4,065	4,091
Unemployed	323	337	334	325	318	351	424	467	514	522	497	507	499
Unemployment rate	8.1	8.2	8.1	7.8	7.6	8.2	10.0	10.9	11.9	11.9	11.3c	11.1	10.9
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	919	926	923	963	923	954	954	936	945	938	942	951	920
Employed	635	631	660	674	632	634	610	575	594	598	609	616	558
Unemployed	284	295	263	288	291	321	344	361	351	341	333	335	362
Unemployment rate	30.9	31.9	28.5	30.0	31.5	33.6	36.1	38.6	37.1	36.3	35.4	35.2	39.3

c = corrected.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-46. Major unemployment indicators, seasonally adjusted**

(Unemployment rates)

Selected categories	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>CHARACTERISTICS</b>													
Total (all civilian workers) .....	4.9	4.8	4.8	5.0	5.1	5.6	6.7	8.1	8.7	8.6	8.5	7.6	7.4
Males, 20 years and over .....	3.3	3.1	3.1	3.4	3.4	3.8	4.9	6.2	7.0	7.0	7.0	5.7	5.7
Females, 20 years and over .....	4.7	4.9	4.8	5.0	5.0	5.5	6.5	8.0	8.4	7.9	7.9	7.4	7.1
Both sexes, 16-19 years .....	14.7	14.3	14.6	14.8	15.2	16.3	17.6	19.8	20.2	20.2	19.5	19.4	18.7
White .....	4.3	4.3	4.3	4.5	4.6	5.1	6.0	7.5	8.0	7.9	7.8	6.9	6.7
Black and other .....	9.0	9.2	8.6	9.1	9.0	9.7	11.7	13.4	14.1	14.1	14.0	13.1	12.8
Household heads, total .....	2.8	2.8	2.9	2.9	3.0	3.3	4.2	5.4	6.0	5.9	5.9	5.0	4.9
Males .....	2.4	2.4	2.4	2.5	2.5	2.9	3.8	5.0	5.7	5.7	5.5	4.5	4.6
With relatives .....	2.2	2.1	2.2	2.3	2.3	2.7	3.4	4.6	5.4	5.3	5.0	4.1	4.0
Without relatives .....	5.0	4.9	5.1	5.3	5.2	4.9	7.2	8.4	8.9	9.2	10.2	8.4	8.8
Females .....	5.2	5.2	5.5	5.1	5.2	5.3	6.6	7.4	7.5	7.5	8.2	7.8	6.6
With relatives .....	7.1	6.8	7.4	6.5	6.5	6.7	8.1	9.5	9.8	10.1	10.5	10.0	9.1
Without relatives .....	3.5	3.9	3.8	3.8	4.0	3.9	5.1	5.5	5.4	5.0	6.1	5.7	4.4
Married men, spouse present .....	2.3	2.2	2.2	2.3	2.3	2.8	3.5	4.7	5.5	5.4	5.1	4.1	4.1
Full-time workers .....	4.3	4.3	4.3	4.5	4.6	5.1	6.2	7.7	8.4	8.3	8.2	7.1	7.0
Part-time workers .....	8.4	8.1	7.6	8.0	8.2	8.6	9.4	10.5	10.4	10.0	10.4	10.4	9.9
Unemployed 15 weeks and over <sup>1</sup> .....	.9	.9	.9	.9	.9	1.0	1.3	2.0	2.7	3.1	3.1	2.7	2.2
Labor force time lost <sup>2</sup> .....	5.2	5.2	5.3	5.5	5.6	6.1	7.3	8.9	9.3	9.0	9.2	8.2	8.0
<b>OCCUPATION</b>													
White-collar workers .....	2.9	2.9	2.9	3.0	3.1	3.3	3.7	4.5	5.0	4.7	4.8	4.6	4.6
Professional and technical .....	2.2	2.1	2.2	2.1	2.1	2.3	2.5	3.0	3.4	3.2	3.3	3.4	3.1
Managers and administrators, except farm .....	1.4	1.4	1.4	1.6	1.7	1.8	2.3	2.9	3.1	3.1	2.9	2.9	3.0
Sales workers .....	3.6	3.7	3.6	3.9	4.0	4.0	5.2	5.6	5.8	5.6	6.2	5.5	4.9
Clerical workers .....	4.2	4.2	4.0	4.2	4.3	4.8	5.0	6.2	7.0	6.6	6.6	6.3	6.5
Blue-collar workers .....	5.2	5.4	5.4	5.8	6.0	6.8	8.6	11.1	12.6	12.1	11.2	9.3	9.1
Craft and kindred workers .....	3.6	3.8	3.6	3.7	3.8	4.5	5.7	7.3	9.0	8.9	8.0	6.7	6.8
Operatives .....	5.5	5.7	5.8	6.5	6.6	7.4	9.9	12.9	14.2	13.3	12.4	9.9	9.5
Nonfarm laborers .....	8.5	8.3	8.5	8.8	9.4	10.6	11.9	14.7	16.6	16.0	15.6	13.7	13.3
Service workers .....	5.7	5.6	5.7	5.9	6.1	6.3	6.9	8.0	8.4	8.8	9.0	8.9	8.3
Farm workers .....	2.9	2.3	2.5	2.3	2.6	2.8	2.6	3.5	3.4	3.4	4.0	4.3	4.6
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>3</sup> .....	4.8	4.8	4.9	5.1	5.2	5.8	7.0	8.7	9.7	9.3	9.1	7.9	7.7
Construction .....	8.6	9.0	8.7	8.8	9.7	11.1	13.6	16.6	20.1	19.6	17.4	15.6	15.5
Manufacturing .....	4.3	4.2	4.4	4.9	4.9	5.8	7.8	10.5	11.9	11.1	10.2	7.8	7.5
Durable goods .....	3.7	3.8	4.0	4.6	4.6	5.1	7.6	10.4	12.4	11.8	10.6	7.9	7.5
Nondurable goods .....	5.2	4.7	4.9	5.2	5.3	6.7	8.1	10.7	11.1	10.1	9.6	7.7	7.5
Transportation and public utilities .....	3.0	2.8	3.2	2.9	3.0	3.4	3.8	5.5	6.1	5.7	5.2	4.7	4.8
Wholesale and retail trade .....	5.5	5.8	5.6	5.9	6.1	6.4	7.4	8.3	8.7	8.7	9.3	8.6	8.2
Finance and service industries .....	4.2	4.2	4.4	4.4	4.3	4.7	5.2	6.3	6.7	6.4	7.0	6.6	6.3
Government workers .....	2.9	2.8	2.6	2.7	3.1	2.9	3.3	3.6	4.2	4.1	4.2	4.4	4.6
Agricultural wage and salary workers .....	7.7	6.4	6.9	6.8	7.2	7.5	7.9	10.1	10.3	10.1	11.1	11.1	11.9

<sup>1</sup> Unemployment as a percent of civilian labor force.

as percent of potentially available labor force hours.

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons

<sup>3</sup> Includes mining, not shown separately.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-47. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Weeks of unemployment	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>Duration</b>													
Less than 5 weeks	2,240	2,230	2,197	2,379	2,398	2,585	2,925	3,099	2,916	2,815	2,768	2,667	2,817
5 to 14 weeks	1,315	1,295	1,307	1,367	1,416	1,580	1,993	2,541	2,563	2,345	2,386	1,951	2,030
15 weeks and over	774	767	805	809	857	959	1,209	1,793	2,519	2,922	2,934	2,531	2,083
15 to 26 weeks	444	472	467	482	510	583	747	1,096	1,433	1,461	1,312	1,005	804
27 weeks and over	330	295	338	326	347	375	462	697	1,086	1,461	1,622	1,526	1,278
Average (mean) duration in weeks	9.9	9.6	9.9	9.6	9.7	9.8	10.0	11.3	13.8	15.6	16.5	16.3	15.9
<b>Percent distribution</b>													
Total unemployed	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
Less than 5 weeks	51.7	52.0	51.0	52.2	51.3	50.4	47.7	41.7	36.5	34.8	34.2	37.3	40.6
5 to 14 weeks	30.4	30.2	30.3	30.0	30.3	30.8	32.5	34.2	32.0	29.0	29.5	27.3	29.3
15 weeks and over	17.9	17.9	18.7	17.8	18.3	18.7	19.7	24.1	31.5	36.2	36.3	35.4	30.1
15 to 26 weeks	10.3	11.0	10.8	10.6	10.9	11.4	12.2	14.7	17.9	18.1	16.2	14.1	11.6
27 weeks and over	7.6	6.9	7.8	7.2	7.4	7.3	7.5	9.4	13.6	18.1	20.1	21.3	18.4

**A-48. Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>Total, 16 years and over</b>	4.9	4.8	4.8	5.0	5.1	5.6	6.7	8.1	8.7	8.6	8.5	7.6	7.4
16 to 19 years	14.7	14.3	14.6	14.8	15.2	16.3	17.6	19.8	20.2	20.2	19.5	19.4	18.7
16 to 17 years	18.1	17.0	17.1	17.6	17.6	18.3	19.8	21.2	21.3	22.1	20.9	20.9	21.4
18 to 19 years	11.9	12.5	12.6	12.7	13.3	15.0	15.9	18.7	19.3	19.0	18.4	18.4	16.8
20 to 24 years	7.8	7.9	7.4	8.2	8.2	9.3	10.7	13.1	13.8	13.6	13.9	12.3	11.4
25 years and over	3.1	3.0	3.1	3.2	3.2	3.6	4.5	5.7	6.3	6.2	6.1	5.3	5.2
25 to 54 years	3.2	3.1	3.2	3.3	3.4	3.7	4.8	6.0	6.7	6.5	6.4	5.4	5.4
55 years and over	2.5	2.7	2.7	2.8	2.6	3.0	3.4	4.5	4.9	4.7	5.0	4.7	4.5
<b>Males, 16 years and over</b>	4.2	4.1	4.1	4.3	4.4	4.9	5.9	7.4	8.2	8.2	8.0	6.9	6.8
16 to 19 years	14.1	13.8	14.1	14.2	14.9	15.8	17.2	19.9	20.9	20.4	19.2	19.6	19.4
16 to 17 years	17.9	16.5	16.8	17.4	18.0	18.7	19.7	21.2	22.2	22.5	20.2	21.1	22.0
18 to 19 years	10.8	12.0	11.8	11.7	12.3	13.9	15.2	18.8	19.8	19.1	18.4	18.6	17.3
20 to 24 years	7.4	7.2	6.9	7.8	7.8	8.9	10.7	13.4	14.7	14.9	14.5	12.2	11.4
25 years and over	2.6	2.5	2.5	2.6	2.7	3.0	3.9	5.0	5.7	5.7	5.7	4.6	4.6
25 to 54 years	2.6	2.4	2.4	2.6	2.8	3.0	4.1	5.1	6.0	6.0	5.9	4.6	4.6
55 years and over	2.5	2.7	2.6	2.6	2.4	2.9	3.0	4.3	4.7	4.5	4.7	4.6	4.5
<b>Females, 16 years and over</b>	5.9	6.0	5.9	6.2	6.2	6.8	7.8	9.3	9.6	9.2	9.2	8.7	8.3
16 to 19 years	15.3	15.0	15.2	15.6	15.6	16.8	18.1	19.7	19.4	19.9	19.8	19.2	17.9
16 to 17 years	18.3	17.7	17.4	17.9	17.2	17.9	20.0	21.1	20.2	21.6	21.7	20.6	20.6
18 to 19 years	13.3	13.1	13.7	13.9	14.6	16.2	16.7	18.6	18.9	18.8	18.4	18.1	16.1
20 to 24 years	8.3	8.9	8.1	8.7	8.8	9.8	10.8	12.8	12.8	12.1	13.2	12.4	11.5
25 years and over	4.0	4.0	4.0	4.2	4.2	4.6	5.5	6.9	7.4	6.9	6.7	6.3	6.1
25 to 54 years	4.4	4.3	4.4	4.5	4.4	4.8	5.9	7.4	8.0	7.4	7.1	6.7	6.5
55 years and over	2.5	2.8	2.7	3.0	3.1	3.3	4.1	4.9	5.2	5.0	5.4	4.9	4.5

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-49. Unemployed persons by reason for unemployment, seasonally adjusted**

[Numbers in thousands]

Reason for unemployment	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	1,632	1,657	1,689	1,944	1,914	2,193	2,900	3,939	4,642	4,700	4,310	3,474	3,528
Job leavers .....	657	666	732	736	724	765	793	767	820	810	854	819	865
Reentrants .....	1,365	1,321	1,254	1,241	1,385	1,515	1,632	1,826	1,915	1,830	1,904	1,902	1,803
New entrants .....	673	633	605	632	618	685	757	781	767	852	849	863	852
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	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
Job losers .....	37.7	38.7	39.5	42.7	41.2	42.5	47.7	53.9	57.0	57.4	54.4	49.2	50.1
Job leavers .....	15.2	15.6	17.1	16.2	15.6	14.8	13.0	10.5	10.1	9.9	10.8	11.6	12.3
Reentrants .....	31.5	30.9	29.3	27.3	29.8	29.4	26.8	25.0	23.5	22.3	24.0	26.9	25.6
New entrants .....	15.6	14.8	14.1	13.9	13.3	13.3	12.4	10.7	9.4	10.4	10.7	12.2	12.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	1.8	1.9	1.9	2.1	2.1	2.4	3.2	4.3	5.0	5.0	4.6	3.7	3.7
Job leavers .....	.7	.7	.8	.8	.8	.8	.9	.8	.9	.9	.9	.9	.9
Reentrants .....	1.5	1.5	1.4	1.4	1.5	1.7	1.8	2.0	2.1	2.0	2.0	2.0	1.9
New entrants .....	.8	.7	.7	.7	.7	.7	.8	.9	.8	.9	.9	.9	.9

**A-50. Employed persons by sex and age, seasonally adjusted**

[Numbers in thousands]

Sex and age	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>Total, 16 years and over .....</b>	<b>84,202</b>	<b>84,643</b>	<b>85,428</b>	<b>85,949</b>	<b>86,104</b>	<b>86,206</b>	<b>85,538</b>	<b>84,313</b>	<b>84,443</b>	<b>85,138</b>	<b>85,241</b>	<b>86,402</b>	<b>87,532</b>
16 to 19 years .....	7,229	7,227	7,456	7,544	7,434	7,362	7,311	7,056	7,029	7,050	7,036	7,169	7,351
16 to 17 years .....	3,002	3,031	3,108	3,123	3,073	3,087	3,043	2,966	2,879	2,883	2,893	2,924	2,920
18 to 19 years .....	4,216	4,188	4,350	4,428	4,350	4,268	4,268	4,106	4,143	4,184	4,144	4,248	4,416
20 to 24 years .....	11,648	11,686	11,912	11,862	11,944	11,923	11,876	11,601	11,603	11,717	11,641	12,010	12,363
25 years and over .....	65,324	65,685	66,072	66,580	66,722	66,875	66,362	65,692	65,809	66,330	66,576	67,261	67,822
25 to 54 years .....	51,536	51,945	52,307	52,792	52,948	53,218	52,787	52,175	52,282	52,879	53,105	53,824	54,399
55 years and over .....	13,768	13,773	13,741	13,786	13,746	13,680	13,555	13,546	13,507	13,487	13,448	13,479	13,393
<b>Males, 16 years and over .....</b>	<b>51,796</b>	<b>52,055</b>	<b>52,450</b>	<b>52,769</b>	<b>52,646</b>	<b>52,499</b>	<b>52,178</b>	<b>51,163</b>	<b>51,073</b>	<b>51,353</b>	<b>51,338</b>	<b>51,858</b>	<b>52,429</b>
16 to 19 years .....	3,991	4,017	4,133	4,175	4,109	4,039	4,000	3,818	3,787	3,803	3,798	3,860	3,925
16 to 17 years .....	1,699	1,727	1,755	1,769	1,726	1,721	1,703	1,634	1,592	1,589	1,592	1,583	1,582
18 to 19 years .....	2,279	2,286	2,383	2,404	2,370	2,320	2,301	2,193	2,189	2,227	2,206	2,270	2,331
20 to 24 years .....	6,529	6,560	6,720	6,660	6,664	6,593	6,569	6,366	6,302	6,343	6,351	6,613	6,778
25 years and over .....	41,269	41,443	41,617	41,960	41,863	41,832	41,630	41,002	40,974	41,179	41,212	41,419	41,719
25 to 54 years .....	32,587	32,803	32,938	33,219	33,130	33,151	32,940	32,462	32,471	32,686	32,802	33,117	33,364
55 years and over .....	8,672	8,650	8,666	8,752	8,719	8,691	8,678	8,557	8,490	8,503	8,399	8,325	8,343
<b>Females, 16 years and over .....</b>	<b>32,406</b>	<b>32,587</b>	<b>32,978</b>	<b>33,180</b>	<b>33,457</b>	<b>33,706</b>	<b>33,360</b>	<b>33,150</b>	<b>33,370</b>	<b>33,784</b>	<b>33,903</b>	<b>34,543</b>	<b>35,103</b>
16 to 19 years .....	3,238	3,210	3,323	3,369	3,326	3,323	3,311	3,238	3,252	3,247	3,238	3,309	3,426
16 to 17 years .....	1,302	1,304	1,353	1,354	1,347	1,366	1,340	1,332	1,287	1,294	1,301	1,341	1,338
18 to 19 years .....	1,937	1,902	1,968	2,024	1,980	1,948	1,968	1,914	1,954	1,956	1,939	1,979	2,085
20 to 24 years .....	5,119	5,126	5,192	5,201	5,280	5,330	5,307	5,235	5,302	5,373	5,290	5,397	5,585
25 years and over .....	24,005	24,242	24,454	24,620	24,859	25,043	24,732	24,690	24,835	25,152	25,364	25,843	26,103
25 to 54 years .....	18,949	19,142	19,369	19,574	19,818	20,068	19,847	19,713	19,811	20,193	20,303	20,707	21,035
55 years and over .....	5,096	5,122	5,075	5,034	5,027	4,989	4,877	4,988	5,017	4,984	5,048	5,154	5,050

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-51. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

Selected categories	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>Total employed</b> .....	84,202	84,643	85,428	85,949	86,104	86,206	85,538	84,313	84,443	85,138	85,241	86,402	87,532
Household heads .....	49,683	50,123	50,370	50,840	50,932	50,920	50,614	49,827	49,935	50,302	50,302	50,718	51,176
Married men, spouse present .....	38,877	38,962	39,112	39,283	39,053	38,846	38,573	38,877	37,859	37,969	37,839	38,005	38,170
Married women, spouse present .....	19,107	19,063	19,400	19,337	19,598	19,779	19,597	19,343	19,424	19,648	19,830	20,014	20,230
<b>Occupation</b>													
White-collar workers .....	40,064	40,408	41,065	41,491	41,820	41,864	41,788	41,885	42,237	42,494	42,322	43,094	43,663
Professional and technical .....	11,594	11,759	12,038	12,220	12,366	12,476	12,301	12,523	12,721	12,898	12,865	13,155	13,235
Managers and administrators, except farm .....	8,533	8,676	8,927	9,028	9,081	8,835	8,821	8,770	8,849	8,970	8,980	9,160	9,281
Sales workers .....	5,448	5,370	5,394	5,420	5,403	5,437	5,410	5,425	5,535	5,527	5,360	5,318	5,521
Clerical workers .....	14,488	14,602	14,706	14,823	14,969	15,115	15,255	15,167	15,132	15,098	15,117	15,462	15,626
Blue-collar workers .....	29,983	30,010	29,997	30,061	29,950	29,833	29,283	27,941	27,804	27,902	28,213	28,676	29,130
Craft and kindred workers .....	11,384	11,349	11,352	11,506	11,524	11,509	11,369	10,869	10,889	10,978	11,129	11,198	11,222
Operatives .....	14,291	14,318	14,317	14,034	14,085	14,028	13,530	12,870	12,775	12,797	12,989	13,236 <sup>c</sup>	12,571
Nonfarm laborers .....	4,308	4,343	4,328	4,521	4,341	4,296	4,384	4,175	4,140	4,127	4,095	4,243	4,337
Service workers .....	11,193	11,173	11,233	11,174	11,317	11,488	11,509	11,618	11,507	11,692	11,823	11,852	11,956
Farm workers .....	2,996	3,005	3,072	3,252	3,064	2,978	2,933	2,873	2,948	3,024	2,865	2,784	2,852
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,244	1,237	1,318	1,428	1,326	1,325	1,338	1,224	1,256	1,350	1,265	1,304	1,324
Self-employed workers .....	1,775	1,758	1,798	1,857	1,748	1,733	1,677	1,711	1,739	1,724	1,687	1,604	1,661
Unpaid family workers .....	404	435	417	416	419	378	360	360	405	403	352	305	365
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	74,792	75,173	75,936	76,269	76,437	76,570	76,028	74,934	74,953	75,590	75,755	76,989	78,022
Private households .....	1,532	1,550	1,542	1,463	1,420	1,385	1,301	1,330	1,394	1,345	1,322	1,265	1,353
Government .....	13,505	13,564	13,727	13,810	14,029	14,060	14,116	14,363	14,465	14,693	14,597	14,883	14,847
Other .....	59,755	60,059	60,667	60,996	60,988	61,125	60,611	59,241	59,094	59,552	59,836	60,841	61,822
Self-employed workers .....	5,425	5,444	5,455	5,464	5,677	5,706	5,684	5,530	5,612	5,633	5,735	5,657	5,681
Unpaid family workers .....	545	570	520	488	488	472	490	501	459	450	509	487	458
<b>Persons at work<sup>1</sup></b>													
<b>Nonagricultural industries:</b>													
Full-time schedules .....	63,521	63,935	64,018	64,230	64,203	64,444	63,450	62,081	61,952	62,024	63,232	64,307	64,505
Part-time for economic reasons .....	2,270	2,400	2,445	2,552	2,505	2,677	3,154	3,728	3,658	3,267	3,319	3,337	3,237
Usually work full time .....	1,035	1,187	1,155	1,228	1,173	1,251	1,599	1,912	1,716	1,457	1,399	1,318	1,369
Usually work part time .....	1,235	1,214	1,291	1,324	1,332	1,425	1,554	1,816	1,943	1,810	1,920	2,019	1,868
Part time for noneconomic reasons .....	10,247	10,235	10,667	10,530	10,372	10,625	10,482	10,436	10,635	10,807	10,551	10,714	10,914

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

<sup>c</sup>=corrected.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**A-52. Job desire of persons not in labor force by current activity, reasons for not seeking work, sex, and race, seasonally adjusted**

(Numbers in thousands)

Characteristic	1973			1974				1975				1976	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
<b>TOTAL</b>													
Total not in labor force	57,102	57,338	57,185	57,094	57,532	57,579	57,941	58,454	58,341	58,506	59,165	59,418	59,030
Do not want job now	52,220	52,817	52,921	53,080	53,237	53,019	53,472	52,831	53,373	53,627	54,254	53,783	53,937
Current activity:													
Going to school	5,893	6,169	5,972	5,904	5,832	6,088	6,145	6,160	6,316	6,440	6,397	6,375	6,213
Ill, disabled	4,523	4,782	4,694	4,733	4,733	4,827	4,876	4,957	4,799	4,674	4,743	4,728	4,659
Keeping house	31,912	31,917	32,266	32,250	32,022	31,809	31,693	31,101	31,461	31,287	31,506	30,894	31,016
Retired	7,242	7,223	7,109	7,187	7,365	7,427	7,556	7,634	7,624	7,848	8,326	8,267	8,429
Other	2,650	2,726	2,880	3,006	3,284	2,868	3,202	2,979	3,174	3,377	3,282	3,519	3,620
Want a job now	4,714	4,336	4,373	4,247	4,453	4,551	4,695	5,221	5,142	5,270	5,301	5,408	5,534
Reason not looking:													
School attendance	1,272	1,096	1,160	1,131	1,188	1,316	1,235	1,458	1,400	1,485	1,559	1,438	1,540
Ill health, disability	663	594	674	654	604	695	646	660	644	658	720	732	781
Home responsibilities	1,079	1,088	967	974	1,070	1,022	1,014	1,199	1,095	1,053	1,100	1,240	1,278
Think cannot get job	767	663	686	649	641	625	839	1,059	1,116	1,160	997	937	905
Job-market factors	550	484	527	418	438	422	592	839	817	947	849	630	627
Personal factors	217	179	159	231	203	203	247	220	299	213	148	307	278
Other reasons <sup>1</sup>	934	895	887	840	951	893	961	844	888	913	925	1,060	1,030
<b>Males</b>													
Total not in labor force	14,520	14,653	14,554	14,457	14,850	15,063	15,112	15,669	15,580	15,647	16,113	16,536	16,260
Do not want job now	12,961	13,361	13,223	13,421	13,447	13,425	13,750	13,776	14,021	14,288	14,618	14,643	14,688
Want a job now	1,497	1,293	1,364	1,236	1,345	1,449	1,473	1,622	1,576	1,698	1,743	1,713	1,667
Reason not looking:													
School attendance	661	582	615	577	605	654	657	786	695	760	765	729	764
Ill health, disability	335	271	258	258	259	291	274	274	286	305	335	325	343
Think cannot get job	240	205	226	174	237	225	285	332	369	386	352	359	313
Other reasons <sup>1</sup>	261	235	266	226	243	278	257	230	226	247	291	300	248
<b>Females</b>													
Total not in labor force	42,581	42,686	42,630	42,638	42,683	42,517	42,829	42,787	42,762	42,859	43,053	42,871	42,770
Do not want job now	39,259	39,456	39,699	39,660	39,790	39,594	39,723	39,056	39,353	39,338	39,635	39,139	39,249
Want a job now	3,217	3,043	3,009	3,011	3,109	3,102	3,222	3,599	3,566	3,572	3,558	3,694	3,867
Reason not looking:													
School attendance	611	514	545	553	583	662	578	672	705	725	794	708	777
Ill health, disability	328	323	416	395	344	404	372	386	358	353	385	408	438
Home responsibilities	1,079	1,088	967	974	1,070	1,022	1,014	1,199	1,095	1,053	1,100	1,240	1,278
Think cannot get job	526	458	460	474	404	400	554	727	746	774	645	578	592
Other reasons	674	659	622	614	708	614	704	614	662	667	634	760	782
<b>White</b>													
Total not in labor force	50,676	50,734	50,489	50,409	50,705	50,667	50,859	51,298	51,192	51,246	51,729	52,017	51,670
Do not want job now	46,748	47,450	47,096	47,165	47,299	47,211	47,246	46,925	47,330	47,483	47,985	47,628	47,649
Want a job now	3,639	3,257	3,363	3,351	3,413	3,513	3,665	4,029	3,927	4,066	4,024	4,132	4,130
Reason not looking:													
School attendance	987	822	895	896	910	1,022	922	1,109	1,090	1,120	1,169	1,090	1,117
Ill health, disability	524	422	443	475	433	503	509	489	454	470	545	507	520
Home responsibilities	853	843	769	817	823	784	819	947	872	866	828	940	980
Think cannot get job	494	496	551	499	503	481	631	775	789	857	699	700	701
Other reasons	780	674	705	664	745	723	783	708	722	753	782	894	818
<b>Black and other</b>													
Total not in labor force	6,654	6,611	6,630	6,700	6,886	6,928	7,019	7,148	7,197	7,246	7,349	7,390	7,418
Do not want job now	5,586	5,528	5,656	5,791	5,873	5,930	6,018	5,877	5,998	6,114	6,132	6,049	6,073
Want a job now	1,044	1,080	1,017	882	1,003	1,046	1,024	1,172	1,173	1,212	1,288	1,260	1,361
Reason not looking:													
School attendance	306	253	255	224	287	282	299	335	316	336	369	339	430
Ill health, disability	131	174	244	172	162	189	142	171	177	191	194	226	249
Home responsibilities	239	272	228	194	253	269	218	279	238	225	302	315	298
Think cannot get job	233	183	144	147	137	160	204	274	310	332	311	226	209
Other reasons	133	198	146	145	163	147	162	114	132	127	112	154	174

<sup>1</sup> Includes small number of men not looking for work because of home responsibilities.

## HOUSEHOLD DATA QUARTERLY AVERAGES

### A-53. Job desire of persons not in labor force and reasons for not seeking work by age and sex

(In thousands)

Reasons for not seeking work	Total		Age in years								
			16-19		20-24		25-59		60 and over		
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	
<b>Total</b>											
Total not in labor force	58,488	59,186	7,333	7,315	4,727	4,698	23,593	23,444	22,835	23,729	
Do not want a job now	53,008	53,377	5,431	5,385	3,812	3,701	21,417	21,076	22,346	23,215	
Current activity:											
Going to school	5,666	5,505	3,936	3,880	1,270	1,167	447	430	13	27	
Ill, disabled	4,881	4,736	48	41	110	112	2,243	2,318	2,481	2,266	
Keeping house	31,633	31,189	666	609	2,016	2,022	17,130	16,565	11,820	11,992	
Retired	7,706	8,531	--	--	--	--	164	142	7,543	8,388	
Other	3,122	3,417	780	855	417	401	1,436	1,620	488	542	
Want a job now	5,480	5,809	1,902	1,930	915	997	2,176	2,368	489	514	
Reason not looking:											
School attendance	1,952	2,083	1,412	1,495	403	412	134	177	4	--	
Ill health, disability	584	709	17	36	45	59	381	471	140	142	
Home responsibilities	1,014	1,160	97	88	173	238	726	771	17	62	
Think cannot get job	1,108	904	214	155	153	119	528	454	213	175	
Job-market factors	845	648	160	119	118	82	450	372	117	77	
Personal factors	263	257	55	36	35	38	79	85	95	98	
Other reasons <sup>1</sup>	822	953	162	156	141	169	407	495	115	135	
<b>Males</b>											
Total not in labor force	15,499	16,186	3,137	3,182	1,292	1,294	2,841	3,036	8,229	8,674	
Do not want a job now	13,608	14,194	2,241	2,264	916	927	2,462	2,570	7,986	8,432	
Current activity:											
Going to school	2,788	2,719	1,881	1,830	640	625	265	259	2	5	
Ill, disabled	2,604	2,670	17	20	52	50	1,213	1,347	1,321	1,254	
Keeping house	221	218	14	11	6	12	58	53	142	142	
Retired	6,278	6,734	--	--	--	--	146	127	6,132	6,606	
Other	1,718	1,853	329	404	218	239	783	785	389	427	
Want a job now	1,891	1,992	896	918	376	367	379	466	243	242	
Reason not looking:											
School attendance	1,007	1,088	726	747	221	251	60	90	--	--	
Ill health, disability	265	319	8	21	29	30	149	187	80	80	
Think cannot get job	381	326	102	87	71	36	92	109	117	95	
Other reasons <sup>1</sup>	238	259	60	63	55	50	78	80	46	67	
<b>Females</b>											
Total not in labor force	42,988	43,000	4,196	4,133	3,435	3,404	20,751	20,408	14,606	15,055	
Do not want a job now	39,401	39,183	3,190	3,122	2,897	2,776	18,956	18,505	14,359	14,781	
Current activity:											
Going to school	2,879	2,786	2,055	2,050	630	543	182	171	11	22	
Ill, disabled	2,278	2,066	32	22	57	62	1,029	971	1,158	1,011	
Keeping house	31,412	30,970	651	598	2,010	2,010	17,070	16,513	11,680	11,850	
Retired	1,428	1,797	--	--	--	--	17	15	1,410	1,782	
Other	1,404	1,564	451	452	199	162	654	835	99	116	
Want a job now	3,587	3,817	1,006	1,011	538	628	1,795	1,903	247	274	
Reason not looking:											
School attendance	944	995	686	748	181	160	73	88	4	--	
Ill health, disability	318	390	8	15	16	28	233	283	61	63	
Home responsibilities	1,014	1,160	97	88	173	238	726	771	17	62	
Think cannot get job	727	578	113	68	82	84	436	346	96	80	
Other reasons <sup>1</sup>	584	694	102	92	86	118	327	415	69	69	

<sup>1</sup> Includes small number of men not looking for work because of "home responsibilities."

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## A-54. Job desire of persons not in labor force and reasons for not seeking work by age, race, and sex

[In thousands]

Reasons for not seeking work	Total		Age in years						Males		Females	
			16-24		25-59		60 and over		1975	1976	1975	1976
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976				
<b>WHITE</b>												
Total not in labor force	51,280	51,751	9,796	9,652	20,786	20,584	20,699	21,515	13,241	13,786	38,039	37,965
Do not want a job now	47,064	47,364	7,636	7,463	19,131	18,827	20,300	21,071	11,770	12,289	35,294	35,075
Current activity:												
Going to school	4,602	4,436	4,248	4,048	343	362	10	25	2,258	2,218	2,344	2,218
Ill, disabled	3,973	3,872	112	133	1,779	1,857	2,083	1,882	2,161	2,193	1,812	1,679
Keeping house	28,824	28,422	2,326	2,253	15,632	15,112	10,860	11,057	175	190	28,649	28,232
Retired	7,075	7,758	--	--	161	133	6,914	7,625	5,754	6,149	1,321	1,609
Other	2,590	2,877	947	1,027	1,212	1,366	432	482	1,421	1,539	1,169	1,338
Want a job now	4,216	4,387	2,160	2,189	1,655	1,757	399	444	1,471	1,497	2,745	2,890
Reason not looking:												
School attendance	1,567	1,590	1,445	1,464	117	127	4	--	814	834	753	756
Ill health, disability	413	473	42	54	254	302	115	117	196	230	217	243
Home responsibilities <sup>1</sup>	775	854	202	219	562	591	13	44	--	--	775	854
Think cannot get job	767	676	228	180	374	338	164	157	260	231	507	445
Other reasons	694	794	243	272	348	399	103	126	201	202	493	592
<b>BLACK AND OTHER</b>												
Total not in labor force	7,207	7,434	2,264	2,361	2,808	2,857	2,135	2,214	2,258	2,400	4,949	5,034
Do not want a job now	5,943	6,013	1,607	1,625	2,287	2,247	2,049	2,142	1,838	1,906	4,105	4,107
Current activity:												
Going to school	1,063	1,071	958	998	103	68	3	2	529	503	534	568
Ill, disabled	908	864	46	19	465	462	399	383	442	477	466	387
Keeping house	2,809	2,767	354	378	1,494	1,456	961	935	45	29	2,764	2,738
Retired	630	774	--	--	2	10	628	764	524	585	106	189
Other	532	540	251	228	227	252	55	59	297	314	235	226
Want a job now	1,264	1,421	657	736	521	610	86	72	420	494	844	927
Reason not looking:												
School attendance	386	492	370	442	15	51	--	--	194	253	192	239
Ill health, disability	170	236	19	41	127	168	24	26	69	89	101	147
Home responsibilities <sup>1</sup>	239	306	68	108	167	179	4	19	--	--	239	306
Think cannot get job	340	229	140	94	153	117	47	17	120	96	220	133
Other reasons	129	158	60	51	59	95	11	10	37	56	92	102

<sup>1</sup> Small number of men not looking for work because of "home responsibilities" are included in "other reasons."

## A-55. Persons not in labor force who desire work but think they cannot get jobs by age, race, sex, and detailed reason

[In thousands]

2nd Quarter 1976

Detailed reason for not seeking work	Total	Age in years				Race	
		16-19	20-24	25-59	60 and over	White	Black and other
<b>TOTAL</b>							
Personal factors:							
Employers think too young or old	131	20	--	22	89	116	14
Lacks education or training	75	6	29	32	7	52	23
Other personal handicap	51	10	9	31	2	33	18
Job-market factors:							
Could not find job	381	84	53	213	32	252	128
Thinks no job available	267	35	29	159	45	222	45
<b>Males</b>							
Personal factors:							
Employers think too young or old	56	10	--	10	35	48	8
Lacks education or training	20	2	9	8	--	9	11
Other personal handicap	21	4	4	13	--	17	4
Job-market factors:							
Could not find job	149	53	14	58	24	86	62
Thinks no job available	80	17	9	19	35	70	10
<b>Females</b>							
Personal factors:							
Employers think too young or old	74	10	--	10	53	68	6
Lacks education or training	55	4	19	24	7	43	12
Other personal handicap	29	5	5	17	2	16	14
Job-market factors:							
Could not find job	232	31	39	154	7	166	66
Thinks no job available	187	18	20	138	10	152	35

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**A-56. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age, race, and sex**

(Numbers in thousands)

Most recent work experience and reason for leaving job	Total		Age in years						White		Black and other	
			16-24		25-59		60 and over					
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976
<b>Total, not in labor force</b>	58,488	59,185	12,060	12,013	23,593	23,444	22,835	23,729	51,280	51,751	7,207	7,434
Never worked	10,434	10,172	5,124	5,203	2,481	2,330	2,829	2,639	8,646	8,345	1,788	1,826
Last worked over 5 years ago	27,122	28,286	345	354	11,964	12,092	14,813	15,840	24,356	25,358	2,766	2,928
Last worked 1 to 5 years ago	10,983	11,444	1,924	2,095	5,355	5,517	3,705	3,834	9,650	10,027	1,333	1,418
Left job during previous 12 months	9,948	9,283	4,667	4,362	3,794	3,505	1,487	1,415	8,628	8,021	1,320	1,263
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	41.2	38.2	55.3	51.8	37.6	35.1	6.2	4.3	42.3	39.3	33.8	31.8
Ill health, disability	9.3	9.5	1.9	2.4	14.2	15.6	20.4	16.1	8.6	8.4	14.1	16.3
Retirement, old age	8.0	8.9	--	--	2.7	2.8	46.4	51.1	8.7	9.7	3.3	3.6
Economic reasons	21.4	21.0	18.8	18.8	25.6	24.3	19.2	19.6	20.3	20.2	28.7	26.4
End of seasonal job	7.7	7.8	7.8	8.0	7.9	8.0	7.2	6.9	7.3	7.5	10.5	9.7
Slack work	7.6	6.1	5.7	4.1	10.5	8.6	6.3	6.6	7.3	5.9	10.2	7.8
End of temporary job	6.1	7.0	5.3	6.8	7.2	7.7	5.7	6.1	5.8	6.7	8.0	8.9
All other reasons	20.0	22.4	24.1	26.9	19.9	22.3	7.8	8.9	20.0	22.5	20.1	21.9
<b>Males, not in labor force</b>	15,499	16,186	4,429	4,476	2,841	3,035	8,229	8,674	13,241	13,786	2,258	2,400
Never worked	2,121	2,323	1,848	2,022	218	229	55	72	1,611	1,749	510	574
Last worked over 5 years ago	6,275	6,677	49	41	959	1,061	5,267	5,574	5,512	5,857	763	820
Last worked 1 to 5 years ago	3,410	3,774	456	509	920	1,069	2,033	2,195	2,946	3,268	463	506
Left job during previous 12 months	3,693	3,412	2,076	1,902	744	676	875	832	3,172	2,912	521	500
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	32.2	29.1	51.4	46.3	13.9	14.2	2.2	1.9	33.2	29.5	25.9	27.2
Ill health, disability	11.3	12.2	1.5	2.7	31.2	33.5	17.8	16.9	10.6	11.1	15.5	19.0
Retirement, old age	15.3	15.7	--	--	8.7	7.0	57.0	58.9	16.8	17.5	6.1	5.4
Economic reasons	20.1	19.0	20.9	20.0	20.1	19.4	18.3	16.2	18.5	17.8	30.1	26.2
End of seasonal job	7.9	7.4	8.9	9.3	4.8	2.8	8.2	6.7	7.2	7.1	12.1	9.6
Slack work	7.4	6.3	6.8	4.0	11.7	12.7	5.1	6.3	6.8	5.8	11.1	9.2
End of temporary job	4.8	5.3	5.2	6.6	3.5	3.9	4.9	3.2	4.5	4.9	6.9	7.4
All other reasons	21.0	23.9	26.2	31.0	26.1	25.9	4.7	6.0	20.9	24.2	22.3	22.2
<b>Females, not in labor force</b>	42,988	43,000	7,631	7,537	20,751	20,408	14,606	15,055	38,039	37,965	4,949	5,034
Never worked	8,313	7,848	3,275	3,181	2,263	2,101	2,774	2,567	7,035	6,596	1,278	1,252
Last worked over 5 years ago	20,847	21,609	296	312	11,003	11,031	9,547	10,266	18,844	19,501	2,003	2,108
Last worked 1 to 5 years ago	7,574	7,671	1,466	1,586	4,434	4,447	1,672	1,639	6,704	6,759	870	912
Left job during previous 12 months	6,255	5,872	2,590	2,459	3,052	2,828	613	584	5,456	5,109	799	763
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	46.5	43.5	58.4	56.0	43.4	40.1	11.9	7.7	47.6	44.8	39.0	34.8
Ill health, disability	8.2	7.9	2.1	2.3	10.1	11.4	24.0	14.9	7.4	6.9	13.2	14.6
Retirement, old age	3.7	4.8	--	--	1.3	1.8	31.2	40.0	4.0	5.2	1.5	2.4
Economic reasons	22.2	22.2	17.1	17.9	26.9	25.4	20.6	24.4	21.4	21.5	27.7	26.5
End of seasonal job	7.6	8.1	6.9	6.9	8.6	9.3	5.7	7.0	7.3	7.8	9.4	9.8
Slack work	7.8	6.1	4.9	4.1	10.2	7.6	8.0	7.0	7.6	6.0	9.5	6.8
End of temporary job	6.8	8.0	5.3	6.9	8.1	8.5	6.9	10.3	6.5	7.8	8.8	9.8
All other reasons	19.4	21.6	22.4	23.7	18.3	21.4	12.4	13.0	19.5	21.5	18.7	21.8

**A-57. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within next 12 months by age, race, and sex**

(In thousands)

Work-seeking intentions and work history	Total		Age in years						White		Black and other	
			16-24		25-59		60 and over					
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976
<b>Total</b>	49,960	50,686	7,157	7,286	20,440	20,170	22,364	23,231	44,462	44,944	5,497	5,742
Do not intend to seek work	8,528	8,499	4,903	4,727	3,153	3,274	471	498	6,818	6,807	1,710	1,692
Intend to seek work in the next 12 months	1,756	1,789	1,647	1,704	106	85	2	--	1,276	1,347	479	443
Never worked	915	1,082	51	52	777	914	85	117	793	919	423	162
Last worked over 5 years ago	1,835	1,958	696	683	959	1,058	180	217	1,411	1,536	686	423
Last worked 1 to 5 years ago	4,023	3,670	2,509	2,289	1,311	1,216	203	165	3,337	3,005	686	665
Worked during previous 12 months												
<b>Males</b>	12,519	13,287	2,236	2,409	2,288	2,451	7,994	8,427	10,846	11,511	1,673	1,776
Do not intend to seek work	2,980	2,899	2,193	2,068	553	583	235	248	2,395	2,275	585	624
Intend to seek work in the next 12 months	670	757	665	742	5	15	--	--	492	563	178	194
Never worked	64	119	8	10	38	64	18	46	60	86	4	33
Last worked over 5 years ago	560	549	263	236	194	214	103	100	436	431	124	118
Last worked 1 to 5 years ago	1,686	1,474	1,257	1,080	315	292	115	103	1,407	1,195	279	279
Worked during previous 12 months												
<b>Females</b>	37,440	37,399	4,921	4,877	18,149	17,717	14,369	14,804	33,616	33,433	3,824	3,966
Do not intend to seek work	5,548	5,601	2,710	2,659	2,602	2,691	237	250	4,423	4,532	1,125	1,068
Intend to seek work in the next 12 months	1,085	1,033	981	963	102	71	2	--	784	784	301	249
Never worked	850	962	43	41	738	851	69	71	733	833	117	129
Last worked over 5 years ago	1,275	1,409	433	447	764	845	77	117	975	1,105	299	305
Last worked 1 to 5 years ago	2,338	2,196	1,252	1,208	996	924	88	62	1,930	1,810	407	386
Worked during previous 12 months												

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## A-58. Employment status of the civilian noninstitutional population and the white, black, and Spanish origin components by sex and age

[Numbers in thousands]

Employment status	Total		White		Black <sup>1</sup>		Spanish origin <sup>2</sup>	
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976
<b>TOTAL</b>								
Civilian noninstitutional population . . . . .	150,872	153,576	133,219	135,303	15,486	15,909	6,636	6,696
Civilian labor force . . . . .	92,383	94,390	81,939	83,552	9,077	9,364	4,038	4,040
Percent of population . . . . .	61.2	61.5	61.5	61.8	58.6	58.9	60.8	60.3
Employment . . . . .	84,380	87,440	75,418	78,004	7,709	8,085	3,517	3,590
Agriculture . . . . .	3,554	3,489	3,264	3,217	252	224	191	197
Nonagricultural industries . . . . .	80,826	83,951	72,155	74,787	7,457	7,861	3,326	3,393
Unemployment . . . . .	8,004	6,950	6,521	5,548	1,368	1,279	521	450
Unemployment rate . . . . .	8.7	7.4	8.0	6.6	15.1	13.7	12.9	11.1
Not in labor force . . . . .	58,488	59,186	51,280	51,751	6,408	6,545	2,598	2,656
<b>Males, 20 years and over</b>								
Civilian noninstitutional population . . . . .	63,181	64,400	56,359	57,348	6,812	6,073	2,664	2,689
Civilian labor force . . . . .	50,818	51,396	45,626	46,046	5,192	4,575	2,273	2,247
Percent of population . . . . .	80.4	79.8	81.0	80.3	76.2	75.3	85.3	83.6
Employment . . . . .	47,280	48,499	42,709	43,691	4,571	4,084	2,043	2,057
Agriculture . . . . .	2,490	2,478	2,286	2,270	204	173	153	143
Nonagricultural industries . . . . .	44,780	46,021	40,423	41,422	4,367	3,911	1,890	1,914
Unemployment . . . . .	3,539	2,897	2,917	2,355	621	491	230	190
Unemployment rate . . . . .	7.0	5.6	6.4	5.1	12.0	10.7	10.1	8.5
Not in labor force . . . . .	12,363	13,004	10,743	11,302	1,620	1,499	391	441
<b>Females, 20 years and over</b>								
Civilian noninstitutional population . . . . .	71,465	72,754	63,015	64,006	8,450	7,575	3,050	3,139
Civilian labor force . . . . .	32,673	33,887	28,375	29,327	4,298	3,969	1,342	1,393
Percent of population . . . . .	45.7	46.6	45.0	45.8	50.9	52.4	44.0	44.4
Employment . . . . .	30,044	31,578	26,235	27,494	3,808	3,539	1,178	1,233
Agriculture . . . . .	541	535	500	494	42	34	15	32
Nonagricultural industries . . . . .	29,502	31,044	25,736	27,000	3,767	3,505	1,163	1,201
Unemployment . . . . .	2,629	2,308	2,140	1,832	489	430	165	160
Unemployment rate . . . . .	8.0	6.8	7.5	6.2	11.4	10.8	12.3	11.5
Not in labor force . . . . .	38,792	38,868	34,640	34,679	4,152	3,606	1,707	1,746
<b>Both sexes, 16-19 years</b>								
Civilian noninstitutional population . . . . .	16,226	16,422	13,835	13,950	2,390	2,261	922	868
Civilian labor force . . . . .	8,893	9,107	7,938	8,180	955	820	423	400
Percent of population . . . . .	54.8	55.5	57.4	58.6	40.0	36.3	45.9	46.1
Employment . . . . .	7,056	7,363	6,474	6,819	582	462	296	300
Agriculture . . . . .	523	476	478	454	45	18	23	22
Nonagricultural industries . . . . .	6,533	6,886	5,996	6,365	537	444	273	279
Unemployment . . . . .	1,836	1,744	1,464	1,361	372	358	127	99
Unemployment rate . . . . .	20.7	19.2	18.4	16.6	39.0	43.7	30.0	24.9
Not in labor force . . . . .	7,333	7,315	5,897	5,770	1,436	1,441	499	469

<sup>1</sup> According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

means that they are also included in the data for white and black workers. At the time of the 1970 Census, approximately 96 percent of their population was white.

<sup>2</sup> Data on persons of Spanish origin are tabulated separately, without regard to race, which

## HOUSEHOLD DATA QUARTERLY AVERAGES

### A-59. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Not seasonally adjusted		Seasonally adjusted								
	II 1975	II 1976	1974			1975				1976	
			II	III	IV	I	II	III	IV	I	II
<b>VETERANS<sup>1</sup></b>											
<b>Total, 20 to 34 years:</b>											
Civilian noninstitutional population <sup>2</sup>	6,423	6,668	6,109	6,204	6,311	6,373	6,423	6,488	6,584	6,640	6,668
Civilian labor force	6,021	6,301	5,774	5,848	5,968	5,959	6,029	6,108	6,202	6,221	6,316
Employed	5,448	5,820	5,492	5,541	5,566	5,448	5,461	5,522	5,575	5,745	5,837
Unemployed	573	481	281	307	402	510	569	586	627	476	479
Unemployment rate	9.5	7.6	4.9	5.3	6.7	8.6	9.4	9.6	10.1	7.7	7.6
<b>20 to 24 years</b>											
Civilian noninstitutional population <sup>2</sup>	1,187	1,088	1,396	1,347	1,306	1,239	1,187	1,146	1,128	1,101	1,088
Civilian labor force	1,035	946	1,247	1,201	1,168	1,065	1,037	1,010	973	921	949
Employed	823	792	1,129	1,063	1,005	877	823	818	754	760	749
Unemployed	213	154	119	138	163	188	214	192	219	161	155
Unemployment rate	20.5	16.3	9.5	11.5	14.0	17.7	20.7	19.0	22.5	17.5	16.3
<b>25 to 29 years</b>											
Civilian noninstitutional population <sup>2</sup>	3,486	3,328	3,411	3,448	3,488	3,505	3,486	3,471	3,463	3,421	3,328
Civilian labor force	3,285	3,158	3,250	3,277	3,330	3,314	3,286	3,278	3,304	3,245	3,160
Employed	3,034	2,934	3,120	3,144	3,139	3,077	3,042	3,005	3,003	3,019	2,942
Unemployed	251	224	130	133	190	237	243	274	301	225	218
Unemployment rate	7.6	7.1	4.0	4.1	5.7	7.2	7.4	8.3	9.1	6.9	6.9
<b>30 to 34 years</b>											
Civilian noninstitutional population <sup>2</sup>	1,750	2,252	1,302	1,409	1,516	1,629	1,750	1,871	1,993	2,118	2,252
Civilian labor force	1,701	2,197	1,276	1,370	1,471	1,579	1,707	1,820	1,925	2,055	2,207
Employed	1,591	2,094	1,244	1,333	1,422	1,495	1,596	1,699	1,818	1,965	2,101
Unemployed	109	103	32	37	49	85	111	121	107	90	106
Unemployment rate	6.4	4.7	2.5	2.7	3.3	5.4	6.5	6.6	5.6	4.4	4.8
<b>NONVETERANS</b>											
<b>Total, 20 to 34 years:</b>											
Civilian noninstitutional population <sup>2</sup>	15,767	16,640	14,878	15,102	15,301	15,544	15,767	16,006	16,200	16,419	16,640
Civilian labor force	14,214	15,026	13,489	13,653	13,899	14,024	14,199	14,417	14,518	14,730	15,019
Employed	12,747	13,814	12,763	12,843	12,834	12,705	12,768	12,926	13,094	13,482	13,837
Unemployed	1,466	1,212	726	810	1,065	1,319	1,432	1,491	1,424	1,248	1,182
Unemployment rate	10.3	8.1	5.4	5.9	7.7	9.4	10.1	10.3	9.8	8.5	7.9
<b>20 to 24 years</b>											
Civilian noninstitutional population <sup>2</sup>	7,526	7,885	7,003	7,121	7,242	7,400	7,526	7,639	7,724	7,819	7,885
Civilian labor force	6,385	6,733	5,985	6,032	6,186	6,299	6,352	6,432	6,454	6,631	6,708
Employed	5,477	5,983	5,540	5,525	5,566	5,492	5,482	5,516	5,600	5,862	5,990
Unemployed	908	750	445	506	620	807	870	916	854	769	718
Unemployment rate	14.2	11.1	7.4	8.4	10.0	12.8	13.7	14.2	13.2	11.6	10.7
<b>25 to 29 years</b>											
Civilian noninstitutional population <sup>2</sup>	4,368	4,972	4,059	4,122	4,183	4,262	4,368	4,493	4,626	4,775	4,972
Civilian labor force	4,120	4,669	3,839	3,897	3,971	4,038	4,134	4,252	4,354	4,479	4,683
Employed	3,783	4,385	3,664	3,729	3,700	3,718	3,794	3,889	4,021	4,182	4,396
Unemployed	336	284	175	168	271	320	340	363	333	297	287
Unemployment rate	8.2	6.1	4.6	4.3	6.8	7.9	8.2	8.5	7.7	6.6	6.1
<b>30 to 34 years</b>											
Civilian noninstitutional population <sup>2</sup>	3,874	3,783	3,817	3,860	3,877	3,882	3,874	3,874	3,851	3,825	3,783
Civilian labor force	3,709	3,624	3,665	3,724	3,743	3,686	3,713	3,733	3,710	3,621	3,629
Employed	3,487	3,446	3,559	3,588	3,568	3,494	3,492	3,520	3,473	3,439	3,451
Unemployed	222	178	106	136	175	192	222	212	237	182	178
Unemployment rate	6.0	4.9	2.9	3.6	4.7	5.2	6.0	5.7	6.4	5.0	4.9

<sup>1</sup> Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

# HOUSEHOLD DATA QUARTERLY AVERAGES

## A-60. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years by age and race

[Numbers in thousands]

Employment status	Veterans <sup>1</sup>						Nonveterans					
	White			Black and other			White			Black and other		
	II 1975	I 1976	II 1976	II 1975	I 1976	II 1976	II 1975	I 1976	II 1976	II 1975	I 1976	II 1976
<b>Total, 20 to 34 years:</b>												
Civilian noninstitutional population . . . . .	5,791	5,969	5,987	632	671	681	13,722	14,280	14,482	2,045	2,139	2,158
Civilian labor force . . . . .	5,456	5,639	5,695	565	596	606	12,478	12,766	13,184	1,736	1,777	1,842
Employed . . . . .	4,970	5,143	5,309	478	488	511	11,296	11,603	12,212	1,452	1,490	1,602
Unemployed . . . . .	486	496	386	87	108	95	1,182	1,163	972	284	287	240
Unemployment rate . . . . .	8.9	8.8	6.8	15.4	18.1	15.7	9.5	9.1	7.4	16.4	16.2	13.0
<b>20 to 24 years</b>												
Civilian noninstitutional population . . . . .	1,038	922	925	149	179	163	6,579	6,855	6,895	947	964	990
Civilian labor force . . . . .	919	799	816	116	133	130	5,640	5,689	5,941	745	746	792
Employed . . . . .	744	638	698	78	92	94	4,901	4,988	5,338	576	586	645
Unemployed . . . . .	175	161	118	38	41	36	739	701	603	169	160	147
Unemployment rate . . . . .	19.0	20.2	14.5	32.8	30.8	27.7	13.1	12.3	10.1	22.7	21.4	18.6
<b>25 to 29 years</b>												
Civilian noninstitutional population . . . . .	3,166	3,126	3,013	320	295	315	3,806	4,134	4,335	561	641	637
Civilian labor force . . . . .	2,991	2,972	2,875	294	278	283	3,618	3,903	4,104	502	560	565
Employed . . . . .	2,773	2,729	2,683	261	240	251	3,344	3,621	2,877	440	486	508
Unemployed . . . . .	218	243	192	33	38	32	274	282	227	62	74	57
Unemployment rate . . . . .	7.3	8.2	6.7	11.2	13.7	11.3	7.6	7.2	5.5	12.4	13.2	10.1
<b>30 to 34 years</b>												
Civilian noninstitutional population . . . . .	1,587	1,921	2,049	163	197	203	3,337	3,291	3,252	537	534	531
Civilian labor force . . . . .	1,546	1,868	2,004	155	185	193	3,220	3,174	3,139	489	471	485
Employed . . . . .	1,453	1,776	1,928	139	156	166	3,051	2,994	2,997	436	418	449
Unemployed . . . . .	93	92	76	16	29	27	169	180	142	53	53	36
Unemployment rate . . . . .	6.0	4.9	3.8	10.3	15.7	14.0	5.2	5.7	4.5	10.8	11.3	7.4

<sup>1</sup> See footnote 1, table A-59.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**A-61. Employment status of the population in metropolitan and nonmetropolitan areas by sex, age, and race**

(Numbers in thousands)

Employment status	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976
<b>Total</b>												
Civilian noninstitutional population	103,144	104,876	44,806	45,143	58,338	59,733	47,727	48,701	5,198	4,863	42,529	43,838
Civilian labor force	64,136	65,582	26,952	27,252	37,184	38,330	28,247	28,808	3,287	3,069	24,960	25,739
Percent of population	62.2	62.5	60.2	60.4	63.7	64.2	59.2	59.2	63.2	63.1	58.7	58.7
Employed	58,464	60,505	24,259	24,810	34,205	35,695	25,915	26,935	3,184	3,006	22,731	23,929
Unemployed	5,672	5,077	2,692	2,442	2,980	2,635	2,332	1,873	103	63	2,229	1,810
Unemployment rate	8.8	7.7	10.0	9.0	8.0	6.9	8.3	6.5	3.1	2.1	8.9	7.0
Not in labor force	39,008	39,294	17,854	17,891	21,154	21,403	19,480	19,892	1,912	1,795	17,569	18,097
<b>Males, 20 years and over</b>												
Civilian noninstitutional population	43,081	43,846	18,366	18,521	24,715	25,325	20,099	20,555	2,335	2,196	17,764	18,359
Civilian labor force	35,104	35,488	14,418	14,415	20,686	21,073	15,714	15,909	2,012	1,872	13,702	14,037
Percent of population	81.5	80.9	78.5	77.8	83.7	83.2	78.2	77.4	86.2	85.2	77.1	76.5
Employed	32,560	33,314	13,156	13,294	19,404	20,020	14,719	15,185	1,978	1,854	12,741	13,331
Unemployed	2,543	2,174	1,261	1,121	1,282	1,053	995	723	34	18	961	705
Unemployment rate	7.2	6.1	8.7	7.8	6.2	5.0	6.3	4.5	1.7	.9	7.0	5.0
Not in labor force	7,978	8,358	3,948	4,106	4,030	4,252	4,385	4,646	323	324	4,062	4,322
<b>Females, 20 years and over</b>												
Civilian noninstitutional population	49,121	49,859	21,983	22,148	27,138	27,711	22,344	22,895	2,195	2,075	20,149	20,820
Civilian labor force	22,983	23,867	10,281	10,556	12,702	13,311	9,690	10,019	886	850	8,804	9,169
Percent of population	46.8	47.9	46.8	47.7	46.8	48.0	43.4	43.8	40.4	41.0	43.7	44.0
Employed	21,160	22,234	9,418	9,788	11,742	12,446	8,883	9,345	841	828	8,042	8,517
Unemployed	1,822	1,633	863	767	959	866	807	675	45	21	762	654
Unemployment rate	7.9	6.8	8.4	7.3	7.5	6.5	8.3	6.7	5.1	2.5	8.7	7.1
Not in labor force	26,138	25,992	11,702	11,592	14,436	14,399	12,654	12,876	1,309	1,225	11,345	11,651
<b>Both sexes, 16-19 years</b>												
Civilian noninstitutional population	10,942	11,171	4,457	4,474	6,485	6,697	5,284	5,251	668	593	4,616	4,658
Civilian labor force	6,050	6,226	2,253	2,282	3,797	3,944	2,843	2,880	389	347	2,454	2,533
Percent of population	55.3	55.7	50.5	51.0	58.6	58.9	53.8	54.9	58.2	58.5	53.2	54.4
Employed	4,743	4,957	1,685	1,729	3,058	3,228	2,313	2,405	365	323	1,948	2,082
Unemployed	1,306	1,269	568	552	738	717	530	475	23	24	507	451
Unemployment rate	21.6	20.4	25.2	24.2	19.4	18.2	18.6	16.5	6.0	6.9	20.7	17.8
Not in labor force	4,892	4,944	2,204	2,192	2,688	2,752	2,441	2,371	279	246	2,162	2,125
<b>White</b>												
Civilian noninstitutional population	89,494	90,830	34,627 <sup>c</sup>	34,820	54,867 <sup>c</sup>	56,010	43,725	44,473	4,857	4,565	38,868	39,908
Civilian labor force	55,983	57,107	21,036	21,214	34,947	35,893	25,956	26,445	3,080	2,908	22,876	23,537
Percent of population	62.6	62.9	60.8	60.9	63.7	64.1	59.4	59.5	63.4	63.7	58.9	59.0
Employed	51,430	53,136	19,172	19,591	32,258	33,545	23,988	24,868	2,994	2,850	20,994	22,018
Unemployed	4,553	3,971	1,864	1,623	2,689	2,348	1,968	1,576	86	57	1,882	1,519
Unemployment rate	8.1	7.0	8.9	7.7	7.7	6.5	7.6	6.0	2.8	2.0	8.2	6.5
Not in labor force	33,511	33,723	13,592	13,606	19,919	20,117	17,769	18,028	1,777	1,657	15,992	16,371
<b>Black and other</b>												
Civilian noninstitutional population	13,650	14,045	10,179	10,323	3,471	3,722	4,002	4,228	342	299	3,660	3,929
Civilian labor force	8,153	8,475	5,916	6,039	2,237	2,436	2,291	2,363	207	161	2,084	2,202
Percent of population	59.7	60.3	58.1	58.5	64.4	65.4	57.3	55.9	60.5	53.9	56.9	56.0
Employed	7,034	7,370	5,088	5,220	1,946	2,150	1,928	2,067	190	155	1,738	1,912
Unemployed	1,119	1,105	828	818	291	287	364	297	17	6	347	291
Unemployment rate	13.7	13.0	14.0	13.5	13.0	11.8	15.9	12.5	8.1	3.5	16.7	13.2
Not in labor force	5,497	5,571	4,264	4,284	1,233	1,287	1,711	1,864	135	138	1,576	1,726

c = corrected.



# HOUSEHOLD DATA QUARTERLY AVERAGES

## A-62. Employment status of the population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976
<b>Total</b>												
Civilian noninstitutional population	28,935	29,187	121,937	124,601	11,740	11,861	91,404	93,221	17,195	17,325	30,533	31,380
Civilian labor force	15,831	16,165	76,553	79,949	6,255	6,320	57,881	60,476	9,575	9,845	18,672	19,473
Percent of population	54.7	55.4	62.8	64.2	53.3	53.3	63.3	64.9	55.7	56.8	61.2	62.1
Employed	14,131	14,566	70,249	73,893	5,366	5,389	53,098	55,793	8,764	9,177	17,151	18,100
Unemployed	1,700	1,599	6,304	6,056	889	931	4,783	4,683	811	668	1,521	1,372
Unemployment rate	10.7	9.9	8.2	7.6	14.2	14.7	8.3	7.7	8.5	6.8	8.1	7.0
Not in labor force	13,104	13,021	45,384	44,652	5,485	5,542	33,523	32,745	7,619	7,480	11,861	11,907
<b>White</b>												
Civilian noninstitutional population	20,414	20,563	112,806	114,909	6,008	6,172	83,487	84,824	14,406	14,392	29,319	30,085
Civilian labor force	11,358	11,587	70,581	73,417	3,311	3,359	52,673	54,793	8,047	8,229	17,908	18,624
Percent of population	55.6	56.3	62.6	63.9	55.1	54.4	63.1	64.6	55.9	57.2	61.1	61.9
Employed	10,394	10,778	65,024	68,209	2,925	2,992	48,506	50,823	7,470	7,786	16,518	17,385
Unemployed	964	809	5,557	5,209	386	367	4,167	3,970	578	443	1,390	1,239
Unemployment rate	8.5	7.0	7.9	7.1	11.7	10.9	7.9	7.2	7.2	5.4	7.8	6.7
Not in labor force	9,056	8,976	42,224	41,492	2,697	2,813	30,814	30,031	6,359	6,163	11,411	11,461
<b>Black and other</b>												
Civilian noninstitutional population	8,521	8,623	9,131	9,692	5,733	5,690	7,917	8,398	2,789	2,934	1,214	1,295
Civilian labor force	4,473	4,578	5,972	6,532	2,945	2,961	5,208	5,684	1,528	1,617	763	1,848
Percent of population	52.5	53.1	65.4	67.4	51.4	52.0	65.8	67.7	54.8	55.1	62.9	65.5
Employed	3,737	3,788	5,225	5,685	2,442	2,397	4,592	4,970	1,295	1,391	633	715
Unemployed	736	790	747	847	503	564	616	713	233	225	131	133
Unemployment rate	16.5	17.3	12.5	13.0	17.1	19.1	11.8	12.6	15.3	13.9	17.1	15.7
Not in labor force	4,049	4,045	3,159	3,160	2,788	2,729	2,709	2,714	1,261	1,317	450	446

## A-63. Unemployment rates for selected labor force groups in poverty and nonpoverty areas by sex, age, and race

Sex, age, and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976	II 1975	II 1976
<b>Total</b>												
Both sexes, 16 years and over	10.7	9.9	8.2	7.6	14.2	14.7	8.3	7.7	8.5	6.8	8.1	7.0
Males, 20 years and over	8.8	7.1	6.6	5.5	12.7	12.3	6.7	5.7	6.5	4.0	6.3	4.7
Females, 20 years and over	9.2	8.1	7.8	7.0	10.3	10.1	7.7	7.0	8.4	6.7	8.3	7.0
Both sexes, 16-19 years	27.4	28.6	19.3	20.1	39.0	40.8	19.7	20.8	20.2	20.8	17.9	18.0
<b>White</b>												
Both sexes, 16 years and over	8.5	7.0	7.9	7.1	11.7	10.9	7.9	7.2	7.2	5.4	7.8	6.7
Males, 20 years and over	7.0	5.2	6.3	5.1	10.5	9.6	6.4	5.3	5.5	3.5	6.1	4.6
Females, 20 years and over	7.9	6.3	7.5	6.6	9.1	8.8	7.3	6.6	7.3	5.2	7.9	6.5
Both sexes, 16-19 years	20.2	18.1	18.2	18.6	29.0	24.4	18.8	19.2	16.7	15.6	16.6	17.0
<b>Black and other</b>												
Both sexes, 16 years and over	16.5	17.3	12.5	13.0	17.1	19.1	11.8	12.6	15.3	13.9	17.1	15.7
Males, 20 years and over	14.4	12.6	10.3	9.7	15.5	15.8	10.1	9.9	12.2	6.8	11.5	8.7
Females, 20 years and over	11.9	12.0	11.0	10.9	11.4	11.4	10.3	10.1	13.0	13.2	15.6	16.6
Both sexes, 16-19 years	42.7	52.9	35.1	41.6	49.0	57.5	32.6	41.9	33.4	44.6	46.5	40.1

**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**

**B-1. Employees on nonagricultural payrolls, by industry division 1919 to date**

(In thousands)

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,056	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,131	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,951	23,693	606	3,306	19,781	44,258	4,311	14,099	3,611	10,488	3,381	10,622	11,845	2,737	9,109
1969.....	70,442	24,311	619	3,525	20,167	46,130	4,435	14,704	3,733	10,971	3,562	11,228	12,202	2,758	9,444
1970.....	70,920	23,507	623	3,536	19,349	47,412	4,504	15,040	3,816	11,225	3,687	11,621	12,561	2,731	9,830
1971.....	71,222	22,820	609	3,639	18,572	48,401	4,457	15,352	3,823	11,529	3,802	11,903	12,887	2,696	10,192
1972.....	73,714	23,546	625	3,831	19,090	50,167	4,517	15,975	3,943	12,032	3,943	12,392	13,340	2,684	10,656
1973.....	76,896	24,727	644	4,015	20,068	52,169	4,644	16,674	4,107	12,568	4,091	13,021	13,739	2,663	11,075
1974.....	78,413	24,697	694	3,957	20,046	53,715	4,696	17,017	4,223	12,794	4,208	13,617	14,177	2,724	11,453
1975.....	76,985	22,549	745	3,457	18,347	54,436	4,498	16,947	4,177	12,771	4,223	13,995	14,773	2,748	12,025
June.....	77,183	22,566	756	3,555	18,255	54,617	4,523	16,971	4,178	12,793	4,248	14,079	14,796	2,771	12,025
July.....	76,439	22,370	758	3,605	18,007	54,069	4,504	16,936	4,190	12,746	4,266	14,144	14,219	2,800	11,419
Aug.....	76,900	22,901	763	3,688	18,450	53,999	4,493	16,959	4,192	12,767	4,273	14,162	14,112	2,775	11,337
Sept.....	77,614	23,111	758	3,659	18,694	54,503	4,503	17,084	4,194	12,890	4,243	14,113	14,560	2,746	11,814
Oct.....	78,193	23,070	763	3,620	18,687	55,123	4,503	17,136	4,209	12,927	4,238	14,185	15,061	2,742	12,319
Nov.....	78,339	22,920	763	3,522	18,635	55,419	4,509	17,313	4,207	13,106	4,235	14,174	15,188	2,742	12,446
Dec.....	78,527	22,685	763	3,338	18,584	55,842	4,477	17,737	4,215	13,522	4,243	14,158	15,227	2,771	12,456
1976:															
Jan.....	77,091	22,312	756	3,061	18,495	54,779	4,440	17,026	4,189	12,837	4,223	14,049	15,041	2,724	12,317
Feb.....	77,339	22,311	752	3,014	18,545	55,028	4,445	16,926	4,189	12,737	4,228	14,188	15,241	2,726	12,515
Mar.....	77,906	22,541	759	3,103	18,679	55,365	4,462	17,028	4,194	12,834	4,246	14,307	15,322	2,724	12,598
Apr.....	78,688	22,849	766	3,270	18,813	55,839	4,474	17,295	4,212	13,083	4,276	14,498	15,296	2,730	12,566
May.....	79,152	23,043	775	3,407	18,861	56,109	4,497	17,401	4,227	13,174	4,278	14,644	15,289	2,735	12,554
June.....	79,852	23,420	797	3,556	19,067	56,432	4,560	17,546	4,285	13,261	4,344	14,800	15,182	2,750	12,432

p = preliminary.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	April 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>	May 1975	June 1975	April 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>
-	<b>TOTAL</b> .....	76,689	77,183	78,688	79,152	79,852	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	61,750	62,387	63,392	63,863	64,670	50,601	51,207	52,102	52,535	53,261
-	<b>MINING</b> .....	740	756	766	775	797	562	575	581	586	607
10	<b>METAL MINING</b> .....	91.9	93.0	90.2	91.7	-	71.8	72.5	69.5	70.4	-
101	Iron ores .....	25.6	25.9	24.9	25.8	-	20.8	21.0	20.1	20.8	-
102	Copper ores .....	36.4	36.7	34.2	34.8	-	27.8	27.9	25.9	26.4	-
11,12	<b>COAL MINING</b> .....	200.6	205.4	214.3	216.1	-	171.2	175.2	183.5	185.0	-
12	Bituminous coal and lignite mining .....	196.8	201.4	210.5	212.2	-	167.8	171.7	180.2	181.6	-
13	<b>OIL AND GAS EXTRACTION</b> .....	329.1	337.9	347.3	350.3	-	225.5	232.1	237.1	238.8	-
131,2	Crude petroleum and natural gas fields .....	157.3	161.9	161.0	162.6	-	81.0	84.0	81.5	82.4	-
138	Oil and gas field services .....	171.8	176.0	186.3	187.7	-	144.5	148.1	155.6	156.4	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	118.4	119.5	114.5	116.7	-	93.9	94.9	90.5	92.2	-
142	Crushed and broken stone .....	42.0	42.4	39.8	41.0	-	34.0	34.4	32.5	33.5	-
144	Sand and gravel .....	36.2	36.6	34.0	35.6	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,439	3,555	3,270	3,407	3,556	2,747	2,858	2,567	2,701	2,831
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,034.7	1,067.7	976.0	1,010.9	-	814.7	846.7	753.1	787.6	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	718.3	762.3	640.8	707.4	-	597.2	640.0	519.2	584.0	-
161	Highway and street construction .....	318.3	347.5	265.2	314.9	-	275.1	303.6	221.5	269.6	-
162	Heavy construction, nec .....	400.0	414.8	375.6	392.5	-	322.1	336.4	297.7	314.4	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,685.5	1,724.7	1,652.7	1,688.9	-	1,335.4	1,371.6	1,294.4	1,329.2	-
171	Plumbing, heating, air conditioning .....	401.6	412.0	390.8	396.2	-	302.2	312.1	291.1	298.1	-
172	Painting, paper hanging, decorating .....	126.1	131.6	115.0	122.0	-	107.5	113.0	97.8	103.6	-
173	Electrical work .....	310.8	314.9	302.7	305.2	-	242.2	245.6	235.0	237.7	-
174	Masonry, stonework, and plastering .....	190.0	190.6	180.4	181.2	-	164.6	164.9	155.0	156.0	-
178	Roofing and sheet metal work .....	117.2	119.6	117.0	118.2	-	94.1	96.0	93.0	94.3	-
-	<b>MANUFACTURING</b> .....	18,071	18,255	18,813	18,861	19,067	12,807	12,981	13,529	13,563	13,729
19,24,25,32-39	<b>DURABLE GOODS</b> .....	10,581	10,635	10,945	11,026	11,150	7,447	7,500	7,814	7,884	7,986
20-23,26-31	<b>NONDURABLE GOODS</b> .....	7,490	7,620	7,868	7,835	7,917	5,360	5,481	5,715	5,679	5,743
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	173.4	172.7	159.3	157.4	156.7	82.0	81.2	72.4	71.1	70.5
192	Ammunition, except for small arms .....	116.9	116.2	103.7	102.1	101.5	45.0	44.3	36.8	35.8	35.3
1925	Complete guided missiles .....	90.9	91.1	85.9	84.7	-	25.3	25.4	24.1	23.3	-
1929	Ammunition, exc. for small arms, nec .....	26.0	25.1	17.8	17.4	-	19.7	18.9	12.7	12.5	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	545.9	571.4	587.5	597.8	620.8	454.6	477.2	490.9	500.5	522.0
241	Logging camps and logging contractors .....	66.4	75.5	70.1	71.8	78.7	-	-	-	-	-
242	Sawmills and planing mills .....	195.5	202.4	204.0	206.5	211.3	172.0	178.8	180.6	182.8	187.2
2421	Sawmills and planing mills, general .....	168.5	174.3	173.4	175.4	-	148.4	154.3	153.4	155.1	-
243	Millwork, plywood and related products .....	175.5	182.8	196.1	200.7	207.6	141.3	148.8	162.6	166.4	172.6
2431	Millwork .....	74.2	78.5	88.7	90.4	-	59.1	63.3	72.9	74.2	-
2432	Veneer and plywood .....	67.7	69.6	72.4	73.4	-	58.9	60.9	64.7	65.5	-
244	Wooden containers .....	21.4	21.9	21.9	22.6	23.0	18.8	19.4	19.0	19.9	20.2
2441,2	Wooden boxes, shooks, and crates .....	17.3	17.5	17.6	18.3	-	15.4	15.6	15.3	16.1	-
249	Miscellaneous wood products .....	87.1	88.8	95.4	96.2	(*)	69.8	71.1	76.6	77.5	(*)

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry—Continued**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
25	<b>FURNITURE AND FIXTURES</b> .....	435.0	439.6	487.4	490.6	492.2	349.7	354.2	399.4	402.6	407.4
251	Household furniture .....	309.1	313.8	353.4	355.5	357.9	257.0	261.4	298.7	300.9	303.8
2511	Wood household furniture .....	157.4	159.7	179.5	181.9	—	136.7	138.8	156.8	159.4	—
2512	Upholstered household furniture .....	88.6	90.8	103.1	102.1	—	72.2	74.3	85.8	84.7	—
2515	Mattresses and bedsprings .....	31.9	32.4	33.4	33.6	—	23.8	24.2	25.4	25.7	—
252	Office furniture .....	34.0	34.1	37.1	37.2	—	25.6	25.7	29.1	29.2	—
254	Partitions and fixtures .....	47.1	47.7	51.5	51.9	—	34.4	35.0	38.3	38.5	—
253,9	Other furniture and fixtures .....	44.8	44.0	45.4	46.0	(*)	32.7	32.1	33.3	34.0	(*)
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....											
32	Flat glass .....	610.9	618.5	618.3	627.6	641.8	480.4	488.8	491.6	500.8	512.5
321	Glass and glassware, pressed or blown .....	15.2	15.3	16.2	16.5	—	10.6	10.8	12.9	13.3	—
322	Glass containers .....	122.5	125.4	129.5	132.1	135.6	104.4	107.0	111.6	114.3	117.0
3221	Pressed and blown glass, nec .....	71.0	73.2	75.5	77.3	—	62.3	64.1	66.4	68.2	—
3229	Cement, hydraulic .....	51.5	52.2	54.0	54.8	—	42.1	42.9	45.2	46.1	—
324	Structural clay products .....	30.2	30.4	29.7	29.9	30.7	23.8	24.0	23.5	23.7	24.4
325	Brick and structural clay tile .....	47.9	48.8	46.5	47.8	49.7	38.4	39.5	37.3	38.5	39.9
3251	Pottery and related products .....	20.2	20.8	21.0	21.4	—	16.9	17.5	17.5	18.0	—
326	Concrete, gypsum, and plaster products .....	42.3	41.6	44.2	44.1	—	35.0	34.5	37.4	37.4	—
327	Other stone and nonmetallic mineral products .....	191.2	195.1	186.0	190.4	194.0	148.3	151.8	143.8	147.7	150.9
328,9	Abrasive products .....	129.0	128.9	131.0	131.2	134.3	95.6	96.6	98.6	99.0	101.5
3291	Other stone and nonmetallic mineral products .....	23.4	22.8	23.9	24.1	—	16.0	15.6	17.0	17.1	—
<b>PRIMARY METAL INDUSTRIES</b> .....											
33	Blast furnace and basic steel products .....	1,174.9	1,166.2	1,184.3	1,192.9	1,212.7	912.8	905.0	930.4	937.2	954.7
331	Blast furnaces and steel mills .....	545.7	539.2	541.9	546.2	(*)	423.6	418.4	424.6	427.7	(*)
3312	Iron and steel foundries .....	471.3	464.7	469.8	474.3	—	367.6	362.3	369.9	373.2	—
332	Gray iron foundries .....	223.7	222.6	215.5	215.6	217.8	183.9	182.7	177.3	177.4	179.6
3321	Malleable iron foundries .....	136.6	135.8	135.9	137.0	—	114.3	113.4	114.0	114.6	—
3322	Steel foundries .....	22.0	22.0	21.4	21.0	—	17.2	17.2	17.2	17.2	—
3323	Nonferrous metals .....	65.1	64.8	58.2	57.6	—	52.4	52.1	46.1	45.6	—
333,4	Primary aluminum .....	81.7	80.5	83.3	84.2	86.1	61.5	60.4	63.3	64.3	65.8
3334	Nonferrous rolling and drawing .....	28.8	28.1	32.0	32.4	—	22.7	22.1	25.7	26.1	—
335	Copper rolling and drawing .....	177.8	179.4	192.8	195.4	199.1	127.0	128.3	143.2	145.1	148.1
3351	Aluminum rolling and drawing .....	32.2	32.6	35.3	35.8	—	23.4	23.9	27.1	27.4	—
3352	Nonferrous wire drawing and insulating .....	52.5	53.3	59.0	60.3	—	35.6	36.1	42.4	43.6	—
3357	Aluminum castings .....	75.4	75.8	79.3	79.6	—	55.8	56.0	59.7	59.8	—
336	Other nonferrous castings .....	73.4	72.8	78.1	78.7	80.0	59.6	59.1	64.5	65.0	66.1
3361	Miscellaneous primary metal products .....	39.2	38.6	43.5	44.3	—	32.1	31.5	36.5	37.2	—
3362,9	Iron and steel forgings .....	34.2	34.2	34.6	34.4	—	27.5	27.6	28.0	27.8	—
339	Miscellaneous primary metal products .....	72.6	71.7	72.7	72.8	73.2	57.2	56.1	57.5	57.7	58.1
3391	Iron and steel forgings .....	49.0	48.0	47.6	47.4	—	39.1	38.1	37.7	37.7	—
<b>FABRICATED METAL PRODUCTS</b> .....											
34	Metal cans .....	1,318.2	1,328.5	1,377.6	1,383.8	1,394.8	979.9	989.9	1,038.9	1,044.1	1,052.5
341	Cutlery, hand tools, and hardware .....	63.1	64.4	63.8	64.0	65.2	54.3	55.5	55.2	55.4	56.6
342	Cutlery and hand tools, including saws .....	152.1	150.4	165.8	165.9	167.8	114.7	113.7	128.1	128.4	129.3
3421,3,5	Hardware, nec .....	66.8	65.4	70.0	70.2	—	50.3	49.1	53.6	53.6	—
3429	Plumbing and heating, except electric .....	85.3	85.0	95.8	95.7	—	64.4	64.6	74.5	74.8	—
343	Sanitary ware and plumbers' brass goods .....	62.3	62.9	68.8	69.1	69.2	44.1	44.9	50.6	50.8	50.9
3431,2	Heating equipment, except electric .....	27.7	27.9	31.9	32.0	—	20.5	20.8	24.3	24.3	—
3433	Fabricated structural metal products .....	34.6	35.0	36.9	37.1	—	23.6	24.1	26.3	26.5	—
344	Fabricated structural steel .....	446.6	454.1	443.1	444.1	(*)	309.3	315.6	306.4	306.9	(*)
3441	Metal doors, sash, and trim .....	106.4	106.5	98.3	96.6	—	76.6	76.6	69.3	67.7	—
3442	Fabricated plate work (boiler shops) .....	63.4	67.7	67.8	70.1	—	44.5	48.5	50.0	51.7	—
3443	Sheet metal work .....	141.6	141.7	138.6	137.7	—	94.3	94.5	90.0	89.4	—
3444	Architectural and miscellaneous metal work .....	81.8	83.8	83.7	84.3	—	58.4	59.8	59.9	60.3	—
3446,9	Screw machine products, bolts, etc .....	53.4	54.4	54.7	55.4	—	35.5	36.2	37.2	37.8	—
345	Screw machine products .....	92.9	92.0	96.8	97.5	99.1	71.7	70.9	74.9	75.5	76.8
3451	Bolts, nuts, rivets, and washers .....	42.2	42.0	44.6	45.1	—	34.3	34.1	36.4	36.9	—
3452	Metal stampings .....	50.7	50.0	52.2	52.4	—	37.4	36.8	38.5	38.6	—
346	Metal services, nec .....	205.4	206.9	227.5	229.8	229.1	163.3	165.1	185.6	187.4	186.8
347	Miscellaneous fabricated wire products .....	80.2	81.6	89.4	90.6	91.6	64.5	65.7	72.8	74.2	74.8
348	Miscellaneous fabricated metal products .....	56.1	56.6	60.0	59.4	59.5	43.1	43.6	47.7	47.2	47.0
349	Valves, pipe, and pipe fittings .....	159.5	159.6	162.4	163.4	165.5	114.9	114.9	117.6	118.3	120.0
3494,8	Valves, pipe, and pipe fittings .....	107.5	107.2	107.3	107.7	—	74.1	73.6	73.6	73.9	—

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2,064.0	2,051.4	2,057.9	2,063.0	2,072.9	1,339.0	1,328.5	1,333.8	1,336.0	1,339.6
351	Engines and turbines	108.9	108.4	113.0	112.1	108.1	68.9	68.7	73.5	72.8	68.8
3511	Steam engines and turbines	42.9	42.9	43.1	43.0	—	22.6	22.7	22.9	23.0	—
3519	Internal combustion engines, nec.	66.0	65.5	69.9	69.1	—	46.3	46.0	50.6	49.8	—
352	Farm machinery	153.1	149.0	150.4	149.8	—	110.1	106.0	106.8	106.1	—
353	Construction and related machinery	343.5	343.9	337.6	336.1	339.1	224.8	225.8	218.9	216.5	218.8
3531,2	Construction and mining machinery	188.6	187.8	120.5	180.3	—	124.7	124.1	116.6	116.4	—
3533	Oil field machinery	64.6	65.7	69.5	68.3	—	46.0	47.4	49.4	47.5	—
3535,6	Conveyors, hoists, cranes, monorails	45.2	45.2	46.1	46.1	—	27.3	27.3	28.0	28.0	—
3537	Industrial trucks and tractors	30.9	30.9	29.0	29.2	—	19.6	19.7	18.4	18.4	—
354	Metal working machinery	306.8	305.0	305.4	305.8	305.0	222.5	220.8	221.8	222.6	221.1
3541	Machine tools, metal cutting types	65.0	63.3	58.4	58.6	—	43.2	41.8	37.6	37.9	—
3544	Special dies, tools, jigs, and fixtures	114.3	113.7	119.7	120.9	—	91.1	90.0	95.7	97.1	—
3545	Machine tool accessories	55.7	54.7	53.5	53.5	—	40.4	39.2	38.0	38.1	—
3542,8	Miscellaneous metal working machinery	71.8	73.3	73.8	72.8	—	47.8	49.8	50.5	49.5	—
355	Special industry machinery	183.0	182.0	175.5	175.8	176.5	115.5	115.3	112.3	112.2	112.4
3551	Food products machinery	42.2	41.8	40.7	41.0	—	27.4	27.2	26.5	26.6	—
3552	Textile machinery	30.8	30.5	31.1	31.2	—	21.2	21.4	22.3	22.4	—
3555	Printing trades machinery	26.6	26.4	25.1	25.0	—	16.1	15.7	15.2	15.1	—
356	General industrial machinery	290.5	290.7	279.9	283.5	283.8	191.0	190.6	182.9	185.8	185.4
3561	Pumps and compressors	82.2	82.8	81.3	81.2	—	49.4	49.8	48.6	48.9	—
3562	Ball and roller bearings	53.8	53.7	49.9	53.7	—	40.7	40.6	37.9	40.7	—
3564	Blowers and fans	36.0	35.6	33.1	33.8	—	22.8	22.5	20.7	21.4	—
3566	Power transmission equipment	50.0	49.8	48.0	46.3	—	35.8	35.5	34.1	32.7	—
357	Office and computing machines	283.9	282.4	284.7	286.8	294.2	116.9	115.2	113.5	114.3	119.1
3573	Electronic computing equipment	212.6	212.1	213.6	215.1	—	72.7	72.2	71.1	71.7	—
358	Service industry machines	145.3	143.2	162.3	162.5	163.3	97.8	96.2	113.2	113.5	113.6
3585	Refrigeration machinery	99.1	97.1	113.9	113.6	—	67.7	66.2	81.3	81.2	—
359	Miscellaneous machinery, except electrical	249.0	246.8	249.1	250.6	254.0	191.5	189.9	190.9	192.2	195.0
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	1,724.6	1,731.1	1,813.8	1,822.2	1,847.0	1,104.2	1,112.4	1,196.8	1,205.2	1,225.4
361	Electric test and distributing equipment	189.6	188.1	192.7	193.7	197.0	124.8	123.7	128.6	128.7	131.0
3611	Electric measuring instruments	68.9	68.6	69.5	69.9	—	41.8	41.4	41.4	40.8	—
3612	Transformers	49.7	48.3	49.8	50.5	—	34.9	33.7	35.7	36.3	—
3613	Switchgear and switchboard apparatus	71.0	71.2	73.4	73.3	—	48.1	48.6	51.5	51.6	—
362	Electrical industrial apparatus	197.8	198.8	209.5	212.4	217.0	135.7	136.7	148.9	151.7	156.1
3621	Motors and generators	96.6	98.1	104.5	106.4	—	69.5	71.0	78.3	80.2	—
3622	Industrial controls	63.0	62.5	65.3	65.8	—	39.9	39.4	42.5	43.0	—
363	Household appliances	147.0	152.3	167.5	166.9	170.1	109.4	115.0	130.8	130.2	133.2
3632	Household refrigerators and freezers	34.9	37.2	38.5	37.9	—	26.2	28.6	29.9	29.3	—
3633	Household laundry equipment	21.9	22.1	25.8	24.4	—	16.5	16.7	20.2	19.1	—
3634	Electric housewares and fans	42.9	44.0	47.5	48.4	—	32.3	33.5	37.4	38.1	—
364	Electric lighting and wiring equipment	176.5	177.9	193.9	195.3	196.0	132.7	134.2	149.1	150.5	151.3
3641	Electric lamps	34.6	34.3	36.7	36.8	—	30.6	30.4	32.7	32.7	—
3642	Lighting fixtures	57.2	57.5	64.1	64.1	—	42.9	43.3	49.4	49.4	—
3643,4	Wiring devices	84.7	86.1	93.1	94.4	—	59.2	60.5	67.0	68.4	—
365	Radio and TV receiving equipment	118.1	117.1	126.1	128.8	129.1	84.1	83.7	90.6	93.4	93.6
366	Communication equipment	433.1	430.2	420.1	417.8	419.5	216.4	213.9	207.9	206.7	207.9
3661	Telephone and telegraph apparatus	146.7	143.2	132.4	130.9	—	93.8	90.8	84.6	84.3	—
3662	Radio and TV communication equipment	286.4	287.0	287.7	286.9	—	122.6	123.1	123.3	122.4	—
367	Electronic components and accessories	338.1	340.6	364.8	366.8	376.0	206.5	209.1	233.9	236.0	243.4
3671,3	Electron tubes	43.9	44.2	42.0	42.1	—	28.5	28.6	27.5	27.5	—
3674,9	Other electronic components	294.2	296.4	322.8	324.7	—	178.0	180.5	206.4	208.5	—
369	Miscellaneous electrical equipment and supplies	124.4	126.1	139.2	140.5	142.3	94.6	96.1	107.0	108.0	108.9
3694	Engine electrical equipment	64.8	65.5	71.6	72.3	—	50.8	51.5	56.3	57.0	—
37	<b>TRANSPORTATION EQUIPMENT</b>	1,658.8	1,670.2	1,735.3	1,755.0	1,763.0	1,158.9	1,168.4	1,233.2	1,249.9	1,255.2
371	Motor vehicles and equipment	763.9	774.4	848.5	861.2	(*)	585.8	593.9	662.0	672.8	(*)
3711	Motor vehicles	319.8	321.3	354.1	357.5	—	235.0	235.4	264.7	266.7	—
3712	Passenger car bodies	42.8	43.1	46.6	48.5	—	34.0	34.0	36.5	38.2	—
3713	Truck and bus bodies	38.8	39.1	38.5	39.3	—	29.9	30.3	29.3	30.0	—
3714	Motor vehicle parts and accessories	344.0	353.5	388.5	394.8	—	274.0	281.9	316.4	322.2	—
3715	Truck trailers	18.5	17.4	20.8	21.1	—	12.9	12.3	15.1	15.7	—
372	Aircraft and parts	524.5	519.6	486.6	485.6	484.9	282.2	277.9	252.8	251.8	251.5
3721	Aircraft	280.7	278.3	261.7	261.6	—	138.2	136.1	125.3	125.3	—
3722	Aircraft engines and engine parts	142.4	140.6	132.9	132.1	—	78.9	77.3	72.0	71.3	—
3723,9	Other aircraft parts and equipment	101.4	100.7	92.0	91.9	—	65.1	64.5	55.5	55.2	—
373	Ship and boat building and repairing	197.8	199.0	212.9	215.9	217.4	157.3	158.5	170.1	173.2	173.3
3731	Ship building and repairing	155.9	157.4	165.5	168.3	—	123.4	124.9	130.8	133.8	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry—Continued**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
	<b>TRANSPORTATION EQUIPMENT—Continued</b>										
3732	Boat building and repairing .....	41.9	41.6	47.4	47.6	—	33.9	33.6	39.3	39.4	—
374	Railroad equipment .....	52.6	52.5	43.4	42.3	—	39.5	39.2	31.8	30.6	—
375,9	Other transportation equipment .....	120.0	124.7	143.9	150.0	—	94.1	98.9	116.5	121.5	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	479.6	483.7	505.6	510.2	517.4	285.6	288.3	307.3	311.1	315.1
381	Engineering and scientific instruments .....	60.8	60.9	58.8	59.0	—	30.7	30.5	28.7	28.9	—
382	Mechanical measuring and control devices .....	106.0	106.1	117.3	117.9	119.1	64.6	64.8	74.8	75.4	76.6
3821	Mechanical measuring devices .....	74.4	74.0	76.2	76.1	—	43.8	43.5	45.3	45.3	—
3822	Automatic temperature controls .....	31.6	32.1	41.1	41.8	—	20.8	21.3	29.5	30.1	—
383,5	Optical and ophthalmic goods .....	58.5	59.2	63.1	63.9	64.8	39.4	39.9	42.7	43.7	43.9
385	Ophthalmic goods .....	37.8	38.5	41.4	42.0	—	27.3	27.9	30.3	30.9	—
384	Medical instruments and supplies .....	101.5	102.2	107.9	108.9	110.2	66.8	67.4	72.7	73.4	73.9
386	Photographic equipment and supplies .....	123.6	125.8	127.9	129.3	(*)	60.8	62.1	64.1	64.7	(*)
387	Watches, clocks, and watchcases .....	29.2	29.5	30.6	31.2	—	23.3	23.6	24.3	25.0	—
	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	395.3	402.0	417.7	425.7	430.9	299.6	305.9	319.0	325.7	331.0
391	Jewelry, silverware, and plated ware .....	48.5	48.5	53.9	54.5	54.9	35.0	35.2	39.9	40.4	40.6
394	Toys and sporting goods .....	113.4	116.1	115.0	121.4	—	87.8	90.0	87.8	93.5	—
3941,3	Games, toys, dolls, and play vehicles .....	61.6	65.3	58.6	64.6	—	46.5	49.7	42.3	47.7	—
3949	Sporting and athletic goods, nec .....	51.8	50.8	56.4	56.8	—	41.3	40.3	45.5	45.8	—
395	Pens, pencils, office, and art supplies .....	33.9	34.8	35.0	34.7	—	24.1	25.0	24.7	24.3	—
396	Costume jewelry and notions .....	49.4	51.0	54.8	55.6	—	39.5	41.1	44.6	45.5	—
393,9	Other manufacturing industries .....	150.1	151.6	159.0	159.5	161.6	113.2	114.6	122.0	122.0	124.3
393	Musical instruments and parts .....	23.0	23.2	25.0	25.1	—	18.7	18.9	20.7	20.8	—
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,611.5	1,663.0	1,630.2	1,650.6	1,692.5	1,073.0	1,119.2	1,090.4	1,107.8	1,139.9
201	Meat products .....	331.5	337.7	342.0	344.6	352.3	270.5	276.4	279.1	282.0	288.4
2011	Meat packing plants .....	165.2	166.1	167.2	166.7	—	132.9	133.4	134.1	133.7	—
2013	Sausages and other prepared meats .....	64.4	65.0	65.9	65.4	—	44.8	45.5	46.4	46.0	—
2015	Poultry dressing plants .....	101.9	106.6	108.9	112.5	—	92.8	97.5	98.6	102.3	—
202	Dairy products .....	199.1	202.8	193.3	195.0	199.0	102.1	105.7	100.9	102.0	105.3
2024	Ice cream and frozen desserts .....	23.9	25.5	23.4	24.2	—	13.0	14.4	12.9	13.3	—
2026	Fluid milk .....	129.3	130.3	123.9	124.5	—	54.8	56.0	53.7	54.0	—
203	Canned, cured, and frozen foods .....	253.4	273.3	259.1	265.7	—	205.2	224.4	210.6	216.4	—
2031,6	Canned, cured, and frozen sea foods .....	41.0	45.3	43.6	44.8	—	34.5	38.7	37.4	38.9	—
2032,3	Canned food, except sea foods .....	109.2	117.6	108.2	110.8	—	84.6	92.8	83.3	85.9	—
2037	Frozen fruits and vegetables .....	65.2	64.8	65.8	66.2	—	57.2	56.6	57.6	57.8	—
204	Grain mill products .....	135.7	138.1	139.6	142.0	(*)	93.9	97.0	97.0	99.6	(*)
2041	Flour and other grain mill products .....	26.0	25.7	26.1	25.6	—	18.4	18.5	18.4	18.2	—
2042	Prepared feeds for animals and fowls .....	70.1	71.9	72.2	74.3	—	45.7	47.7	47.5	49.5	—
205	Bakery products .....	233.5	237.7	238.0	240.2	242.5	132.3	136.0	135.7	137.5	139.0
2051	Bread, cake, and related products .....	195.0	197.7	197.8	199.9	—	102.5	104.9	104.2	105.9	—
2052	Cookies and crackers .....	38.5	40.0	40.2	40.3	—	29.8	31.1	31.5	31.6	—
206	Sugar .....	30.4	30.6	30.3	30.6	—	22.5	22.5	21.7	22.0	—
207	Confectionery and related products .....	68.2	70.4	74.5	73.6	74.8	51.1	53.3	56.7	55.7	57.0
2071	Confectionery products .....	49.6	51.9	54.9	54.4	—	37.8	40.0	42.7	42.3	—
208	Beverages .....	218.6	228.7	210.6	214.9	(*)	105.5	111.7	96.4	99.4	(*)
2082	Malt liquors .....	51.5	53.1	39.3	40.0	—	34.4	35.7	25.4	26.2	—
2086	Bottled and canned soft drinks .....	122.3	129.8	128.8	131.7	—	44.8	48.8	47.0	48.4	—
209	Miscellaneous foods and kindred products .....	141.1	143.7	142.8	144.0	(*)	89.9	92.2	92.3	93.2	(*)
21	<b>TOBACCO MANUFACTURES</b> .....	67.8	68.3	68.9	67.7	66.4	54.8	55.3	55.9	55.0	53.5
211	Cigarettes .....	44.2	44.6	46.3	45.9	—	35.8	36.1	37.9	37.6	—
212	Cigars .....	11.8	11.5	10.8	10.4	—	10.4	10.2	9.5	9.1	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	884.4	902.6	969.8	971.7	976.8	765.6	783.2	847.6	849.2	854.3
221	Weaving mills, cotton .....	161.5	161.8	174.0	174.0	(*)	145.3	145.6	158.4	158.3	(*)
222	Weaving mills, synthetics .....	110.5	112.7	121.5	122.5	123.9	98.2	100.2	108.6	109.5	110.9
223	Weaving and finishing mills, wool .....	20.1	20.5	22.6	22.9	23.1	16.4	16.8	18.9	19.1	19.3
224	Narrow fabric mills .....	22.1	22.4	27.4	27.4	27.8	18.9	19.3	23.8	23.9	24.3
225	Knitting mills .....	240.3	246.4	260.4	262.5	265.4	206.2	211.9	224.2	226.2	228.7
2251	Women's hosiery, except socks .....	37.5	38.2	37.7	37.9	—	33.0	33.6	33.2	33.4	—
2252	Hosiery, nec .....	31.0	31.2	35.1	35.4	—	27.5	27.6	31.4	31.6	—
2253	Knit outerwear mills .....	69.9	72.6	76.1	77.5	—	58.9	61.6	64.7	65.9	—
2254	Knit underwear mills .....	35.4	35.9	39.4	40.0	—	30.8	31.3	34.2	34.9	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry—Continued**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	April 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>	May 1975	June 1975	April 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
226	Textile finishing, except wool .....	75.8	77.6	83.1	83.0	(*)	63.6	65.2	70.7	70.6	(*)
227	Floor covering mills .....	56.2	57.0	60.2	59.7	—	44.3	45.1	47.5	46.9	—
228	Yarn and thread mills .....	136.2	141.1	153.7	155.0	(*)	123.1	127.9	140.7	141.9	(*)
229	Miscellaneous textile goods .....	61.7	63.1	66.9	64.7	(*)	49.6	51.2	54.8	52.8	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	1,208.7	1,229.3	1,316.7	1,317.5	1,325.9	1,037.0	1,056.9	1,134.9	1,135.6	1,143.0
231	Men's and boys' suits and coats .....	86.3	86.7	87.4	89.9	91.7	75.3	75.5	76.7	79.2	80.3
232	Men's and boys' furnishings .....	345.7	352.9	384.6	387.7	392.8	296.0	302.7	330.8	334.1	338.8
2321	Men's and boys' shirts and nightwear .....	108.8	110.6	119.5	120.6	—	94.7	96.6	104.5	105.5	—
2327	Men's and boys' separate trousers .....	77.9	79.5	87.5	87.2	—	67.8	69.5	76.7	76.5	—
2328	Men's and boys' work clothing .....	83.9	86.5	93.1	94.2	—	69.4	71.6	77.1	78.1	—
233	Women's and misses' outerwear .....	376.8	379.6	402.8	395.2	391.8	328.4	332.2	353.5	345.8	343.4
2331	Women's and misses' blouses and waists .....	48.1	49.0	51.0	50.3	—	42.3	43.1	45.1	44.3	—
2335	Women's and misses' dresses .....	168.7	166.0	180.2	172.3	—	151.2	148.8	161.3	153.8	—
2337	Women's and misses' suits and coats .....	54.1	58.5	53.2	56.0	—	44.6	49.3	44.7	47.3	—
2339	Women's and misses' outerwear, nec .....	105.9	106.1	118.4	116.6	—	90.3	91.0	102.4	100.4	—
234	Women's and children's undergarments .....	93.6	95.7	102.0	101.9	103.0	79.9	81.7	86.8	86.9	87.6
2341	Women's and children's underwear .....	70.9	72.9	77.0	76.9	—	61.6	63.3	66.8	66.9	—
2342	Corsets and allied garments .....	22.7	22.8	25.0	25.0	—	18.3	18.4	20.0	20.0	—
235	Hats, caps, and millinery .....	15.5	15.3	15.8	15.8	—	13.8	13.5	13.6	13.7	—
236	Children's outerwear .....	69.3	73.0	77.9	79.6	81.1	59.8	63.0	67.0	68.9	70.2
2361	Children's dresses and blouses .....	27.7	28.9	31.6	32.0	—	24.8	26.1	28.5	28.8	—
237,8	Fur goods and miscellaneous apparel .....	61.7	62.6	67.8	67.9	—	52.7	53.6	58.7	58.7	—
239	Miscellaneous fabricated textile products .....	159.8	163.5	178.4	179.5	180.0	131.1	134.7	147.8	148.3	148.8
2391,2	Housefurnishings .....	65.1	67.7	75.5	75.8	—	54.1	56.5	63.5	63.4	—
26	<b>PAPER AND ALLIED PRODUCTS</b>	625.1	634.4	669.1	673.6	675.8	467.5	476.1	507.0	510.9	515.2
261,2,6	Paper and pulp mills .....	187.8	190.8	197.1	198.8	202.4	143.0	145.7	150.6	152.0	155.9
263	Paperboard mills .....	64.0	65.2	68.7	69.3	70.1	49.9	51.1	54.9	55.3	55.9
264	Miscellaneous converted paper products .....	185.0	185.6	195.3	196.0	197.3	131.1	131.7	140.1	140.8	141.7
2643	Bags, except textile bags .....	39.4	39.6	42.7	42.6	—	30.9	31.1	34.1	34.0	—
265	Paperboard containers and boxes .....	188.3	192.8	208.0	209.5	206.0	143.5	147.6	161.4	162.8	161.7
2651,2	Folding and setup paperboard boxes .....	52.2	53.7	58.7	59.3	—	41.2	42.6	47.4	47.9	—
2653	Corrugated and solid fiber boxes .....	91.6	93.4	100.2	101.2	—	66.3	68.2	73.9	74.8	—
2654	Sanitary food containers .....	27.6	28.3	30.8	30.8	—	22.8	23.3	25.4	25.5	—
27	<b>PRINTING AND PUBLISHING</b>	1,075.9	1,074.7	1,075.1	1,076.5	1,074.9	633.7	631.9	629.7	629.7	625.4
271	Newspapers .....	378.9	379.8	378.1	380.3	383.0	168.5	168.3	166.0	166.6	167.2
272	Periodicals .....	68.8	68.8	69.4	69.4	—	18.8	18.6	18.5	18.5	—
273	Books .....	92.4	91.8	89.6	89.3	—	49.8	49.0	49.0	48.9	—
275	Commercial printing .....	357.0	354.7	359.7	358.1	(*)	269.0	267.6	270.0	268.9	(*)
2751	Commercial printing, except lithographic .....	200.5	200.6	201.6	202.1	—	153.8	153.8	153.2	154.1	—
2752	Commercial printing, lithographic .....	145.9	143.9	147.3	145.6	—	107.4	106.2	108.6	106.9	—
278	Blankbooks and bookbinding .....	48.7	49.1	49.7	50.2	50.9	40.0	40.3	40.3	40.9	41.6
274,6,7,9	Other publishing and printing ind .....	130.1	130.5	128.6	129.2	129.5	87.6	88.1	85.9	85.9	86.3
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	1,001.3	1,009.2	1,029.8	1,026.6	1,036.1	559.8	565.9	589.0	586.7	591.3
281	Industrial chemicals .....	320.5	322.4	333.4	332.3	338.6	169.0	169.0	179.1	178.3	182.1
2812	Alkalies and chlorine .....	21.5	21.6	21.5	21.4	—	15.4	15.2	15.7	15.7	—
2818	Industrial organic chemicals, nec .....	133.8	134.9	137.8	137.7	—	58.2	58.7	60.4	60.4	—
2819	Industrial inorganic chemicals, nec .....	106.1	106.4	110.2	108.0	—	59.2	58.9	62.2	60.5	—
282	Plastics materials and synthetics .....	197.2	202.0	207.5	204.9	(*)	127.0	131.8	139.5	137.1	(*)
2821	Plastics materials and resins .....	83.7	84.4	87.2	86.8	—	48.9	49.5	54.7	54.2	—
2823,4	Synthetic fibers .....	101.8	105.7	108.1	106.3	—	70.1	74.1	76.0	74.5	—
283	Drugs .....	163.9	164.4	166.5	166.7	169.5	80.8	81.3	82.9	83.1	85.4
2834	Pharmaceutical preparations .....	130.1	130.7	132.8	132.8	—	61.5	62.3	64.1	64.1	—
284	Soap, cleaners, and toilet goods .....	115.6	118.2	115.7	116.1	118.1	65.6	67.6	66.2	67.0	68.5
2841	Soap and other detergents .....	37.6	38.3	34.6	35.0	—	24.8	25.4	21.9	22.4	—
2844	Toilet preparations .....	47.0	48.6	48.3	48.2	—	25.8	27.0	27.4	27.6	—
285	Paints and allied products .....	64.4	65.6	65.8	66.6	68.1	33.9	35.1	35.3	35.8	37.1
287	Agricultural chemicals .....	57.2	55.0	60.3	59.6	(*)	35.5	33.4	38.4	37.8	(*)
2871,2	Fertilizers, complete and mixing only .....	35.4	33.2	36.9	36.4	—	24.3	22.2	26.3	25.9	—
286,9	Other chemical products .....	82.5	81.6	80.6	80.4	81.0	48.0	47.7	47.6	47.6	47.7
2892	Explosives .....	19.0	18.3	15.3	14.9	—	12.6	11.9	9.7	9.5	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	195.5	200.8	201.1	202.8	206.5	123.6	128.6	130.2	131.9	134.9
291	Petroleum refining .....	153.1	156.5	156.0	156.1	158.8	93.5	96.8	87.1	97.4	99.5
295,9	Other petroleum and coal products .....	42.4	44.3	45.1	46.7	47.7	30.1	31.8	33.1	34.5	35.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry—Continued**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC...</b>	569.2	578.4	629.4	567.8	577.8	431.9	442.0	490.5	430.1	438.4
301	Tires and inner tubes .....	116.2	116.7	118.2	58.2	59.3	83.3	84.0	85.9	27.9	28.5
302,3,6	Other rubber products .....	153.8	154.6	164.2	158.6	160.5	118.6	119.5	128.9	123.0	124.1
302	Rubber footwear .....	23.8	23.7	23.0	20.0	—	20.0	19.8	19.6	16.4	—
307	Miscellaneous plastics products .....	299.2	307.1	347.0	351.0	358.0	230.0	238.5	275.7	279.2	285.8
31	<b>LEATHER AND LEATHER PRODUCTS .....</b>	250.2	258.9	277.9	280.0	284.7	213.4	222.0	240.1	242.4	246.8
311	Leather tanning and finishing .....	22.2	23.2	25.3	25.2	(*)	19.1	19.9	21.9	21.9	(*)
314	Footwear, except rubber .....	159.5	164.7	174.7	176.9	179.0	138.3	143.5	152.9	155.5	157.4
312,3,5-7,9	Other leather products .....	68.5	71.0	77.9	77.9	80.6	56.0	58.6	65.3	65.0	67.6
316	Luggage .....	15.2	15.6	18.1	18.4	—	12.0	12.4	14.5	14.6	—
317	Handbags and personal leather goods .....	31.0	32.7	35.8	35.1	—	25.2	26.9	30.3	29.5	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES .....</b>	4,487	4,523	4,474	4,497	4,560	3,845	3,881	3,834	3,850	3,927
40	<b>RAILROAD TRANSPORTATION .....</b>	542.3	537.3	520.2	526.6	—	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	493.7	491.2	481.7	488.1	—	—	—	—	—	—
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT .....</b>	277.2	268.4	271.0	275.7	—	—	—	—	—	—
411	Local and suburban transportation .....	69.8	70.6	69.6	68.3	—	64.6	65.3	64.2	62.7	—
412	Taxicabs .....	84.4	83.3	79.3	78.6	—	—	—	—	—	—
413	Intercity highway transportation .....	38.6	40.5	38.0	38.4	—	34.8	36.6	34.2	34.5	—
42	<b>TRUCKING AND WAREHOUSING .....</b>	1,060.8	1,091.1	1,083.3	1,078.0	—	943.4	973.7	966.3	958.5	—
421,3	Trucking and trucking terminals .....	973.9	1,005.1	1,000.4	994.9	—	868.8	900.1	895.9	888.0	—
422	Public warehousing .....	86.9	86.0	82.9	83.1	—	74.6	73.6	70.4	70.5	—
45	<b>TRANSPORTATION BY AIR .....</b>	364.4	366.1	365.2	367.4	—	—	—	—	—	—
451,2	Air transportation .....	328.2	329.7	330.7	332.9	—	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION .....</b>	16.3	16.9	16.4	16.5	—	12.5	13.1	12.2	12.1	—
44,47	<b>OTHER TRANSPORTATION AND SERVICES .....</b>	331.6	334.7	338.4	349.1	—	—	—	—	—	—
44	<b>WATER TRANSPORTATION .....</b>	192.6	194.2	192.9	202.1	—	—	—	—	—	—
47	<b>TRANSPORTATION SERVICES .....</b>	139.0	140.5	145.5	147.0	—	—	—	—	—	—
48	<b>COMMUNICATION .....</b>	1,163.7	1,167.7	1,147.0	1,149.6	—	895.7	899.9	880.6	882.4	—
481	Telephone communication .....	962.9	965.3	942.8	943.8	—	735.1	737.4	717.1	715.8	—
482	Telegraph communication <sup>3</sup> .....	18.4	18.4	17.2	17.2	—	12.9	12.8	12.6	12.6	—
483	Radio and television broadcasting .....	150.3	152.1	153.5	154.9	—	120.3	122.3	122.0	124.8	—
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES .....</b>	730.4	741.0	732.0	734.1	—	609.6	618.7	611.4	613.5	—
491	Electric companies and systems .....	313.8	315.8	315.4	316.9	—	260.0	261.6	260.9	262.1	—
492	Gas companies and systems .....	157.8	163.3	158.4	158.4	—	130.9	136.1	130.3	130.3	—
493	Combination companies and systems .....	194.9	196.4	192.5	192.6	—	163.9	165.4	164.1	164.7	—
494-7	Water, steam, and sanitary systems .....	63.9	65.5	65.7	66.2	—	54.8	55.6	56.1	56.4	—
—	<b>WHOLESALE AND RETAIL TRADE .....</b>	16,819	16,971	17,295	17,401	17,546	14,828	14,983	15,265	15,380	15,516
50	<b>WHOLESALE TRADE .....</b>	4,142	4,178	4,212	4,227	4,285	3,427	3,464	3,481	3,495	3,547
501	Motor vehicles and automotive equipment .....	364.7	367.9	375.4	379.8	—	297.5	300.8	306.0	309.5	—
502	Drugs, chemicals, and allied products .....	238.1	238.4	239.1	240.5	—	191.7	191.8	190.5	191.5	—
503	Dry goods and apparel .....	153.3	153.7	154.9	156.4	—	119.1	119.5	121.6	121.7	—
504	Groceries and related products .....	585.3	600.1	606.0	604.6	—	508.7	523.5	526.8	526.4	—
506	Electrical goods .....	322.2	321.9	317.9	317.0	—	271.2	271.1	268.5	267.9	—
507	Hardware; plumbing and heating equipment .....	180.4	182.4	183.1	183.8	—	149.8	151.8	151.6	152.8	—
508	Machinery, equipment, and supplies .....	876.6	879.0	880.0	883.7	—	725.8	728.9	724.2	727.9	—
509	Miscellaneous wholesalers .....	1,324.0	1,335.7	1,349.0	1,356.1	—	1,085.3	1,096.2	1,104.3	1,111.3	—
52-59	<b>RETAIL TRADE .....</b>	12,677	12,793	13,083	13,174	13,261	11,401	11,519	11,784	11,885	11,969
53	Retail General Merchandise .....	2,379.6	2,398.4	2,438.1	2,446.5	—	2,170.3	2,192.3	2,234.3	2,245.0	—
531	Department stores .....	1,590.6	1,604.9	1,649.5	1,653.8	—	1,454.4	1,470.1	1,520.3	1,527.4	—
532	Mail order houses .....	118.7	117.8	112.7	110.9	—	111.7	110.9	105.0	103.0	—
533	Variety stores .....	300.5	300.0	304.2	304.6	—	277.4	277.5	284.2	284.6	—
54	<b>FOOD STORES .....</b>	1,936.8	1,939.3	1,974.0	1,987.8	—	1,796.0	1,798.2	1,828.2	1,841.1	—
541-3	Grocery, meat, and vegetable stores .....	1,762.2	1,763.5	1,790.9	1,804.7	—	1,633.8	1,635.0	1,658.7	1,671.3	—

See footnotes at end of table.



# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls, by industry--Continued

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	Apr. 1976	May <sup>P</sup> 1976	June <sup>P</sup> 1976	May 1975	June 1975	Apr. 1976	May <sup>P</sup> 1976	June <sup>P</sup> 1976
-	<b>WHOLESALE AND RETAIL TRADE--Continued</b>										
56	APPAREL AND ACCESSORY STORES .....	769.5	776.6	807.7	793.1	--	671.2	679.1	707.4	693.7	--
561	Men's and boys' clothing and furnishings .....	132.6	135.5	138.9	137.9	--	114.4	117.4	120.9	120.0	--
562	Women's ready-to-wear stores .....	289.8	289.3	299.2	296.4	--	254.4	254.4	263.2	261.1	--
565	Family clothing stores .....	119.6	121.1	124.6	124.9	--	108.6	110.3	113.2	113.6	--
566	Shoe stores .....	158.5	160.1	173.0	161.6	--	132.8	134.6	146.7	135.2	--
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	500.4	507.8	523.9	526.6	--	424.6	429.3	442.2	445.1	--
571	Furniture and home furnishings .....	308.8	315.1	319.5	319.9	--	262.3	266.1	272.3	272.6	--
58	<b>EATING AND DRINKING PLACES</b> .....	3,344.0	3,392.4	3,469.7	3,528.8	--	3,120.9	3,168.6	3,236.0	3,299.2	--
52,55,59	<b>OTHER RETAIL TRADE</b> .....	3,746.2	3,778.2	3,869.8	3,891.5	--	3,217.9	3,251.6	3,335.8	3,360.4	--
52	Building materials and farm equipment .....	601.4	615.7	619.9	629.1	--	512.2	527.1	528.8	537.4	--
55	Automotive dealers and service stations .....	1,691.8	1,711.5	1,735.8	1,742.2	--	--	--	--	--	--
551,2	Motor vehicle dealers .....	754.2	762.5	779.1	781.8	--	625.9	634.9	649.4	652.7	--
553,9	Other automotive and accessory dealers .....	318.0	326.8	328.4	332.6	--	267.0	274.7	276.2	280.5	--
554	Gasoline service stations .....	619.6	622.2	628.3	627.8	--	--	--	--	--	--
59	Miscellaneous retail stores .....	1,453.0	1,451.0	1,514.1	1,520.2	--	--	--	--	--	--
591	Drug stores and proprietary stores .....	463.5	466.7	471.6	472.7	--	413.4	416.5	420.7	421.8	--
594	Book and stationery stores .....	78.5	77.0	80.4	79.9	--	66.9	65.1	68.6	68.1	--
596	Farm and garden supply stores .....	133.2	131.9	143.2	143.3	--	--	--	--	--	--
598	Fuel and ice dealers .....	97.2	96.4	100.3	97.0	--	82.0	81.7	85.1	81.9	--
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	4,208	4,248	4,276	4,278	4,344	3,209	3,250	3,260	3,260	3,322
60	Banking .....	1,266.3	1,277.7	1,285.3	1,289.4	--	999.4	1,009.7	1,012.9	1,016.0	--
61	Credit agencies other than banks .....	432.6	436.7	457.3	457.1	--	331.4	335.3	349.8	349.9	--
612	Savings and loan associations .....	161.3	164.4	181.3	182.5	--	129.3	132.3	145.4	146.5	--
614	Personal credit institutions .....	193.0	193.6	194.9	193.2	--	--	--	--	--	--
62	Security, commodity brokers and services .....	170.5	171.2	176.1	176.8	--	139.3	140.1	144.1	144.1	--
63	Insurance carriers .....	1,103.6	1,107.4	1,104.1	1,104.7	--	740.5	742.6	744.2	744.9	--
631	Life insurance .....	524.5	527.0	514.9	513.1	--	304.5	305.6	295.6	294.4	--
632	Accident and health insurance .....	118.6	117.6	120.7	121.2	--	98.6	97.2	99.4	100.0	--
633	Fire, marine, and casualty insurance .....	405.5	406.3	408.9	410.1	--	292.5	293.3	300.2	301.0	--
64	Insurance agents, brokers, and service .....	328.5	330.7	338.1	340.8	--	--	--	--	--	--
65	Real estate .....	792.4	809.2	799.3	792.9	--	--	--	--	--	--
655	Subdividers and developers .....	123.5	127.0	113.1	120.4	--	--	--	--	--	--
656	Operative builders .....	54.4	57.5	54.9	55.2	--	--	--	--	--	--
66,67	Other finance, insurance, and real estate .....	113.8	114.8	115.6	116.3	--	--	--	--	--	--
-	<b>SERVICES</b> .....	13,986	14,079	14,498	14,644	14,800	12,603	12,679	13,066	13,195	13,329
70	Hotels and other lodging places .....	962.1	1,016.7	975.6	1,017.4	--	--	--	--	--	--
701	Hotels, tourist courts, and motels .....	810.8	847.9	811.2	840.9	--	752.2	788.1	750.4	778.8	--
72	Personal services .....	840.4	842.1	822.6	827.1	--	--	--	--	--	--
721	Laundries and dry cleaning plants .....	359.3	363.0	350.4	352.2	--	321.4	325.8	313.7	315.5	--
722	Photographic studios .....	42.3	41.5	43.2	42.9	--	37.3	36.6	37.7	37.5	--
73	Miscellaneous business services .....	1,969.1	1,975.4	2,074.9	2,093.9	--	--	--	--	--	--
731	Advertising .....	119.3	119.2	122.9	124.1	--	--	--	--	--	--
732	Credit reporting and collection .....	78.7	78.8	79.6	80.7	--	--	--	--	--	--
734	Services to buildings .....	389.9	386.9	405.8	410.1	--	--	--	--	--	--
76	Miscellaneous repair services .....	212.0	217.2	215.7	216.4	--	--	--	--	--	--
78	Motion pictures .....	198.9	205.7	199.4	203.2	--	--	--	--	--	--
781	Motion picture filming and distributing .....	57.8	61.6	59.2	61.2	--	42.3	45.0	44.0	44.5	--
782,3	Motion picture theaters and services .....	141.1	144.1	140.2	142.0	--	--	--	--	--	--
80	Medical and other health services .....	4,155.7	4,200.0	4,375.9	4,405.1	--	--	--	--	--	--
806	Hospitals .....	2,275.5	2,296.7	2,363.3	2,372.8	--	2,080.3	2,101.0	2,157.9	2,163.8	--
81	Legal services .....	332.8	346.6	356.0	357.8	--	--	--	--	--	--
82	Educational services .....	1,262.1	1,149.4	1,333.5	1,312.6	--	--	--	--	--	--
821	Elementary and secondary schools .....	410.9	396.0	423.5	422.3	--	--	--	--	--	--
822	Colleges and universities .....	700.5	609.0	737.2	716.4	--	--	--	--	--	--
89	Miscellaneous services .....	864.4	871.8	893.4	889.0	--	--	--	--	--	--
891	Engineering and architectural services .....	399.1	403.8	401.5	404.5	--	--	--	--	--	--
892	Nonprofit research agencies .....	138.4	139.7	147.9	147.8	--	--	--	--	--	--

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry--Continued**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>
—	<b>GOVERNMENT</b> .....	14,939	14,796	15,296	15,289	15,182	—	—	—	—	—
91	<b>FEDERAL GOVERNMENT<sup>5</sup></b> .....	2,741	2,771	2,730	2,735	2,750	—	—	—	—	—
	Executive .....	2,694.0	2,722.4	2,681.2	2,685.7	—	—	—	—	—	
	Department of Defense .....	954.6	968.0	930.7	930.1	—	—	—	—	—	
	Postal Service .....	693.2	696.3	670.3	670.5	—	—	—	—	—	
	Other agencies .....	1,046.2	1,058.1	1,080.2	1,085.1	—	—	—	—	—	
	Legislative .....	36.5	38.5	37.9	38.0	—	—	—	—	—	
	Judicial .....	10.2	10.3	11.0	11.0	—	—	—	—	—	
92,93	<b>STATE AND LOCAL GOVERNMENT</b> .....	12,198	12,025	12,566	12,554	12,432	—	—	—	—	
92	State government .....	3,227.6	3,127.2	3,348.5	3,323.6	—	—	—	—	—	
	State education .....	1,365.0	1,229.5	1,504.9	1,478.3	—	—	—	—	—	
	Other State government .....	1,862.6	1,897.7	1,843.6	1,845.3	—	—	—	—	—	
93	Local government .....	8,970.8	8,897.6	9,217.3	9,230.4	—	—	—	—	—	
	Local education .....	5,106.3	4,911.3	5,274.1	5,266.3	—	—	—	—	—	
	Other local government .....	3,864.5	3,986.3	3,943.2	3,964.1	—	—	—	—	—	

<sup>1</sup> Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>2</sup> Beginning January 1965, data relate to line haul railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data for nonsupervisory workers exclude messengers.

<sup>4</sup> Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

<sup>5</sup> Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

<sup>p</sup> Not available.

p=preliminary.

# ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

## B-4. Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted

[1967 = 100]

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920.....	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1925.....	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926.....	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927.....	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928.....	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929.....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930.....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931.....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932.....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933.....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934.....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935.....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936.....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937.....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938.....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939.....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940.....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941.....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942.....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943.....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944.....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945.....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946.....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947.....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948.....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949.....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950.....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951.....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952.....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953.....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954.....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955.....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956.....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957.....	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958.....	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959.....	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960.....	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961.....	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962.....	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963.....	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964.....	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965.....	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966.....	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967.....	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	100.0
1968.....	103.2	101.8	98.9	103.1	101.7	103.9	101.2	103.6	102.4	104.0	104.8	105.2	103.9	100.7	105.0
1969.....	107.0	104.5	101.0	109.9	103.7	108.3	104.1	108.1	105.9	108.8	110.4	111.2	107.1	101.4	108.8
1970.....	107.7	101.0	101.6	110.2	99.5	111.3	105.7	110.5	108.3	111.3	114.3	115.1	110.2	100.4	113.3
1971.....	108.1	98.1	99.3	113.4	95.5	113.6	104.6	112.8	108.5	114.4	117.9	117.9	113.1	99.2	117.4
1972.....	111.9	101.2	102.0	119.4	98.2	117.8	106.0	117.4	111.9	119.4	122.3	122.7	117.0	98.7	122.8
1973.....	116.8	106.3	105.1	125.2	103.2	122.5	109.0	122.5	116.5	124.7	126.9	128.9	120.5	97.9	127.6
1974.....	119.1	106.1	113.2	123.3	103.1	126.1	110.2	125.1	119.8	126.9	130.5	134.8	124.4	100.2	132.0
1975.....	116.9	96.9	121.5	107.8	94.3	127.8	105.6	124.6	118.5	126.7	130.9	138.6	129.6	101.1	138.6
June.....	115.9	95.6	120.9	105.7	93.1	127.1	104.9	124.0	117.8	126.2	130.3	137.4	128.9	100.7	137.7
July.....	116.4	95.5	121.2	105.8	93.0	127.9	104.8	124.8	118.0	127.2	130.3	138.5	130.0	101.0	139.1
Aug.....	117.0	96.3	122.2	106.5	93.9	128.2	104.8	125.1	118.0	127.5	130.8	139.1	130.3	101.4	139.4
Sept.....	117.4	97.1	122.7	107.0	94.7	128.5	104.8	125.3	118.6	127.6	131.4	139.7	130.2	101.7	139.2
Oct.....	117.8	97.4	126.3	106.0	95.1	128.9	105.0	125.3	118.6	127.6	131.7	140.2	131.3	101.8	140.5
Nov.....	117.8	97.4	125.0	106.3	95.0	128.9	105.5	125.0	118.4	127.3	131.7	140.5	131.4	101.5	140.7
Dec.....	118.1	97.7	125.4	106.2	95.5	129.3	105.1	125.5	118.9	127.9	132.2	140.9	131.6	101.3	141.1
1976:															
Jan.....	118.7	98.5	124.6	106.9	96.3	129.8	105.5	126.7	119.5	129.1	132.3	141.7	131.3	101.0	140.8
Feb.....	119.0	98.4	124.5	105.2	96.5	130.2	106.0	127.3	120.2	129.8	132.3	142.2	131.6	100.8	141.2
Mar.....	119.4	98.9	125.6	104.9	97.1	130.6	105.6	127.8	120.2	130.4	132.6	142.8	131.9	100.5	141.8
Apr.....	119.9	99.5	125.9	106.0	97.6	131.1	105.8	128.2	120.7	130.8	133.1	143.6	132.3	100.4	142.2
May.....	119.9	99.4	126.1	106.2	97.5	131.1	105.7	128.1	120.9	130.7	132.7	144.0	132.2	100.3	142.2
June.....	119.9	99.2	127.4	105.8	97.2	131.3	105.7	128.3	120.8	130.9	133.2	144.4	132.3	99.9	142.4

p = preliminary.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an

increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

**B-5. Employees on nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1975						1976						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May <sup>p</sup>	June <sup>p</sup>
<b>TOTAL</b> .....	76,343	76,679	77,023	77,310	77,555	77,574	77,796	78,179	78,368	78,630	78,963	78,964	78,988
<b>GOODS-PRODUCING</b> .....	22,233	22,222	22,418	22,601	22,669	22,657	22,743	22,914	22,901	23,013	23,144	23,136	23,075
<b>MINING</b> .....	741	743	749	752	774	766	769	764	763	770	772	773	781
<b>CONTRACT CONSTRUCTION</b> .....	3,392	3,395	3,415	3,432	3,402	3,409	3,406	3,428	3,375	3,366	3,399	3,407	3,393
<b>MANUFACTURING</b> .....	18,100	18,084	18,254	18,417	18,493	18,482	18,568	18,722	18,763	18,877	18,973	18,956	18,901
<b>DURABLE GOODS</b> .....	10,527	10,465	10,563	10,650	10,661	10,653	10,717	10,820	10,846	10,937	11,000	11,040	11,035
Ordnance and accessories .....	173	172	167	165	164	161	163	162	162	161	161	160	157
Lumber and wood products .....	552	557	563	568	576	576	581	592	595	596	597	598	600
Furniture and fixtures .....	437	441	452	464	467	470	473	477	484	487	492	495	489
Stone, clay, and glass products .....	605	604	610	615	615	616	616	616	612	616	624	626	628
Primary metal industries .....	1,149	1,134	1,148	1,169	1,149	1,146	1,158	1,162	1,168	1,173	1,181	1,186	1,195
Fabricated metal products .....	1,317	1,298	1,331	1,340	1,344	1,339	1,344	1,358	1,369	1,381	1,389	1,389	1,382
Machinery, except electrical .....	2,035	2,017	2,013	2,035	2,039	2,032	2,030	2,039	2,039	2,049	2,054	2,063	2,056
Electrical equipment and supplies .....	1,723	1,712	1,747	1,755	1,767	1,764	1,773	1,785	1,795	1,818	1,828	1,833	1,838
Transportation equipment .....	1,657	1,645	1,645	1,643	1,641	1,648	1,676	1,712	1,699	1,726	1,739	1,748	1,749
Instruments and related products .....	481	482	481	486	490	492	494	498	501	505	510	512	514
Miscellaneous manufacturing .....	398	403	406	410	409	409	409	419	422	425	425	430	427
<b>NONDURABLE GOODS</b> .....	7,573	7,619	7,691	7,767	7,832	7,829	7,851	7,902	7,917	7,940	7,973	7,916	7,866
Food and kindred products .....	1,671	1,668	1,688	1,693	1,695	1,688	1,688	1,700	1,709	1,695	1,707	1,710	1,701
Tobacco manufactures .....	75	79	78	80	79	81	79	77	75	75	75	75	73
Textile mill products .....	891	897	918	938	953	950	955	958	964	964	972	973	964
Apparel and other textile products .....	1,215	1,245	1,245	1,261	1,287	1,290	1,299	1,314	1,306	1,322	1,317	1,314	1,310
Paper and allied products .....	627	633	639	648	652	652	658	665	667	671	674	680	668
Printing and publishing .....	1,073	1,068	1,072	1,075	1,071	1,072	1,074	1,069	1,069	1,075	1,077	1,080	1,073
Chemicals and allied products .....	1,000	999	1,008	1,011	1,019	1,020	1,018	1,024	1,029	1,030	1,033	1,030	1,027
Petroleum and coal products .....	197	199	199	200	201	202	201	203	204	204	204	203	202
Rubber and plastics products, nec .....	572	575	588	599	608	604	608	615	617	627	634	572	571
Leather and leather products .....	252	256	256	262	267	270	271	275	275	277	280	279	277
<b>SERVICE-PRODUCING</b> .....	54,110	54,457	54,605	54,709	54,886	54,917	55,053	55,265	55,467	55,617	55,819	55,823	55,913
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,469	4,464	4,466	4,467	4,476	4,496	4,477	4,494	4,517	4,498	4,510	4,502	4,506
<b>WHOLESALE AND RETAIL TRADE</b> ..	16,877	16,984	17,016	17,045	17,043	17,010	17,080	17,233	17,326	17,386	17,444	17,435	17,454
<b>WHOLESALE TRADE</b> .....	4,153	4,161	4,159	4,181	4,180	4,174	4,190	4,214	4,236	4,236	4,255	4,261	4,259
<b>RETAIL TRADE</b> .....	12,724	12,823	12,857	12,864	12,863	12,836	12,890	13,019	13,090	13,150	13,189	13,174	13,195
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,202	4,203	4,218	4,239	4,246	4,248	4,264	4,266	4,266	4,276	4,293	4,278	4,297
<b>SERVICES</b> .....	13,871	13,990	14,050	14,113	14,157	14,188	14,229	14,307	14,360	14,422	14,498	14,542	14,581
Hotels and other lodging places .....	962	976	986	982	993	997	990	999	1,008	1,004	1,009	1,026	-
Personal services .....	831	835	833	833	831	832	835	833	833	826	825	823	-
Medical and other health services .....	4,175	4,197	4,213	4,241	4,258	4,273	4,304	4,317	4,333	4,359	4,389	4,414	-
Educational services .....	1,204	1,215	1,212	1,225	1,233	1,236	1,241	1,237	1,243	1,257	1,264	1,260	-
<b>GOVERNMENT</b> .....	14,691	14,816	14,855	14,845	14,964	14,975	15,003	14,965	14,998	15,035	15,074	15,071	15,075
<b>FEDERAL</b> .....	2,738	2,745	2,756	2,765	2,767	2,761	2,755	2,746	2,740	2,732	2,730	2,727	2,717
<b>STATE AND LOCAL</b> .....	11,953	12,071	12,099	12,080	12,197	12,214	12,248	12,219	12,258	12,303	12,344	12,344	12,358

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

**B-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1975							1976					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May <sup>P</sup>	June <sup>P</sup>
<b>TOTAL</b> .....	50,536	50,736	51,052	51,315	51,435	51,420	51,592	51,963	52,103	52,293	52,551	52,557	52,559
<b>GOODS-PRODUCING</b> .....	16,122	16,115	16,312	16,467	16,532	16,512	16,600	16,744	16,723	16,815	16,942	16,928	16,864
<b>MINING</b> .....	561	564	567	569	585	581	587	582	577	583	586	584	593
<b>CONTRACT CONSTRUCTION</b> .....	2,712	2,711	2,734	2,741	2,712	2,709	2,702	2,714	2,659	2,655	2,688	2,701	2,686
<b>MANUFACTURING</b> .....	12,849	12,840	13,011	13,157	13,235	13,222	13,311	13,448	13,487	13,577	13,668	13,643	13,585
<b>DURABLE GOODS</b> .....	7,404	7,348	7,450	7,527	7,548	7,539	7,603	7,698	7,722	7,795	7,858	7,891	7,882
Ordnance and accessories .....	82	81	77	75	75	71	73	73	73	73	74	73	71
Lumber and wood products .....	459	463	469	475	483	481	485	496	497	498	500	500	502
Furniture and fixtures .....	351	355	366	379	381	384	387	390	397	399	404	407	404
Stone, clay, and glass products .....	477	477	483	488	488	489	489	489	486	489	497	499	500
Primary metal industries .....	889	878	892	911	894	892	903	907	911	917	925	929	938
Fabricated metal products .....	979	960	993	1,000	1,004	1,000	1,006	1,020	1,030	1,040	1,049	1,049	1,041
Machinery, except electrical .....	1,317	1,300	1,300	1,314	1,319	1,310	1,308	1,317	1,318	1,326	1,328	1,336	1,328
Electrical equipment and supplies .....	1,106	1,097	1,131	1,139	1,151	1,147	1,160	1,171	1,179	1,197	1,209	1,215	1,218
Transportation equipment .....	1,155	1,143	1,142	1,140	1,144	1,155	1,182	1,211	1,202	1,224	1,236	1,241	1,240
Instruments and related products .....	286	287	286	291	295	296	298	302	304	305	310	313	313
Miscellaneous manufacturing .....	303	307	311	315	314	314	312	322	325	327	326	329	327
<b>NONDURABLE GOODS</b> .....	5,445	5,492	5,561	5,630	5,687	5,683	5,708	5,750	5,765	5,782	5,810	5,752	5,703
Food and kindred products .....	1,133	1,131	1,147	1,150	1,154	1,143	1,144	1,156	1,166	1,153	1,164	1,167	1,154
Tobacco manufactures .....	62	65	65	66	65	67	66	66	64	62	62	62	60
Textile mill products .....	771	777	800	819	832	831	836	837	841	842	848	849	841
Apparel and other textile products .....	1,043	1,071	1,071	1,086	1,107	1,112	1,121	1,133	1,127	1,140	1,135	1,131	1,128
Paper and allied products .....	469	474	479	487	490	492	497	502	505	508	512	516	508
Printing and publishing .....	631	629	632	632	630	629	631	627	626	629	630	632	625
Chemicals and allied products .....	560	560	566	573	579	580	579	583	587	588	590	588	585
Petroleum and coal products .....	125	127	128	128	129	130	130	131	132	132	133	132	131
Rubber and plastics products, nec .....	436	439	453	463	471	466	470	477	479	488	494	434	432
Leather and leather products .....	215	219	220	226	230	233	234	238	238	240	242	241	239
<b>SERVICE-PRODUCING</b> .....	34,414	34,621	34,740	34,848	34,903	34,908	34,992	35,219	35,380	35,478	35,609	35,629	35,695
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,831	3,827	3,825	3,828	3,835	3,854	3,832	3,854	3,880	3,863	3,869	3,854	3,877
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,896	14,992	15,032	15,076	15,077	15,031	15,087	15,226	15,304	15,349	15,411	15,412	15,420
<b>WHOLESALE TRADE</b> .....	3,440	3,448	3,445	3,463	3,459	3,452	3,467	3,492	3,509	3,505	3,520	3,527	3,522
<b>RETAIL TRADE</b> .....	11,456	11,544	11,587	11,613	11,618	11,579	11,620	11,734	11,795	11,844	11,891	11,885	11,898
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,208	3,203	3,218	3,234	3,232	3,240	3,251	3,258	3,258	3,268	3,276	3,260	3,279
<b>SERVICES</b> .....	12,479	12,599	12,665	12,710	12,759	12,783	12,822	12,881	12,938	12,998	13,053	13,103	13,119

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>P</sup> preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-7. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased, 1973 to date**

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
<b>1973</b>				
January .....	76.7	84.0	81.7	81.1
February .....	75.0	83.7	79.4	80.8
March .....	73.8	76.2	79.4	82.6
April .....	62.5	71.5	74.7	81.4
May .....	59.9	70.3	72.1	79.7
June .....	68.0	63.1	66.6	78.5
July .....	55.8	66.9	72.1	75.6
August .....	63.1	64.8	72.7	73.5
September .....	61.6	74.7	73.0	69.2
October .....	72.7	75.9	75.6	66.0
November .....	75.0	76.5	70.3	66.6
December .....	66.6	70.1	66.0	64.2
<b>1974</b>				
January .....	59.3	62.8	60.8	63.4
February .....	52.6	53.8	55.2	59.6
March .....	46.5	48.0	49.7	55.2
April .....	47.1	48.3	48.5	50.3
May .....	55.2	51.7	49.7	40.1
June .....	53.2	52.6	45.6	28.2
July .....	52.3	45.1	37.2	27.0
August .....	45.9	39.2	31.1	22.4
September .....	36.0	40.4	23.3	20.9
October .....	37.8	28.8	17.7	18.6
November .....	20.1	21.5	17.2	16.6
December .....	18.6	13.4	13.1	14.0
<b>1975</b>				
January .....	18.6	12.5	13.4	16.6
February .....	16.6	13.7	13.1	17.4
March .....	25.0	19.2	16.3	17.4
April .....	40.4	35.8	27.9	20.9
May .....	53.8	40.4	40.1	25.9
June .....	40.4	48.5	60.8	40.4
July .....	55.2	55.8	67.4	50.3
August .....	73.5	80.2	67.4	62.5
September .....	81.7	81.4	76.5	71.2
October .....	64.8	70.3	79.4	75.9
November .....	54.7	68.9	82.0	79.9p
December .....	66.6	72.7	75.6	77.6p
<b>1976</b>				
January .....	75.0	78.8	80.2	
February .....	70.1	81.7	79.9p	
March .....	70.9	78.8	76.2p	
April .....	75.3	79.1p		
May .....	64.2p	60.8p		
June .....	40.1p			
July .....				
August .....				
September .....				
October .....				
November .....				
December .....				

<sup>1</sup> Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.  
p = preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P
<b>1 ALABAMA</b> .....	1,137.8	1,176.3	1,175.1	12.2	11.9	12.1	66.1	67.8	70.0	315.6	329.5	326.5
2 Birmingham .....	306.5	308.5	309.2	7.8	8.0	8.0	19.0	18.6	19.1	67.6	65.8	65.8
3 Huntsville .....	98.1	100.8	101.2	(1)	(1)	(1)	4.5	3.9	4.1	22.4	25.5	25.9
4 Mobile .....	123.9	122.5	125.2	(1)	(1)	(1)	9.8	9.7	10.0	25.1	23.2	25.3
5 Montgomery .....	85.6	86.9	86.8	(1)	(1)	(1)	5.7	5.7	5.8	13.0	13.4	13.3
6 Tuscaloosa .....	45.2	47.1	44.7	(1)	(1)	(1)	2.9	2.9	3.0	11.4	10.9	9.4
<b>7 ALASKA</b> .....	164.3	177.7	181.6	4.4	4.3	4.3	27.3	40.2	42.1	10.4	9.6	10.6
<b>8 ARIZONA</b> .....	720.2	744.2	744.7	24.2	23.4	23.5	41.1	40.1	40.8	96.1	97.8	98.7
9 Phoenix .....	425.2	440.7	440.0	.4	.4	.4	22.9	22.2	22.8	70.1	71.3	72.0
10 Tucson .....	143.2	146.1	145.4	7.8	7.2	7.2	9.2	9.2	9.2	12.1	11.9	11.9
<b>11 ARKANSAS</b> .....	615.7	641.4	644.9	4.1	4.1	4.1	30.9	29.6	29.9	169.9	186.0	188.5
12 Fayetteville-Springdale .....	49.1	50.5	50.8	(1)	(1)	(1)	2.6	2.1	2.2	14.1	15.3	15.5
13 Fort Smith .....	53.0	56.6	56.9	.3	.3	.3	2.2	2.2	2.1	18.3	21.8	22.0
14 Little Rock-North Little Rock .....	150.2	151.3	152.4	(1)	(1)	(1)	9.4	7.3	7.3	26.6	27.3	28.1
15 Pine Bluff .....	25.6	25.7	25.7	(1)	(1)	(1)	1.1	.8	.9	5.8	5.6	5.5
<b>16 CALIFORNIA</b> .....	7,908.1	7,901.0	7,945.3	31.8	32.7	32.9	284.0	278.6	283.7	1,576.3	1,593.7	1,585.6
17 Anaheim-Santa Ana-Garden Grove .....	568.3	594.3	598.6	2.2	2.2	2.2	21.5	21.7	22.8	149.9	155.7	156.0
18 Bakersfield .....	102.0	103.6	104.6	7.3	7.5	7.5	3.8	3.8	3.8	9.0	8.6	8.6
19 Fresno .....	146.5	148.4	149.9	.8	.8	.8	6.8	6.4	6.7	19.4	19.5	20.0
20 Los Angeles-Long Beach .....	3,039.0	3,076.8	3,079.6	11.1	11.3	11.3	95.4	92.3	92.0	774.1	780.6	778.3
21 Modesto .....	66.8	68.9	68.5	.1	.1	.1	3.5	3.5	3.7	15.6	16.4	15.7
22 Oxnard-Simi Valley-Ventura .....	112.3	113.7	114.0	1.7	1.7	1.7	4.0	3.3	3.4	15.4	16.1	15.8
23 Riverside-San Bernardino-Ontario .....	337.4	339.7	341.3	2.6	2.4	2.4	12.2	10.9	11.3	50.5	50.9	51.7
24 Sacramento .....	310.8	317.9	320.3	.3	.4	.4	12.8	12.0	12.6	21.4	22.4	22.6
25 Salinas-Seaside-Monterey .....	74.3	74.5	74.4	.6	.6	.6	2.4	2.4	2.5	9.1	9.2	8.4
26 San Diego .....	469.0	475.7	478.0	.5	.5	.5	19.2	19.7	19.7	72.7	70.3	70.4
27 San Francisco-Oakland .....	1,318.3	1,313.4	1,322.4	1.6	1.6	1.6	58.3	55.0	56.6	185.7	184.8	185.6
28 San Jose .....	464.8	480.9	483.7	.1	.1	.1	17.3	16.7	17.5	147.7	153.8	153.6
29 Santa Barbara-Santa Maria-Lompoc .....	93.7	96.5	96.8	.7	.7	.7	3.1	3.0	3.1	12.6	12.7	12.9
30 Santa Rosa .....	63.9	65.6	67.5	.2	.2	.2	3.4	3.0	3.6	8.5	9.3	9.7
31 Stockton .....	101.4	100.0	103.4	.1	.1	.1	3.8	3.8	4.0	18.6	17.6	18.4
32 Vallejo-Fairfield-Napa .....	80.1	82.0	82.6	.1	.1	.1	2.6	3.3	3.5	8.3	8.3	8.3
<b>33 COLORADO</b> .....	930.2	969.6	980.6	19.1	19.2	19.5	48.2	52.7	55.3	132.4	136.3	137.8
34 Denver-Boulder .....	599.5	614.8	621.1	6.9	7.7	7.9	35.9	34.9	35.3	91.4	92.3	93.3
<b>35 CONNECTICUT</b> .....	1,227.5	1,221.0	1,230.7	(2)	(2)	(2)	46.0	36.0	39.2	392.2	392.3	392.8
36 Bridgeport .....	147.1	145.1	147.2	(2)	(2)	(2)	4.3	4.0	4.1	57.7	57.7	57.8
37 Hartford .....	338.6	336.0	337.6	(2)	(2)	(2)	11.7	10.2	11.4	85.9	84.7	84.6
38 New Britain .....	54.6	51.2	53.7	(2)	(2)	(2)	2.1	1.0	2.1	26.4	23.3	25.2
39 New Haven-West Haven .....	172.7	172.2	173.5	(2)	(2)	(2)	5.5	5.9	6.2	44.8	43.7	43.5
40 Stamford .....	88.4	89.6	90.5	(2)	(2)	(2)	2.9	2.6	2.9	27.7	28.6	28.6
41 Waterbury .....	81.3	81.3	79.4	(2)	(2)	(2)	2.5	2.2	2.5	33.4	34.1	31.3
<b>42 DELAWARE</b> .....	225.8	231.9	230.2	(1)	(1)	(1)	15.6	14.3	14.5	66.1	68.7	67.1
43 Wilmington .....	203.4	207.4	205.8	(1)	(1)	(1)	15.4	13.2	13.6	63.5	67.2	65.8
<b>44 DISTRICT OF COLUMBIA</b> <sup>3</sup> .....	574.2	577.2	578.8	(1)	(1)	(1)	19.4	19.6	19.9	15.3	16.1	16.2
45 Washington SMSA .....	1,327.1	1,339.8	1,349.2	(1)	(1)	(1)	71.9	70.1	71.9	47.7	46.4	46.6
<b>46 FLORIDA</b> .....	2,744.4	2,752.2	2,731.1	11.3	11.1	11.1	170.9	137.8	135.1	327.0	338.1	341.8
47 Fort Lauderdale-Hollywood .....	234.3	234.6	230.7	(1)	(1)	(1)	18.6	14.2	14.2	74.0	24.5	24.7
48 Jacksonville .....	256.1	257.5	257.8	(1)	(1)	(1)	14.9	13.5	13.5	28.5	29.8	29.0
49 Miami .....	580.5	578.5	576.2	(1)	(1)	(1)	23.7	20.7	19.9	79.6	81.4	81.8
50 Orlando .....	212.3	212.6	211.6	(1)	(1)	(1)	13.7	13.8	13.7	25.4	23.6	23.7
51 Pensacola .....	94.8	85.4	85.4	(1)	(1)	(1)	6.8	6.6	6.6	13.8	13.8	13.8
52 Tampa-St. Petersburg .....	412.6	416.3	413.4	(1)	(1)	(1)	26.9	23.7	23.5	54.9	54.7	54.9
53 West Palm Beach-Boca Raton .....	141.0	144.3	142.2	(1)	(1)	(1)	10.9	9.9	9.7	17.4	17.3	17.2
<b>54 GEORGIA</b> .....	1,713.7	1,750.5	1,752.2	6.7	7.0	6.9	81.5	75.1	75.1	423.6	457.3	457.6
55 Atlanta .....	731.6	744.7	746.1	(1)	(1)	(1)	33.2	32.7	32.5	115.7	120.3	121.5
56 Augusta .....	99.4	104.4	104.9	(1)	(1)	(1)	5.6	4.9	4.9	30.4	32.2	32.4
57 Columbus .....	72.3	75.7	75.6	(1)	(1)	(1)	4.2	5.2	5.3	19.8	21.3	20.8
58 Macon .....	88.8	90.5	90.7	(1)	(1)	(1)	4.7	4.4	4.4	13.3	14.4	14.5
59 Savannah .....	70.6	72.9	73.4	(1)	(1)	(1)	4.5	4.6	4.5	14.1	15.1	15.4
<b>60 HAWAII</b> .....	339.5	342.5	342.4	(1)	(1)	(1)	28.8	24.0	23.9	23.6	23.4	24.1
61 Honolulu .....	297.0	288.1	298.0	(1)	(1)	(1)	24.8	20.3	20.3	17.2	16.9	17.5

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	
59.5	60.2	60.4	223.4	234.5	234.3	49.8	50.9	51.0	167.2	172.6	173.0	244.0	248.9	247.8	1
21.7	22.5	22.5	71.1	72.9	72.8	19.5	19.7	19.8	52.0	52.5	52.7	47.8	48.5	48.5	2
2.0	2.0	2.0	18.1	18.5	18.6	2.8	2.8	2.8	16.4	16.1	16.1	31.9	32.0	31.7	3
10.1	9.5	9.7	29.2	29.5	29.5	5.9	6.1	6.1	23.6	23.6	23.6	20.2	20.9	21.0	4
4.3	4.2	4.2	20.0	20.4	20.3	4.9	5.1	5.1	15.3	15.4	15.5	22.4	22.7	22.6	5
1.8	1.8	1.8	7.5	8.0	7.9	1.4	1.5	1.5	4.9	5.3	5.1	15.3	16.7	16.0	6
15.9	15.5	15.6	25.6	26.7	26.9	6.1	6.9	6.9	26.8	26.7	27.6	47.8	47.8	47.6	7
38.5	38.4	38.6	173.3	178.6	178.6	41.8	42.3	42.4	135.2	143.1	142.1	170.0	180.5	180.0	8
22.9	23.0	23.1	111.7	115.4	115.5	32.1	32.7	32.9	82.9	87.1	85.9	82.2	88.6	88.3	9
7.7	7.6	7.6	31.4	31.9	31.9	6.0	5.9	5.8	28.0	29.6	29.3	41.0	42.8	42.5	10
36.3	36.5	36.9	132.8	137.0	138.5	27.6	28.7	28.9	89.2	94.3	94.7	125.0	125.2	123.4	11
3.0	2.9	3.0	10.5	11.1	11.1	2.0	2.2	2.2	7.0	7.2	7.1	9.9	9.7	9.7	12
2.9	2.7	2.8	11.5	12.0	12.1	1.9	2.0	2.0	8.6	8.6	8.6	7.3	7.0	7.0	13
11.6	11.7	11.7	33.9	34.5	34.7	10.8	11.2	11.2	25.4	26.1	26.2	32.5	33.2	33.2	14
3.1	3.1	3.1	4.9	4.9	4.9	1.1	1.2	1.2	4.1	4.2	4.3	5.5	5.9	5.8	15
464.9	463.9	466.1	1,767.6	1,788.1	1,804.9	449.8	461.4	463.5	1,565.4	1,606.5	1,613.0	1,668.3	1,686.1	1,695.6	16
17.5	18.3	18.5	141.3	149.9	153.2	32.4	33.8	34.0	110.6	115.3	114.5	93.9	97.4	97.4	17
6.6	6.7	6.8	24.4	24.8	25.3	3.9	3.9	3.9	17.9	18.0	18.4	29.1	30.3	30.3	18
8.8	8.9	9.0	35.6	35.9	36.7	7.2	7.3	7.3	27.5	28.2	28.4	40.4	41.4	41.0	19
174.0	175.8	176.9	692.1	702.0	705.6	185.6	189.0	189.2	629.1	638.8	640.2	477.6	487.0	486.1	20
3.1	3.2	3.2	14.6	15.0	14.9	2.0	1.9	1.9	13.5	13.8	14.0	14.4	15.0	15.0	21
4.4	4.5	4.5	25.6	26.1	26.6	4.4	4.4	4.4	20.7	21.0	21.1	36.1	36.6	36.5	22
18.7	18.5	18.6	80.6	83.0	83.4	12.2	12.3	12.3	69.6	70.8	70.7	91.0	90.9	90.9	23
16.5	17.0	17.0	68.1	70.1	71.2	13.4	13.8	13.8	49.3	50.9	51.2	129.0	131.3	131.5	24
4.4	4.3	4.4	18.6	18.4	19.0	2.9	3.0	3.0	15.0	15.1	15.1	21.3	21.5	21.4	25
22.6	22.4	22.6	107.5	110.9	111.5	25.2	26.3	26.5	95.9	97.9	98.2	125.4	128.7	128.6	26
122.3	121.4	121.0	286.8	286.0	287.9	113.1	114.8	115.1	262.4	268.3	268.1	288.1	281.5	286.5	27
18.6	18.6	18.7	90.1	94.7	95.4	18.7	19.1	19.2	96.4	101.1	102.0	75.9	76.8	77.2	28
3.0	3.0	3.0	21.0	21.6	21.6	4.2	4.2	4.2	24.1	24.0	24.0	25.0	27.3	27.3	29
3.3	3.4	3.5	15.3	15.8	16.1	4.2	4.3	4.4	11.9	12.0	12.3	17.1	17.6	17.7	30
7.6	7.5	7.9	22.4	22.1	23.3	3.6	3.7	3.7	19.1	18.7	19.5	26.2	26.5	26.5	31
3.8	3.7	3.8	14.2	14.5	14.9	2.2	2.3	2.3	14.2	15.0	15.0	34.7	34.8	34.7	32
58.3	60.1	59.9	226.2	229.1	233.6	55.7	57.9	58.6	173.8	192.1	193.2	216.5	222.2	222.9	33
40.2	40.3	40.1	147.3	152.7	155.5	41.6	43.4	43.9	117.8	124.9	125.7	118.4	118.5	118.4	34
53.4	51.6	51.9	248.4	251.3	253.8	86.0	85.4	85.8	221.7	226.9	229.5	179.7	177.6	177.7	35
5.9	6.1	6.0	29.8	28.6	30.1	5.9	6.0	6.0	25.4	24.9	25.4	18.2	17.9	17.8	36
12.1	12.0	12.1	70.1	71.0	71.2	49.9	49.1	49.3	57.9	57.9	58.0	50.9	51.0	51.1	37
1.5	1.6	1.6	9.0	8.8	9.1	1.5	1.5	1.5	7.4	7.4	7.5	6.8	6.7	6.7	38
14.4	14.3	14.4	35.0	35.2	35.6	8.6	8.9	8.9	41.0	40.5	41.2	23.5	23.8	23.8	39
3.2	2.9	2.9	19.5	19.8	20.0	6.0	6.1	6.1	20.1	20.3	20.7	9.0	9.2	9.3	40
3.1	3.1	3.1	14.0	13.8	14.2	2.8	2.8	2.8	14.5	14.7	14.9	10.9	10.6	10.6	41
11.6	11.6	11.5	46.2	46.4	46.6	11.5	11.3	11.3	37.1	36.8	37.4	37.7	42.8	41.8	42
10.2	10.5	10.4	38.7	38.6	38.5	10.4	10.2	10.1	33.1	32.7	33.4	32.1	35.0	34.0	43
28.6	27.7	27.9	64.6	65.6	65.6	33.0	32.9	32.9	145.7	148.1	148.7	267.6	267.2	267.6	44
64.0	62.9	63.3	249.6	255.6	258.2	77.8	77.8	78.9	305.7	309.7	312.2	510.4	517.3	518.1	45
185.7	182.3	183.2	720.6	727.5	714.6	189.2	191.1	190.7	580.3	603.8	593.7	559.4	560.5	560.9	46
14.1	14.0	14.0	67.7	68.7	66.4	17.7	18.7	18.8	54.7	55.9	54.0	37.5	38.6	38.6	47
21.1	20.6	20.8	66.7	68.4	68.6	26.7	27.2	27.1	46.1	46.7	46.5	52.1	52.3	52.3	48
59.2	57.0	57.2	152.8	150.6	150.0	43.9	43.2	43.1	139.4	140.8	139.1	81.9	84.8	85.1	49
11.6	11.5	11.5	59.6	59.8	59.2	14.1	13.9	13.9	52.4	53.9	53.5	36.5	36.1	36.1	50
4.3	4.2	4.2	18.3	18.4	18.4	3.5	3.5	3.5	14.1	14.8	14.8	24.0	24.1	24.1	51
27.1	26.2	26.0	117.3	121.1	120.2	29.0	28.6	28.7	87.8	90.4	88.3	69.6	71.6	71.8	52
6.6	6.6	6.6	38.2	39.6	39.1	10.0	10.5	10.4	34.2	36.3	35.3	23.7	24.1	23.9	53
111.6	114.2	114.2	383.4	382.1	382.6	97.5	95.0	94.9	253.4	254.3	255.9	356.0	365.5	365.0	54
67.6	68.0	67.8	201.9	203.4	203.4	58.0	57.4	57.3	130.1	134.1	134.8	125.1	128.8	128.8	55
3.8	3.8	3.8	16.7	18.8	18.9	3.6	3.5	3.5	13.1	14.0	14.2	26.2	27.2	27.2	56
2.8	2.6	2.7	13.7	14.4	14.6	4.4	4.6	4.6	9.6	9.7	9.8	17.8	17.9	17.8	57
3.7	3.6	3.6	17.1	18.5	18.8	5.5	5.4	5.3	14.0	13.7	13.7	30.5	30.5	30.3	58
7.1	7.2	7.0	16.3	16.9	16.9	3.6	3.6	3.6	11.9	12.0	12.4	13.1	13.5	13.6	59
25.2	25.5	25.6	84.4	85.7	86.0	23.2	23.6	23.5	71.7	73.6	73.4	82.6	86.7	85.9	60
21.3	21.5	21.5	71.9	73.1	73.3	21.0	21.3	21.2	59.3	60.5	60.5	71.5	74.5	73.7	61



**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	MAY 1975	ADD. 1976	MAY 1976 <sup>D</sup>	MAY 1975	ADD. 1976	MAY 1976 <sup>D</sup>	MAY 1975	ADD. 1976	MAY 1976 <sup>D</sup>	MAY 1975	ADD. 1976	MAY 1976 <sup>D</sup>
1 IDAHO <sup>4</sup>	268.1	271.8	276.6	3.6	3.3	3.3	16.4	15.9	16.5	46.6	47.9	48.4
2 Boise City <sup>4</sup>	60.5	63.2	63.8	(1)	(1)	(1)	5.3	5.4	5.6	6.2	6.3	6.5
3 ILLINOIS	4,424.9	4,419.6	4,434.0	25.0	25.3	25.5	181.2	168.8	177.5	1,211.9	1,205.8	1,201.3
4 Bloomington—Normal	45.5	46.5	(*)	(2)	(2)	(*)	1.4	1.2	(*)	6.9	6.9	(*)
5 Champaign—Urbana—Rantoul	66.2	67.6	(*)	(2)	(2)	(*)	2.5	2.4	(*)	6.0	6.2	(*)
6 Chicago—Gary	3,215.4	3,203.9	(*)	4.6	4.4	(*)	131.4	125.7	(*)	904.8	901.9	(*)
7 Chicago SMSA <sup>5</sup>	2,983.3	2,984.1	2,997.9	4.5	4.3	4.4	118.4	114.5	119.8	809.3	810.6	808.4
8 Davenport—Rock Island—Moline	150.6	153.2	(*)	(2)	(2)	(*)	5.7	5.9	(*)	47.8	48.0	(*)
9 Decatur	52.1	53.0	(*)	(2)	(2)	(*)	2.7	3.0	(*)	19.3	19.6	(*)
10 Peoria	143.7	144.1	(*)	(2)	(2)	(*)	7.6	7.7	(*)	52.2	50.9	(*)
11 Rockford	111.3	111.5	(*)	(2)	(2)	(*)	3.2	3.2	(*)	50.1	49.5	(*)
12 Springfield	78.5	78.2	(*)	(2)	(2)	(*)	4.3	3.4	(*)	8.9	8.4	(*)
13 INDIANA	1,915.2	1,979.1	1,977.1	7.6	8.1	8.5	78.9	77.6	80.3	632.2	672.0	672.4
14 Evansville	105.3	107.1	107.9	2.1	2.2	2.3	4.8	4.6	4.8	33.7	35.4	35.7
15 Fort Wayne	148.1	149.7	150.7	(1)	(1)	(1)	6.1	5.6	6.1	50.7	53.4	52.9
16 Gary—Hammond—East Chicago <sup>5</sup>	232.1	231.2	234.0	(1)	(1)	(1)	13.0	12.1	12.8	95.5	95.8	97.0
17 Indianapolis	446.9	446.0	446.2	(1)	(1)	(1)	16.3	17.3	12.8	116.9	120.1	119.0
18 Muncie	45.4	46.1	46.6	(1)	(1)	(1)	1.5	1.3	1.4	14.3	14.6	14.7
19 South Bend	90.4	101.0	99.3	(1)	(1)	(1)	3.7	3.5	3.6	29.3	30.9	29.6
20 Terre Haute	56.8	58.3	57.4	.9	1.0	1.0	2.2	2.0	2.1	15.5	16.0	16.0
21 IOWA	992.2	1,014.1	1,021.2	2.8	2.7	2.8	45.2	44.8	46.4	226.6	231.0	231.1
22 Cedar Rapids	73.4	74.5	75.2	(1)	(1)	(1)	2.7	3.1	3.2	26.4	27.1	27.3
23 Des Moines	154.8	156.2	155.3	(1)	(1)	(1)	6.7	6.7	7.0	24.9	24.0	21.7
24 Dubuque	30.6	39.2	39.6	(1)	(1)	(1)	1.5	1.1	1.2	15.5	15.4	15.6
25 Sioux City	49.2	49.5	50.1	(1)	(1)	(1)	3.6	3.2	3.1	11.4	12.0	12.7
26 Waterloo—Cedar Falls	57.2	57.8	58.0	(1)	(1)	(1)	2.1	2.0	2.1	20.6	20.3	20.4
27 KANSAS	793.4	825.6	826.3	10.8	10.5	10.5	37.8	40.3	41.3	158.2	162.5	159.8
28 Topeka	74.9	76.6	73.6	.1	.1	.1	2.2	2.7	2.8	10.5	10.8	7.8
29 Wichita	166.3	168.2	169.0	2.1	2.0	2.0	7.7	8.0	8.4	50.7	51.8	51.8
30 KENTUCKY	1,037.0	1,057.7	1,063.2	44.9	44.6	45.6	45.3	50.1	54.7	251.3	256.4	260.1
31 Lexington—Fayette	117.6	122.7	122.0	(1)	(1)	(1)	5.4	5.4	5.0	28.4	29.7	30.1
32 Louisville	346.8	347.8	351.2	(1)	(1)	(1)	13.3	12.8	13.7	104.8	105.4	105.2
33 LOUISIANA	1,196.4	1,207.7	1,208.4	55.5	55.3	55.2	89.5	90.3	90.5	180.3	180.9	181.8
34 Baton Rouge	152.9	158.2	157.8	.9	.9	.9	14.9	17.8	17.6	21.8	21.6	21.5
35 Lake Charles	47.8	48.2	48.1	1.3	1.3	1.3	5.3	4.5	4.5	10.5	10.8	10.5
36 Monroe	42.2	43.4	43.5	.3	.3	.4	3.8	3.8	3.7	6.9	6.8	6.8
37 New Orleans	418.7	423.9	422.8	15.4	15.2	15.2	26.9	26.5	26.7	49.7	50.0	50.0
38 Shreveport	122.6	125.8	125.3	4.4	4.4	4.4	7.7	8.2	7.7	24.5	25.5	25.6
39 MAINE	352.2	358.0	364.8	(1)	(1)	(1)	16.9	17.1	19.7	92.4	100.5	101.3
40 Lewiston—Auburn	29.6	30.1	30.5	(1)	(1)	(1)	1.1	1.0	1.1	10.6	11.3	11.4
41 Portland	75.6	76.2	76.9	(1)	(1)	(1)	3.2	3.0	3.4	15.1	16.1	15.9
42 MARYLAND <sup>6</sup>	1,413.3	1,433.7	1,445.2	1.7	1.7	1.7	86.7	87.0	89.9	222.8	230.0	231.8
43 Baltimore	833.0	848.1	853.7	.3	.3	.3	39.6	41.1	42.8	156.4	162.1	162.8
44 MASSACHUSETTS	2,316.9	2,343.8	2,354.0	(1)	(1)	(1)	81.9	67.0	70.5	588.1	604.2	604.9
45 Boston <sup>7</sup>	1,264.8	1,255.4	1,253.6	(1)	(1)	(1)	49.2	38.6	40.6	250.9	255.0	256.5
46 Brockton	49.8	50.7	51.0	-	-	-	1.6	1.4	1.4	11.7	11.6	11.8
47 Fall River	47.4	49.9	50.0	(1)	(1)	(1)	(1)	(1)	(1)	18.8	20.4	20.4
48 Lawrence—Haverhill	95.2	93.8	93.7	(1)	(1)	(1)	2.4	2.0	2.1	38.3	36.1	36.0
49 Lowell	58.4	60.6	60.8	(1)	(1)	(1)	2.1	1.7	1.8	19.0	20.5	20.5
50 New Bedford	56.4	59.1	59.1	(1)	(1)	(1)	1.3	1.1	.9	22.3	24.8	24.5
51 Springfield—Chicopee—Holyoke	209.3	213.7	212.5	(1)	(1)	(1)	6.2	5.8	6.0	61.2	63.4	62.4
52 Worcester	140.2	142.8	143.1	(1)	(1)	(1)	4.5	4.2	4.5	41.5	41.8	41.6
53 MICHIGAN	3,125.1	3,176.8	(*)	13.5	12.4	(*)	97.2	81.9	(*)	970.5	1,034.1	(*)
54 Ann Arbor	108.7	116.2	114.9	(1)	(1)	(1)	2.0	1.7	2.1	31.6	35.0	35.8
55 Battle Creek	61.4	62.6	62.9	(1)	(1)	(1)	1.3	1.4	1.5	22.5	22.8	22.9
56 Bay City	31.7	32.6	32.8	(1)	(1)	(1)	1.0	1.1	1.2	9.4	9.7	9.7
57 Detroit	1,561.9	1,596.0	1,608.1	1.1	1.2	1.2	47.4	40.4	41.7	508.5	563.2	547.4
58 Flint	164.7	175.8	(*)	(1)	(1)	(*)	3.9	3.3	(*)	65.6	73.1	(*)
59 Grand Rapids	211.2	214.5	217.2	(1)	(1)	(1)	8.6	7.6	8.4	67.0	70.7	71.1
60 Jackson	49.1	48.7	47.9	(1)	(1)	(1)	1.6	1.4	1.6	15.8	14.8	13.7
61 Kalamazoo—Portage	93.1	98.0	97.3	(1)	(1)	(1)	4.1	3.7	3.9	30.3	31.8	32.2
62 Lansing—East Lansing	158.3	163.4	166.7	(1)	(1)	(1)	5.0	4.4	5.0	33.3	37.6	38.2
63 Muskegon—Norton Shores—Muskeg. Hgts.	56.0	58.2	59.0	(1)	(1)	(1)	1.9	1.7	1.8	20.9	22.5	22.7

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	
16.2	16.4	16.6	67.6	68.8	69.8	11.3	11.7	11.9	43.4	45.8	46.5	63.0	62.9	63.5	1
3.8	3.9	3.9	15.7	17.0	17.0	4.0	4.1	4.1	9.8	10.2	10.3	15.7	16.3	16.4	2
283.5	279.1	281.5	994.2	1,014.4	1,017.6	254.9	251.5	251.8	777.4	789.3	793.8	696.6	685.5	684.8	3
3.0	3.2	(*)	10.1	10.4	(*)	6.2	6.2	(*)	7.0	6.9	(*)	10.9	11.7	(*)	4
2.5	2.6	(*)	13.6	14.3	(*)	1.7	1.8	(*)	9.5	10.1	(*)	30.4	30.3	(*)	5
216.4	209.7	(*)	722.9	728.0	(*)	201.5	198.4	(*)	595.6	600.3	(*)	438.3	435.6	(*)	6
201.9	196.3	195.8	680.3	695.7	702.4	194.0	190.7	191.0	569.9	569.9	574.1	409.0	402.1	402.0	7
7.9	7.7	(*)	36.8	37.5	(*)	6.0	6.2	(*)	21.8	22.3	(*)	24.6	25.6	(*)	8
4.4	4.4	(*)	9.9	10.0	(*)	2.1	2.3	(*)	8.5	8.5	(*)	5.2	5.3	(*)	9
7.4	7.5	(*)	31.5	32.1	(*)	6.1	6.3	(*)	22.7	23.6	(*)	16.2	16.2	(*)	10
4.1	4.1	(*)	23.5	23.6	(*)	3.4	3.4	(*)	15.3	15.6	(*)	11.8	12.1	(*)	11
4.4	4.4	(*)	15.2	15.5	(*)	6.1	6.4	(*)	14.3	14.2	(*)	25.4	26.1	(*)	12
100.2	99.7	100.2	417.1	420.2	424.4	89.0	88.6	88.7	271.9	273.2	275.5	318.3	330.7	327.0	13
5.7	5.6	5.6	24.4	24.6	24.6	3.7	3.6	3.7	19.0	19.1	19.2	11.9	12.0	12.0	14
9.5	9.4	9.6	35.5	35.1	35.5	8.6	8.6	8.7	22.4	22.3	22.6	15.3	15.3	15.3	15
14.5	13.9	14.0	42.6	42.0	42.4	7.5	7.5	7.6	29.7	30.9	31.1	29.3	29.0	29.1	16
26.9	26.8	26.9	105.9	105.1	105.4	32.3	32.0	32.0	68.9	68.3	68.7	79.7	81.4	81.4	17
1.9	1.9	1.9	10.0	10.0	10.1	1.5	1.5	1.5	6.1	6.2	6.3	10.1	10.6	10.7	18
4.8	4.8	4.8	23.4	23.3	23.5	5.6	5.3	5.4	20.7	21.1	21.3	11.9	12.1	12.1	19
4.1	4.0	4.0	13.4	13.3	13.3	1.8	1.8	1.8	8.4	8.6	8.5	10.5	11.6	10.7	20
54.7	54.6	54.5	244.8	250.4	253.7	47.2	47.0	47.4	178.5	182.9	184.6	192.4	200.7	200.5	21
3.7	3.6	3.6	15.2	15.4	15.6	3.4	3.5	3.5	12.4	12.8	12.9	9.5	9.1	9.1	22
10.5	10.6	10.6	38.8	39.3	40.3	17.4	17.3	17.4	30.2	30.4	30.7	26.3	27.9	27.8	23
1.6	1.6	1.6	7.9	8.0	8.0	1.1	1.1	1.1	8.4	8.5	8.6	3.6	3.5	3.5	24
3.7	3.6	3.6	11.9	11.9	11.9	2.4	2.5	2.5	9.9	10.0	10.1	6.2	6.3	6.3	25
2.3	2.3	2.2	12.0	12.4	12.5	1.6	1.6	1.6	8.6	8.8	8.9	10.0	10.4	10.4	26
54.5	56.0	56.5	187.4	198.9	200.9	37.5	39.2	39.4	132.9	139.1	139.9	174.3	179.1	178.0	27
7.1	7.2	7.0	16.4	16.0	16.2	5.2	5.4	5.4	13.3	13.6	13.7	20.2	20.8	20.6	28
8.4	8.4	8.3	36.7	37.2	37.4	7.9	8.0	8.1	30.6	30.6	30.8	22.3	22.2	22.2	29
59.3	59.0	59.5	213.2	214.7	212.4	41.7	41.8	41.8	166.2	167.8	168.9	215.1	223.3	220.2	30
6.0	5.6	5.5	25.4	26.0	25.9	5.2	5.3	5.4	18.4	19.8	19.4	28.7	30.9	30.7	31
21.5	22.1	22.1	76.8	75.1	75.9	19.7	19.9	20.1	61.3	61.5	63.2	49.4	51.0	51.0	32
97.4	97.5	97.2	274.6	277.8	277.4	58.6	59.2	59.2	193.5	196.4	196.7	247.0	250.3	250.4	33
8.6	9.0	8.9	29.3	30.4	30.3	8.2	8.7	8.7	21.3	20.9	21.0	47.9	48.9	48.9	34
2.7	2.9	2.9	10.5	10.7	10.7	2.0	2.2	2.2	7.2	7.6	7.9	8.3	8.2	8.1	35
2.6	2.6	2.6	10.9	11.6	11.6	3.0	3.1	3.1	6.3	6.2	6.3	8.4	9.0	9.0	36
44.1	43.5	43.1	104.8	107.7	107.1	25.9	25.8	25.8	83.2	85.9	85.5	68.7	69.3	69.4	37
10.5	10.0	9.9	29.8	30.7	30.6	5.6	5.6	5.6	20.2	20.8	21.0	19.9	20.6	20.5	38
17.6	16.4	16.8	73.3	71.6	73.1	14.0	13.9	14.0	58.1	58.1	59.1	79.9	80.4	80.8	39
1.1	1.1	1.1	6.7	6.5	6.7	1.3	1.3	1.3	5.9	5.9	5.9	2.9	3.0	3.0	40
4.7	4.5	4.7	19.1	19.3	19.2	6.0	5.8	5.9	14.6	14.5	14.9	12.9	13.0	12.9	41
79.1	78.3	78.8	352.2	356.4	359.8	79.3	78.2	78.9	286.3	291.3	294.1	305.2	310.8	310.2	42
54.5	54.3	54.7	190.7	192.1	193.2	48.1	46.9	47.5	156.7	159.1	160.3	186.7	192.2	192.1	43
114.7	112.3	112.8	522.4	531.3	534.7	138.7	136.9	137.3	505.3	522.9	526.8	365.7	369.2	367.0	44
71.1	67.8	67.8	286.7	284.6	282.8	92.5	91.3	91.5	320.7	324.9	321.5	193.7	193.2	192.9	45
3.7	3.6	3.6	14.3	14.5	14.6	1.7	1.6	1.6	7.9	8.3	8.4	8.9	9.7	9.6	46
1.9	1.9	1.9	9.5	10.0	10.0	(1)	(1)	(1)	11.6	11.8	11.9	5.6	5.8	5.8	47
3.6	3.3	3.3	18.5	18.9	19.1	3.3	3.3	3.3	14.4	14.5	14.7	14.7	15.7	15.2	48
2.4	2.5	2.5	13.2	13.2	13.3	1.9	1.9	1.9	9.9	10.1	10.2	9.9	10.7	10.6	49
2.7	2.5	2.6	10.8	10.9	11.1	(1)	(1)	(1)	11.7	12.1	12.3	7.6	7.7	7.7	50
8.7	8.4	8.4	45.3	45.0	45.2	11.3	11.2	11.2	36.7	37.2	37.6	39.9	42.7	41.7	51
6.1	7.2	7.2	30.6	30.0	30.2	8.0	7.8	7.9	26.2	27.4	27.3	23.3	24.4	24.4	52
142.9	143.8	(*)	654.9	655.2	(*)	128.8	128.5	(*)	522.7	516.4	(*)	594.6	604.4	(*)	53
2.3	2.4	2.3	15.6	16.4	16.5	3.1	3.3	3.4	15.8	16.3	16.5	38.2	41.1	38.3	54
2.3	2.3	2.3	9.7	10.2	10.3	3.8	3.8	3.8	9.6	9.8	9.8	12.2	12.3	12.3	55
1.9	1.8	1.8	7.7	8.2	8.2	1.0	1.0	1.0	5.7	5.8	5.9	5.0	5.0	5.0	56
76.3	77.8	77.2	319.1	316.6	320.0	75.3	75.0	75.3	280.4	280.7	284.2	253.9	262.2	261.1	57
5.3	6.4	(*)	33.3	35.3	(*)	4.9	5.1	(*)	23.8	23.6	(*)	28.1	29.2	(*)	58
8.9	9.1	9.2	51.6	51.2	52.5	8.0	8.1	8.1	36.9	37.6	37.8	30.3	30.1	30.3	59
4.2	4.2	4.2	9.2	9.2	9.3	1.5	1.5	1.5	8.5	8.8	8.8	8.4	8.9	8.9	60
3.0	3.1	3.1	18.1	19.1	19.3	3.1	3.1	3.2	16.5	16.9	17.1	17.9	20.2	18.6	61
3.9	3.9	3.9	28.6	28.6	29.2	7.4	7.6	7.7	22.4	22.9	23.3	57.7	58.4	59.4	62
2.9	2.9	3.0	10.2	10.3	10.6	1.5	1.5	1.6	8.4	8.7	8.8	10.3	10.7	10.7	63

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8 Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P
<b>MICHIGAN—Continued</b>												
1 Saginaw	76.5	81.2	81.7	(1)	(1)	(1)	2.1	2.1	2.3	28.4	31.4	31.5
<b>MINNESOTA</b>												
2 Duluth—Superior	1,474.0	1,491.2	1,513.1	14.4	13.7	14.4	61.1	60.2	67.5	308.6	308.8	311.3
3 Minneapolis—St. Paul	55.3	56.1	56.3	(1)	(1)	(1)	2.0	2.3	2.5	7.6	7.6	7.4
4 Minneapolis—St. Paul	901.0	906.7	917.8	(1)	(1)	(1)	34.8	34.1	36.8	201.7	199.7	201.0
<b>MISSISSIPPI</b>												
5 Jackson	662.1	683.8	687.7	6.2	6.3	6.3	36.4	36.5	37.4	192.2	208.2	209.4
6 Jackson	114.4	116.2	116.4	.8	.9	.9	6.0	5.0	5.2	16.7	17.1	17.4
<b>MISSOURI</b>												
7 Kansas City	1,730.5	1,746.3	1,753.3	8.8	8.4	8.3	70.6	66.9	68.1	398.2	413.8	414.9
8 St. Joseph	541.9	545.4	553.1	.6	.6	.6	26.2	18.6	25.3	105.8	110.8	110.3
9 St. Louis	34.8	35.5	35.6	(2)	(2)	(2)	1.8	1.7	1.7	9.2	9.4	9.6
10 St. Louis	897.2	900.7	904.1	3.0	3.0	3.0	26.0	30.5	31.4	240.4	243.4	245.5
11 Springfield	69.2	71.5	72.0	.2	.2	.2	2.9	2.5	2.5	16.7	17.4	17.4
<b>MONTANA</b>												
12 Billings	237.9	240.5	242.2	6.9	5.8	5.8	17.3	11.1	11.0	21.0	21.8	21.9
13 Great Falls	38.6	39.4	39.4	(1)	(1)	(1)	1.9	2.0	2.0	3.3	3.3	3.3
14 Great Falls	27.2	27.3	27.5	(1)	(1)	(1)	1.5	1.4	1.5	1.6	1.7	1.7
<b>NEBRASKA</b>												
15 Lincoln	556.4	559.3	(*)	1.6	1.5	(*)	29.3	26.4	(*)	84.7	87.0	(*)
16 Omaha	87.7	89.3	(*)	-	-	(*)	4.7	4.3	(*)	12.4	13.3	(*)
17 Omaha	234.2	232.9	(*)	(2)	(2)	(*)	11.3	11.1	(*)	33.8	33.4	(*)
<b>NEVADA</b>												
18 Las Vegas	263.1	271.8	276.6	4.3	3.7	3.7	12.1	13.2	13.9	12.1	12.9	12.9
19 Reno	143.4	147.4	149.4	.2	.2	.2	6.9	7.5	7.7	5.0	5.4	5.5
20 Reno	73.6	77.6	79.2	.3	.3	.3	3.5	4.1	4.4	4.7	5.1	5.1
<b>NEW HAMPSHIRE</b>												
21 Manchester	289.1	296.1	302.2	.4	.4	.4	13.2	11.6	13.4	83.7	90.2	91.0
22 Manchester	55.8	56.6	57.7	(1)	(1)	(1)	2.4	1.9	2.3	15.5	16.4	16.6
<b>NEW JERSEY</b>												
23 Atlantic City	2,649.7	2,648.1	2,664.2	2.8	2.9	2.9	79.1	84.6	84.1	728.4	726.6	730.0
24 Camden	63.7	59.6	61.9	-	-	-	2.4	2.7	2.7	8.9	7.5	7.9
25 Hackensack	281.5	282.9	285.1	.1	.1	.1	10.9	12.9	13.0	62.4	62.0	62.2
26 Jersey City	340.6	336.0	336.6	(1)	(1)	(1)	11.1	11.1	10.7	98.7	100.1	100.4
27 Long Branch—Asbury Park	230.4	230.6	231.3	-	-	-	3.8	3.5	3.7	75.6	74.9	74.9
28 New Brunswick—Perth Amboy—Sayreville	134.6	135.3	137.7	(1)	(1)	(1)	3.7	3.8	4.0	20.5	22.4	22.7
29 Newark	237.2	236.8	237.6	(1)	(1)	(1)	8.2	8.1	8.9	80.0	77.3	77.3
30 Paterson—Clifton—Passaic	943.3	835.4	838.9	.9	.8	.8	26.6	26.5	27.7	231.0	229.9	231.2
31 Trenton	172.1	174.6	175.8	(1)	(1)	(1)	4.0	4.6	4.6	62.0	63.8	64.7
32 Vineland—Millville—Bridgeton	146.2	152.7	152.6	(1)	(1)	(1)	2.7	2.7	2.7	35.1	37.1	37.1
33 Vineland—Millville—Bridgeton	49.2	49.6	50.1	(1)	(1)	(1)	1.3	1.5	1.4	17.4	17.8	18.0
<b>NEW MEXICO</b>												
34 Albuquerque	362.5	380.9	386.5	19.9	21.0	21.0	23.5	24.6	25.4	26.6	29.1	29.7
35 Albuquerque	142.1	152.2	154.6	(1)	(1)	(1)	9.4	9.3	9.8	14.3	15.4	15.9
<b>NEW YORK</b>												
36 Albany—Schenectady—Troy	6,839.0	6,700.2	(*)	7.8	7.3	(*)	215.7	189.2	(*)	1,401.8	1,404.4	(*)
37 Binghamton	309.3	302.9	(*)	(1)	(1)	(*)	11.3	9.6	(*)	59.9	60.3	(*)
38 Buffalo	107.1	107.3	(*)	(1)	(1)	(*)	4.6	3.5	(*)	38.4	38.6	(*)
39 Elmira	482.4	479.9	(*)	(1)	(1)	(*)	16.2	13.2	(*)	139.7	141.1	(*)
40 Monroe County <sup>10</sup>	36.6	36.6	(*)	(1)	(1)	(*)	1.3	1.1	(*)	12.9	12.3	(*)
41 Nassau—Suffolk <sup>11</sup>	312.8	313.5	(*)	(1)	(1)	(*)	10.2	8.0	(*)	123.6	123.7	(*)
42 New York—Northeastern New Jersey	790.3	788.5	(*)	(1)	(1)	(*)	35.2	28.8	(*)	139.2	137.0	(*)
43 New York and Nassau—Suffolk <sup>9</sup>	6,312.6	6,190.7	(*)	2.4	2.4	(*)	190.0	169.9	(*)	1,292.2	1,288.2	(*)
44 New York City <sup>12</sup>	4,499.4	4,375.7	(*)	1.9	1.9	(*)	136.4	115.6	(*)	744.9	741.4	(*)
45 Poughkeepsie	3,699.0	3,587.2	(*)	1.8	1.8	(*)	101.2	86.8	(*)	605.7	604.4	(*)
46 Rochester	3,310.1	3,199.9	(*)	1.5	1.5	(*)	84.1	73.0	(*)	528.7	526.5	(*)
47 Rockland County <sup>12</sup>	88.1	86.1	(*)	(1)	(1)	(*)	3.1	2.7	(*)	28.9	27.2	(*)
48 Syracuse	381.9	382.7	(*)	(1)	(1)	(*)	12.4	9.6	(*)	140.2	141.0	(*)
49 Utica—Rome	72.1	72.0	(*)	(1)	(1)	(*)	2.2	1.7	(*)	13.5	13.8	(*)
50 Westchester County <sup>12</sup>	233.5	236.9	(*)	(1)	(1)	(*)	10.0	9.7	(*)	52.2	54.1	(*)
51 Westchester County <sup>12</sup>	110.1	107.4	(*)	(1)	(1)	(*)	3.0	2.2	(*)	30.6	30.2	(*)
52 Westchester County <sup>12</sup>	306.7	305.1	(*)	(1)	(1)	(*)	14.0	11.3	(*)	62.5	63.2	(*)
<b>NORTH CAROLINA</b>												
53 Asheville	1,982.2	2,033.5	2,036.3	3.9	3.7	3.8	117.2	114.8	115.3	722.7	769.1	762.0
54 Charlotte—Gastonia	59.0	61.0	61.3	(1)	(1)	(1)	3.5	3.8	3.8	17.4	18.9	19.0
55 Greensboro—Winston-Salem—High Pt.	269.7	274.6	275.3	(1)	(1)	(1)	16.3	14.9	15.0	78.3	82.4	82.7
56 Raleigh—Durham	325.5	332.7	333.1	(1)	(1)	(1)	15.4	14.7	15.2	131.4	134.2	134.6
57 Raleigh—Durham	211.6	213.4	213.1	(1)	(1)	(1)	12.6	11.9	11.8	34.6	35.2	35.4
<b>NORTH DAKOTA</b>												
58 Fargo—Moorhead	202.1	207.0	211.5	1.9	2.5	2.3	12.8	12.8	14.4	16.1	15.7	15.8
59 Fargo—Moorhead	52.4	53.8	55.3	.1	.1	.1	3.1	2.7	3.3	4.6	4.6	4.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	
3.7	4.0	3.9	15.8	16.8	16.9	3.2	3.2	3.2	12.4	12.6	12.6	11.0	11.1	11.2	1
90.3	92.1	92.6	371.7	375.6	380.2	75.1	75.0	75.6	277.5	289.3	291.9	275.3	276.5	279.6	2
6.5	6.8	7.0	14.4	14.4	14.3	2.0	2.1	2.1	11.2	11.6	11.6	11.7	11.3	11.5	3
58.1	60.4	60.5	223.8	227.6	229.3	55.4	55.7	56.1	178.9	182.6	185.6	148.2	146.5	148.5	4
34.3	33.7	33.7	130.5	132.3	133.2	27.4	27.7	27.8	87.9	88.2	88.8	147.2	150.8	151.0	5
7.3	7.2	7.0	27.0	27.6	27.3	9.2	9.4	9.4	22.3	23.1	23.1	25.0	26.0	26.0	6
122.7	122.7	123.3	406.6	406.5	408.6	93.2	93.2	93.6	308.8	313.0	315.8	321.6	321.8	320.7	7
49.5	50.0	50.2	137.8	139.4	140.8	36.2	36.4	36.5	101.3	104.7	105.5	84.5	84.9	83.9	8
2.3	2.3	2.3	8.2	8.7	8.7	1.7	1.6	1.6	6.0	6.1	6.0	5.6	5.7	5.7	9
64.9	64.9	64.8	202.7	200.9	201.5	49.2	49.4	49.5	177.6	176.8	177.0	133.4	131.8	131.4	10
5.0	5.1	5.1	18.4	19.1	19.3	2.7	2.7	2.7	13.0	13.8	14.0	10.3	10.7	10.8	11
18.9	19.2	19.2	59.4	59.3	60.3	10.1	10.4	10.5	44.4	45.3	45.2	64.9	67.6	68.3	12
3.5	3.3	3.3	12.6	13.0	13.0	1.9	2.1	2.0	8.0	8.3	8.3	7.4	7.4	7.5	13
2.0	1.3	1.3	8.3	8.5	8.6	1.9	1.9	1.9	5.9	6.4	6.4	6.0	6.1	6.1	14
39.7	41.0	(*)	141.2	145.1	(*)	33.8	34.5	(*)	100.7	100.5	(*)	125.4	123.3	(*)	15
5.6	5.8	(*)	18.3	18.3	(*)	6.0	6.2	(*)	14.9	15.1	(*)	25.8	26.2	(*)	16
21.8	20.9	(*)	59.6	58.6	(*)	19.7	20.1	(*)	48.1	48.1	(*)	39.9	40.7	(*)	17
17.0	17.5	17.6	51.0	53.1	54.9	10.5	10.8	11.0	109.7	112.9	114.8	46.4	47.7	47.8	18
9.1	9.5	9.5	27.7	29.2	30.1	5.6	5.7	5.7	69.1	69.6	70.3	19.8	20.3	20.4	19
5.5	5.7	5.8	16.1	16.2	16.8	3.9	4.0	4.0	25.8	27.9	28.4	13.8	14.3	14.4	20
12.2	11.9	11.9	63.2	63.7	65.4	14.0	14.0	14.1	54.8	55.5	57.1	47.6	48.8	48.9	21
3.6	3.5	3.5	13.1	13.2	13.5	3.9	3.9	3.9	10.6	10.7	10.9	6.7	7.0	7.0	22
173.9	179.0	177.2	584.8	582.9	590.9	135.3	136.4	136.7	474.5	464.4	474.4	470.9	471.3	468.0	23
3.3	3.1	3.1	17.1	15.4	16.4	3.7	3.9	3.9	15.3	14.4	15.3	13.0	12.6	12.6	24
14.8	13.4	13.8	73.6	73.2	73.8	13.4	13.2	13.3	51.2	53.5	54.3	55.1	54.6	54.6	25
17.3	16.9	16.7	97.1	96.2	96.5	13.6	14.1	14.2	61.3	59.6	60.5	41.5	38.0	37.6	26
29.6	29.3	29.6	42.5	42.7	42.8	8.5	9.0	9.0	28.5	28.1	28.0	41.9	43.1	43.3	27
5.7	5.8	6.0	33.5	33.3	34.2	5.5	5.5	5.5	31.4	30.5	31.4	34.3	34.0	33.9	28
17.4	16.3	16.3	51.1	53.2	53.5	6.5	7.2	7.3	30.2	30.9	31.3	43.8	43.8	43.0	29
63.5	63.7	63.5	162.8	158.5	159.7	60.4	59.4	59.6	156.7	155.1	156.4	141.9	141.5	140.0	30
6.2	5.9	5.9	39.6	39.7	39.9	8.5	8.4	8.4	27.2	28.2	28.4	24.6	24.0	23.9	31
5.3	5.0	4.9	21.7	22.8	23.1	6.3	6.3	6.3	36.0	36.8	36.9	39.1	42.0	41.6	32
3.1	3.0	3.0	7.6	7.5	7.6	2.6	2.5	2.5	7.1	7.0	7.2	10.1	10.3	10.5	33
22.9	23.0	23.2	80.3	84.7	86.6	16.5	17.1	17.3	66.7	71.4	72.4	106.1	110.0	110.9	34
8.3	8.4	8.5	34.9	38.8	39.4	8.4	8.7	8.7	32.3	34.9	35.3	34.8	36.7	37.0	35
432.6	425.7	(*)	1,392.5	1,373.5	(*)	579.5	578.8	(*)	1,447.6	1,444.7	(*)	1,361.5	1,276.7	(*)	36
15.2	14.6	(*)	61.9	58.9	(*)	13.6	13.6	(*)	57.9	60.0	(*)	89.5	85.8	(*)	37
4.6	4.6	(*)	19.1	19.9	(*)	3.6	3.7	(*)	13.9	14.0	(*)	22.9	23.0	(*)	38
27.3	26.8	(*)	104.6	105.9	(*)	19.4	19.7	(*)	86.6	87.4	(*)	88.5	85.9	(*)	39
1.4	1.5	(*)	7.9	7.8	(*)	1.0	1.0	(*)	6.1	6.2	(*)	6.8	6.7	(*)	40
9.5	10.4	(*)	56.8	57.2	(*)	13.5	13.8	(*)	59.0	60.8	(*)	40.2	39.7	(*)	41
34.8	34.1	(*)	206.3	208.2	(*)	42.3	43.6	(*)	163.9	166.9	(*)	168.6	169.8	(*)	42
460.1	449.8	(*)	1,321.9	1,315.1	(*)	581.5	581.6	(*)	1,333.7	1,329.6	(*)	1,130.8	1,054.1	(*)	43
326.2	317.7	(*)	929.2	924.8	(*)	483.9	483.5	(*)	1,029.5	1,027.5	(*)	837.3	763.2	(*)	44
291.3	283.5	(*)	722.9	716.6	(*)	441.7	439.9	(*)	865.7	860.7	(*)	668.7	593.4	(*)	45
269.0	261.6	(*)	635.0	627.1	(*)	421.9	419.5	(*)	775.9	769.9	(*)	594.0	520.8	(*)	46
2.7	2.7	(*)	14.7	15.0	(*)	2.5	2.5	(*)	15.1	15.3	(*)	21.1	20.8	(*)	47
12.1	13.0	(*)	72.8	73.7	(*)	15.1	15.7	(*)	69.2	70.3	(*)	60.2	59.5	(*)	48
3.8	3.6	(*)	15.4	16.1	(*)	2.4	2.5	(*)	15.2	15.2	(*)	19.5	19.2	(*)	49
13.6	13.8	(*)	52.1	53.3	(*)	14.2	14.4	(*)	44.3	45.0	(*)	47.2	47.1	(*)	50
4.0	3.9	(*)	20.0	19.7	(*)	5.0	4.8	(*)	18.2	18.3	(*)	29.3	28.5	(*)	51
18.0	17.8	(*)	69.9	70.6	(*)	17.0	17.5	(*)	72.6	73.7	(*)	52.6	51.0	(*)	52
99.1	99.7	100.1	370.3	373.4	373.8	86.1	86.1	86.0	264.2	267.0	267.3	318.7	328.7	328.0	53
3.3	3.1	3.1	12.5	12.5	12.6	2.5	2.4	2.6	10.5	10.7	10.7	9.3	9.6	9.5	54
23.2	24.0	24.0	64.5	64.5	64.5	17.7	17.7	17.7	37.3	37.3	37.4	32.4	33.8	33.8	55
18.8	19.1	19.3	59.5	60.5	60.7	15.4	15.3	15.0	43.8	45.0	45.1	41.2	43.9	43.2	56
10.4	10.2	10.3	40.7	40.1	40.1	14.1	13.5	13.7	40.3	41.9	41.5	58.9	60.6	60.3	57
12.6	12.7	13.0	55.3	57.4	58.7	8.6	9.0	9.1	39.9	41.4	41.8	55.0	55.7	56.5	58
3.4	3.4	3.5	16.0	16.5	16.8	3.0	3.1	3.1	11.1	11.8	11.9	11.4	11.8	11.9	59

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>
1 OHIO .....	4,013.2	4,048.5	4,061.9	26.4	28.2	29.2	145.8	136.7	141.5	1,245.9	1,273.8	1,266.1
2 Akron .....	247.9	245.2	235.9	.2	.2	.2	7.2	6.6	7.0	83.2	82.7	72.0
3 Canton .....	145.9	146.8	147.7	.6	.6	.6	4.9	4.9	5.1	55.8	54.4	54.7
4 Cincinnati .....	532.1	536.1	540.4	.4	.4	.4	21.5	19.8	20.9	151.0	152.5	153.3
5 Cleveland .....	849.3	855.3	857.6	1.5	1.4	1.3	79.4	27.2	28.0	255.2	257.1	256.6
6 Columbus .....	446.5	447.2	449.2	.7	.7	.7	16.1	14.7	15.2	91.5	91.6	92.5
7 Dayton .....	318.5	322.0	324.1	.4	.3	.3	10.6	9.5	10.1	96.6	101.3	101.2
8 Toledo .....	274.9	277.9	278.8	.6	.6	.6	11.0	9.6	10.0	79.4	83.4	83.0
9 Youngstown—Warren .....	204.0	201.4	203.9	.4	.3	.3	5.6	5.2	5.6	82.3	80.3	81.7
10 OKLAHOMA .....	886.6	902.5	906.9	39.9	40.5	41.1	42.9	43.2	43.3	147.1	151.2	150.5
11 Oklahoma City .....	311.5	314.3	316.3	8.6	9.1	9.1	16.7	16.2	16.7	39.3	38.4	38.5
12 Tulsa .....	222.3	226.7	229.1	13.6	14.2	14.3	13.4	12.5	13.0	50.0	50.6	50.8
13 OREGON .....	824.7	848.4	858.8	1.5	1.2	1.4	33.7	32.1	34.4	177.4	181.4	185.3
14 Eugene—Springfield .....	82.4	86.5	87.5	(1)	(1)	(1)	3.4	3.3	3.4	17.8	19.0	19.2
15 Jackson County .....	—	—	—	—	—	—	—	—	—	6.6	6.6	7.0
16 Portland .....	434.0	445.9	449.3	(1)	(1)	(1)	16.6	16.8	17.9	88.6	90.3	91.1
17 Salem .....	66.5	68.5	69.3	(1)	(1)	(1)	3.1	3.1	3.3	10.9	10.4	10.7
18 PENNSYLVANIA .....	4,416.9	4,426.5	4,443.1	46.7	48.3	48.5	179.1	182.1	188.0	1,325.2	1,329.8	1,327.1
19 Allentown—Bethlehem—Easton .....	248.7	249.9	249.7	.9	1.0	1.1	19.0	10.1	9.9	106.8	106.8	106.0
20 Altoona .....	49.3	48.0	49.6	(1)	(1)	(1)	2.2	1.7	2.0	17.7	12.9	13.0
21 Delaware Valley <sup>13</sup> .....	1,490.6	1,502.7	1,497.3	1.1	1.0	.9	54.9	55.4	55.4	386.0	388.3	385.8
22 Erie .....	108.5	107.2	108.4	(1)	(1)	(1)	3.2	2.6	2.8	44.1	41.0	42.2
23 Harrisburg .....	199.8	202.2	203.6	(1)	(1)	(1)	9.4	9.5	9.8	36.9	38.5	38.2
24 Johnstown .....	84.9	85.9	86.6	8.2	8.6	8.6	2.2	2.1	2.3	23.0	22.9	22.7
25 Lancaster .....	131.1	132.6	134.1	(1)	(1)	(1)	6.7	6.3	6.5	51.9	52.7	53.3
26 Northeast Pennsylvania .....	223.1	223.8	226.5	1.1	1.1	1.1	10.4	10.9	11.5	70.7	71.7	71.8
27 Philadelphia SMSA .....	1,772.1	1,785.4	1,783.0	1.2	1.1	1.0	65.8	68.3	68.5	448.4	450.1	448.2
28 Philadelphia City <sup>14</sup> .....	805.9	812.2	810.6	—	—	—	20.3	21.1	21.2	163.6	165.9	165.9
29 Pittsburgh .....	885.4	874.5	876.7	10.6	11.1	11.1	37.5	35.7	37.0	253.4	246.2	247.7
30 Reading .....	125.2	129.8	129.5	(1)	(1)	(1)	4.2	4.8	4.9	46.7	49.4	48.0
31 Scranton <sup>15</sup> .....	80.5	89.6	81.3	—	—	—	2.4	2.1	2.3	26.3	26.7	26.7
32 Wilkes-Barre—Hazleton <sup>16</sup> .....	118.2	120.4	121.3	1.0	1.0	.9	6.8	7.9	8.3	39.7	41.0	40.7
33 Williamsport .....	43.4	43.6	43.6	(1)	(1)	(1)	1.5	1.3	1.3	17.4	17.8	17.9
34 York .....	128.9	131.6	132.5	(1)	(1)	(1)	5.8	5.9	6.0	53.7	56.6	56.6
35 RHODE ISLAND .....	340.6	343.2	345.5	(1)	(1)	(1)	10.0	9.4	9.9	106.8	112.3	113.1
36 Providence—Warwick—Pawtucket .....	351.4	355.2	357.8	(1)	(1)	(1)	10.2	9.6	10.1	118.7	125.3	126.4
37 SOUTH CAROLINA .....	968.7	1,016.8	1,024.8	2.0	1.8	1.9	62.0	57.7	58.7	328.1	362.1	366.1
38 Charleston—North Charleston <sup>18</sup> .....	114.0	119.4	119.2	(1)	(1)	(1)	8.7	10.2	10.4	14.3	16.2	16.5
39 Columbia <sup>19</sup> .....	141.8	146.4	146.8	(1)	(1)	(1)	7.6	7.3	7.5	21.1	22.6	22.6
40 Greenville—Spartanburg <sup>20</sup> .....	219.3	229.5	231.3	(1)	(1)	(1)	14.9	15.0	15.0	91.8	98.5	100.0
41 SOUTH DAKOTA .....	210.6	213.4	217.7	2.5	2.6	2.6	9.2	8.5	9.4	19.9	21.1	21.6
42 Rapid City .....	24.2	24.3	24.8	(2)	(2)	(2)	2.0	1.7	1.9	2.1	2.2	2.3
43 Sioux Falls .....	44.5	45.2	46.6	(2)	(2)	(2)	2.2	2.4	2.5	6.3	6.5	6.8
44 TENNESSEE .....	1,487.0	1,521.6	1,514.2	9.2	9.2	9.5	72.5	64.8	59.9	444.1	471.8	471.0
45 Chattanooga .....	148.3	154.9	155.0	.9	.8	.8	5.1	5.7	5.4	51.5	55.0	55.1
46 Knoxville .....	168.8	175.9	170.2	1.8	1.6	1.6	9.5	9.2	3.0	45.1	47.9	48.1
47 Memphis .....	317.6	318.2	314.2	.2	.2	.2	15.2	12.7	11.7	56.1	57.5	55.3
48 Nashville—Davidson .....	289.6	297.4	297.3	(1)	(1)	(1)	16.8	15.0	14.9	70.1	75.4	75.5
49 TEXAS .....	4,395.5	4,501.1	4,507.6	128.2	131.9	132.7	278.6	279.6	280.2	794.3	823.4	823.4
50 Amarillo .....	62.1	63.0	64.0	(1)	(1)	(1)	4.4	3.6	4.1	7.0	8.9	9.1
51 Austin .....	167.1	173.9	172.7	(1)	(1)	(1)	10.7	11.1	10.7	14.4	15.7	15.8
52 Beaumont—Port Arthur—Orange .....	126.4	134.2	134.8	(1)	(1)	(1)	7.1	12.1	12.7	41.5	42.1	41.9
53 Corpus Christi .....	97.3	98.6	98.7	3.6	3.6	3.6	7.9	8.1	8.1	11.4	11.6	11.6
54 Dallas—Fort Worth .....	1,072.1	1,083.8	1,086.2	12.1	12.4	12.3	43.9	43.4	43.6	234.8	244.3	244.6
55 El Paso .....	128.7	131.5	132.3	(1)	(1)	(1)	7.7	5.9	6.0	27.6	29.4	29.3
56 Galveston—Texas City .....	61.3	61.6	62.4	(1)	(1)	(1)	4.1	2.8	3.0	11.6	12.0	12.1
57 Houston .....	989.9	1,023.2	1,024.4	43.2	44.2	44.4	90.2	97.1	96.7	173.1	175.2	174.9
58 Lubbock .....	70.9	72.4	72.2	(1)	(1)	(1)	4.5	3.5	3.5	9.6	10.2	10.2
59 San Antonio .....	309.8	316.3	316.9	1.6	1.6	1.7	18.7	18.9	18.9	36.3	39.4	39.6
60 Waco .....	55.2	56.8	56.9	(1)	(1)	(1)	3.1	2.8	2.9	12.0	12.9	12.9
61 Wichita Falls .....	43.6	44.0	44.2	2.2	2.2	2.2	1.7	1.8	1.8	7.1	7.1	7.2
62 UTAH .....	438.4	454.7	459.8	13.0	13.2	13.1	22.6	23.2	26.1	66.4	66.5	67.7
63 Salt Lake City—Ogden .....	318.0	329.0	332.2	6.0	6.1	6.1	16.1	16.4	18.2	45.0	46.1	46.0

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	
215.1	209.4	206.6	863.2	865.6	872.7	175.9	178.1	179.2	700.0	717.8	727.9	641.0	638.8	639.8	1
14.0	13.6	13.5	51.7	51.6	52.0	8.0	7.9	8.0	43.0	42.2	42.9	40.5	40.4	40.4	2
6.9	6.7	6.7	31.2	32.2	32.4	5.1	5.1	5.1	24.6	25.8	25.9	16.8	17.1	17.3	3
31.2	30.1	29.4	118.7	119.6	120.3	28.4	28.2	28.3	101.6	104.4	106.9	79.2	81.1	80.9	4
47.7	46.4	45.6	194.5	195.3	196.4	43.3	44.0	44.0	159.6	162.6	164.3	118.3	121.2	121.4	5
21.6	21.2	20.8	103.8	105.8	106.3	30.9	31.8	31.9	85.3	88.0	88.5	96.6	93.3	93.3	6
11.8	11.6	11.5	65.5	64.9	65.8	11.6	11.8	11.8	57.6	59.5	59.4	64.3	64.0	64.0	7
17.9	17.4	17.2	62.2	61.7	62.2	9.3	9.5	9.5	49.8	51.1	51.5	44.7	44.6	44.9	8
10.3	9.9	9.8	41.4	40.6	41.0	6.5	6.6	6.6	33.3	34.9	35.2	24.3	23.4	23.7	9
55.0	54.9	55.3	208.5	214.1	216.6	46.5	47.7	48.0	141.2	145.0	146.7	205.5	205.9	205.4	10
19.6	19.8	19.9	76.7	79.1	79.9	20.6	20.1	20.2	49.2	50.2	50.7	80.8	81.4	81.3	11
17.7	18.1	18.1	52.1	54.0	54.6	12.7	13.6	13.7	38.7	40.2	41.0	24.1	23.5	23.6	12
49.0	50.3	50.4	193.4	202.6	204.3	44.4	46.5	47.3	144.9	150.7	152.1	180.4	183.6	183.6	13
4.3	4.4	4.5	19.4	20.4	20.7	3.5	3.6	3.6	14.2	15.0	15.2	19.8	20.8	20.9	14
29.9	30.3	30.4	108.9	112.0	113.3	30.2	31.4	31.7	84.3	88.4	88.4	75.5	76.7	76.5	15
2.3	2.3	2.3	13.4	13.7	13.9	3.7	3.8	3.8	10.5	11.0	11.0	23.5	24.2	24.3	16
256.2	254.6	255.3	890.7	890.8	894.5	208.5	210.0	210.8	803.8	812.9	819.9	706.7	699.0	699.0	18
12.8	12.5	12.4	43.1	42.5	42.8	7.5	7.8	8.0	36.2	37.0	37.2	31.4	32.2	32.3	19
7.5	7.5	7.5	10.4	10.6	10.7	1.4	1.4	1.5	7.5	7.5	7.6	7.6	7.3	7.3	20
81.3	81.4	81.3	311.5	312.3	312.5	96.0	95.6	95.6	320.4	333.7	330.6	239.4	235.0	235.2	21
5.0	4.9	4.8	20.1	19.3	19.6	4.3	4.6	4.7	17.7	18.5	18.8	14.1	15.4	15.5	22
14.4	14.4	14.4	41.0	41.1	41.5	10.6	11.0	11.1	32.6	33.1	34.3	54.9	54.6	54.3	23
5.6	5.3	5.3	15.9	16.5	16.7	2.9	3.2	3.2	13.4	13.8	14.0	13.7	13.5	13.8	24
5.8	5.9	5.9	27.5	27.9	28.2	4.3	4.2	4.3	21.6	22.0	22.2	13.3	13.6	13.7	25
11.7	11.5	11.6	45.9	45.8	46.5	8.8	8.8	8.9	38.0	37.9	39.0	36.5	36.1	36.1	26
96.2	94.8	95.2	385.1	385.5	386.4	109.4	108.8	109.0	371.6	387.2	384.9	294.4	289.6	289.8	27
56.2	55.8	55.8	155.5	152.6	153.8	65.5	65.1	65.2	190.4	200.8	198.8	154.4	150.9	150.0	28
57.2	55.9	56.3	186.5	187.3	187.0	41.9	42.3	42.5	173.9	175.2	175.1	124.4	120.8	119.9	29
6.4	5.9	5.9	24.8	25.4	25.3	5.0	4.9	5.0	19.7	19.9	20.1	18.4	19.5	19.4	30
4.8	4.8	4.9	17.9	18.0	18.1	3.2	3.2	3.2	15.1	15.2	15.5	10.8	10.6	10.6	31
6.0	5.7	5.7	23.7	23.8	24.3	4.8	4.9	5.0	16.9	17.1	17.4	19.3	19.0	19.0	32
2.0	2.0	2.0	8.3	8.0	8.0	1.9	2.0	2.0	6.9	7.1	7.0	5.4	5.4	5.4	33
5.8	5.6	5.5	26.1	26.0	26.1	3.1	3.0	3.1	17.5	17.0	17.3	16.8	17.5	17.9	34
12.8	13.3	13.3	71.2	70.0	70.8	17.8	17.7	17.8	66.0	64.6	64.8	56.0	55.9	55.8	36
12.8	13.3	13.3	73.9	72.6	73.4	18.0	17.9	18.0	65.2	63.9	64.1	52.6	52.6	52.5	38
40.3	41.6	42.0	173.9	179.9	182.0	39.2	39.1	39.4	123.2	126.5	127.3	200.0	208.1	207.4	37
6.7	6.9	7.0	24.2	24.8	25.2	4.8	5.0	5.1	16.0	16.3	16.2	39.3	39.0	38.8	38
8.0	8.2	8.2	28.6	29.6	29.6	10.7	10.9	10.9	20.9	21.2	21.3	44.9	46.6	46.7	39
8.7	8.9	9.0	39.0	40.7	40.8	8.2	8.1	8.1	30.0	30.3	30.3	26.7	28.0	28.1	40
12.2	12.2	12.2	54.9	54.9	56.6	8.9	9.0	9.0	45.2	47.5	48.4	57.8	57.6	57.9	41
1.6	1.6	1.6	6.5	6.5	6.8	1.1	1.2	1.2	5.3	5.2	5.2	5.6	5.9	5.8	42
4.4	4.2	4.2	13.2	13.1	13.3	2.2	2.2	2.2	9.8	10.3	10.6	6.4	6.5	7.0	43
70.2	72.0	72.3	312.5	318.4	317.9	68.6	65.0	65.2	239.0	235.5	236.5	270.9	284.9	281.9	44
5.4	5.4	5.4	28.0	29.3	29.3	8.6	8.4	8.4	22.5	22.4	22.7	26.3	27.9	27.9	45
6.8	7.3	7.4	36.1	37.7	37.8	6.7	6.8	6.9	25.0	25.5	25.5	37.8	39.9	39.9	46
20.8	20.8	20.9	83.6	85.2	85.1	19.1	18.2	18.2	59.6	59.6	60.4	63.0	64.0	62.4	47
15.7	16.3	16.5	66.5	68.4	68.4	19.6	19.4	19.4	53.9	54.2	53.9	47.0	48.7	48.7	48
288.5	290.4	289.6	1,068.8	1,091.2	1,094.6	255.2	259.6	259.8	764.3	777.0	779.3	817.6	848.0	848.0	40
5.7	6.2	6.2	19.8	19.4	19.4	3.1	3.1	3.2	11.5	11.3	11.5	10.6	10.5	10.5	50
5.7	5.8	5.8	32.7	33.9	33.9	9.1	9.8	9.7	26.2	27.5	27.5	68.3	70.1	69.3	51
9.8	9.8	9.8	26.2	27.3	27.2	4.5	4.7	4.7	19.4	19.7	20.1	17.9	18.5	18.4	52
5.8	6.2	6.3	24.9	25.2	25.3	4.7	4.9	4.9	16.4	16.8	16.8	22.6	22.2	22.1	53
74.6	74.7	74.7	286.2	286.8	288.0	85.8	84.6	84.6	189.1	191.7	192.7	145.6	145.9	145.7	54
9.5	9.6	9.6	32.0	33.5	33.8	6.0	6.2	6.2	19.4	20.3	20.4	26.5	26.6	27.0	55
5.8	6.7	6.8	10.8	10.6	10.6	3.9	4.2	4.3	9.0	9.2	9.4	16.1	16.1	16.2	56
79.7	79.5	79.1	230.8	239.9	240.6	61.0	62.4	62.5	192.1	196.4	197.5	119.8	128.5	128.7	57
4.3	4.3	4.3	20.4	21.9	21.7	3.4	3.5	3.5	12.6	12.9	12.8	16.1	16.1	16.2	58
13.8	14.1	14.3	77.4	79.5	79.5	21.5	21.8	21.8	54.2	54.0	54.1	86.3	87.0	87.0	59
2.8	2.8	2.8	12.5	12.7	12.7	3.3	3.3	3.4	11.6	11.8	11.8	9.9	10.5	10.4	60
2.3	2.1	2.1	10.8	11.1	11.1	1.9	2.0	2.0	6.9	7.1	7.1	10.7	10.6	10.7	61
26.6	27.8	28.0	102.8	107.2	109.7	20.2	20.9	21.2	74.2	82.0	80.2	112.7	113.9	113.8	62
21.5	22.5	22.6	76.7	80.1	81.3	16.9	17.4	17.9	52.1	56.1	56.2	83.7	84.3	84.0	63

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P
1 VERMONT .....	155.4	158.2	159.7	.8	.7	.7	6.5	5.8	7.2	38.4	39.9	39.7
2 Burlington <sup>17</sup> .....	40.7	41.3	42.5	-	-	-	-	-	-	8.9	9.3	9.5
3 Springfield <sup>17</sup> .....	12.6	11.9	11.6	-	-	-	-	-	-	5.8	5.4	5.0
4 VIRGINIA .....	1,745.4	1,778.4	1,789.9	19.9	20.5	20.5	105.0	101.0	103.8	360.5	373.7	374.3
5 Bristol .....	22.8	23.5	23.6	(1)	(1)	(1)	.9	.9	.9	8.0	8.4	8.4
6 Lynchburg .....	57.7	59.5	59.9	(1)	(1)	(1)	2.9	3.1	3.2	24.1	25.2	25.4
7 Newport News—Hampton .....	125.1	129.3	130.6	(1)	(1)	(1)	6.3	5.6	5.6	30.2	31.6	31.6
8 Norfolk—Virginia Beach—Portsmouth .....	242.0	242.1	243.9	(1)	(1)	(1)	15.1	14.4	14.8	25.7	24.7	25.0
9 Northern Virginia <sup>18</sup> .....	338.9	342.8	346.8	.3	.3	.3	21.6	22.2	23.1	12.8	11.2	11.3
10 Richmond .....	268.7	272.9	273.5	.4	.4	.4	16.4	14.3	14.3	48.0	50.3	50.5
11 Roanoke .....	93.7	94.6	94.9	.2	.2	.2	5.7	5.7	5.7	20.8	21.2	21.3
12 WASHINGTON .....	1,219.2	1,221.1	1,234.1	2.0	2.0	2.0	56.4	53.4	56.3	241.8	238.7	242.2
13 Seattle—Everett .....	573.2	571.9	576.2	(1)	(1)	(1)	24.1	22.5	24.0	124.9	116.8	117.2
14 Spokane .....	102.1	104.0	104.9	(1)	(1)	(1)	5.1	5.1	5.6	12.8	13.8	14.0
15 Tacoma .....	116.2	117.6	119.0	(1)	(1)	(1)	5.0	4.8	5.1	20.4	20.1	20.1
16 WEST VIRGINIA .....	561.8	568.8	582.4	62.0	63.7	63.5	26.6	27.6	28.1	118.0	119.9	121.0
17 Charleston .....	99.8	101.9	103.4	5.9	6.0	6.1	6.1	5.8	5.9	18.2	18.9	19.0
18 Huntington—Ashland .....	94.0	93.2	94.8	.7	.7	.7	4.6	4.0	4.1	27.9	27.9	28.3
19 Parkersburg—Marietta .....	49.5	50.1	50.6	.4	.4	.4	2.6	2.3	2.4	15.8	15.8	15.9
20 Wheeling .....	60.7	60.6	61.7	6.8	6.9	6.9	1.9	1.9	1.9	13.5	13.0	13.5
21 WISCONSIN .....	1,662.3	1,681.8	1,697.4	2.5	2.3	2.6	57.5	52.3	56.6	491.6	500.9	500.4
22 Appleton—Oshkosh .....	103.7	105.9	106.8	(1)	(1)	(1)	4.0	4.2	4.5	38.9	40.6	40.5
23 Green Bay .....	65.5	66.6	67.5	(1)	(1)	(1)	3.0	2.9	3.2	18.9	19.0	19.3
24 Kenosha .....	42.4	41.1	41.3	(1)	(1)	(1)	1.0	.8	.8	19.2	17.9	17.9
25 La Crosse .....	33.7	35.4	35.4	(1)	(1)	(1)	1.0	1.1	1.2	8.6	8.6	8.8
26 Madison .....	138.3	141.1	142.2	(1)	(1)	(1)	5.8	4.9	5.6	15.1	15.8	16.0
27 Milwaukee .....	592.3	595.0	596.9	(1)	(1)	(1)	17.8	17.5	18.1	193.6	196.8	196.3
28 Racine .....	62.1	62.0	62.3	(1)	(1)	(1)	1.6	1.4	1.5	26.8	26.6	26.5
29 WYOMING .....	146.3	149.5	154.7	18.3	19.1	19.6	14.5	13.7	14.4	8.3	7.9	8.2
30 Casper .....	25.3	26.5	27.0	4.6	4.6	4.7	2.0	2.0	2.0	1.6	1.5	1.5
31 Cheyenne .....	23.5	24.6	25.0	(1)	(1)	(1)	2.0	2.1	2.2	1.8	1.9	1.9

1 Combined with services.  
2 Combined with construction.  
3 Federal employment in the Maryland and Virginia sectors of the Washington SMSA is no longer included in data for the District of Columbia.  
4 Based on 1972 Standard Industrial Classification.  
5 Area included in Chicago—Gary Standard Consolidated Statistical Area.  
6 Data do not include Federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.  
7 Revised to 1975 benchmark; not strictly comparable with previously published data.  
8 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
9 Subarea of New York—Northeastern New Jersey.  
10 Subarea of Rochester Standard Metropolitan Statistical Area.  
11 Area included in New York and Nassau—Suffolk combined SMSA's.  
12 Subarea of New York Standard Metropolitan Statistical Area.  
13 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

14 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
15 Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
16 Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
17 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
18 Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
\* Not available.  
p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	MAY 1975	APR. 1976	MAY 1976P	
8.0	7.6	7.6	32.4	33.1	33.5	6.5	6.6	6.7	32.7	34.3	33.5	30.2	30.3	30.9	1
2.0	2.0	2.0	8.6	8.9	8.9	-	-	-	8.7	8.9	9.1	-	-	-	2
.7	.7	.7	1.9	1.8	1.9	-	-	-	1.9	1.9	1.9	-	-	-	3
102.0	102.1	102.6	356.0	362.7	365.5	87.2	87.5	88.1	290.9	301.7	305.1	423.9	429.2	430.0	4
.9	.9	.9	4.8	4.9	4.9	1.0	1.1	1.2	3.0	3.1	3.1	4.2	4.2	4.2	5
2.5	2.6	2.6	9.5	9.9	10.0	2.7	2.8	2.8	8.2	8.1	8.0	7.8	7.8	7.9	6
4.5	4.3	4.3	22.8	23.0	23.3	4.1	4.0	4.0	21.0	24.4	25.2	36.2	36.4	36.6	7
16.7	16.5	16.7	56.7	58.1	58.9	12.7	12.5	12.4	41.9	41.5	42.0	73.2	74.4	74.1	8
25.2	24.6	24.9	78.8	80.1	81.0	21.3	21.8	22.5	74.7	76.4	77.0	104.2	106.2	106.7	9
17.0	17.2	17.1	60.2	62.0	62.3	22.6	22.6	22.6	45.4	46.9	47.3	58.7	59.2	59.0	10
10.2	10.0	9.9	21.1	21.5	21.6	5.4	5.6	5.7	16.7	16.6	16.7	13.6	13.8	13.8	11
70.3	72.0	72.1	280.0	285.8	289.3	65.8	67.0	67.6	218.7	225.1	227.3	284.2	277.1	277.3	12
38.9	40.0	40.3	132.6	136.9	138.1	39.4	39.7	40.0	103.7	108.2	108.8	109.6	107.8	107.8	13
7.3	7.2	7.3	27.8	28.0	28.3	6.1	6.3	6.3	23.2	23.7	23.6	19.8	19.9	19.8	14
5.4	5.2	5.4	26.6	28.1	28.9	5.7	5.5	5.6	23.3	24.7	24.7	29.8	29.2	29.2	15
39.4	38.6	38.8	108.7	109.1	109.3	17.8	18.5	18.5	80.1	81.8	82.2	109.1	109.6	121.1	16
8.8	8.9	8.8	22.5	22.6	22.6	4.2	4.2	4.2	16.1	16.4	16.5	18.1	19.1	20.2	17
9.7	9.0	9.1	18.7	18.8	18.9	3.3	3.3	3.3	12.7	13.1	13.3	16.4	16.4	17.2	18
2.3	2.2	2.3	10.9	11.1	11.1	1.6	1.6	1.6	7.4	7.6	7.6	8.5	9.2	9.5	19
3.7	3.5	3.5	13.4	13.4	13.3	2.4	2.4	2.4	11.6	11.8	11.6	7.5	7.8	8.4	20
82.1	82.2	81.7	374.3	375.1	383.5	73.1	74.9	75.4	293.0	299.4	303.0	288.1	294.6	294.3	21
3.9	3.9	3.9	21.2	21.5	21.7	4.1	4.1	4.2	16.4	16.7	17.0	15.2	14.9	15.1	22
4.7	4.5	4.5	15.8	16.2	16.4	2.1	2.1	2.1	11.5	12.2	12.3	9.4	9.7	9.8	23
1.4	1.4	1.3	7.4	7.5	7.7	.8	.8	.9	6.8	7.0	6.8	5.8	5.8	5.9	24
1.9	2.0	2.0	9.1	9.5	9.6	.9	.9	1.0	7.1	7.3	7.3	5.0	5.9	5.4	25
5.2	5.1	5.1	29.0	29.8	30.2	8.7	9.2	9.3	23.5	24.6	24.6	51.0	51.7	51.5	26
30.2	29.5	28.8	129.6	127.8	129.7	32.2	33.2	33.1	112.3	113.6	114.4	76.6	76.7	76.5	27
2.3	2.3	2.2	11.7	12.0	12.2	1.7	1.7	1.7	9.5	9.6	9.7	8.5	8.4	8.5	28
12.3	12.9	12.9	30.8	31.7	33.4	4.5	5.0	5.0	21.9	21.3	22.7	35.7	37.9	38.5	29
1.7	1.9	2.0	6.6	7.1	7.3	.9	1.1	1.1	3.9	4.2	4.2	4.0	4.1	4.2	30
3.0	3.4	3.4	4.5	4.9	4.8	1.4	1.3	1.3	4.0	4.1	4.5	6.8	6.9	6.9	31





# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers <sup>1</sup> on private nonagricultural payrolls, by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
-	<b>TOTAL PRIVATE</b> .....	\$160.38	\$163.71	\$171.24	\$174.48	\$175.81	\$4.48	\$4.51	\$4.77	\$4.82	\$4.83
-	<b>MINING</b> .....	247.51	250.65	267.76	270.94	272.62	5.81	5.87	6.33	6.36	6.34
10	<b>METAL MINING</b> .....	242.20	249.45	283.10	276.12	-	6.01	6.04	6.63	6.59	-
101	Iron ores .....	265.93	272.50	299.60	286.21	-	6.17	6.25	7.00	6.88	-
102	Copper ores .....	235.36	246.98	293.51	282.88	-	6.21	6.19	6.89	6.80	-
11,12	<b>COAL MINING</b> .....	288.26	290.90	301.86	309.29	-	7.10	7.13	7.74	7.83	-
12	Bituminous coal and lignite mining .....	288.36	291.01	302.25	309.68	-	7.12	7.15	7.77	7.86	-
13	<b>OIL AND GAS EXTRACTION</b> .....	231.00	234.08	250.49	254.22	-	5.25	5.32	5.68	5.70	-
131,2	Crude petroleum and natural gas fields .....	235.22	245.83	264.79	268.46	-	5.91	6.04	6.49	6.58	-
138	Oil and gas field services .....	228.75	227.17	243.27	245.99	-	4.93	4.96	5.30	5.29	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	215.34	217.41	231.26	235.14	-	4.85	4.93	5.28	5.32	-
142	Crushed and broken stone .....	214.49	215.55	221.63	227.70	-	4.82	4.91	5.06	5.14	-
-	<b>CONTRACT CONSTRUCTION</b> .....	262.73	262.07	278.25	284.23	289.18	7.12	7.18	7.50	7.62	7.61
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	250.87	249.88	272.32	273.04	-	6.93	6.98	7.38	7.46	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	259.10	258.69	265.49	280.28	-	6.51	6.65	6.79	7.06	-
161	Highway and street construction .....	248.40	251.55	249.32	267.87	-	6.21	6.45	6.28	6.68	-
162	Heavy construction, nec .....	268.49	265.00	277.87	290.03	-	6.78	6.83	7.18	7.38	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	271.83	270.61	286.04	292.07	-	7.53	7.58	7.88	7.98	-
171	Plumbing, heating, air conditioning .....	282.70	288.70	300.80	308.27	-	7.62	7.74	8.00	8.07	-
172	Painting, paper hanging, decorating .....	240.82	237.71	253.69	262.70	-	6.92	6.89	7.29	7.40	-
173	Electrical work .....	300.88	306.98	328.25	336.04	-	8.11	8.23	8.73	8.82	-
174	Masonry, stonework, and plastering .....	254.18	250.80	262.57	264.08	-	7.52	7.60	7.70	7.79	-
176	Roofing and sheetmetal work .....	230.83	217.96	234.77	236.42	-	6.87	6.79	7.05	7.23	-
-	<b>MANUFACTURING</b> .....	185.25	188.81	198.74	205.82	208.06	4.75	4.78	5.07	6.12	5.15
19,24,25,32-39	<b>DURABLE GOODS</b> .....	199.87	203.49	214.24	224.54	225.91	5.06	5.10	5.41	5.49	5.51
20-23,26-31	<b>NONDURABLE GOODS</b> .....	164.26	168.05	176.72	180.85	182.49	4.30	4.32	4.59	4.59	4.62
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	211.15	215.59	220.81	229.23	229.04	5.15	5.17	5.59	5.66	5.60
192	Ammunition, except for small arms .....	210.53	216.07	223.47	232.03	(*)	5.25	5.27	5.73	5.83	(*)
1925	Complete guided missiles .....	239.03	246.03	244.22	253.76	-	5.83	5.83	6.23	6.36	-
1929	Ammunition, exc. for small arms, nec. ....	173.11	175.67	183.74	192.15	-	4.45	4.47	4.76	4.84	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	163.05	169.15	180.80	185.90	189.20	4.17	4.25	4.52	4.59	4.66
242	Sawmills and planing mills .....	159.18	163.99	178.61	183.68	(*)	4.04	4.11	4.41	4.48	(*)
2421	Sawmills and planing mills, general .....	164.72	169.58	185.95	191.53	-	4.17	4.25	4.58	4.66	-
243	Millwork, plywood and related products .....	169.34	175.24	185.72	191.83	(*)	4.32	4.37	4.69	4.76	(*)
2431	Millwork .....	165.59	171.97	177.56	183.14	-	4.29	4.31	4.60	4.66	-
2432	Veneer and plywood .....	173.66	178.23	198.03	202.78	-	4.32	4.39	4.83	4.91	-
244	Wooden containers .....	126.87	125.95	138.41	141.29	142.00	3.33	3.28	3.54	3.55	3.55
2441,2	Wooden boxes, shooks, and crates .....	122.18	123.52	134.94	137.31	-	3.19	3.20	3.46	3.45	-
249	Miscellaneous wood products .....	144.36	148.83	158.28	160.29	(*)	3.60	3.63	3.87	3.90	(*)
25	<b>FURNITURE AND FIXTURES</b> .....	137.64	141.36	148.19	152.09	154.05	3.70	3.72	3.91	3.93	3.95
251	Household furniture .....	129.52	133.08	139.86	142.09	143.96	3.51	3.53	3.70	3.71	3.72
2511	Wood household furniture .....	120.29	123.98	132.86	136.07	-	3.26	3.28	3.46	3.48	-
2512	Upholstered household furniture .....	137.97	142.50	146.86	147.63	-	3.78	3.80	3.98	3.99	-
2515	Mattresses and bedspings .....	147.73	151.58	158.36	160.45	-	3.95	4.01	4.28	4.29	-
252	Office furniture .....	154.28	161.09	169.22	179.96	-	4.06	4.12	4.35	4.40	-
254	Partitions and fixtures .....	170.86	177.00	182.28	188.18	-	4.52	4.55	4.71	4.74	-
253,9	Other furniture and fixtures .....	152.36	155.94	165.61	170.17	(*)	4.02	4.04	4.44	4.42	(*)
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	195.13	198.21	212.16	218.82	221.12	4.83	4.87	5.20	5.26	5.29
321	Flat glass .....	235.13	242.95	279.86	291.60	-	5.82	5.94	6.76	6.75	-
322	Glass and glassware, pressed or blown .....	198.99	201.19	218.29	218.69	(*)	4.95	4.98	5.43	5.36	(*)
3221	Glass containers .....	208.90	210.33	227.29	228.25	-	5.12	5.13	5.64	5.54	-
3229	Pressed and blown glass, nec .....	184.71	187.70	204.91	204.51	-	4.70	4.74	5.11	5.10	-
324	Cement, hydraulic .....	247.23	262.29	301.89	307.02	(*)	6.03	6.26	7.12	7.31	(*)
325	Structural clay products .....	158.00	158.80	170.98	172.63	173.47	3.96	3.98	4.16	4.19	4.18
3251	Brick and structural clay tile .....	145.04	146.52	155.66	161.32	-	3.59	3.60	3.76	3.85	-
326	Pottery and related products .....	158.38	162.05	169.99	175.56	-	4.19	4.22	4.45	4.49	-
327	Concrete, gypsum, and plaster products .....	203.01	204.40	216.30	226.28	(*)	4.88	4.89	5.15	5.25	(*)
328,9	Other stone and nonmetallic mineral products .....	185.72	190.00	202.61	211.46	(*)	4.69	4.75	5.04	5.12	(*)
3291	Abrasive products .....	171.08	175.85	197.85	207.60	-	4.70	4.74	5.06	5.19	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
—	<b>TOTAL PRIVATE</b>	35.8	36.3	35.9	36.2	36.4	—	—	—	—	—
—	<b>MINING</b>	42.6	42.7	42.3	42.6	43.0	—	—	—	—	—
10	METAL MINING	40.3	41.3	42.7	41.9	—	—	—	—	—	—
101	Iron ores	43.1	43.6	42.8	41.6	—	—	—	—	—	—
102	Copper ores	37.9	39.9	42.6	41.6	—	—	—	—	—	—
11,12	<b>COAL MINING</b>	40.6	40.8	39.0	39.5	—	—	—	—	—	—
12	Bituminous coal and lignite mining	40.5	40.7	38.9	39.4	—	—	—	—	—	—
13	<b>OIL AND GAS EXTRACTION</b>	44.0	44.0	44.1	44.6	—	—	—	—	—	—
131,2	Crude petroleum and natural gas fields	39.8	40.7	40.8	40.8	—	—	—	—	—	—
138	Oil and gas field services	46.4	45.8	45.9	46.5	—	—	—	—	—	—
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	44.4	44.1	43.8	44.2	—	—	—	—	—	—
142	Crushed and broken stone	44.5	43.9	43.8	44.3	—	—	—	—	—	—
—	<b>CONTRACT CONSTRUCTION</b>	36.9	36.5	37.1	37.3	38.0	—	—	—	—	—
15	GENERAL BUILDING CONTRACTORS	36.2	35.8	36.9	36.6	—	—	—	—	—	—
16	HEAVY CONSTRUCTION CONTRACTORS	39.8	38.9	39.1	39.7	—	—	—	—	—	—
161	Highway and street construction	40.0	39.0	39.7	40.1	—	—	—	—	—	—
162	Heavy construction, nec	39.6	38.8	38.7	39.3	—	—	—	—	—	—
17	<b>SPECIAL TRADE CONTRACTORS</b>	36.1	35.7	36.3	36.6	—	—	—	—	—	—
171	Plumbing, heating, air conditioning	37.1	37.3	37.6	38.2	—	—	—	—	—	—
172	Painting, paper hanging, decorating	34.8	34.5	34.8	35.5	—	—	—	—	—	—
173	Electrical work	37.1	37.3	37.6	38.1	—	—	—	—	—	—
174	Masonry, stonework, and plastering	33.8	33.0	34.1	33.9	—	—	—	—	—	—
176	Roofing and sheet metal work	33.6	32.1	33.3	32.7	—	—	—	—	—	—
—	<b>MANUFACTURING</b>	39.0	39.5	49.2	40.2	40.4	2.3	2.5	2.4	3.1	3.2
19,24,25,32-39	DURABLE GOODS	39.5	39.9	39.6	40.9	41.0	2.2	2.4	2.3	3.2	3.4
20-23,26-31	<b>NONDURABLE GOODS</b>	38.2	38.9	38.5	39.4	39.5	2.3	2.7	2.5	3.0	3.0
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b>	41.0	41.7	39.5	40.5	40.9	2.6	2.7	1.7	2.1	—
192	Ammunition, except for small arms	40.1	41.0	39.0	39.8	(*)	2.1	2.5	1.6	1.7	—
1925	Complete guided missiles	41.0	42.2	39.2	39.9	—	—	—	—	—	—
1929	Ammunition, exc. for small arms, nec.	38.9	39.3	38.6	39.7	—	—	—	—	—	—
24	<b>LUMBER AND WOOD PRODUCTS</b>	39.1	39.8	40.0	40.5	40.6	3.0	3.2	3.3	3.6	—
242	Sawmills and planing mills	39.4	39.9	40.5	41.0	(*)	3.5	3.6	3.7	4.2	—
2421	Sawmills and planing mills, general	39.5	39.9	40.6	41.1	—	—	—	—	—	—
243	Millwork, plywood and related products	39.2	40.1	39.6	40.3	(*)	2.6	2.9	2.9	3.2	—
2431	Millwork	38.6	39.9	38.6	39.3	—	—	—	—	—	—
2432	Veneer and plywood	40.2	40.6	41.0	41.3	—	—	—	—	—	—
244	Wooden containers	38.1	38.4	39.1	39.8	40.0	1.9	2.0	2.4	2.8	—
2441,2	Wooden boxes, shooks, and crates	38.3	38.6	39.0	39.8	—	—	—	—	—	—
249	Miscellaneous wood products	40.1	41.0	40.9	41.1	(*)	3.0	3.4	3.7	3.6	—
25	<b>FURNITURE AND FIXTURES</b>	37.2	38.0	37.9	38.7	39.0	1.3	1.6	1.7	2.1	—
251	Household furniture	36.9	37.7	37.8	38.3	38.7	1.3	1.6	1.7	2.0	—
2511	Wood household furniture	36.9	37.8	38.4	39.1	—	1.4	1.6	2.0	2.3	—
2512	Upholstered household furniture	36.5	37.5	36.9	37.0	—	—	—	—	—	—
2515	Mattresses and bedsprings	37.4	37.8	37.0	37.4	—	—	—	—	—	—
252	Office furniture	38.0	39.1	38.9	40.9	—	1.5	1.4	1.7	2.7	—
254	Partitions and fixtures	37.8	38.9	38.7	39.7	—	1.4	1.5	1.8	2.5	—
253,9	Other furniture and fixtures	37.9	38.6	37.3	38.5	(*)	1.1	1.4	1.0	1.5	—
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	40.4	40.7	40.8	41.6	41.8	3.5	3.7	3.8	4.2	—
321	Flat glass	40.4	40.9	41.4	43.2	—	2.5	2.8	3.6	5.9	—
322	Glass and glassware, pressed or blown	40.2	40.4	40.2	40.8	(*)	3.8	4.2	4.4	4.1	—
3221	Glass containers	40.8	41.0	40.3	41.2	—	—	—	—	—	—
3229	Pressed and blown glass, nec	39.3	39.6	40.1	40.1	—	2.5	3.2	2.9	3.1	—
324	Cement, hydraulic	41.0	41.9	42.4	42.0	(*)	2.3	2.7	3.3	3.1	—
325	Structural clay products	39.9	39.9	41.1	41.2	41.5	3.1	3.1	3.5	3.7	—
3251	Brick and structural clay tile	40.4	40.7	41.4	41.9	—	—	—	—	—	—
326	Pottery and related products	37.8	38.4	38.2	39.1	—	1.3	1.5	2.0	2.0	—
327	Concrete, gypsum and plaster products	41.6	41.8	42.0	43.1	(*)	4.9	4.9	4.9	5.7	—
328,9	Other stone and nonmetallic mineral products	39.6	40.0	40.2	41.3	(*)	2.6	2.7	2.7	3.4	—
3291	Abrasive products	36.4	37.1	39.1	40.0	—	—	—	—	—	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b> .....	39.5	39.8	40.5	41.0	41.3	2.4	2.5	3.1	3.4	—
331	Blast furnace and basic steel products .....	38.7	38.8	41.3	40.3	(*)	1.6	1.6	3.2	2.5	—
3312	Blast furnaces and steel mills .....	38.5	38.6	41.5	40.1	—	1.5	1.5	3.3	2.4	—
332	Iron and steel foundries .....	40.2	40.9	39.2	40.9	(*)	3.3	3.6	2.8	4.4	—
3321	Gray iron foundries .....	40.1	40.7	39.3	41.4	—	3.4	3.5	3.1	5.1	—
3322	Malleable iron foundries .....	38.6	39.9	39.3	39.1	—	—	—	—	—	—
3323	Steel foundries .....	41.0	41.8	38.9	40.3	—	3.7	3.9	2.3	3.4	—
333.4	Nonferrous metals .....	40.8	40.6	42.1	42.3	(*)	2.9	2.9	3.9	3.6	—
3334	Primary aluminum .....	41.3	40.3	43.0	42.9	—	—	—	—	—	—
335	Nonferrous rolling and drawing .....	40.7	40.8	40.7	42.6	(*)	3.0	3.2	3.7	4.8	—
3351	Copper rolling and drawing .....	39.7	40.5	40.6	43.2	—	—	—	—	—	—
3352	Aluminum rolling and drawing .....	40.4	40.1	41.3	43.0	—	3.1	3.2	5.2	5.4	—
3357	Nonferrous wire drawing and insulating .....	41.4	41.6	40.3	42.3	—	3.5	3.7	2.4	4.4	—
336	Nonferrous foundries .....	38.6	39.3	38.8	40.6	40.7	1.8	2.2	2.0	3.1	—
3361	Aluminum castings .....	38.2	39.3	39.1	40.9	—	—	—	—	—	—
3362.9	Other nonferrous castings .....	39.0	39.2	38.5	40.2	—	—	—	—	—	—
339	Miscellaneous primary metal products .....	40.5	40.5	38.0	40.7	40.1	3.3	3.5	1.8	3.7	—
3391	Iron and steel forgings .....	40.6	41.0	37.5	40.9	—	—	—	—	—	—
34	<b>FABRICATED METAL PRODUCTS</b> .....	39.6	39.9	39.4	41.0	41.1	2.1	2.4	2.1	3.3	—
341	Metal cans .....	42.3	44.0	41.7	44.7	(*)	2.9	4.2	3.6	4.7	—
342	Cutlery, hand tools, and hardware .....	38.9	38.6	39.0	40.5	(*)	1.7	1.5	1.5	2.7	—
3421,3.5	Cutlery and hand tools, incl. saws .....	38.6	38.5	39.1	40.2	—	—	—	—	—	—
3429	Hardware, nec .....	39.0	38.7	38.9	40.7	—	—	—	—	—	—
343	Plumbing and heating, except electric .....	38.9	40.1	38.6	40.0	(*)	1.7	2.2	1.8	3.1	—
3431.2	Sanitary ware and plumbers' brass goods .....	38.9	39.3	39.1	39.8	—	—	—	—	—	—
3433	Heating equipment, except electric .....	38.9	40.8	38.1	40.3	—	—	—	—	—	—
344	Fabricated structural metal products .....	40.0	40.2	39.3	40.3	(*)	2.5	2.8	2.0	2.8	—
3441	Fabricated structural steel .....	41.8	41.8	40.6	41.2	—	3.7	3.8	2.7	3.1	—
3442	Metal doors, sash, and trim .....	38.8	39.8	38.4	39.4	—	—	—	—	—	—
3443	Fabricated plate work (boiler shops) .....	40.2	40.0	39.2	40.5	—	2.7	3.2	1.6	2.7	—
3444	Sheet metal work .....	38.7	39.3	38.6	39.9	—	—	—	—	—	—
3446.9	Architectural and misc. metal work .....	39.3	39.5	39.4	40.5	—	—	—	—	—	—
345	Screw machine products, bolts, etc .....	38.6	38.5	39.8	41.3	41.8	1.6	1.6	2.3	3.3	—
3451	Screw machine products .....	39.3	39.3	40.2	40.7	—	—	—	—	—	—
3452	Bolts, nuts, rivets, and washers .....	37.9	37.7	39.5	41.8	—	—	—	—	—	—
346	Metal stampings .....	39.3	39.6	39.1	42.2	(*)	1.6	2.1	2.1	4.6	—
347	Metal services, nec .....	39.0	39.4	39.5	40.2	40.7	2.6	2.7	2.8	3.3	—
348	Miscellaneous fabricated wire products .....	39.2	39.4	39.1	40.3	40.1	1.8	1.9	1.7	3.0	—
349	Miscellaneous fabricated metal products .....	39.8	39.9	39.7	40.8	40.7	2.3	2.6	2.4	3.0	—
3494.8	Valves, pipe, and pipe fittings .....	40.3	40.2	40.0	40.8	—	—	—	—	—	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	40.4	40.5	40.0	41.0	41.1	2.6	2.6	2.2	3.0	—
351	Engines and turbines .....	39.9	40.2	39.4	40.7	(*)	2.7	2.1	1.9	2.9	—
3511	Steam engines and turbines .....	38.6	39.9	40.4	41.4	—	—	—	—	—	—
3519	Internal combustion engines, nec .....	40.6	40.3	39.0	40.4	—	—	—	—	—	—
352	Farm machinery .....	40.0	40.3	40.4	40.7	—	2.7	2.6	2.1	2.5	—
353	Construction and related machinery .....	41.2	41.0	39.4	40.3	40.8	3.0	3.1	1.6	2.4	—
3531.2	Construction and mining machinery .....	40.7	40.7	38.7	39.6	—	2.7	2.8	.8	1.7	—
3533	Oil field machinery .....	43.8	42.4	40.7	41.4	—	—	—	—	—	—
3535.6	Conveyors, hoists, cranes, monorails .....	41.2	41.6	40.4	41.8	—	—	—	—	—	—
3537	Industrial trucks and tractors .....	38.1	38.6	39.3	39.6	—	—	—	—	—	—
354	Metal working machinery .....	40.6	40.8	40.6	41.6	41.8	2.9	2.9	2.9	4.0	—
3541	Machine tools, metal cutting types .....	41.8	41.8	40.2	41.4	—	3.7	3.7	2.2	3.1	—
3544	Special dies, tools, jig and fixtures .....	41.1	41.1	41.9	42.7	—	—	—	—	—	—
3545	Machine tool accessories .....	39.8	40.4	39.6	40.3	—	2.2	2.2	2.1	3.0	—
3542.8	Miscellaneous metal working machinery .....	39.5	39.5	38.9	40.3	—	—	—	—	—	—
355	Special industry machinery .....	39.8	40.1	39.7	41.2	41.4	2.2	2.3	2.0	2.8	—
3551	Food products machinery .....	39.7	40.1	39.5	40.8	—	—	—	—	—	—
3552	Textile machinery .....	37.7	38.6	39.3	40.5	—	—	—	—	—	—
3555	Printing trades machinery .....	40.0	40.3	39.7	41.2	—	—	—	—	—	—
356	General industrial machinery .....	40.5	40.7	39.5	40.7	40.8	2.8	2.7	1.8	2.7	—
3561	Pumps and compressors .....	40.6	41.6	39.9	40.5	—	2.6	3.4	2.2	2.7	—
3562	Ball and roller bearings .....	40.1	39.6	39.2	40.9	—	2.3	1.5	1.3	2.8	—
3564	Blowers and fans .....	40.1	41.0	40.0	40.9	—	—	—	—	—	—
3566	Power transmission equipment .....	42.3	41.6	39.3	41.0	—	4.9	3.8	2.0	2.9	—
357	Office and computing machines .....	40.6	40.8	41.1	41.8	(*)	1.5	1.9	1.8	2.4	—
3573	Electronic computing equipment .....	41.1	41.4	41.5	42.0	—	—	—	—	—	—
358	Service industry machines .....	38.4	38.8	39.5	40.6	(*)	.7	1.0	2.1	2.5	—
3585	Refrigeration machinery .....	38.3	38.8	39.8	40.7	—	.3	.8	2.2	2.4	—
359	Miscellaneous machinery, except electrical .....	40.7	40.8	40.3	41.5	41.5	3.4	3.4	2.9	3.8	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	39.1	39.5	39.0	40.2	40.3	1.4	1.7	1.5	2.4	—
361	Electric test and distributing equipment	38.9	39.2	39.4	40.1	40.3	1.6	1.5	1.6	2.1	—
3611	Electric measuring instruments	38.9	38.7	39.2	39.9	—	1.3	1.1	1.3	2.0	—
3612	Transformers	38.5	39.3	39.8	40.5	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	39.3	39.6	39.2	40.1	—	—	—	—	—	—
362	Electrical industrial apparatus	39.7	39.6	39.2	40.3	39.9	1.9	2.0	1.8	2.4	—
3621	Motors and generators	39.8	40.0	39.2	40.5	—	1.8	2.1	2.0	2.7	—
3622	Industrial controls	39.7	38.7	38.5	39.7	—	2.0	1.9	1.1	1.8	—
363	Household appliances	39.0	39.6	39.0	40.0	39.9	1.3	1.8	1.5	2.1	—
3632	Household refrigerators and freezers	39.2	39.1	39.4	39.7	—	—	—	—	—	—
3633	Household laundry equipment	38.2	40.3	38.8	39.5	—	—	—	—	—	—
3634	Electric housewares and fans	38.7	38.8	38.3	39.5	—	1.2	1.5	1.3	1.8	—
364	Electric lighting and wiring equipment	38.7	38.8	39.6	40.5	40.6	1.3	1.3	2.2	2.7	—
3641	Electric lamps	39.4	39.8	40.4	41.0	—	1.4	1.5	2.2	2.6	—
3642	Lighting fixtures	38.6	38.3	39.8	40.6	—	1.6	1.4	2.6	3.1	—
3643,4	Wiring devices	38.5	38.7	39.1	40.2	—	1.1	1.2	1.8	2.5	—
365	Radio and TV receiving equipment	37.8	38.2	35.8	39.8	39.1	.4	.6	.3	2.7	—
366	Communication equipment	39.6	39.9	39.2	40.2	40.7	1.4	1.8	1.4	1.9	—
3661	Telephone and telegraph apparatus	39.4	39.4	39.4	40.6	—	—	—	—	—	—
3662	Radio and TV communication equipment	39.7	40.2	39.1	40.0	—	1.8	2.2	1.5	1.8	—
367	Electronic components and accessories	38.8	39.3	38.8	39.6	(*)	1.4	1.7	1.7	2.1	—
3671-3	Electron tubes	39.5	40.0	39.5	39.8	—	1.4	1.6	1.5	1.7	—
3674,9	Other electronic components	38.6	39.2	38.7	39.6	—	1.4	1.7	1.7	2.1	—
369	Miscellaneous electrical equip. and supplies	40.1	40.7	39.6	41.3	41.9	2.0	2.4	1.4	3.4	—
3694	Engine electrical equipment	40.0	40.9	39.4	41.2	—	—	—	—	—	—
37	<b>TRANSPORTATION EQUIPMENT</b>	39.8	40.4	39.9	42.3	42.8	2.1	2.6	2.5	4.5	—
371	Motor vehicles and equipment	39.6	40.4	40.6	43.9	(*)	1.8	2.5	2.9	5.9	—
3711	Motor vehicles	39.4	40.3	40.6	44.3	—	1.4	2.2	3.2	6.2	—
3712	Passenger car bodies	39.8	39.7	40.2	43.6	—	—	—	—	—	—
3713	Truck and bus bodies	39.6	40.6	39.4	40.5	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	39.8	40.8	40.9	44.2	—	2.0	2.9	2.9	6.1	—
3715	Truck trailers	38.3	37.1	38.2	39.1	—	—	—	—	—	—
372	Aircraft and parts	40.7	41.4	39.7	40.8	41.0	2.3	2.9	2.0	2.6	—
3721	Aircraft	39.7	41.2	40.3	40.7	—	1.1	2.4	1.9	2.2	—
3722	Aircraft engines and engine parts	41.4	41.3	38.2	40.5	—	3.5	3.4	1.7	2.8	—
3723,9	Other aircraft parts and equipment	41.9	41.8	40.1	41.4	—	3.5	3.3	2.5	3.3	—
373	Ship and boat building and repairing	39.6	39.2	38.8	39.6	39.6	2.9	2.6	2.0	2.9	—
3731	Ship building and repairing	39.9	39.4	38.5	39.6	—	—	—	—	—	—
3732	Boat building and repairing	38.4	38.5	39.7	39.5	—	—	—	—	—	—
374	Railroad equipment	40.1	39.5	38.4	(*)	—	2.4	2.4	1.3	(*)	—
375,9	Other transportation equipment	39.1	39.3	38.7	40.7	—	1.8	2.0	2.3	3.1	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	39.2	39.4	39.5	40.7	40.7	1.6	1.7	1.8	2.5	—
381	Engineering and scientific instruments	40.2	40.5	39.9	40.8	—	2.1	2.1	2.1	2.4	—
382	Mechanical measuring and control devices	38.9	39.0	39.1	40.7	(*)	1.7	1.7	1.6	2.6	—
3821	Mechanical measuring devices	39.5	39.6	39.0	40.4	—	1.9	1.9	1.3	2.3	—
3822	Automatic temperature controls	37.6	37.7	39.2	41.1	—	1.1	1.1	1.9	3.1	—
383,5	Optical and ophthalmic goods	39.8	39.6	39.1	40.1	40.1	1.4	1.7	1.9	2.4	—
385	Ophthalmic goods	39.5	39.2	38.4	39.7	—	1.4	1.9	1.5	2.1	—
384	Medical instruments and supplies	38.2	38.6	38.4	39.8	(*)	1.5	1.4	1.3	2.3	—
386	Photographic equipment and supplies	40.1	40.4	41.7	42.1	(*)	1.6	1.8	2.8	3.0	—
387	Watches, clocks, and watch cases	38.8	38.9	38.4	40.3	—	1.3	1.4	1.1	2.0	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.1	38.4	38.0	38.7	38.7	1.5	1.6	1.5	2.1	—
391	Jewelry, silverware, and plated ware	37.3	37.8	38.5	38.9	(*)	1.6	1.7	2.3	2.4	—
394	Toys and sporting goods	38.2	38.1	37.5	38.6	—	1.4	1.5	1.2	1.8	—
3941-3	Games, toys, dolls and play vehicles	38.3	38.3	36.7	37.8	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	38.0	37.8	38.3	39.5	—	—	—	—	—	—
395	Pens, pencils, office and art supplies	39.1	39.6	39.6	40.7	—	1.7	2.0	2.3	3.2	—
396	Costume jewelry and notions	37.9	38.4	37.1	37.5	—	1.3	1.6	1.0	1.7	—
393,9	Other manufacturing industries	38.3	38.7	38.1	38.8	38.9	1.5	1.6	1.6	2.1	—
393	Musical instruments and parts	38.2	38.6	38.4	39.0	—	1.3	1.4	1.1	1.5	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	39.7	40.1	39.4	40.1	40.4	3.4	3.8	3.3	3.7	—
201	Meat products	38.7	39.8	39.4	39.6	40.4	3.3	3.7	3.5	3.6	—
2011	Meat packing plants	40.0	41.1	41.5	40.8	—	3.7	4.3	4.2	3.9	—
2013	Sausages and other prepared meats	40.8	40.9	40.4	40.6	—	—	—	—	—	—
2015	Poultry dressing plants	35.8	37.4	36.1	37.6	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b> .....	\$195.24	\$196.88	\$206.64	\$211.88	\$212.06	\$5.32	\$5.35	\$5.60	\$5.65	\$5.67
271	Newspapers .....	200.90	201.83	210.91	213.47	216.66	5.84	5.85	6.24	6.26	6.28
272	Periodicals .....	201.47	209.13	215.84	223.10	—	5.33	5.39	5.71	5.81	—
273	Books .....	170.93	168.91	180.98	191.48	—	4.51	4.59	4.75	4.86	—
275	Commercial printing .....	201.00	202.29	214.48	219.04	(*)	5.36	5.38	5.60	5.66	(*)
2751	Commercial printing, except lithographic .....	195.98	197.93	207.43	213.01	—	5.24	5.25	5.43	5.49	—
2752	Commercial printing, lithographic .....	209.25	208.87	226.14	229.25	—	5.58	5.63	5.92	5.97	—
278	Blankbooks and bookbinding .....	153.03	154.73	161.36	169.22	169.99	4.07	4.04	4.28	4.35	4.37
274,6,7,9	Other publishing and printing ind. ....	199.56	204.82	208.32	213.36	214.66	5.35	5.39	5.57	5.60	5.59
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	215.18	218.82	240.61	241.28	242.19	5.30	5.35	5.77	5.80	5.85
281	Industrial chemicals .....	238.45	244.50	276.68	271.32	(*)	5.83	5.92	6.51	6.46	(*)
2812	Alkalies and chlorine .....	238.99	247.38	281.43	259.79	—	5.61	5.70	6.44	6.26	—
2818	Industrial organic chemicals, nec. ....	258.71	264.09	308.42	300.19	—	6.31	6.41	7.09	7.08	—
2819	Industrial inorganic chemicals, nec. ....	224.87	230.20	254.82	252.97	—	5.58	5.67	6.20	6.14	—
282	Plastics materials and synthetics .....	211.12	215.25	240.98	236.55	(*)	5.20	5.25	5.67	5.70	(*)
2821	Plastics materials and resins .....	221.12	226.97	253.43	258.70	—	5.38	5.43	5.88	5.92	—
2823,4	Synthetic fibers .....	199.39	203.41	223.86	214.80	—	4.96	5.01	5.33	5.37	—
283	Drugs .....	207.06	205.23	214.94	221.95	222.09	5.10	5.08	5.36	5.44	5.43
2834	Pharmaceutical preparations .....	201.69	199.49	209.08	216.52	—	4.98	4.95	5.24	5.32	—
284	Soap, cleaners, and toilet goods .....	207.20	209.56	217.06	225.89	(*)	5.18	5.20	5.44	5.55	(*)
2841	Soap and other detergents .....	268.86	269.57	279.07	295.54	—	6.51	6.48	6.84	7.02	—
2844	Toilet preparations .....	166.60	169.88	180.57	188.33	—	4.25	4.29	4.63	4.72	—
285	Paints and allied products .....	196.80	201.87	214.65	228.06	(*)	4.92	4.96	5.30	5.43	(*)
287	Agricultural chemicals .....	192.04	196.04	224.00	215.21	(*)	4.54	4.69	5.00	5.04	(*)
2871,2	Fertilizers, complete and mixing only .....	179.35	180.89	212.05	201.67	—	4.24	4.38	4.64	4.69	—
286,9	Other chemical products .....	200.10	204.12	220.04	224.39	(*)	4.99	5.04	5.38	5.42	(*)
2892	Explosives .....	201.00	201.70	219.30	212.00	—	5.00	5.03	5.31	5.30	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	262.70	264.77	300.46	300.04	305.02	6.33	6.38	7.12	7.11	7.16
291	Petroleum refining .....	278.66	279.76	327.47	323.95	(*)	6.78	6.84	7.76	7.75	(*)
295,9	Other petroleum and coal products .....	211.30	217.22	220.60	232.52	(*)	4.96	5.04	5.24	5.37	(*)
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	169.42	172.33	177.30	176.99	176.95	4.30	4.33	4.50	4.37	4.38
301	Tires and inner tubes .....	231.71	233.79	243.26	250.56	(*)	5.57	5.62	5.89	5.76	(*)
302,3,6	Other rubber products .....	161.28	165.33	174.27	186.35	186.19	4.20	4.25	4.48	4.59	4.62
302	Rubber footwear .....	119.13	122.54	123.20	123.50	—	3.30	3.33	3.52	3.44	—
307	Miscellaneous plastics products .....	150.93	153.65	157.95	165.62	165.62	3.86	3.88	4.05	4.12	4.12
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	117.76	122.62	126.17	131.33	129.96	3.20	3.21	3.41	3.42	3.42
311	Leather tanning and finishing .....	169.97	173.79	181.20	180.90	(*)	4.26	4.27	4.53	4.50	(*)
314	Footwear, except rubber .....	110.96	116.28	120.25	125.51	(*)	3.04	3.06	3.25	3.26	(*)
312,3,5-7,9	Other leather products .....	116.75	120.64	121.34	127.53	(*)	3.19	3.20	3.38	3.41	(*)
316	Luggage .....	116.60	117.81	124.56	129.52	—	3.16	3.21	3.60	3.51	—
317	Handbags and personal leather goods .....	115.75	121.29	113.60	124.13	—	3.12	3.11	3.20	3.31	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	226.00	231.45	251.46	253.29	253.04	5.78	5.83	6.35	6.38	6.39
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....	248.29	259.37	(*)	(*)	—	5.94	6.06	(*)	(*)	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	196.09	195.54	213.60	218.00	—	4.89	4.84	5.34	5.33	—
413	Intercity highway transportation .....	230.78	234.47	260.95	265.10	—	6.01	6.09	6.64	6.78	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	235.22	239.59	250.90	258.73	—	5.94	5.96	6.32	6.42	—
421,3	Trucking and trucking terminals .....	241.16	244.82	256.71	264.62	—	6.09	6.09	6.45	6.55	—
422	Public warehousing .....	116.57	169.58	180.50	183.30	—	4.26	4.25	4.64	4.70	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	283.18	280.67	303.88	306.20	—	6.89	6.93	7.34	7.45	—
48	<b>COMMUNICATION</b> .....	209.34	212.46	238.46	236.62	—	5.48	5.49	6.13	6.13	—
481	Telephone communication .....	209.00	212.14	241.72	238.85	—	5.50	5.51	6.23	6.22	—
4817	Switchboard operating employees <sup>3</sup> .....	155.64	155.60	185.30	178.42	—	4.66	4.59	5.34	5.31	—
4818	Line construction employees <sup>4</sup> .....	268.39	276.27	299.04	298.57	—	6.33	6.41	7.12	7.16	—
482	Telegraph communication <sup>5</sup> .....	235.87	233.04	252.77	—	—	5.67	5.67	6.15	(*)	—
483	Radio and television broadcasting .....	210.14	213.17	223.65	228.15	—	5.43	5.48	5.72	5.85	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1975	June 1975	April 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>	May 1975	June 1975	April 1976	May 1976 <sup>p</sup>	June 1976 <sup>p</sup>
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b> .....	36.7	36.8	36.9	37.5	37.4	2.0	2.0	2.2	2.5	—
271	Newspapers .....	34.4	34.5	33.8	34.1	34.5	1.8	1.7	1.5	1.6	—
272	Periodicals .....	37.8	38.8	37.8	38.4	—	2.4	2.4	2.6	2.7	—
273	Books .....	37.9	36.8	38.1	39.4	—	2.2	1.6	2.7	3.1	—
275	Commercial printing .....	37.5	37.6	38.3	38.7	(*)	2.3	2.3	2.7	3.1	—
2751	Commercial printing, except lithographic .....	37.4	37.7	38.2	38.8	—	2.4	2.3	2.7	3.2	—
2752	Commercial printing, lithographic .....	37.5	37.1	38.2	38.4	—	2.3	2.3	2.7	2.9	—
278	Blankbooks and bookbinding .....	37.6	38.3	37.7	38.9	38.9	1.2	1.4	1.4	2.1	—
274,6,7,9	Other publishing and printing ind. ....	37.3	38.0	37.4	38.1	38.4	1.6	1.9	1.7	2.2	—
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	40.6	40.9	41.7	41.6	41.4	2.4	2.6	3.4	3.2	—
281	Industrial chemicals .....	40.9	41.3	42.5	42.0	(*)	2.4	2.8	4.3	3.4	—
2812	Alkalies and chlorine .....	42.6	43.4	43.7	41.5	—	—	—	—	—	—
2818	Industrial organic chemicals, nec. ....	41.0	41.2	43.5	42.4	—	2.1	2.4	5.4	3.6	—
2819	Industrial inorganic chemicals, nec. ....	40.3	40.6	41.1	41.2	—	2.3	3.1	3.4	2.9	—
282	Plastics materials and synthetics .....	40.6	41.0	42.5	41.5	(*)	1.9	2.3	3.2	2.9	—
2821	Plastics materials and resins .....	41.1	41.8	43.1	43.7	—	2.5	3.2	4.4	5.0	—
2823,4	Synthetic fibers .....	40.2	40.6	42.0	40.0	—	1.5	1.8	2.2	1.4	—
283	Drugs .....	40.6	40.4	40.1	40.8	40.9	2.3	2.1	2.0	2.8	—
2834	Pharmaceutical preparations .....	40.5	40.3	39.9	40.7	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods .....	40.0	40.3	39.9	40.7	(*)	2.1	2.4	2.0	2.6	—
2841	Soap and other detergents .....	41.3	41.6	40.8	42.1	—	—	—	—	—	—
2844	Toilet preparations .....	39.2	39.6	39.0	39.9	—	—	—	—	—	—
285	Paints and allied products .....	40.0	40.7	40.5	42.0	(*)	2.4	2.9	2.6	4.2	—
287	Agricultural chemicals .....	42.3	41.8	44.8	42.7	(*)	4.6	4.0	6.7	5.0	—
2871,2	Fertilizers, complete and mixing only .....	42.3	41.3	45.7	43.0	—	—	—	—	—	—
286,9	Other chemical products .....	40.1	40.5	40.9	41.4	(*)	2.3	2.5	2.5	3.0	—
2892	Explosives .....	40.2	40.1	41.3	40.0	—	—	—	—	—	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> ....	41.5	41.5	42.2	42.2	42.6	3.0	3.1	3.0	3.5	—
291	Petroleum refining .....	41.1	40.9	42.2	41.8	(*)	2.5	2.2	2.4	2.9	—
295,9	Other petroleum and coal products .....	42.6	43.1	42.1	43.3	(*)	4.7	5.9	4.7	5.3	—
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> ..	39.4	39.8	39.4	40.5	40.4	2.4	2.7	2.4	3.1	—
301	Tires and inner tubes .....	41.6	41.6	41.3	43.5	(*)	3.8	4.0	3.5	4.8	—
302,3,6	Other rubber products .....	38.4	38.9	38.9	40.6	40.3	1.7	2.0	1.9	2.6	—
302	Rubber footwear .....	36.1	36.8	35.0	35.9	—	1.1	1.3	1.0	.8	—
307	Miscellaneous plastics products .....	39.1	39.6	39.0	40.2	40.2	2.2	2.5	2.4	3.2	—
31	<b>LEATHER AND LEATHER PRODUCTS</b> ....	36.8	38.2	37.0	38.4	38.0	1.4	2.1	1.6	2.1	—
311	Leather tanning and finishing .....	39.9	40.7	40.0	40.2	(*)	3.3	3.8	3.7	3.5	—
314	Footwear, except rubber .....	36.5	38.0	37.0	38.5	(*)	1.2	2.0	1.5	2.0	—
312,3,5,7,9	Other leather products .....	36.6	37.7	35.9	37.4	(*)	1.3	1.8	1.1	1.7	—
316	Luggage .....	36.9	36.7	34.6	36.9	—	1.4	1.2	1.2	2.1	—
317	Handbags and personal leather goods .....	37.1	39.0	35.5	37.5	—	1.6	2.4	.8	1.8	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.1	39.7	39.6	39.7	39.6	—	—	—	—	—
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....	41.8	42.8	(*)	(*)	—	—	—	—	—	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	40.1	40.4	40.0	40.9	—	—	—	—	—	—
413	Intercity highway transportation .....	38.4	38.5	39.3	39.1	—	—	—	—	—	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	39.6	40.2	39.7	40.3	—	—	—	—	—	—
421,3	Trucking and trucking terminals .....	39.6	40.2	39.8	40.4	—	—	—	—	—	—
422	Public warehousing .....	39.1	39.9	38.9	39.0	—	—	—	—	—	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	41.1	40.5	41.4	41.1	—	—	—	—	—	—
48	<b>COMMUNICATION</b> .....	38.2	38.7	38.9	38.6	—	—	—	—	—	—
481	Telephone communication .....	38.0	38.5	38.8	38.4	—	—	—	—	—	—
4817	Switchboard operating employees <sup>3</sup> .....	33.4	33.9	34.7	33.6	—	—	—	—	—	—
4818	Line construction employees <sup>4</sup> .....	42.4	43.1	42.0	41.7	—	—	—	—	—	—
482	Telegraph communication <sup>5</sup> .....	41.6	41.1	41.1	(*)	—	—	—	—	—	—
483	Radio and television broadcasting .....	38.7	38.9	39.1	39.0	—	—	—	—	—	—

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
-	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$241.72	\$245.74	\$265.97	\$266.09	-	\$5.91	\$5.95	\$6.44	\$6.49	-
491	Electric companies and systems	246.02	250.47	268.32	265.27	-	6.03	6.05	6.45	6.47	-
492	Gas companies and systems	217.95	221.05	241.98	243.82	-	5.49	5.54	5.96	6.05	-
493	Combination companies and systems	267.30	272.39	298.69	301.81	-	6.41	6.47	7.18	7.29	-
494-7	Water, steam, and sanitary systems	200.86	202.03	216.41	215.06	-	4.84	4.88	5.24	5.22	-
-	<b>WHOLESALE AND RETAIL TRADE</b>	124.99	127.19	131.71	132.33	\$133.91	3.72	3.73	3.92	3.95	\$3.95
50	<b>WHOLESALE TRADE</b>	185.96	187.98	196.86	199.56	199.04	4.83	4.87	5.10	5.17	5.13
501	Motor vehicles and automotive equipment	169.17	171.65	179.08	182.42	-	4.36	4.39	4.58	4.63	-
502	Drugs, chemicals, and allied products	186.37	191.89	200.46	199.39	-	5.01	5.09	5.36	5.36	-
503	Dry goods and apparel	155.14	156.09	168.48	169.31	-	4.37	4.30	4.68	4.69	-
504	Groceries and related products	180.34	183.22	192.61	194.16	-	4.66	4.71	4.99	5.03	-
506	Electrical goods	201.60	203.81	214.73	219.05	-	5.04	5.07	5.45	5.49	-
507	Hardware; plumbing and heating equipment	173.74	175.34	191.59	186.92	-	4.56	4.59	4.90	4.83	-
508	Machinery, equipment, and supplies	205.77	206.96	215.42	221.05	-	5.17	5.20	5.44	5.54	-
509	Miscellaneous wholesalers	184.24	185.88	193.29	197.69	-	4.90	4.97	5.10	5.23	-
52-59	<b>RETAIL TRADE</b>	106.25	109.22	112.35	112.64	114.73	3.31	3.33	3.50	3.52	3.53
53	Retail general merchandise	98.85	101.41	105.09	105.03	-	3.22	3.24	3.39	3.41	-
531	Department stores	101.54	104.47	108.06	107.01	-	3.34	3.37	3.52	3.52	-
532	Mail order houses	135.38	135.12	141.20	142.30	-	4.09	4.07	4.19	4.21	-
533	Variety stores	77.48	79.95	84.56	83.46	-	2.60	2.63	2.80	2.81	-
54	Food stores	125.05	129.69	137.05	138.24	-	3.92	3.93	4.23	4.28	-
541-3	Grocery, meat, and vegetable stores	128.72	133.53	141.16	142.79	-	4.01	4.01	4.33	4.38	-
56	Apparel and accessory stores	89.40	92.11	96.98	95.06	-	3.00	3.02	3.19	3.19	-
561	Men's and boys' clothing and furnishings	113.63	117.10	121.66	121.16	-	3.54	3.57	3.79	3.81	-
562	Women's ready-to-wear stores	79.15	80.54	85.85	84.10	-	2.72	2.73	2.91	2.91	-
565	Family clothing stores	86.98	91.42	93.62	93.02	-	2.88	2.92	3.02	3.06	-
566	Shoe stores	88.52	91.42	98.83	94.46	-	3.15	3.12	3.35	3.28	-
57	Furniture and home furnishings stores	143.11	146.49	149.09	149.45	-	3.91	3.97	4.13	4.14	-
571	Furniture and home furnishings	144.99	148.43	152.40	153.24	-	3.94	3.99	4.21	4.21	-
58	Eating and drinking places <sup>B</sup>	71.21	73.25	71.40	71.94	-	2.49	2.50	2.55	2.56	-
52,55,59	Other retail trade	133.96	136.53	141.99	142.69	-	3.67	3.69	3.89	3.92	-
52	Building materials and farm equipment	146.66	148.93	156.02	157.21	-	3.78	3.78	3.96	3.99	-
551,2	Motor vehicle dealers	176.51	181.83	192.46	194.04	-	4.48	4.58	4.86	4.90	-
553,9	Other automotive and accessory dealers	146.83	150.00	159.18	159.58	-	3.68	3.75	4.04	4.04	-
591	Drug stores and proprietary stores	96.30	99.19	102.79	103.36	-	3.21	3.21	3.37	3.40	-
594	Book and stationery stores	115.91	115.90	119.57	119.24	-	3.46	3.47	3.58	3.57	-
598	Fuel and ice dealers	169.46	169.42	177.80	176.17	-	4.29	4.30	4.49	4.46	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	149.19	151.84	158.84	160.38	158.11	4.11	4.16	4.34	4.37	4.32
60	Banking	127.43	130.30	133.22	135.05	-	3.53	3.56	3.66	3.69	-
61	Credit agencies other than banks	135.79	139.50	142.46	144.35	-	3.66	3.73	3.84	3.87	-
612	Savings and loan associations	132.49	137.64	139.83	142.43	-	3.62	3.70	3.81	3.86	-
62	Security, commodity brokers and services	267.14	270.23	298.68	(*)	-	7.03	7.13	7.60	(*)	-
63	Insurance carriers	157.93	160.21	167.77	169.34	-	4.28	4.33	4.51	4.54	-
631	Life insurance	158.36	158.61	165.31	165.68	-	4.28	4.31	4.48	4.49	-
632	Accident and health insurance	142.88	146.29	161.45	163.67	-	3.98	4.03	4.26	4.33	-
633	Fire, marine, and casualty insurance	162.19	165.31	171.21	173.25	-	4.36	4.42	4.59	4.62	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
—	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	40.9	41.3	41.3	41.0	—	—	—	—	—	
491	Electric companies and systems	40.8	41.4	41.6	41.0	—	—	—	—	—	
492	Gas companies and systems	39.7	39.9	40.6	40.3	—	—	—	—	—	
493	Combination companies and systems	41.7	42.1	41.6	41.4	—	—	—	—	—	
494.7	Water, steam, and sanitary systems	41.5	41.4	41.3	41.2	—	—	—	—	—	
—	<b>WHOLESALE AND RETAIL TRADE</b>	33.6	34.1	33.6	33.5	33.9	—	—	—	—	
50	<b>WHOLESALE TRADE</b>	38.5	38.6	38.6	38.6	38.8	—	—	—	—	
501	Motor vehicles and automotive equipment	38.8	39.1	39.1	39.4	—	—	—	—	—	
502	Drugs, chemicals, and allied products	37.2	37.7	37.4	37.2	—	—	—	—	—	
503	Dry goods and apparel	35.5	36.3	36.0	36.1	—	—	—	—	—	
504	Groceries and related products	38.7	38.9	38.6	38.6	—	—	—	—	—	
506	Electrical goods	40.0	40.2	39.4	39.9	—	—	—	—	—	
507	Hardware; plumbing and heating equipment	38.1	38.2	39.1	38.7	—	—	—	—	—	
508	Machinery, equipment, and supplies	39.8	39.8	39.6	39.9	—	—	—	—	—	
509	Miscellaneous wholesalers	37.6	37.4	37.9	37.8	—	—	—	—	—	
52-59	<b>RETAIL TRADE</b>	32.1	32.8	32.1	32.0	32.5	—	—	—	—	
53	Retail general merchandise	30.7	31.3	31.0	30.8	—	—	—	—	—	
531	Department stores	30.4	31.0	30.7	30.4	—	—	—	—	—	
532	Mail order houses	33.1	33.2	33.7	33.8	—	—	—	—	—	
533	Variety stores	29.8	30.4	30.2	29.7	—	—	—	—	—	
54	Food stores	31.9	33.0	32.4	32.3	—	—	—	—	—	
541.3	Grocery, meat, and vegetable stores	32.1	33.3	32.6	32.6	—	—	—	—	—	
56	Apparel and accessory stores	29.8	30.5	30.4	29.8	—	—	—	—	—	
561	Men's and boys' clothing and furnishings	32.1	32.8	32.1	31.8	—	—	—	—	—	
562	Women's ready-to-wear stores	29.1	29.5	29.5	28.9	—	—	—	—	—	
565	Family clothing stores	30.2	31.2	31.0	30.4	—	—	—	—	—	
566	Shoe stores	28.1	29.3	29.5	28.8	—	—	—	—	—	
57	Furniture and home furnishings stores	36.6	36.9	36.1	36.1	—	—	—	—	—	
571	Furniture and home furnishings	36.8	37.2	36.2	36.4	—	—	—	—	—	
58	Eating and drinking places <sup>6</sup>	28.6	29.3	28.0	28.1	—	—	—	—	—	
52,55,59	Other retail trade	36.5	37.0	36.5	36.4	—	—	—	—	—	
52	Building materials and farm equipment	38.8	39.4	39.4	39.4	—	—	—	—	—	
551.2	Motor vehicle dealers	39.4	39.7	39.6	39.6	—	—	—	—	—	
553.9	Other automotive and accessory dealers	39.9	40.0	39.4	39.5	—	—	—	—	—	
591	Drug stores and proprietary stores	30.0	30.9	30.5	30.4	—	—	—	—	—	
594	Book and stationery stores	33.5	33.4	33.4	33.4	—	—	—	—	—	
598	Fuel and ice dealers	39.5	39.4	39.6	39.5	—	—	—	—	—	
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	36.3	36.5	36.6	36.7	36.6	—	—	—	—	
60	Banking	36.1	36.6	36.4	36.6	—	—	—	—	—	
61	Credit agencies other than banks	37.1	37.4	37.1	37.3	—	—	—	—	—	
612	Savings and loan associations	36.6	37.2	36.7	36.9	—	—	—	—	—	
62	Security, commodity brokers and services	38.0	37.9	39.3	(*)	—	—	—	—	—	
63	Insurance carriers	36.9	37.0	37.2	37.3	—	—	—	—	—	
631	Life insurance	37.0	36.8	36.9	36.9	—	—	—	—	—	
632	Accident and health insurance	35.9	36.3	37.9	37.8	—	—	—	—	—	
633	Fire, marine, and casualty insurance	37.2	37.4	37.3	37.5	—	—	—	—	—	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers <sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
-	<b>SERVICES</b> .....	\$134.74	\$137.08	\$143.19	\$144.62	\$145.92	\$4.01	\$4.02	\$4.30	\$4.33	\$4.33
	Hotels and other lodging places:										
	Hotels, tourist courts, and motels <sup>6</sup> .....	89.04	89.19	93.85	96.28	-	2.80	2.77	2.97	2.99	-
	Personal services:										
721	Laundries and dry cleaning plants .....	106.55	106.25	112.70	113.37	-	3.01	3.01	3.22	3.23	-
722	Photographic studios .....	104.28	103.35	114.92	116.28	-	3.16	3.18	3.41	3.43	-
	Motion pictures:										
781	Motion picture filming and distributing .....	240.54	244.72	257.68	259.50	-	6.33	6.44	6.41	6.52	-
806	Hospitals .....	126.85	129.00	140.83	141.66	-	3.72	3.75	4.13	4.13	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> Beginning January 1965, data relate to line haul railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1975, such employees made up 30 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft

persons; and laborers. In 1975, such employees made up 47 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice sales agents excluded from all series in this division.

\* Not available.

p=preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>	May 1975	June 1975	April 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
-	<b>SERVICES</b> .....	33.6	34.1	33.3	33.4	33.7	-	-	-	-	-
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	31.8	32.2	31.6	32.2	-	-	-	-	-	-
	Personal services:										
721	Laundries and dry cleaning plants .....	35.4	35.3	35.0	35.1	-	-	-	-	-	-
722	Photographic studios .....	33.0	32.5	33.7	33.9	-	-	-	-	-	-
	Motion pictures:										
781	Motion picture filming and distributing ...	38.0	38.0	40.2	39.8	-	-	-	-	-	-
806	Hospitals .....	34.1	34.4	34.1	34.3	-	-	-	-	-	-

<sup>1</sup> As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion

of SIC 372.

The series shown below include these payments as well as an additional 17 cents delayed payment for employees in a number of companies which had been pending as a consequence of litigation.

These payments were due under labor-management contracts the last of which expired in November 1973.

Average hourly earnings September 1971–November 1973 (revised to March 1974 benchmarks)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>SIC 372</b>													
1971 .....	\$4.36	-	-	-	-	-	-	-	-	\$4.42	\$4.46	\$4.51	\$4.62
1972 .....	4.74	\$4.60	\$4.80	\$4.64	\$4.70	\$4.71	\$4.72	\$4.71	\$4.79	4.80	4.83	4.87	4.93
1973 .....	5.02	4.90	4.91	4.92	4.92	4.94	4.96	4.98	5.06	5.06	5.12	5.15	-
<b>SIC 3721</b>													
1971 .....	4.42	-	-	-	-	-	-	-	-	4.51	4.56	4.63	4.73
1972 .....	4.85	4.72	4.68	4.74	4.83	4.82	4.83	4.79	4.89	4.90	4.94	4.99	5.04
1973 .....	5.13	5.00	5.04	5.05	5.03	5.08	-	-	-	-	-	-	-
<b>SIC 3722</b>													
1971 .....	4.38	-	-	-	-	-	-	-	-	4.38	4.43	4.48	4.64
1972 .....	4.76	4.61	4.64	4.65	4.66	4.70	4.71	4.77	4.82	4.83	4.85	4.87	5.01
1973 .....	5.06	4.95	4.95	4.96	-	-	-	-	-	-	-	-	-
<b>SIC 3723, 9</b>													
1971 .....	4.17	-	-	-	-	-	-	-	-	4.24	4.24	4.24	4.33
1972 .....	4.44	4.28	4.33	4.38	4.40	4.45	4.46	4.45	4.47	4.50	4.50	4.54	4.56
1973 .....	4.68	4.56	4.53	4.58	4.60	4.59	4.64	4.68	4.71	4.74	4.78	4.84	-

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-3. Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government

[Employment in thousands—includes both supervisory and nonsupervisory employees]

Item	1974												1975
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Executive Branch</b>													
Total employment . . . . .	2,616.5	2,638.7	2,647.1	2,664.1	2,677.3	2,710.4	2,737.8	2,713.7	2,680.8	2,673.1	2,676.5	2,711.0	2,663.9
Average weekly hours . . . . .	(*)	39.3	39.6	39.5	39.2	39.3	(*)	(*)	39.5	39.6	(*)	40.8	(*)
Average overtime hours . . . . .	(*)	1.0	1.2	1.0	1.0	1.1	(*)	(*)	1.1	1.2	(*)	2.4	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	(*)	167.7	168.4	170.2	169.1	171.7	(*)	(*)	172.3	173.6	(*)	190.3	(*)
Average hourly earnings . . . . .	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)	171.9	172.7	(*)	183.8	(*)
<b>Department of Defense</b>													
Total employment . . . . .	946.2	950.2	953.3	958.2	966.4	988.4	990.3	977.8	962.9	959.7	960.0	957.8	953.1
Average weekly hours . . . . .	(*)	39.8	40.0	40.0	39.9	39.9	(*)	(*)	39.9	40.1	(*)	40.1	(*)
Average overtime hours . . . . .	(*)	.7	.9	.7	.8	.9	(*)	(*)	.8	.8	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	(*)	164.7	164.2	170.4	166.5	172.9	(*)	(*)	164.8	167.0	(*)	175.7	(*)
Average hourly earnings . . . . .	(*)	166.8	165.4	171.7	168.1	174.7	(*)	(*)	166.5	167.8	(*)	176.6	(*)
<b>Postal service</b>													
Total employment . . . . .	704.5	704.2	702.0	702.7	701.7	704.4	703.9	701.8	697.0	695.7	700.7	740.5	697.4
Average weekly hours . . . . .	(*)	39.4	39.7	39.4	38.8	38.8	(*)	(*)	39.8	40.6	(*)	45.1	(*)
Average overtime hours . . . . .	(*)	1.3	1.6	1.4	.9	.9	(*)	(*)	1.4	1.9	(*)	6.7	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	(*)	180.5	182.8	181.1	183.6	183.3	(*)	(*)	195.8	201.1	(*)	243.6	(*)
Average hourly earnings . . . . .	(*)	176.8	177.7	177.4	182.6	182.3	(*)	(*)	189.9	191.2	(*)	208.5	(*)
<b>Other agencies</b>													
Total employment . . . . .	965.8	984.3	991.8	1,003.2	1,009.2	1,017.6	1,043.6	1,034.1	1,020.9	1,017.7	1,015.8	1,012.7	1,013.4
Average weekly hours . . . . .	(*)	38.9	39.1	39.0	38.8	39.0	(*)	(*)	38.9	38.5	(*)	38.5	(*)
Average overtime hours . . . . .	(*)	1.1	1.1	1.1	1.2	1.4	(*)	(*)	1.3	1.1	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	(*)	164.5	164.9	164.5	164.1	164.0	(*)	(*)	166.3	164.8	(*)	174.1	(*)
Average hourly earnings . . . . .	(*)	164.1	163.6	163.6	164.1	163.1	(*)	(*)	165.8	166.1	(*)	175.5	(*)

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

\* Not available.

## C-4. Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	May 1975	June 1975	Apr. 1976	May <sup>p</sup> 1976	June <sup>p</sup> 1976
<b>MANUFACTURING</b> . . . . .	\$ 4.61	\$ 4.63	\$ 4.92	\$ 4.93	\$ 4.95
<b>DURABLE GOODS</b> . . . . .	4.93	4.95	5.26	5.28	5.29
Ordnance and accessories . . . . .	4.99	5.01	5.47	5.52	-
Lumber and wood products . . . . .	4.02	4.09	4.34	4.39	-
Furniture and fixtures . . . . .	3.64	3.65	3.82	3.82	-
Stone, clay, and glass products . . . . .	4.63	4.66	4.97	5.00	-
Primary metal industries . . . . .	5.86	5.89	6.52	6.45	-
Fabricated metal products . . . . .	4.85	4.88	5.13	5.19	-
Machinery, except electrical . . . . .	5.12	5.15	5.47	5.49	-
Electrical equipment and supplies . . . . .	4.45	4.49	4.67	4.67	-
Transportation equipment . . . . .	5.73	5.77	6.12	6.16	-
Instruments and related products . . . . .	4.43	4.45	4.66	4.67	-
Miscellaneous manufacturing industries . . . . .	3.68	3.70	3.87	3.88	-
<b>NONDURABLE GOODS</b> . . . . .	4.17	4.18	4.44	4.42	4.45
Food and kindred products . . . . .	4.33	4.34	4.68	4.69	-
Tobacco manufactures . . . . .	4.69	4.72	5.04	5.04	-
Textile mill products . . . . .	3.22	3.22	3.41	3.42	-
Apparel and other textile products . . . . .	3.11	3.11	3.33	3.32	-
Paper and allied products . . . . .	4.66	4.73	5.02	5.03	-
Printing and publishing . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products . . . . .	5.15	5.19	5.55	5.58	-
Petroleum and coal products . . . . .	6.10	6.15	6.88	6.83	-
Rubber and plastics products, nec . . . . .	4.17	4.19	4.37	4.20	-
Leather and leather products . . . . .	3.14	3.13	3.34	3.33	-

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

<sup>p</sup> = preliminary.

<sup>2</sup> Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry division, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	May 1975	Apr. 1976	May 1976 <sup>P</sup>	May 1975	Apr. 1976	May 1976 <sup>P</sup>	May 1975	Apr. 1976	May 1976 <sup>P</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$160.38	\$171.24	\$174.48	\$131.25	\$140.26	\$142.60	\$145.37	\$152.63	\$155.13
1967 dollars	100.68	101.81	103.12	82.39	83.39	84.28	91.26	90.74	91.68
<b>MINING:</b>									
Current dollars	247.51	267.76	270.94	193.74	210.46	212.73	210.91	225.96	228.42
1967 dollars	155.37	159.19	160.13	121.62	125.12	125.73	132.40	134.34	135.00
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	262.73	278.25	284.23	204.76	217.96	222.23	222.67	234.01	238.54
1967 dollars	164.93	165.43	167.98	128.54	129.58	131.34	139.78	139.13	140.98
<b>MANUFACTURING:</b>									
Current dollars	185.25	198.74	205.82	148.38	160.10	165.22	164.12	173.37	178.69
1967 dollars	116.29	118.16	121.64	93.15	95.18	97.65	103.03	103.07	105.61
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	226.00	251.46	253.29	177.97	198.81	200.12	194.17	213.37	214.77
1967 dollars	141.87	149.50	149.70	111.72	118.20	118.27	121.89	126.85	126.93
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	124.99	131.71	132.33	105.28	110.82	111.29	117.68	124.00	124.49
1967 dollars	78.46	78.31	78.21	66.09	65.89	65.77	73.87	73.72	73.58
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	149.19	158.84	160.38	122.98	131.21	132.37	137.37	143.07	144.25
1967 dollars	93.65	94.44	94.79	77.20	78.01	78.23	86.23	85.06	85.25
<b>SERVICES:</b>									
Current dollars	134.74	143.19	144.62	112.41	119.45	120.52	126.86	131.92	132.90
1967 dollars	84.58	85.13	85.47	70.56	71.02	71.23	79.64	78.43	78.55
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	159.3	168.2	169.2	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

<sup>1</sup>For coverage of series, see footnote 1, table B-2.

p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group**

[1967 = 100]

Industry division and group	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
	Hours				
<b>TOTAL</b> .....	105.6	108.2	108.8	110.7	113.1
<b>GOODS-PRODUCING</b> .....	88.9	91.2	92.5	95.5	98.0
<b>MINING</b> .....	119.7	122.8	122.8	124.9	130.5
<b>CONTRACT CONSTRUCTION</b> .....	99.4	102.1	93.2	98.6	105.5
<b>MANUFACTURING</b> .....	86.0	88.2	91.3	94.0	95.5
<b>DURABLE GOODS</b> .....	85.5	86.9	89.9	93.5	95.2
Ordnance and accessories .....	46.3	46.5	39.4	39.7	39.6
Lumber and wood products .....	85.2	90.9	94.0	97.1	101.4
Furniture and fixtures .....	85.9	89.0	100.1	102.8	105.0
Stone, clay, and glass products .....	93.3	95.6	96.5	100.2	103.0
Primary metal industries .....	82.8	82.6	86.5	88.2	90.4
Fabricated metal products .....	88.8	90.3	93.6	97.9	99.1
Machinery, except electrical .....	92.8	92.4	91.6	94.0	94.5
Electrical equipment and supplies .....	81.3	82.6	87.7	91.2	92.8
Transportation equipment .....	81.3	83.1	86.8	93.1	94.7
Instruments and related products .....	96.5	97.9	104.5	108.9	110.3
Miscellaneous manufacturing .....	85.7	88.1	90.8	94.6	96.0
<b>NONDURABLE GOODS</b> .....	86.8	90.2	93.2	94.7	96.1
Food and kindred products .....	87.7	92.4	88.5	91.4	94.9
Tobacco manufactures .....	70.4	76.9	74.7	73.0	70.6
Textile mill products .....	85.3	89.3	94.8	98.9	99.8
Apparel and other textile products .....	79.9	83.5	88.6	91.3	92.4
Paper and allied products .....	84.6	88.0	93.6	96.8	98.1
Printing and publishing .....	91.6	91.7	91.6	93.0	92.2
Chemicals and allied products .....	92.4	94.1	99.9	99.1	99.5
Petroleum and coal products .....	104.8	109.0	112.3	113.8	117.5
Rubber and plastics products, nec .....	103.6	107.1	117.6	106.1	108.0
Leather and leather products .....	67.8	73.1	76.6	80.2	80.8
<b>SERVICE-PRODUCING</b> .....	117.2	119.9	120.2	121.1	123.5
<b>TRANSPORTATION AND PUBLIC     UTILITIES</b> .....	100.0	102.4	101.0	101.6	103.4
<b>WHOLESALE AND RETAIL TRADE</b> .....	112.6	115.5	115.8	116.4	118.8
<b>WHOLESALE TRADE</b> .....	110.2	111.6	112.1	112.7	114.8
<b>RETAIL TRADE</b> .....	113.5	117.0	117.2	117.8	120.3
<b>FINANCE, INSURANCE, AND     REAL ESTATE</b> .....	122.5	124.7	125.4	125.9	127.9
<b>SERVICES</b> .....	130.0	132.6	133.4	135.1	137.9

<sup>1</sup>For coverage of series, see footnote 1, table B-2.

p = preliminary.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

[1967 = 100]

Industry division and group	May 1975	June 1975	Apr. 1976	May 1976 <sup>P</sup>	June 1976 <sup>P</sup>
	Payrolls				
<b>TOTAL</b> .....	176.9	182.3	194.0	199.4	204.1
<b>GOODS-PRODUCING</b> .....	152.1	157.1	167.3	175.0	180.6
<b>MINING</b> .....	218.2	226.0	243.7	249.4	259.6
<b>CONTRACT CONSTRUCTION</b> .....	172.0	178.3	170.0	182.7	195.2
<b>MANUFACTURING</b> .....	144.4	149.0	163.6	170.2	173.8
<b>DURABLE GOODS</b> .....	144.1	147.6	162.1	170.9	174.7
Ordnance and accessories .....	74.9	75.6	69.1	70.5	69.7
Lumber and wood products .....	150.1	163.5	179.6	188.4	200.0
Furniture and fixtures .....	136.7	142.4	168.1	173.6	178.5
Stone, clay, and glass products .....	159.7	165.2	178.1	186.9	193.4
Primary metal industries .....	149.7	150.2	175.2	177.5	182.5
Fabricated metal products .....	148.4	152.5	165.7	177.8	180.7
Machinery, except electrical .....	154.0	154.2	161.3	167.8	169.2
Electrical equipment and supplies .....	132.8	136.5	150.6	158.0	161.4
Transportation equipment .....	139.3	144.2	159.5	175.7	179.5
Instruments and related products .....	152.9	156.0	175.0	184.1	187.2
Miscellaneous manufacturing .....	136.8	141.8	152.8	160.4	162.9
<b>NONDURABLE GOODS</b> .....	145.0	151.4	166.2	169.0	172.4
Food and kindred products .....	150.2	159.1	163.7	169.7	177.5
Tobacco manufactures .....	148.0	165.6	168.5	165.2	160.2
Textile mill products .....	138.2	145.0	162.4	171.8	173.8
Apparel and other textile products .....	124.0	130.0	147.3	151.9	154.1
Paper and allied products .....	143.1	151.9	171.5	179.1	183.5
Printing and publishing .....	148.7	149.6	156.5	160.1	159.5
Chemicals and allied products .....	157.8	162.2	185.7	185.0	187.5
Petroleum and coal products .....	185.3	194.3	223.5	226.2	235.1
Rubber and plastics products, nec .....	162.2	168.8	192.8	168.7	172.1
Leather and leather products .....	104.9	113.6	126.5	132.6	133.8
<b>SERVICE-PRODUCING</b> .....	198.1	203.9	217.0	220.3	224.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	178.6	184.5	198.4	200.5	204.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	186.4	192.1	202.3	205.1	209.1
<b>WHOLESALE TRADE</b> .....	185.1	188.9	198.7	202.5	204.8
<b>RETAIL TRADE</b> .....	187.1	193.8	204.2	206.5	211.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	194.7	200.8	210.5	213.0	214.0
<b>SERVICES</b> .....	227.5	233.2	250.8	255.9	260.9

<sup>1</sup>For coverage of series, see footnote 1, table B-2.

p = preliminary.





**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-11. Indexes of output and compensation per hour, unit costs, and prices,  
private economy, seasonally adjusted**

[1967 = 100]

Item	Annual average		Quarterly indexes											
			1973		1974				1975			1976		
	1974	1975	III	IV	I	II	III	IV	I	II	III	IV	I	
<b>Total private:</b>														
Output per hour of all persons .....	110.8	112.2	113.3	113.2	111.7	111.0	110.4	109.5	109.8	111.4	114.0	114.2	115.9	
Output .....	121.5	118.5	124.6	125.0	123.3	122.5	121.6	118.7	115.6	116.5	120.1	121.8	124.5	
Hours .....	109.7	105.6	110.0	110.4	110.4	110.4	110.1	108.5	105.3	104.6	105.3	106.6	107.5	
Compensation per hour .....	165.7	180.8	152.1	155.6	158.4	163.3	168.2	172.2	176.6	179.3	182.2	185.7	189.6	
Real compensation per hour .....	112.2	112.2	113.3	113.2	111.8	112.2	112.3	111.7	112.3	112.3	111.9	112.2	113.3	
Unit labor costs .....	149.6	161.1	134.2	137.4	141.8	147.1	152.3	157.3	160.9	161.0	159.8	162.6	163.6	
Unit nonlabor payments .....	133.4	149.7	127.9	130.0	130.4	131.0	134.1	138.5	141.4	145.4	154.6	156.8	158.5	
Implicit price deflator .....	143.4	156.7	131.8	134.6	137.5	141.0	145.4	150.1	153.5	155.1	157.8	160.4	161.7	
<b>Private nonfarm:</b>														
Output per hour of all persons .....	109.5	110.4	112.1	111.6	110.7	109.7	109.0	107.9	107.7	109.8	112.3	112.1	113.4	
Output .....	122.0	118.5	125.3	125.3	123.9	123.0	122.2	119.1	115.5	116.7	120.0	121.7	124.4	
Hours .....	111.5	107.3	111.8	112.3	111.9	112.2	112.1	110.3	107.2	106.3	106.8	108.5	109.6	
Compensation per hour .....	163.8	178.6	150.5	153.8	157.0	161.4	165.8	170.2	173.9	176.8	180.5	183.4	186.9	
Real compensation per hour .....	110.9	110.8	112.0	111.9	110.9	111.0	110.8	110.4	110.6	110.8	110.9	110.8	111.7	
Unit labor costs .....	149.7	161.7	134.2	137.8	141.9	147.2	152.2	157.6	161.5	161.0	160.8	163.6	164.8	
Unit nonlabor payments .....	128.4	145.7	120.6	122.4	122.9	127.0	130.3	133.6	138.5	142.7	149.3	152.0	154.7	
Implicit price deflator .....	141.6	155.7	129.1	132.0	134.7	139.6	144.0	148.6	152.8	154.1	156.4	159.2	161.0	
<b>Manufacturing:</b>														
Output per hour of all persons .....	113.3	112.5	118.3	115.6	113.9	113.9	112.3	110.7	110.2	111.0	113.7	115.2	116.1	
Output .....	115.4	104.1	122.3	120.8	118.2	116.8	115.3	109.6	101.9	100.8	105.0	108.7	111.8	
Hours .....	101.8	92.5	103.4	104.4	103.7	102.6	102.6	99.0	92.5	90.8	92.3	94.3	96.3	
Compensation per hour .....	161.1	177.8	147.5	150.7	153.0	158.7	163.3	169.1	173.2	176.6	179.4	182.2	185.9	
Real compensation per hour .....	109.1	110.3	109.8	109.6	108.1	109.1	109.0	109.7	110.2	110.6	110.2	110.1	111.1	
Unit labor costs .....	142.2	158.1	124.7	130.4	134.3	139.4	145.4	152.8	157.2	159.0	157.7	158.1	160.1	
<b>Nonfinancial corporations:</b>														
Output per all-employee hour .....	112.5	116.5	115.9	115.0	114.1	113.4	111.8	110.9	111.9	116.4	119.2	118.6	119.3	
Output .....	127.8	124.7	132.0	132.1	130.7	129.4	127.5	123.9	119.8	123.1	127.3	128.4	131.0	
Hours .....	113.6	107.0	113.9	114.9	114.6	114.2	114.1	111.7	107.1	105.7	106.8	108.3	109.8	
Compensation per hour .....	165.6	182.2	152.7	155.6	159.0	163.5	167.9	172.4	177.3	180.5	183.7	187.0	190.3	
Real compensation per hour .....	112.2	113.0	113.7	113.2	112.3	112.4	112.1	111.9	112.8	113.1	112.8	113.0	113.8	
Total unit costs .....	151.2	163.3	134.3	138.0	142.4	147.8	154.3	160.5	164.7	162.1	161.6	164.9	165.9	
Unit labor costs .....	147.3	156.3	131.7	135.3	139.4	144.2	150.1	155.5	158.5	155.0	154.1	157.6	159.5	
Unit nonlabor costs .....	163.5	185.2r	142.1	146.5	151.9	159.0	167.2	176.1	183.9	184.1	184.9	187.6	185.8	
Unit profits .....	73.5	94.1	84.4	84.2	77.5	78.8	71.4	65.8	68.6	91.5	108.3	106.2	112.3	
Implicit price deflator .....	139.7	153.0	126.9	130.0	132.8	137.6	142.0	146.4	150.4	151.6	153.7	156.2	157.9	

p= preliminary.

r= revised.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-12. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate**

Item	Quarterly percent change						Annual percent change					
	III 1974	IV 1974	I 1975	II 1975	III 1975	IV 1975	IV 1973	I 1974	II 1974	III 1974	IV 1974	I 1975
	to IV 1974	to I 1975	to II 1975	to III 1975	to IV 1975	to I 1976	to IV 1974	to I 1975	to II 1975	to III 1975	to IV 1975	to I 1976
<b>Total private:</b>												
Output per hour of all persons .....	- 3.5	1.1	5.9	9.9	0.6	6.1	- 3.3	- 1.7	0.3	3.2	4.3	5.6
Output .....	- 9.1	-10.2	3.2	13.1	5.6	9.4	- 5.1	- 6.3	- 4.9	- 1.2	2.5	7.8
Hours .....	- 5.8	-11.2	- 2.6	2.9	4.9	3.2	- 1.8	- 4.6	- 5.2	- 4.3	- 1.7	2.1
Compensation per hour .....	10.0	10.5	6.4	6.7	7.8	8.7	10.7	11.5	9.8	8.4	7.8	7.4
Real compensation per hour .....	- 2.1	2.1	0.2	- 1.5	1.1	3.9	- 1.3	0.4	0.1	- 0.3	0.4	0.9
Unit labor costs .....	13.9	9.3	0.4	- 2.9	7.1	2.5	14.5	13.4	9.5	5.0	3.4	1.7
Unit nonlabor payments .....	13.7	8.8	11.7	27.8	5.9	4.4	6.5	8.5	11.0	15.3	13.2	12.1
Implicit price deflator .....	13.8	9.1	4.2	7.4	6.6	3.2	11.6	11.6	10.0	8.6	6.8	5.3
<b>Private nonfarm:</b>												
Output per hour of all persons .....	- 3.6	- 0.8	8.0	9.4	- 0.6	4.8	- 3.3	- 2.7	0.1	3.1	3.9	5.3
Output .....	- 9.7	-11.7	4.4	11.7	5.7	9.3	- 5.0	- 6.8	- 5.1	- 1.8	2.1	7.7
Hours .....	- 6.2	-10.9	- 3.3	2.1	6.4	4.3	- 1.7	- 4.2	- 5.3	- 4.7	- 1.7	2.3
Compensation per hour .....	10.8	9.1	6.8	8.7	6.5	7.9	10.6	10.8	9.5	8.9	7.8	7.5
Real compensation per hour .....	- 1.3	0.8	0.6	0.3	- 0.1	3.2	- 1.4	- 0.2	- 0.2	0.1	0.4	1.0
Unit labor costs .....	15.0	10.0	- 1.1	- 0.7	7.2	3.0	14.4	13.8	9.4	5.6	3.8	2.1
Unit nonlabor payments .....	10.3	15.4	12.8	19.8	7.5	7.3	9.2	12.6	12.4	14.5	13.8	11.7
Implicit price deflator .....	13.4	11.9	3.5	6.2	7.3	4.5	12.5	13.4	10.4	8.7	7.2	5.4
<b>Manufacturing:</b>												
Output per hour of all persons .....	- 5.7	- 1.7	3.2	10.0	5.4	3.0	- 4.3	- 3.3	- 2.5	1.3	4.1	5.3
Output .....	-18.3	-25.2	- 4.1	17.6	14.9	11.9	- 9.3	-13.8	-13.7	- 8.9	- 0.8	9.7
Hours .....	-13.4	-24.0	- 7.1	6.9	9.0	8.7	- 5.2	-10.9	-11.5	-10.1	- 4.7	4.1
Compensation per hour .....	15.0	10.2	8.0	6.5	6.5	8.2	12.2	13.2	11.3	9.9	7.8	7.3
Real compensation per hour .....	2.4	1.8	1.8	- 1.7	- 0.1	3.5	0.0	2.0	1.4	1.0	0.4	0.8
Unit labor costs .....	22.0	12.1	4.7	- 3.2	1.1	5.1	17.2	17.0	14.1	8.5	3.5	1.9
<b>Nonfinancial corporations:</b>												
Output per all-employee hour .....	- 3.1	3.4	17.4	9.9	- 2.1	2.4	- 3.6	- 1.9	2.7	6.6	6.9	6.7
Output .....	-10.9	-12.6	11.4	14.5	3.4	8.3	- 6.2	- 8.3	- 4.9	- 0.2	3.6	9.3
Hours .....	- 8.1	-15.5	- 5.1	4.2	5.6	5.8	- 2.8	- 6.5	- 7.4	- 6.4	- 3.1	2.5
Compensation per hour .....	11.4	11.8	7.3	7.3	7.3	7.4	10.8	11.5	10.4	9.4	8.4	7.3
Real compensation per hour .....	- 0.8	3.2	1.1	- 0.9	0.7	2.7	- 1.2	0.5	0.6	0.6	1.0	0.9
Total unit costs .....	17.0	10.9	- 6.2	- 1.2	8.6	2.4	16.3	15.6	9.7	4.7	2.8	0.7
Unit labor costs .....	14.9	8.1	- 8.6	- 2.4	9.6	4.8	14.9	13.7	7.5	2.6	1.4	0.6
Unit nonlabor costs .....	23.0	18.9	0.4	1.8	6.0	- 3.9	20.2	21.1	15.8	10.6	6.5	1.0
Unit profits .....	-27.8	18.2	215.8	96.4	- 7.5	25.0	-21.8	-11.4	16.0	51.7	61.4	63.7
Implicit price deflator .....	13.1	11.4	3.1	5.6	6.8	4.5	12.6	13.3	10.2	8.2	6.7	5.0

p= preliminary.

r= revised.

**ESTABLISHMENTS DATA  
STATE AND AREA HOURS AND EARNINGS**

**C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>
<b>ALABAMA</b> .....	\$161.99	\$178.49	\$176.61	39.9	40.2	40.6	\$4.07	\$4.44	\$4.35
Birmingham .....	194.14	222.72	222.09	39.3	39.7	40.9	4.94	5.61	5.43
Mobile .....	209.32	212.59	207.72	43.7	41.2	40.1	4.79	5.16	5.18
<b>ALASKA</b> .....	270.29	309.56	(*)	35.8	40.6	(*)	7.55	7.63	(*)
<b>ARIZONA</b> .....	184.70	195.46	206.68	38.4	38.4	39.9	4.81	5.09	5.18
Phoenix .....	188.47	192.65	205.09	38.7	38.3	39.9	4.97	5.03	5.14
Tucson .....	187.92	203.94	209.86	38.8	38.6	39.3	4.82	5.26	5.34
<b>ARKANSAS</b> .....	136.64	148.20	154.00	38.6	39.0	40.0	3.54	3.80	3.85
Fayetteville-Springdale .....	125.45	136.77	140.23	38.6	39.1	39.5	3.25	3.48	3.55
Fort Smith .....	133.55	147.83	150.15	37.2	38.7	38.6	3.59	3.82	3.80
Little Rock-North Little Rock .....	154.42	169.51	175.47	39.8	38.7	39.7	3.98	4.38	4.42
Pine Bluff .....	156.08	193.49	185.78	37.7	41.7	40.3	4.14	4.64	4.61
<b>CALIFORNIA</b> .....	201.88	211.69	(*)	39.2	38.7	(*)	5.15	5.47	(*)
Anaheim-Santa Ana-Garden Grove .....	188.65	199.64	(*)	39.8	39.3	(*)	4.74	5.08	(*)
Bakersfield .....	200.95	208.10	(*)	39.0	37.7	(*)	5.15	5.52	(*)
Fresno .....	176.73	188.74	(*)	39.1	37.3	(*)	4.52	5.06	(*)
Los Angeles-Long Beach .....	192.18	199.43	(*)	39.3	38.8	(*)	4.89	5.14	(*)
Modesto .....	189.00	197.25	(*)	37.5	36.8	(*)	5.04	5.36	(*)
Oxnard-Simi Valley-Ventura .....	177.45	186.34	(*)	39.0	38.5	(*)	4.55	4.84	(*)
Riverside-San Bernardino-Ontario .....	203.94	227.48	(*)	39.6	39.7	(*)	5.15	5.73	(*)
Sacramento .....	212.80	219.70	(*)	38.0	37.3	(*)	5.67	5.89	(*)
Salinas-Seaside-Monterey .....	183.55	198.12	(*)	38.4	38.1	(*)	4.78	5.20	(*)
San Diego .....	189.98	203.96	(*)	37.6	37.2	(*)	5.05	5.48	(*)
San Francisco-Oakland .....	235.39	258.52	(*)	38.4	38.7	(*)	6.13	6.68	(*)
San Jose .....	215.67	240.91	(*)	39.0	39.3	(*)	5.53	6.13	(*)
Santa Barbara-Santa Maria-Lompoc .....	173.18	186.03	(*)	38.4	39.0	(*)	4.51	4.77	(*)
Santa Rosa .....	187.66	198.32	(*)	36.9	37.0	(*)	4.95	5.36	(*)
Stockton .....	211.14	220.06	(*)	38.5	36.8	(*)	5.47	5.98	(*)
Vallejo-Fairfield-Napa .....	219.85	223.30	(*)	39.4	38.5	(*)	5.58	5.80	(*)
<b>COLORADO</b> .....	195.53	209.33	209.48	39.5	39.2	39.6	4.95	5.34	5.29
Denver-Boulder .....	196.61	206.95	208.29	39.4	38.9	39.3	4.99	5.32	5.30
<b>CONNECTICUT</b> .....	188.25	198.80	206.25	39.8	40.0	40.6	4.73	4.97	5.08
Bridgeport .....	199.30	210.31	218.40	40.1	40.6	42.0	4.97	5.18	5.20
Hartford .....	209.40	221.00	231.44	41.3	40.7	41.7	5.08	5.43	5.55
New Britain .....	187.53	198.53	207.25	39.9	39.4	40.4	4.70	5.04	5.13
New Haven-West Haven .....	182.28	198.06	205.53	39.2	39.2	40.1	4.65	5.05	5.12
Stamford .....	200.88	208.90	216.11	40.5	40.8	41.8	4.95	5.12	5.17
Waterbury .....	161.95	170.64	183.84	39.5	39.5	41.5	4.10	4.32	4.43
<b>DELAWARE</b> .....	192.00	223.27	228.11	38.4	39.3	41.4	5.00	5.68	5.51
Wilmington .....	216.78	249.08	254.40	39.3	40.5	42.4	5.66	6.15	6.00
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	212.06	210.14	209.12	37.6	38.7	38.3	5.64	5.43	5.46
<b>FLORIDA</b> .....	156.81	170.80	173.40	39.3	40.0	40.8	3.99	4.27	4.25
Fort Lauderdale-Hollywood .....	157.56	161.45	169.49	39.0	37.9	39.6	4.04	4.26	4.28
Jacksonville .....	189.20	207.05	214.71	40.6	41.0	42.1	4.66	5.05	5.10
Miami .....	143.56	141.38	145.11	38.8	37.5	38.8	3.70	3.77	3.74
Orlando .....	162.41	177.57	175.03	40.4	41.2	40.8	4.02	4.31	4.29
Pensacola .....	182.95	239.99	216.91	39.9	46.6	42.2	4.68	5.15	5.14
Tampa-St. Petersburg .....	168.70	177.30	185.73	39.6	39.4	41.0	4.26	4.59	4.53
West Palm Beach-Boca Raton .....	186.41	192.15	206.42	40.7	39.7	42.3	4.38	4.84	4.88
<b>GEORGIA</b> .....	147.81	161.66	168.91	39.0	38.4	40.8	3.79	4.21	4.14
Atlanta .....	177.87	191.90	208.00	38.5	38.9	40.0	4.62	5.05	5.20
Savannah .....	181.75	205.67	216.72	41.4	41.3	43.0	4.39	4.98	5.04
<b>HAWAII</b> .....	179.73	194.06	195.20	39.5	38.2	38.2	4.55	5.08	5.11
Honolulu .....	172.54	186.73	181.67	38.6	37.8	36.7	4.47	4.94	4.95
<b>IDAHO</b> <sup>1</sup> .....	175.31	187.29	194.04	38.7	38.3	38.5	4.53	4.89	5.04

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>D</sup>
ILLINOIS .....	\$210.86	(*)	(*)	39.3	(*)	(*)	\$5.39	(*)	(*)
INDIANA .....	213.01	\$230.10	\$243.95	39.3	39.2	41.0	5.42	\$5.87	\$5.95
Indianapolis .....	215.97	222.47	(*)	39.7	37.9	(*)	5.44	5.87	(*)
IOWA .....	208.26	227.88	230.80	39.0	39.7	40.0	5.34	5.74	5.77
Cedar Rapids .....	211.33	228.40	236.47	39.5	40.0	40.7	5.35	5.71	5.81
Des Moines .....	216.03	229.88	235.56	38.1	37.5	39.0	5.67	6.13	6.04
Dubuque .....	243.08	277.09	283.97	38.1	40.1	40.8	6.38	6.91	6.96
Sioux City .....	190.51	214.73	212.86	39.2	39.4	39.2	4.86	5.45	5.43
Waterloo—Cedar Falls .....	254.76	281.06	281.06	38.6	39.2	39.2	6.60	7.17	7.17
KANSAS .....	186.49	196.26	198.32	41.1	39.9	40.4	4.54	4.92	4.91
Topeka .....	197.04	209.97	185.55	41.5	41.5	40.4	4.74	5.06	4.50
Wichita .....	211.39	212.21	219.57	42.3	40.0	41.2	5.00	5.30	5.32
KENTUCKY .....	176.18	194.15	198.10	38.3	38.6	39.7	4.60	5.03	4.99
Louisville .....	205.74	222.32	232.00	38.6	38.8	40.0	5.33	5.73	5.82
LOUISIANA .....	188.80	217.71	214.80	40.0	41.0	40.3	4.72	5.31	5.33
Baton Rouge .....	246.08	287.97	282.28	42.5	43.5	42.9	5.79	6.62	6.58
New Orleans .....	183.53	206.44	205.92	39.3	39.7	39.6	4.67	5.20	5.20
Shreveport .....	167.96	183.66	175.60	39.8	40.1	40.0	4.22	4.58	4.39
MAINE .....	146.15	160.40	160.40	39.5	40.1	39.9	3.70	4.00	4.02
Lewiston—Auburn .....	120.90	137.11	140.30	37.2	39.4	39.3	3.25	3.48	3.57
Portland .....	158.40	167.58	169.62	40.0	39.9	40.1	3.96	4.20	4.23
MARYLAND .....	190.79	213.15	217.46	39.7	39.4	39.9	4.93	5.41	5.45
Baltimore .....	198.78	224.31	227.37	39.9	39.7	40.1	5.11	5.65	5.67
MASSACHUSETTS .....	171.11	183.92	(*)	38.8	39.3	(*)	4.41	4.68	(*)
Boston .....	190.70	200.46	(*)	39.4	39.9	(*)	4.84	5.14	(*)
Brookton .....	143.26	149.74	(*)	37.7	38.2	(*)	3.80	3.92	(*)
Fall River .....	121.10	135.70	(*)	34.9	35.9	(*)	3.47	3.78	(*)
Lawrence—Haverhill .....	165.71	177.00	(*)	39.9	39.9	(*)	4.26	4.55	(*)
Lowell .....	163.94	161.41	(*)	39.6	38.8	(*)	4.14	4.16	(*)
New Bedford .....	144.74	156.18	(*)	37.4	38.0	(*)	3.87	4.11	(*)
Springfield—Chicopee—Holyoke .....	168.00	187.46	(*)	38.8	39.8	(*)	4.33	4.71	(*)
Worcester .....	172.93	184.69	(*)	38.6	38.8	(*)	4.48	4.76	(*)
MICHIGAN .....	238.08	271.76	(*)	39.7	41.2	(*)	6.00	6.60	(*)
Ann Arbor .....	253.75	276.66	330.66	40.1	40.3	45.0	6.33	6.87	7.35
Battle Creek .....	257.80	265.48	276.49	41.4	40.0	40.6	6.23	6.64	6.81
Bay City .....	259.44	295.49	306.27	44.5	46.6	47.3	5.83	6.34	6.48
Detroit .....	250.83	286.46	308.75	39.6	41.2	43.4	6.33	6.95	7.11
Flint .....	266.26	322.35	(*)	40.1	44.2	(*)	6.64	7.29	(*)
Grand Rapids .....	201.33	213.90	224.29	39.2	39.4	40.5	5.14	5.43	5.54
Jackson .....	225.50	226.71	241.55	40.5	38.9	40.7	5.57	5.83	5.94
Kalamazoo—Portage .....	216.43	232.38	254.15	39.8	39.9	41.5	5.44	5.82	6.12
Lansing—East Lansing .....	241.36	277.64	331.55	39.6	40.8	45.7	6.10	6.81	7.25
Muskegon—Norton Shores—Musk. Hgts .....	214.36	231.01	243.78	40.3	40.4	41.7	5.32	5.72	5.85
Saginaw .....	268.77	301.47	346.62	39.7	40.8	44.8	6.77	7.39	7.74
MINNESOTA .....	194.43	208.68	214.63	38.5	39.3	39.6	5.05	5.31	5.42
Duluth—Superior .....	183.30	201.90	196.78	39.0	40.3	39.2	4.70	5.01	5.02
Minneapolis—St. Paul .....	207.09	219.60	229.60	39.0	40.0	40.0	5.31	5.49	5.74
MISSISSIPPI .....	135.87	147.00	150.84	38.6	39.2	39.9	3.52	3.75	3.79
Jackson .....	147.70	152.43	153.60	40.8	39.8	40.0	3.52	3.83	3.84
MISSOURI .....	182.28	194.66	201.70	38.7	38.7	39.9	4.71	5.03	5.07
Kansas City .....	209.35	220.92	229.03	39.8	39.1	39.9	5.25	5.65	5.74
St. Joseph .....	183.96	187.15	190.80	40.7	39.4	40.0	4.52	4.75	4.77
St. Louis .....	209.52	224.59	231.60	38.8	39.0	39.8	5.40	5.76	5.82
Springfield .....	156.65	165.74	174.59	39.3	38.1	39.5	4.09	4.35	4.42
MONTANA .....	183.45	221.18	222.34	35.0	38.6	38.6	5.11	5.73	5.76

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS**

**C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1975	ADJ. 1976	MAY 1976 <sup>D</sup>	MAY 1975	ADJ. 1976	MAY 1976 <sup>D</sup>	MAY 1975	ADJ. 1976	MAY 1976 <sup>D</sup>
<b>NEBRASKA</b> .....	\$178.33	\$199.62	(*)	40.7	40.9	(*)	\$4.43	\$4.89	(*)
Lincoln .....	163.10	199.62	(*)	38.6	40.1	(*)	4.23	4.73	(*)
Omaha .....	194.64	223.18	(*)	40.5	41.5	(*)	4.81	5.38	(*)
<b>NEVADA</b> .....	204.37	207.43	\$294.58	38.2	38.2	37.4	5.35	5.43	\$5.47
Las Vegas .....	249.15	264.92	(*)	39.8	41.2	(*)	6.26	6.43	(*)
<b>NEW HAMPSHIRE</b> .....	150.93	163.55	165.98	39.0	39.6	39.9	3.87	4.13	4.15
Manchester .....	138.37	148.99	154.42	39.1	38.9	39.8	3.63	3.83	3.88
<b>NEW JERSEY</b> .....	194.40	210.08	219.65	40.0	40.4	41.6	4.86	5.20	5.28
Atlantic City .....	147.74	155.81	161.18	35.6	35.9	36.8	4.15	4.34	4.38
Camden <sup>3</sup> .....	176.97	194.13	197.01	38.7	39.7	39.8	4.53	4.89	4.95
Hackensack <sup>4</sup> .....	184.47	194.72	204.22	39.0	39.0	40.2	4.73	4.98	5.08
Jersey City <sup>4</sup> .....	187.78	201.17	202.81	39.7	39.6	40.4	4.73	5.08	5.02
New Bruns.—Perth Amboy—Sayreville <sup>4</sup> .....	209.87	223.51	232.72	39.9	40.2	40.9	5.26	5.56	5.69
Newark <sup>4</sup> .....	204.35	219.34	230.05	41.2	41.7	43.0	4.96	5.26	5.35
Paterson—Clifton—Passaic <sup>4</sup> .....	180.41	195.99	205.87	40.3	40.9	42.1	4.70	4.77	4.89
Trenton .....	208.58	233.55	243.76	41.8	43.9	44.4	4.99	5.32	5.49
<b>NEW MEXICO</b> .....	140.34	150.93	159.18	39.2	38.6	40.4	3.59	3.91	3.94
Albuquerque .....	144.34	151.32	161.15	38.8	39.0	40.9	3.72	3.88	3.94
<b>NEW YORK</b> .....	186.62	201.24	(*)	38.4	38.7	(*)	4.86	5.20	(*)
Albany—Schenectady—Troy .....	190.22	213.46	(*)	38.9	40.2	(*)	4.89	5.31	(*)
Binghamton .....	181.15	176.66	(*)	39.9	40.8	(*)	4.54	4.82	(*)
Buffalo .....	228.52	260.07	(*)	39.4	40.7	(*)	5.80	6.39	(*)
Elmira .....	180.71	196.61	(*)	39.2	39.4	(*)	4.61	4.99	(*)
Monroe County <sup>5</sup> .....	235.17	259.94	(*)	40.2	41.0	(*)	5.85	6.34	(*)
Nassau—Suffolk <sup>6</sup> .....	182.66	191.28	(*)	38.7	38.8	(*)	4.72	4.93	(*)
New York—Northeastern New Jersey .....	184.12	193.77	(*)	38.6	38.6	(*)	4.77	5.02	(*)
New York and Nassau—Suffolk <sup>4</sup> .....	174.66	181.05	(*)	37.4	37.1	(*)	4.67	4.88	(*)
New York SMSA <sup>6</sup> .....	172.89	179.22	(*)	37.1	36.8	(*)	4.66	4.87	(*)
New York City <sup>7</sup> .....	172.37	177.27	(*)	36.9	36.4	(*)	4.67	4.87	(*)
Poughkeepsie .....	190.32	206.19	(*)	39.0	39.2	(*)	4.88	5.26	(*)
Rochester .....	226.00	247.46	(*)	40.0	40.7	(*)	5.65	6.08	(*)
Rockland County <sup>7</sup> .....	184.22	206.06	(*)	40.4	42.4	(*)	4.56	4.86	(*)
Syracuse .....	198.90	214.26	(*)	39.7	39.9	(*)	5.01	5.37	(*)
Utica—Rome .....	168.13	180.96	(*)	39.1	39.0	(*)	4.30	4.64	(*)
Westchester County <sup>7</sup> .....	179.88	190.68	(*)	38.6	38.6	(*)	4.66	4.94	(*)
<b>NORTH CAROLINA</b> .....	131.83	142.42	148.03	38.1	38.7	39.9	3.46	3.68	3.71
Asheville .....	128.86	137.54	144.57	37.9	38.1	39.5	3.40	3.61	3.66
Charlotte—Gastonia .....	131.71	144.91	151.74	38.4	39.7	40.9	3.43	3.65	3.71
Greensboro—Winston-Salem—High Point .....	142.88	153.98	159.59	37.8	38.4	39.6	3.78	4.01	4.03
Raleigh—Durham .....	148.20	156.94	161.02	38.0	38.0	38.8	3.90	4.13	4.15
<b>NORTH DAKOTA</b> .....	165.00	187.77	189.53	39.1	39.2	39.9	4.22	4.79	4.75
Fargo—Moorhead .....	171.97	196.71	203.41	38.3	39.9	40.6	4.49	4.93	5.01
<b>OHIO</b> .....	217.31	238.98	249.42	39.8	40.3	41.5	5.46	5.93	6.01
Akron .....	231.09	243.54	238.21	40.9	41.0	41.0	5.65	5.94	5.81
Canton .....	219.79	242.17	247.82	39.3	39.7	40.1	5.58	6.10	6.18
Cincinnati .....	205.84	221.60	230.57	40.6	40.0	41.1	5.07	5.54	5.61
Cleveland .....	221.69	244.01	260.76	39.8	40.6	42.4	5.57	6.01	6.15
Columbus .....	202.52	217.88	225.03	39.4	39.4	40.4	5.14	5.53	5.57
Dayton .....	228.98	257.49	265.55	40.6	41.8	42.9	5.64	6.16	6.19
Toledo .....	229.88	247.04	257.30	40.4	40.3	41.5	5.69	6.13	6.20
Youngstown—Warren .....	238.77	274.92	272.55	37.9	39.5	39.5	6.30	6.96	6.90
<b>OKLAHOMA</b> .....	172.66	188.25	187.13	39.6	39.8	39.9	4.36	4.73	4.69
Oklahoma City .....	170.08	188.73	192.08	39.1	39.9	40.1	4.35	4.73	4.79
Tulsa .....	189.60	209.69	210.37	40.0	40.0	40.3	4.74	5.24	5.22
<b>OREGON</b> .....	209.44	225.42	232.85	38.5	38.6	39.2	5.44	5.84	5.94
Eugene—Springfield .....	214.34	239.58	(*)	39.4	39.6	(*)	5.44	6.05	(*)
Jackson County .....	194.55	219.26	(*)	36.5	38.4	(*)	5.33	5.71	(*)
Portland .....	209.72	225.42	(*)	38.2	38.6	(*)	5.49	5.84	(*)

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1975	APR. 1976	MAY 1976 <sup>o</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>o</sup>	MAY 1975	APR. 1976	MAY 1976 <sup>o</sup>
<b>PENNSYLVANIA</b> .....	\$186.69	\$201.31	\$206.56	38.1	38.2	39.9	\$4.90	\$5.27	\$5.31
Allentown—Bethlehem—Easton .....	185.60	195.43	198.64	37.8	37.8	38.2	4.91	5.17	5.20
Altoona .....	157.54	164.28	172.52	37.6	37.0	38.0	4.19	4.44	4.54
Delaware Valley .....	194.18	212.08	222.56	38.3	38.7	40.1	5.07	5.48	5.55
Erie .....	202.13	201.10	207.32	41.0	39.2	40.1	4.93	5.13	5.17
Harrisburg .....	173.55	184.69	188.02	39.0	38.8	39.5	4.45	4.76	4.76
Johnstown .....	213.55	258.73	221.12	37.4	40.3	37.1	5.71	6.42	5.96
Lancaster .....	169.30	180.96	191.16	39.1	39.0	40.5	4.33	4.64	4.72
Northeast Pennsylvania .....	137.24	141.69	147.19	35.1	34.9	35.9	3.91	4.06	4.10
Philadelphia SMSA .....	192.27	209.52	218.95	38.3	38.8	40.1	5.02	5.40	5.46
Pittsburgh .....	225.61	251.83	251.20	39.1	40.1	40.0	5.77	6.28	6.28
Reading .....	169.99	177.84	187.38	38.2	38.0	39.2	4.45	4.68	4.78
Scranton .....	137.67	141.35	144.02	35.3	34.9	35.3	3.90	4.05	4.08
Wilkes-Barre—Hazleton <sup>10</sup> .....	135.17	140.54	148.83	35.2	34.7	36.3	3.84	4.05	4.10
Williamsport .....	171.05	164.98	174.86	38.7	36.5	38.6	4.42	4.52	4.53
York .....	174.87	185.26	191.53	40.2	40.1	41.1	4.35	4.62	4.66
<b>RHODE ISLAND</b> .....	146.67	158.71	162.35	38.7	38.9	39.5	3.79	4.08	4.11
Providence—Warwick—Pawtucket .....	146.29	160.34	164.81	38.6	39.3	40.1	3.79	4.08	4.11
<b>SOUTH CAROLINA</b> <sup>1</sup> .....	136.96	147.41	153.92	38.8	39.1	40.4	3.53	3.77	3.81
Charleston—North Charleston <sup>1</sup> .....	158.80	174.12	174.56	39.8	40.4	40.5	3.99	4.31	4.31
Columbia <sup>1</sup> .....	141.36	145.92	152.48	38.0	38.3	39.4	3.72	3.81	3.87
Greenville—Spartanburg <sup>1</sup> .....	135.49	146.26	155.04	38.6	38.9	40.8	3.51	3.76	3.80
<b>SOUTH DAKOTA</b> .....	166.44	177.56	179.34	40.3	39.9	40.3	4.13	4.45	4.45
Sioux Falls .....	222.00	233.33	235.22	43.7	42.5	41.4	5.08	5.49	5.44
<b>TENNESSEE</b> <sup>11</sup> .....	153.26	164.74	169.74	39.5	39.6	40.9	3.88	4.16	4.15
Chattanooga .....	165.20	173.23	178.30	40.0	40.1	40.8	4.13	4.32	4.37
Knoxville .....	173.05	188.16	201.23	38.8	38.4	40.9	4.46	4.90	4.92
Memphis .....	186.35	193.20	188.25	40.6	40.0	39.8	4.59	4.83	4.73
Nashville—Davidson .....	156.21	169.45	176.01	38.1	38.6	39.2	4.10	4.39	4.49
<b>TEXAS</b> .....	180.85	196.83	199.18	40.1	40.5	40.9	4.51	4.86	4.87
Amarillo .....	162.35	177.70	177.25	39.5	38.8	38.7	4.11	4.58	4.59
Austin .....	150.43	165.21	168.51	41.1	40.1	41.0	3.66	4.12	4.11
Beaumont—Port Arthur—Orange .....	240.80	278.66	277.11	40.2	40.8	39.7	5.99	6.83	6.98
Corpus Christi .....	192.92	228.57	220.86	40.7	40.1	40.6	4.74	5.70	5.44
Dallas—Fort Worth .....	172.33	176.12	183.71	39.8	39.4	40.2	4.33	4.47	4.57
El Paso .....	123.28	143.95	141.60	36.8	37.1	38.9	3.35	3.88	3.64
Galveston—Texas City .....	283.19	333.96	316.42	43.5	44.0	44.5	6.51	7.59	7.56
Houston .....	218.92	241.23	246.62	42.1	42.1	41.8	5.20	5.73	5.90
Lubbock .....	140.85	149.00	150.88	39.9	40.6	41.0	3.53	3.67	3.68
San Antonio .....	142.33	148.83	150.02	40.9	39.9	39.9	3.48	3.73	3.76
Waco .....	143.61	174.64	173.57	38.5	40.9	39.9	3.73	4.27	4.35
Wichita Falls .....	153.97	173.76	177.51	40.2	38.7	39.8	3.83	4.49	4.46
<b>UTAH</b> .....	155.90	159.39	158.59	38.4	38.5	38.4	4.06	4.14	4.13
Salt Lake City—Ogden .....	153.25	158.32	158.34	38.7	38.9	39.0	3.96	4.07	4.06
<b>VERMONT</b> .....	160.40	173.32	175.85	39.9	40.4	40.8	4.02	4.29	4.31
Burlington .....	178.53	216.29	207.83	40.3	43.0	42.5	4.43	5.03	4.89
Springfield .....	185.54	184.61	187.60	40.6	39.7	40.0	4.57	4.65	4.69
<b>VIRGINIA</b> .....	153.23	164.22	170.02	38.5	39.1	40.1	3.98	4.20	4.24
Lynchburg .....	147.83	160.29	180.02	38.2	39.0	41.1	3.87	4.11	4.38
Norfolk—Virginia Beach—Portsmouth .....	155.63	177.89	185.54	39.5	40.8	41.6	3.94	4.36	4.46
Northern Virginia <sup>12</sup> .....	192.66	187.18	184.12	39.0	38.2	38.2	4.94	4.90	4.82
Richmond .....	176.40	204.59	203.18	38.6	41.0	40.8	4.57	4.99	4.98
Roanoke .....	137.97	147.45	150.53	37.8	38.7	39.2	3.65	3.81	3.84
<b>WASHINGTON</b> .....	219.96	240.79	245.35	39.0	38.9	39.7	5.64	6.19	6.18
Seattle—Everett .....	228.54	250.19	252.16	39.2	39.4	39.4	5.83	6.35	6.40
Spokane .....	198.26	220.09	217.45	38.2	39.8	38.9	5.19	5.53	5.59
Tacoma .....	222.92	242.32	247.29	38.5	38.1	38.7	5.79	6.36	6.30
<b>WEST VIRGINIA</b> .....	187.70	211.34	213.33	38.7	39.8	40.1	4.85	5.31	5.32
Charleston .....	224.27	248.07	243.72	41.0	40.6	41.1	5.47	6.11	5.93
Huntington—Ashland .....	208.51	248.35	238.79	38.4	39.8	40.2	5.43	6.24	5.94
Wheeling .....	201.45	226.97	219.54	39.5	40.1	39.7	5.10	5.66	5.53

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS**

**C-13. Gross hours and earning of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	MAY 1975	APP. 1976	MAY 1976P	MAY 1975	APP. 1976	MAY 1976P	MAY 1975	APP. 1976	MAY 1976P
<b>WISCONSIN</b> .....	\$207.16	\$220.10	\$227.59	39.9	39.6	40.5	\$5.19	\$5.56	\$5.62
Appleton—Oshkosh .....	196.80	208.23	218.15	40.2	40.2	41.2	4.90	5.18	5.29
Green Bay .....	207.80	228.39	229.86	40.0	41.9	41.3	5.20	5.45	5.56
Kenosha .....	257.65	261.38	260.61	40.5	38.9	39.2	6.37	6.71	6.65
La Crosse .....	188.59	187.01	198.95	41.9	40.0	41.8	4.50	4.68	4.77
Madison .....	220.71	246.86	248.52	39.1	40.2	40.3	5.65	6.13	6.17
Milwaukee .....	226.11	238.73	246.62	39.9	39.2	40.1	5.66	6.09	6.15
Racine .....	224.18	229.82	240.51	39.6	38.6	40.0	5.66	5.95	6.02
<b>WYOMING</b> .....	199.94	223.95	219.21	39.6	40.6	40.7	5.05	5.51	5.39
Casper .....	237.18	270.86	245.04	38.5	41.3	40.0	6.15	6.57	6.12
Cheyenne .....	184.52	242.67	211.71	30.2	31.5	30.7	6.11	7.70	6.90

<sup>1</sup> Based on 1972 Standard Industrial Classification.  
<sup>2</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.  
<sup>3</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>4</sup> Subarea of New York—Northeastern New Jersey.  
<sup>5</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>6</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>7</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>9</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>10</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>11</sup> Corrected data for January 1976; average weekly earnings \$166.05, average weekly hours 40.5, and average hourly earnings \$4.10.  
<sup>12</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
 \* Not available.  
 p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-1. Labor turnover rates in manufacturing 1965 to date**

[Per 100 employees]

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>													
1965	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
1967	4.4	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8
1968	4.6	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1
1969	4.7	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9
1970	4.0	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4
1971	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972	4.4	4.1	3.7	4.0	4.0	4.9	5.3	4.6	6.0	5.3	4.8	3.6	2.7
1973	4.8	4.6	4.0	4.4	4.5	5.3	5.9	5.1	6.2	5.7	5.2	3.8	2.6
1974	4.2	4.2	3.6	4.0	4.4	5.1	5.4	4.8	5.4	4.9	3.8	2.4	1.8
1975	3.7	3.0	2.7	3.2	3.7	3.9	4.5	4.5	5.1	4.6	3.7	2.8	2.2
1976	-	3.8	3.5	4.2	3.9	4.4 <sup>P</sup>							
<b>New hires</b>													
1965	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966	3.8	3.2	2.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1
1967	3.3	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0
1968	3.5	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2
1969	3.7	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1
1970	2.8	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4
1971	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972	3.3	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.3	3.8	2.9	2.0
1973	3.9	3.5	3.1	3.5	3.6	4.4	5.0	4.1	5.0	4.7	4.3	3.0	2.0
1974	3.2	3.2	2.7	3.0	3.3	3.9	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.0	2.4	1.7	1.3
1976	-	2.1	2.1	2.6	2.5	3.0 <sup>P</sup>							
<b>Total separations</b>													
1965	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1
1966	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
1967	4.6	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9
1968	4.6	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8
1969	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.2	4.0	3.5	3.8	3.8	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.7
1973	4.6	4.3	3.7	4.2	4.1	4.4	4.5	5.1	6.5	5.7	4.9	4.2	3.9
1974	4.8	4.9	4.0	4.4	4.2	4.4	4.2	4.9	6.1	5.4	5.0	5.0	5.2
1975	4.2	6.2	4.5	4.2	4.0	3.9	3.6	4.4	4.6	4.3	4.0	3.5	3.4
1976	-	3.7	3.1	3.5	3.5	3.4 <sup>P</sup>							
<b>Quits</b>													
1965	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968	2.5	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	1.9	1.6
1973	2.7	2.2	2.1	2.5	2.5	2.7	2.8	2.8	4.5	3.9	3.0	2.2	1.6
1974	2.3	2.2	1.9	2.3	2.4	2.6	2.5	2.5	4.0	3.2	2.2	1.4	.9
1975	1.4	1.1	.9	1.0	1.1	1.3	1.3	1.5	2.4	2.0	1.6	1.2	.9
1976	-	1.3	1.2	1.5	1.6	1.7 <sup>P</sup>							
<b>Layoffs</b>													
1965	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
1971	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3
1973	.9	1.0	.7	.8	.7	.6	.6	1.4	.8	.7	.8	1.1	1.5
1974	1.5	1.7	1.2	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	2.1	4.1	2.9	2.5	2.1	1.8	1.5	2.0	1.3	1.4	1.6	1.7	1.9
1976	-	1.6	1.1	1.1	1.1	.9 <sup>P</sup>							

p=preliminary.

# ESTABLISHMENT DATA LABOR TURNOVER

## D-2. Labor turnover rates, by industry

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>
-	<b>MANUFACTURING</b>	3.9	4.4	2.5	3.0	3.5	3.4	1.6	1.7	1.1	0.9
19,24,25,32-39	<b>DURABLE GOODS</b>	3.6	4.1	2.2	2.7	3.1	3.0	1.3	1.4	.9	.8
20-23,26-31	<b>NONDURABLE GOODS</b>	4.2	4.9	3.0	3.5	4.1	4.1	2.1	2.2	1.2	1.1
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b>	1.3	-	.8	-	2.0	-	.5	-	1.0	-
192	Ammunition, except for small arms	1.2	-	.6	-	2.2	-	.4	-	1.1	-
24	<b>LUMBER AND WOOD PRODUCTS</b>	6.5	7.5	4.7	5.5	5.1	5.0	3.0	3.3	1.2	.7
242	Sawmills and planing mills	5.6	-	4.0	-	5.0	-	2.7	-	1.4	-
2421	Sawmills and planing mills, general	5.4	-	3.8	-	4.6	-	2.5	-	1.2	-
243	Millwork, plywood and related products	6.5	-	5.2	-	4.8	-	3.1	-	.7	-
2431	Millwork	6.3	-	5.1	-	5.1	-	3.1	-	.8	-
2432	Veneer and plywood	5.1	-	4.2	-	4.1	-	2.8	-	.3	-
244	Wooden containers	10.6	-	6.7	-	6.9	-	4.5	-	1.9	-
2441,2	Wooden boxes, shooks, and crates	10.1	-	6.7	-	5.8	-	4.5	-	.7	-
249	Miscellaneous wood products	6.8	-	5.8	-	5.3	-	3.6	-	.4	-
26	<b>FURNITURE AND FIXTURES</b>	5.3	5.8	4.4	4.9	5.4	5.4	3.2	3.3	1.0	1.0
251	Household furniture	5.5	-	4.7	-	5.6	-	3.7	-	.6	-
2511	Wood household furniture	6.4	-	5.6	-	6.1	-	4.2	-	.4	-
2512	Upholstered household furniture	4.2	-	3.6	-	4.7	-	3.3	-	.4	-
2515	Mattresses and bedsprings	4.2	-	3.2	-	4.7	-	2.5	-	1.0	-
252	Office furniture	3.6	-	1.6	-	3.6	-	1.5	-	1.6	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	4.9	4.8	2.6	3.1	3.1	3.1	1.4	1.5	.8	.8
321	Flat glass	2.3	-	.7	-	.9	-	.2	-	.2	-
322	Glass and glassware, pressed or blown	3.6	-	1.8	-	2.7	-	1.1	-	.7	-
3221	Glass containers	4.1	-	2.1	-	2.4	-	1.3	-	.5	-
3229	Pressed and blown glass, nec	2.9	-	1.3	-	3.0	-	.8	-	1.0	-
324	Cement, hydraulic	5.6	-	.7	-	1.3	-	.2	-	.7	-
325	Structural clay products	6.8	-	4.5	-	4.6	-	2.7	-	.7	-
3251	Brick and structural clay tile	8.8	-	6.6	-	6.1	-	3.7	-	.4	-
326	Pottery and related products	3.3	-	2.4	-	3.3	-	1.5	-	.7	-
3291	Abrasive products	2.3	-	1.3	-	1.6	-	.8	-	.4	-
33	<b>PRIMARY METAL INDUSTRIES</b>	3.4	3.7	1.2	1.7	2.4	2.2	.6	.6	.9	.8
331	Blast furnance and basic steel products	3.9	-	.7	-	2.2	-	.3	-	1.1	-
3312	Blast furnances and steel mills	3.9	-	.7	-	2.1	-	.2	-	1.0	-
332	Iron and steel foundries	2.8	-	1.5	-	3.1	-	1.1	-	1.0	-
3321	Gray iron foundries	2.8	-	1.7	-	3.0	-	1.2	-	.8	-
3322	Malleable iron foundries	2.9	-	1.2	-	2.0	-	.7	-	.5	-
3323	Steel foundries	2.6	-	1.2	-	3.7	-	1.0	-	1.8	-
333,4	Nonferrous metals	2.7	-	1.5	-	2.1	-	.7	-	.5	-
335	Nonferrous rolling and drawing	3.2	-	1.4	-	1.9	-	.6	-	.5	-
3351	Copper rolling and drawing	3.2	-	2.5	-	1.6	-	.6	-	.2	-
3352	Aluminum rolling and drawing	4.0	-	1.3	-	1.7	-	.7	-	.3	-
3357	Nonferrous wire drawing, and insulating	2.8	-	1.0	-	1.8	-	.6	-	.5	-
336	Nonferrous foundries	4.0	-	3.0	-	3.2	-	1.5	-	.9	-
3361	Aluminum castings	4.3	-	3.2	-	3.0	-	1.4	-	.9	-
3362,9	Other nonferrous castings	3.7	-	2.7	-	3.5	-	1.8	-	.9	-
339	Miscellaneous primary metal products	2.3	-	1.3	-	2.6	-	.7	-	1.0	-
3391	Iron and steel forgings	2.1	-	1.2	-	2.6	-	.7	-	1.1	-
34	<b>FABRICATED METAL PRODUCTS</b>	3.9	-	2.5	-	3.5	-	1.5	-	1.2	-
341	Metal cans	7.2	-	1.1	-	4.5	-	.6	-	2.6	-
342	Cutlery, hand tools, and hardware	2.6	-	2.0	-	2.5	-	1.3	-	.7	-
3421,3,5	Cutlery and hand tools, incl. saws	2.5	-	1.9	-	2.8	-	1.3	-	.8	-
3429	Hardware, nec	2.7	-	2.1	-	2.4	-	1.3	-	.6	-
343	Plumbing and heating, except electric	3.5	-	2.6	-	3.7	-	1.7	-	1.2	-
3431,2	Sanitary ware and plumbers' brass goods	3.2	-	2.4	-	3.7	-	1.8	-	1.1	-
3433	Heating equipment, except electric	3.7	-	2.8	-	3.7	-	1.6	-	1.3	-
344	Fabricated structural metal products	4.1	-	2.8	-	4.2	-	1.8	-	1.6	-
3441	Fabricated structural steel	4.0	-	2.5	-	5.7	-	1.8	-	2.9	-
3443	Fabricated plate work (boiler shops)	2.1	-	1.6	-	3.0	-	1.1	-	1.2	-
3446,9	Architectural and misc. metal work	4.9	-	3.6	-	3.6	-	2.1	-	.9	-
345	Screw machine products, bolts, etc.	3.0	-	2.2	-	2.8	-	1.4	-	.5	-
3452	Bolts, nuts, rivets, and washers	2.5	-	1.7	-	2.6	-	1.2	-	.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2. Labor turnover rates, by industry—Continued**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>F</sup>	Apr. 1976 <sup>P</sup>	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
	<b>FABRICATED METAL PRODUCTS — Continued</b>										
346	Metal stampings . . . . .	3.5	-	2.3	-	2.8	-	1.2	-	0.8	-
348	Miscellaneous fabricated wire products . . . . .	4.7	-	3.2	-	3.9	-	1.9	-	1.2	-
349	Miscellaneous fabricated metal products . . . . .	3.3	-	2.4	-	2.7	-	1.3	-	.7	-
3494.8	Valves, pipe, and pipe fittings . . . . .	3.0	-	2.2	-	2.3	-	1.2	-	.6	-
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	2.4	2.9	1.5	1.9	2.5	2.3	.9	0.9	.8	0.6
351	Engines and turbines . . . . .	1.8	-	.8	-	3.2	-	.5	-	1.6	-
3511	Steam engines and turbines . . . . .	2.0	-	1.0	-	1.7	-	.3	-	.1	-
3519	Internal combustion engines, nec . . . . .	1.7	-	.8	-	4.2	-	.6	-	2.6	-
352	Farm machinery . . . . .	2.2	-	1.3	-	3.3	-	1.2	-	1.2	-
353	Construction and related machinery . . . . .	2.3	-	1.3	-	2.5	-	1.0	-	.8	-
3531.2	Construction and mining machinery . . . . .	2.4	-	.8	-	2.1	-	.8	-	.8	-
3533	Oil field machinery . . . . .	2.4	-	2.2	-	3.3	-	1.7	-	.7	-
3535.6	Conveyors, hoists, cranes, monorails . . . . .	1.9	-	1.5	-	2.1	-	.9	-	.5	-
354	Metal working machinery . . . . .	2.5	-	1.6	-	2.5	-	.9	-	.9	-
3541	Machine tools, metal cutting types . . . . .	1.8	-	.7	-	1.7	-	.6	-	.6	-
3545	Machine tool accessories . . . . .	2.0	-	1.3	-	1.7	-	.8	-	.3	-
3542.8	Miscellaneous metal working machinery . . . . .	2.6	-	1.8	-	2.9	-	.9	-	1.4	-
355	Special industry machinery . . . . .	2.1	-	1.3	-	2.3	-	.9	-	.9	-
3551	Food products machinery . . . . .	2.2	-	1.3	-	2.1	-	.8	-	.8	-
3552	Textile machinery . . . . .	2.8	-	1.8	-	3.3	-	1.3	-	1.3	-
356	General industrial machinery . . . . .	1.9	-	1.2	-	2.0	-	.8	-	.6	-
3561	Pumps and compressors . . . . .	1.9	-	1.2	-	2.1	-	.7	-	.6	-
3562	Ball and roller bearings . . . . .	1.5	-	.9	-	1.2	-	.5	-	.2	-
3566	Power transmission equipment . . . . .	1.8	-	1.0	-	1.5	-	.7	-	.3	-
357	Office and computing machines . . . . .	2.0	-	1.5	-	1.8	-	.8	-	.4	-
3573	Electronic computing equipment . . . . .	2.0	-	1.6	-	1.7	-	.7	-	.4	-
358	Service industry machines . . . . .	3.5	-	2.1	-	3.0	-	1.2	-	.8	-
3585	Refrigeration machinery . . . . .	3.6	-	2.1	-	2.9	-	1.1	-	.8	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	3.1	-	1.8	-	2.7	-	1.1	-	.7	-
361	Electric test and distributing equipment . . . . .	2.7	-	1.8	-	2.6	-	1.2	-	.5	-
3611	Electric measuring instruments . . . . .	1.9	-	1.4	-	1.9	-	1.2	-	.3	-
3612	Transformers . . . . .	3.7	-	2.1	-	2.7	-	1.0	-	.4	-
3613	Switchgear and switchboard apparatus . . . . .	2.8	-	1.9	-	3.1	-	1.3	-	.9	-
362	Electrical industrial apparatus . . . . .	3.3	-	1.9	-	2.8	-	1.1	-	.5	-
3621	Motors and generators . . . . .	3.6	-	2.4	-	3.4	-	1.3	-	.5	-
3622	Industrial controls . . . . .	3.1	-	1.6	-	2.2	-	.9	-	.3	-
363	Household appliances . . . . .	4.4	-	1.9	-	3.5	-	1.4	-	.8	-
3632	Household refrigerators and freezers . . . . .	5.6	-	.7	-	4.2	-	.8	-	1.7	-
3633	Household laundry equipment . . . . .	2.2	-	1.3	-	1.4	-	.3	-	.2	-
3634	Electric housewares and fans . . . . .	5.3	-	3.0	-	3.7	-	2.3	-	.7	-
364	Electric lighting and wiring equipment . . . . .	3.6	-	2.6	-	2.8	-	1.3	-	.6	-
3641	Electric lamps . . . . .	2.9	-	1.7	-	1.7	-	.7	-	.2	-
3642	Lighting fixtures . . . . .	3.8	-	2.8	-	3.0	-	1.5	-	.5	-
3643.4	Wiring devices . . . . .	3.8	-	2.7	-	3.1	-	1.5	-	.8	-
365	Radio and TV receiving equipment . . . . .	6.2	-	2.0	-	4.7	-	1.2	-	2.1	-
366	Communication equipment . . . . .	1.4	-	.8	-	1.7	-	.5	-	.6	-
3661	Telephone and telegraph apparatus . . . . .	.8	-	.3	-	1.1	-	.3	-	.3	-
3662	Radio and TV communication equipment . . . . .	1.7	-	1.1	-	1.9	-	.7	-	.7	-
367	Electronic components and accessories . . . . .	3.7	-	2.4	-	3.1	-	1.5	-	.7	-
3671-3	Electron tubes . . . . .	2.8	-	1.0	-	2.5	-	.6	-	.4	-
3674.9	Other electronic components . . . . .	3.8	-	2.6	-	3.2	-	1.6	-	.7	-
369	Miscellaneous electrical equipment and supplies . . . . .	2.5	-	1.4	-	2.1	-	.8	-	.4	-
3694	Engine electrical equipment . . . . .	2.1	-	.9	-	2.1	-	.6	-	.5	-
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	3.8	-	2.3	-	3.0	-	1.2	-	1.0	-
371	Motor vehicles and equipment . . . . .	3.1	-	1.5	-	2.2	-	.7	-	.8	-
3711	Motor vehicles . . . . .	2.9	-	1.1	-	2.5	-	.6	-	1.1	-
3712	Passenger car bodies . . . . .	2.1	-	.8	-	1.3	-	.5	-	.1	-
3713	Truck and bus bodies . . . . .	3.7	-	2.2	-	2.7	-	1.5	-	.4	-
3714	Motor vehicle parts and accessories . . . . .	3.3	-	1.7	-	1.9	-	.6	-	.6	-
372	Aircraft and parts . . . . .	1.1	-	.6	-	1.8	-	.6	-	.8	-
3721	Aircraft . . . . .	1.1	-	.6	-	1.8	-	.5	-	.9	-
3722	Aircraft engines and engine parts . . . . .	.9	-	.4	-	1.3	-	.3	-	.5	-
3723.9	Other aircraft parts and equipment . . . . .	1.7	-	1.2	-	2.5	-	1.0	-	.9	-
373	Ship and boat building and repairing . . . . .	8.0	-	5.1	-	6.2	-	2.7	-	2.0	-
3731	Ship building and repairing . . . . .	8.4	-	4.8	-	6.3	-	2.4	-	2.4	-
374	Railroad equipment . . . . .	4.0	-	.8	-	5.6	-	.4	-	3.9	-
375.9	Other transportation equipment . . . . .	10.8	-	8.7	-	7.0	-	4.2	-	1.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2. Labor turnover rates, by industry—Continued**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	2.7	3.1	2.1	2.5	2.4	2.2	1.1	1.2	0.5	0.3
381	Engineering and scientific instruments .....	1.5	-	1.1	-	2.4	-	.9	-	1.0	-
382	Mechanical measuring and control devices .....	3.0	-	2.1	-	2.9	-	1.3	-	.6	-
3821	Mechanical measuring devices .....	1.8	-	1.3	-	2.5	-	1.0	-	.6	-
3822	Automatic temperature controls .....	5.2	-	3.7	-	3.7	-	1.7	-	.5	-
383,5	Optical and ophthalmic goods .....	2.9	-	2.5	-	2.7	-	1.4	-	.6	-
384	Medical instruments and supplies .....	3.6	-	3.2	-	2.7	-	1.6	-	.5	-
386	Photographic equipment and supplies .....	1.5	-	1.4	-	1.1	-	.5	-	.2	-
387	Watches, clocks, and watchcases .....	4.9	-	2.3	-	3.3	-	1.9	-	.5	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	5.0	5.8	3.5	4.3	4.6	4.6	2.2	2.2	1.4	1.2
391	Jewelry, silverware, and plated ware .....	3.8	-	3.0	-	4.3	-	2.2	-	1.2	-
394	Toys and sporting goods .....	8.2	-	5.2	-	5.7	-	2.8	-	1.6	-
3941-3	Games, toys, dolls and play vehicles .....	10.2	-	5.3	-	6.5	-	2.7	-	2.4	-
3949	Sporting and athletic goods, nec .....	6.2	-	5.1	-	4.8	-	2.9	-	.8	-
395	Pens, pencils, office and art supplies .....	2.7	-	2.2	-	3.5	-	1.7	-	1.1	-
396	Costume jewelry and notions .....	4.2	-	3.0	-	5.2	-	2.6	-	1.8	-
393.9	Other manufacturing industries .....	3.8	-	2.9	-	4.0	-	1.7	-	1.2	-
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	5.4	6.6	3.6	4.1	4.8	5.0	2.2	2.5	1.9	1.6
201	Meat products .....	6.3	-	4.2	-	5.6	-	3.5	-	1.3	-
2011	Meat packing plants .....	3.7	-	1.8	-	3.4	-	1.5	-	1.2	-
2015	Poultry dressing plants .....	11.1	-	9.1	-	9.6	-	7.8	-	.6	-
204	Grain mill products .....	3.2	-	2.0	-	3.5	-	1.5	-	1.3	-
2041	Flour and other grain mill products .....	2.3	-	1.4	-	2.4	-	1.1	-	.8	-
2042	Prepared feeds for animals and fowls .....	3.2	-	2.5	-	3.7	-	2.1	-	.9	-
205	Bakery products .....	3.2	-	2.4	-	2.4	-	1.5	-	.4	-
2051	Bread, cake, and related products .....	3.0	-	2.6	-	2.2	-	1.6	-	.2	-
2052	Cookies and crackers .....	4.4	-	1.1	-	3.3	-	1.1	-	1.4	-
207	Confectionery and related products .....	5.4	-	2.3	-	7.4	-	1.5	-	5.2	-
2071	Confectionery products .....	6.2	-	2.4	-	7.1	-	1.8	-	4.6	-
208	Beverages .....	5.2	-	3.8	-	4.1	-	1.8	-	1.5	-
2082	Malt liquors .....	4.7	-	2.2	-	3.1	-	.5	-	1.8	-
21	<b>TOBACCO MANUFACTURES</b> .....	1.7	-	.8	-	2.3	-	.5	-	1.2	-
211	Cigarettes .....	1.0	-	.6	-	.7	-	.2	-	( <sup>1</sup> )	-
212	Cigars .....	2.7	-	.9	-	3.1	-	1.6	-	.6	-
22	<b>TEXTILE MILL PRODUCTS</b> .....	5.4	5.7	4.2	4.6	5.2	5.1	3.3	3.2	.7	.7
221	Weaving mills, cotton .....	5.5	-	4.3	-	5.3	-	3.8	-	.1	-
222	Weaving mills, synthetics .....	5.6	-	4.8	-	5.3	-	3.8	-	.2	-
223	Weaving and finishing mills, wool .....	5.9	-	4.9	-	5.0	-	3.2	-	.5	-
224	Narrow fabric mills .....	5.9	-	4.9	-	5.5	-	2.9	-	1.5	-
225	Knitting mills .....	5.6	-	3.9	-	5.0	-	3.0	-	1.0	-
2251	Women's hosiery, except socks .....	3.9	-	3.0	-	4.2	-	3.1	-	.4	-
2252	Hosiery, nec .....	4.5	-	3.9	-	5.4	-	3.6	-	.9	-
2254	Knit underwear mills .....	5.4	-	4.7	-	4.1	-	3.2	-	.2	-
226	Textile finishing, except wool .....	3.9	-	3.3	-	3.9	-	2.3	-	.8	-
227	Floor covering mills .....	3.8	-	3.1	-	4.2	-	2.3	-	1.1	-
228	Yarn and thread mills .....	6.5	-	5.3	-	6.7	-	4.6	-	.8	-
229	Miscellaneous textile goods .....	4.5	-	3.1	-	4.4	-	2.3	-	.8	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	5.5	6.3	3.8	4.3	6.2	6.0	3.0	3.2	2.3	1.8
231	Men's and boys' suits and coats .....	4.5	-	3.0	-	5.6	-	2.0	-	2.6	-
232	Men's and boys' furnishings .....	5.6	-	4.4	-	5.8	-	3.9	-	1.1	-
2321	Men's and boys' shirts and nightwear .....	5.7	-	4.4	-	5.6	-	3.9	-	.8	-
2327	Men's and boys' separate trousers .....	4.8	-	4.1	-	4.6	-	3.7	-	.2	-
2328	Men's and boys' work clothing .....	6.1	-	5.3	-	6.1	-	4.6	-	.7	-
234	Women's and children's undergarments .....	5.2	-	4.0	-	5.8	-	3.5	-	1.5	-
2341	Women's and children's underwear .....	5.8	-	4.5	-	6.4	-	3.9	-	1.7	-
2342	Corsets and allied garments .....	3.4	-	2.4	-	3.7	-	2.2	-	.8	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	2.8	3.4	1.9	2.6	2.4	2.4	1.0	1.1	.7	.6
261,2,6	Paper and pulp mills .....	1.6	-	1.2	-	1.4	-	.5	-	.4	-
263	Paperboard mills .....	2.1	-	1.5	-	1.6	-	.8	-	.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2. Labor turnover rates, by industry—Continued**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>	Apr. 1976	May 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>PAPER AND ALLIED PRODUCTS—Continued</b>										
264	Miscellaneous converted paper products .....	3.4	-	2.5	-	3.0	-	1.3	-	0.8	-
2643	Bags, except textile bags .....	4.5	-	2.5	-	4.2	-	1.8	-	1.6	-
265	Paperboard containers and boxes .....	3.6	-	2.3	-	3.0	-	1.3	-	.8	-
2651,2	Folding and setup paperboard boxes .....	4.4	-	2.8	-	3.3	-	1.4	-	1.1	-
2653	Corrugated and solid fiber boxes .....	2.9	-	2.1	-	2.3	-	1.2	-	.4	-
27	<b>PRINTING AND PUBLISHING</b> .....	2.7	3.0	2.0	2.4	2.8	2.6	1.5	1.5	.8	0.7
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1.8	2.2	1.2	1.6	1.8	1.8	.7	.7	.4	.6
281	Industrial chemicals .....	1.5	-	1.0	-	1.1	-	.4	-	.1	-
282	Plastics materials and synthetics .....	1.3	-	.8	-	1.4	-	.5	-	.4	-
2821	Plastics materials and resins .....	1.6	-	1.2	-	1.3	-	.5	-	.3	-
2823,4	Synthetic fibers .....	1.1	-	.4	-	1.5	-	.5	-	.5	-
283	Drugs .....	1.3	-	1.1	-	1.2	-	.6	-	.2	-
2834	Pharmaceutical preparations .....	1.4	-	1.1	-	1.3	-	.6	-	.2	-
284	Soap, cleaners, and toilet goods .....	2.8	-	1.8	-	3.3	-	1.1	-	1.5	-
2841	Soap and other detergents .....	1.5	-	.9	-	1.8	-	.5	-	.8	-
2844	Toilet preparations .....	4.0	-	2.2	-	5.0	-	1.4	-	2.7	-
285	Paints and allied products .....	2.3	-	1.8	-	1.8	-	.9	-	.3	-
286,9	Other chemical products .....	2.3	-	1.7	-	3.0	-	.8	-	.7	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	1.7	2.6	1.1	2.1	1.7	1.4	.6	.6	.5	.3
291	Petroleum refining .....	.9	-	.7	-	1.3	-	.3	-	.4	-
295,9	Other petroleum and coal products .....	4.8	-	2.7	-	3.2	-	1.4	-	1.0	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	4.7	5.7	3.5	4.6	4.1	4.4	2.2	2.6	.8	.8
301	Tires and inner tubes .....	1.8	-	.8	-	1.5	-	.5	-	.2	-
302,3,6	Other rubber products .....	4.2	-	3.1	-	3.6	-	1.9	-	.8	-
307	Miscellaneous plastics products .....	5.9	-	4.6	-	5.3	-	2.9	-	1.1	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	6.8	7.4	5.3	5.9	6.3	6.3	3.8	4.0	1.3	1.1
311	Leather tanning and finishing .....	4.4	-	4.1	-	4.2	-	2.3	-	.6	-
314	Footwear, except rubber .....	7.2	-	5.6	-	6.4	-	4.3	-	.9	-
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	3.6	3.1	1.6	2.4	2.1	2.0	1.1	1.1	.2	.4
101	Iron ores .....	3.6	-	1.3	-	1.9	-	.4	-	.1	-
102	Copper ores .....	3.4	-	1.2	-	1.7	-	.8	-	.2	-
11,12	<b>COAL MINING</b> .....	2.1	2.0	1.6	1.6	1.8	1.2	.7	.7	.6	( <sup>1</sup> )
12	Bituminous coal and lignite mining .....	2.1	-	1.6	-	1.8	-	.7	-	.5	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	.5	-	-	-	.7	-	.3	-	.1	-
482	Telegraph communication <sup>2</sup> .....	.8	-	-	-	2.5	-	1.0	-	.4	-

<sup>1</sup> Less than 0.05.

<sup>P</sup> = preliminary.

<sup>2</sup> Data relate to all employees except messengers.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED LABOR TURNOVER**

**D-3. Labor turnover rates in manufacturing, 1965 to date, seasonally adjusted**

[Per 100 employees]

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>												
1965	4.1	4.1	4.2	4.1	4.1	4.3	4.2	4.2	4.4	4.5	4.7	4.9
1966	4.9	5.0	5.3	5.0	5.0	5.1	4.9	5.0	5.0	5.0	4.7	4.6
1967	4.5	4.3	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.5
1968	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	4.8
1969	4.9	4.8	4.9	4.8	4.7	5.0	4.7	4.4	4.7	4.7	4.6	4.5
1970	4.3	4.4	4.0	3.9	4.1	4.1	4.1	3.9	3.9	3.7	3.7	3.9
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	3.9	3.9	4.1	4.2
1972	4.4	4.3	4.4	4.4	4.4	4.2	4.3	4.5	4.5	4.6	4.6	4.7
1973	4.8	4.9	4.9	4.7	4.7	4.8	4.7	4.7	4.8	4.9	4.9	4.5
1974	4.5	4.4	4.4	4.5	4.6	4.4	4.4	4.2	4.0	3.7	3.1	3.1
1975	3.3	3.3	3.4	3.9	3.5 <sup>p</sup>	3.5	4.2	4.0	3.7	3.6	3.7	3.8
1976	4.2	4.2	4.4	4.1	3.9 <sup>p</sup>							
<b>New hires</b>												
1965	2.9	3.0	3.1	2.8	2.9	3.0	3.0	3.1	3.1	3.3	3.5	3.7
1966	3.7	3.8	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.9	3.7	3.6
1967	3.4	3.4	3.2	3.1	3.1	3.3	3.2	3.2	3.3	3.3	3.4	3.5
1968	3.3	3.2	3.4	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.2	2.9	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.8
1972	3.0	3.0	3.1	3.2	3.2	3.0	3.2	3.3	3.4	3.5	3.7	3.7
1973	3.9	4.2	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.9	3.9	3.7
1974	3.6	3.5	3.5	3.5	3.5	3.3	3.4	3.2	3.0	2.7	2.2	1.8
1975	1.5	1.6	1.5	1.7	1.8 <sup>p</sup>	1.8	2.4	2.4	2.3	2.2	2.3	2.4
1976	2.4	2.7	2.9	2.7	2.7 <sup>p</sup>							
<b>Total separations</b>												
1965	3.8	3.8	3.8	3.9	4.0	4.0	3.9	4.3	4.2	4.2	4.2	4.3
1966	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.7	4.6	4.7	4.6
1967	4.8	4.8	4.9	4.8	4.6	4.5	4.5	4.3	4.5	4.5	4.4	4.4
1968	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.8	4.7	4.7	4.5	4.4
1969	4.6	4.8	5.0	4.8	4.9	5.0	4.8	4.9	5.0	4.9	4.9	4.8
1970	4.9	5.2	4.9	5.1	4.9	4.7	4.7	4.5	4.6	4.9	4.9	4.7
1971	4.3	4.2	4.2	4.1	4.1	4.1	4.3	4.4	4.1	4.1	4.2	4.2
1972	4.2	4.0	4.1	4.2	4.2	4.3	4.5	4.2	4.2	4.1	4.1	4.2
1973	4.3	4.4	4.5	4.5	4.7	4.8	4.7	4.9	4.7	4.7	4.5	4.6
1974	4.8	4.7	4.8	4.7	4.6	4.6	4.5	4.6	4.4	4.8	5.6	6.0
1975	5.9	5.3	4.7	4.5	4.1 <sup>p</sup>	3.9	4.0	3.6	3.5	3.7	4.0	3.9
1976	3.5	3.5	3.9	3.7	3.8 <sup>p</sup>							
<b>Quits</b>												
1965	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
1967	2.5	2.5	2.4	2.4	2.3	2.4	2.2	2.2	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.6
1969	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1970	2.4	2.5	2.3	2.3	2.1	2.2	2.1	2.0	2.0	1.9	1.8	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972	2.1	2.0	2.1	2.2	2.2	2.2	2.2	2.3	2.2	2.4	2.4	2.6
1973	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.6	2.8	2.8	2.7
1974	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.1	1.2	1.3	1.3	1.5	1.5	1.3	1.5	1.6	1.5
1976	1.5	1.6	1.7	1.7	1.7 <sup>p</sup>							
<b>Layoffs</b>												
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.6	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.4	1.2	1.0	1.1	1.2	1.3
1967	1.4	1.5	1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.5	1.9	1.9	2.2	2.0	1.7
1971	1.7	1.5	1.5	1.5	1.6	1.6	1.5	2.0	1.7	1.5	1.4	1.3
1972	1.2	1.2	1.1	1.2	1.1	1.4	1.2	1.1	1.0	1.0	.9	.9
1973	.8	.7	.8	.8	.9	.8	1.0	.9	.8	.9	1.0	1.1
1974	1.4	1.2	1.2	1.1	1.1	1.1	1.0	1.3	1.4	2.0	2.5	2.6
1975	3.1	3.0	2.7	2.6	2.6	2.1	1.5	1.5	1.7	1.7	1.6	1.3
1976	1.2	1.1	1.2	1.3	1.3 <sup>p</sup>							

<sup>p</sup>=preliminary.



**ESTABLISHMENT DATA**  
**STATE AND AREA LABOR TURNOVER**

**D-4. Labor turnover rates in manufacturing for selected States and areas**

[ Per 100 employees ]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>
<b>ALABAMA:</b>										
Birmingham .....	3.2	2.9	1.6	1.7	2.9	2.4	1.0	0.7	1.3	1.1
Mobile <sup>1</sup> .....	4.7	4.3	2.7	2.0	6.3	2.7	2.3	1.5	3.0	.4
<b>ALASKA</b> .....	26.5	19.7	18.0	14.7	14.6	15.0	8.3	9.7	5.4	3.9
<b>ARIZONA</b> .....	3.5	4.1	2.5	2.7	3.0	3.0	1.6	1.7	.5	.6
Phoenix .....	3.7	4.3	2.7	2.7	3.1	3.1	1.6	1.9	.6	.5
<b>ARKANSAS</b> .....	8.3	7.4	5.7	5.9	5.9	7.0	3.9	4.5	.7	.8
Fort Smith .....	12.2	7.2	6.0	6.2	6.6	6.5	4.2	4.4	.5	.2
Little Rock—North Little Rock .....	6.2	6.1	5.0	4.9	5.1	5.2	3.5	3.3	.4	.5
Pine Bluff .....	6.3	4.2	3.9	3.0	5.2	5.2	3.8	2.7	.6	2.0
<b>COLORADO</b> .....	4.2	4.1	3.0	3.0	6.6	3.4	1.8	1.7	4.0	1.1
Denver—Boulder .....	3.9	4.1	2.8	2.9	3.3	3.3	1.7	1.8	.7	.9
<b>CONNECTICUT</b> .....	2.5	2.2	1.6	1.3	2.2	2.1	.9	.9	.7	.6
Hartford .....	1.6	1.4	1.1	.9	1.7	1.7	.6	.7	.6	.5
<b>DELAWARE</b> <sup>1</sup> .....	2.7	2.8	1.1	1.0	2.8	4.5	.7	.6	1.2	3.3
Wilmington <sup>1</sup> .....	2.6	2.4	1.0	.8	2.7	4.4	.6	.5	1.1	3.2
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA .....	2.0	(*)	1.5	(*)	1.3	(*)	1.0	(*)	.2	(*)
<b>FLORIDA</b> .....	5.2	4.5	4.1	3.7	5.0	4.8	2.3	2.3	1.7	1.4
Fort Lauderdale—Hollywood .....	5.6	5.0	4.9	4.2	4.6	4.0	2.6	2.5	.2	.5
Jacksonville .....	4.3	3.9	3.5	3.4	3.2	3.2	1.6	1.5	.4	.4
Miami .....	4.9	3.5	4.0	3.0	3.6	3.9	2.0	2.1	.8	1.1
Orlando .....	4.4	4.5	3.2	3.4	3.8	3.9	2.1	2.3	1.0	.6
Pensacola .....	1.7	1.7	1.1	1.1	2.4	1.1	.9	.8	.5	( <sup>2</sup> )
Tampa—St. Petersburg .....	5.0	5.0	3.9	3.5	5.7	5.0	2.6	2.8	2.1	1.2
West Palm Beach—Boca Raton .....	2.4	2.4	2.1	2.1	4.2	9.0	1.5	.9	1.9	7.5
<b>GEORGIA</b> .....	4.8	4.8	3.6	3.6	4.1	4.2	2.6	2.8	.6	.5
Atlanta <sup>3</sup> .....	3.7	5.5	2.4	2.5	2.9	3.2	1.6	1.6	.6	.6
<b>HAWAII</b> <sup>4</sup> .....	2.9	1.9	1.5	1.2	3.8	2.4	.7	.9	1.4	.6
<b>IDAHO</b> <sup>5 6</sup> .....	5.5	7.9	5.2	5.9	6.4	7.5	2.6	4.0	2.8	2.2
<b>ILLINOIS:</b>										
Chicago SMSA .....	3.4	(*)	2.2	(*)	3.0	(*)	1.3	(*)	.7	(*)
<b>INDIANA</b> .....	3.7	3.4	1.8	1.9	2.6	2.6	1.0	1.1	.7	.7
Indianapolis <sup>7</sup> .....	2.7	3.1	1.1	1.2	3.5	2.1	.7	.8	.7	.5
<b>IOWA</b> .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Cedar Rapids .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Des Moines .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>KANSAS</b> .....	4.5	3.9	3.8	3.4	4.4	4.2	2.6	2.8	.9	.6
Topeka .....	4.6	3.0	3.5	2.6	2.4	4.0	1.6	2.1	.1	1.0
Wichita .....	4.6	4.0	4.1	3.5	4.8	4.5	2.6	3.0	1.1	.6
<b>KENTUCKY</b> .....	3.8	3.8	2.1	2.1	3.8	3.6	1.3	1.4	1.7	1.3
Louisville .....	2.6	2.7	1.3	1.0	2.4	2.2	.6	.6	.9	.6
<b>LOUISIANA:</b>										
New Orleans .....	3.2	3.6	2.6	2.8	4.2	4.2	2.2	2.1	1.1	1.1
<b>MAINE</b> .....	6.1	6.0	4.2	4.4	5.3	5.6	2.8	3.2	1.5	1.4
Portland .....	3.7	4.5	2.8	3.3	2.9	3.7	1.8	2.3	.5	.5
<b>MARYLAND</b> .....	3.6	3.7	1.7	1.8	2.9	2.9	1.0	1.0	1.1	1.1
Baltimore .....	3.4	3.4	1.5	1.7	2.7	2.5	.9	1.0	1.1	.9
<b>MASSACHUSETTS</b> .....	3.5	3.3	2.4	2.3	2.6	2.9	1.1	1.3	.8	.9
Boston .....	3.1	3.0	2.1	2.1	2.4	3.0	1.0	1.2	.8	1.0
<b>MICHIGAN</b> .....	3.7	2.9	1.7	1.5	2.3	2.1	.7	.7	.9	.7
Detroit .....	3.6	2.9	1.8	1.5	2.1	2.0	.7	.8	.5	.5

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

## D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>	Mar. 1976	Apr. 1976 <sup>P</sup>
MINNESOTA	3.5	3.4	2.1	2.3	2.8	3.0	1.2	1.5	1.1	0.9
Minneapolis—St. Paul	2.8	2.9	1.9	2.0	2.2	2.4	1.0	1.2	.7	.7
MISSISSIPPI:										
Jackson	3.5	3.8	2.5	2.8	2.6	3.0	1.5	2.0	.4	.3
MISSOURI	3.5	3.4	2.3	2.4	3.2	3.2	1.5	1.6	.9	.9
Kansas City	3.3	3.3	2.6	2.4	3.0	3.3	1.5	1.7	.7	.7
St. Louis	3.0	2.6	1.7	1.4	2.5	2.6	.8	.8	.9	1.1
MONTANA	1.5	4.5	.9	3.6	1.0	2.5	.6	1.4	.1	.4
NEBRASKA	4.6	4.5	3.5	3.7	4.1	4.2	2.2	2.9	1.2	.6
NEVADA	6.9	6.9	5.9	5.9	5.5	6.1	2.4	3.4	1.1	.8
NEW HAMPSHIRE	3.9	4.4	3.0	3.6	3.5	3.9	2.0	2.5	.7	.7
NEW JERSEY:										
Camden <sup>8</sup>	2.9	2.7	1.7	1.5	2.9	2.5	.8	.8	1.4	1.1
Hackensack	3.4	3.3	2.6	2.4	3.6	3.9	1.4	1.7	1.2	1.3
Jersey City	3.7	3.7	2.4	1.9	3.5	4.6	1.0	1.0	1.8	3.0
Newark	3.2	2.6	2.1	1.9	2.6	2.7	1.1	1.0	.8	1.0
New Brunswick—Perth Amboy—Sayreville	2.9	3.2	1.7	1.6	2.6	3.4	.7	.7	1.1	1.9
Paterson—Clifton—Passaic	4.7	3.3	2.6	2.0	4.2	4.9	1.2	1.2	2.3	3.0
Trenton	2.8	1.8	1.8	1.1	2.2	2.4	.8	.8	.7	.6
NEW YORK	3.8	3.4	2.1	2.0	3.0	3.3	.9	1.0	1.3	1.6
Albany—Schenectady—Troy	2.9	3.2	1.6	1.6	1.9	2.2	.6	.6	.6	.5
Binghamton	2.3	2.1	1.3	1.6	2.2	1.8	.8	.8	.4	.5
Buffalo	3.4	2.5	1.0	.9	2.4	1.9	.4	.4	1.4	.9
Elmira	3.3	2.8	1.8	1.7	2.5	2.8	.5	.6	.9	1.3
Monroe County <sup>9</sup>	2.0	1.7	1.3	1.4	1.4	1.4	.4	.6	.5	.4
Nassau—Suffolk <sup>10</sup>	4.1	3.5	3.0	2.7	3.4	3.8	1.5	1.6	1.2	1.4
New York and Nassau—Suffolk	4.7	3.9	2.8	2.6	3.6	4.1	1.2	1.2	1.7	2.1
New York SMSA <sup>10</sup>	4.8	4.0	2.8	2.6	3.6	4.2	1.1	1.1	1.8	2.3
New York City <sup>11</sup>	5.1	4.3	2.9	2.7	3.8	4.5	1.1	1.1	1.9	2.5
Rochester	2.1	2.0	1.3	1.4	1.7	1.7	.5	.6	.7	.6
Syracuse	2.8	2.7	1.5	1.6	2.1	2.4	.7	.7	.8	1.0
Utica—Rome	3.1	2.7	1.6	1.5	2.5	2.7	.7	.8	1.2	1.4
Westchester County <sup>11</sup>	2.7	2.4	1.8	1.5	2.6	2.6	.9	.9	1.1	1.0
NORTH CAROLINA	4.6	4.6	3.7	3.7	4.3	4.5	2.9	3.1	.5	.5
Charlotte—Gastonia	5.0	4.5	4.1	3.9	4.5	4.4	3.2	3.2	.3	.1
Greensboro—Winston-Salem—High Point	4.0	3.8	3.5	3.4	3.9	4.1	2.6	2.7	.4	.4
NORTH DAKOTA	3.8	5.3	2.0	3.4	6.0	5.7	2.2	3.6	2.9	1.2
Fargo—Moorhead	5.2	6.3	2.9	2.9	7.8	8.5	1.7	3.8	5.1	3.1
OHIO	3.4	2.8	1.4	1.4	2.4	2.5	.7	.8	.9	1.0
Akron	1.9	1.7	.6	.8	1.5	1.6	.5	.5	.6	.6
Canton	3.5	3.1	.8	.8	3.1	3.5	.5	.6	1.5	1.8
Cincinnati	3.3	2.6	2.0	1.5	2.5	2.3	.8	.9	1.0	.8
Cleveland	2.8	2.4	1.6	1.6	2.2	2.3	.8	.9	.7	.7
Columbus	2.8	2.6	1.5	1.4	2.0	1.8	.8	.9	.6	.3
Dayton	3.3	2.5	1.9	1.4	2.1	2.0	.6	.7	.6	.5
Toledo	2.2	2.9	1.0	1.2	2.3	2.1	.7	.6	.8	.8
Youngstown—Warren	4.7	4.0	.4	.7	4.1	2.8	.3	.3	2.7	1.7
OKLAHOMA	5.3	4.8	4.6	4.2	4.8	4.9	3.3	3.4	.6	.7
Oklahoma City	4.2	4.5	3.3	3.7	4.6	4.3	3.1	2.9	.7	.6
Tulsa <sup>12</sup>	5.1	4.4	4.5	4.0	3.9	5.3	3.0	3.2	.9	1.0
OREGON <sup>1</sup>	5.4	5.0	3.8	3.6	4.4	4.6	2.0	2.2	1.6	1.5
Portland <sup>1</sup>	4.8	4.5	3.3	3.0	4.1	4.3	1.6	2.0	1.7	1.4
PENNSYLVANIA	3.5	3.1	1.4	1.3	3.3	2.9	.8	.8	1.8	1.4
Allentown—Bethlehem—Easton	3.2	3.5	1.4	1.1	3.6	1.8	.8	.7	2.2	.7
Altoona	4.5	3.4	2.4	2.3	4.8	5.7	1.2	1.6	2.8	3.4
Erie	2.6	3.3	1.1	.8	3.0	2.6	.8	.7	1.4	1.0
Harrisburg	4.4	3.9	2.6	2.5	3.9	2.6	1.8	1.7	1.5	.3
Johnstown	2.1	2.5	1.1	.7	3.0	2.5	.7	.5	1.8	1.6
Lancaster	2.8	2.9	1.6	1.7	2.2	2.6	.9	1.2	.6	.9

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA LABOR TURNOVER**

**D-4. Labor turnover rates in manufacturing for selected States and areas—Continued**

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>	Mar. 1976	Apr. 1976 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	4.5	3.8	2.2	1.4	4.0	4.1	1.2	0.9	2.0	2.7
Philadelphia SMSA .....	3.0	2.6	1.6	1.4	2.6	2.6	.8	.8	1.1	1.1
Pittsburgh .....	3.5	3.1	.6	.7	2.9	2.6	.4	.4	1.7	1.6
Reading .....	3.3	4.3	1.8	1.7	4.5	4.2	1.1	1.2	2.9	2.3
Scranton .....	4.9	4.1	1.6	1.2	5.1	5.8	1.2	.9	3.3	4.5
Wilkes-Barre—Hazleton .....	4.1	2.8	2.4	1.4	3.2	2.7	1.3	1.0	1.0	1.3
Williamsport .....	2.7	2.2	1.3	1.5	1.6	2.1	.7	1.0	.5	.7
York .....	3.7	3.2	2.3	2.2	3.6	4.0	1.4	1.5	1.6	1.8
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	5.5	4.8	3.9	3.4	4.6	5.0	2.2	2.4	1.4	1.7
Providence—Warwick—Pawtucket .....	5.5	4.6	3.9	3.3	4.7	4.5	2.2	2.3	1.5	1.3
<b>SOUTH CAROLINA:</b>										
Greenville—Spartanburg <sup>6</sup> .....	5.2	(*)	4.7	(*)	4.7	(*)	3.4	(*)	.1	(*)
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	6.0	6.5	4.5	4.9	4.5	4.0	2.6	2.6	1.2	.5
Sioux Falls .....	4.5	4.7	2.9	1.9	3.5	3.3	1.5	1.5	1.7	1.3
<b>TENNESSEE:</b>										
Memphis .....	4.1	3.7	2.8	2.5	3.5	4.0	1.6	1.2	.8	1.4
<b>TEXAS:</b>										
Dallas-Fort Worth .....	4.9	4.8	4.3	4.2	4.2	4.2	2.7	2.8	.5	.4
Houston .....	4.1	3.6	3.8	3.3	4.0	4.0	2.7	2.6	.4	.4
San Antonio .....	4.7	5.1	4.3	4.6	4.3	4.4	2.4	3.0	.9	.4
<b>UTAH <sup>5</sup></b>										
Salt Lake City—Ogden <sup>5</sup> .....	5.3	5.1	4.4	4.4	4.4	4.3	2.7	3.0	.8	.4
Salt Lake City—Ogden <sup>5</sup> .....	4.2	4.8	3.8	4.4	4.3	4.3	2.9	3.0	.5	.4
<b>VERMONT</b>										
Burlington .....	3.0	2.5	1.8	1.7	2.2	2.4	1.2	1.2	.6	.8
Burlington .....	1.3	1.6	.5	1.0	.6	1.0	.3	.5	.1	.2
Springfield .....	2.8	1.9	1.1	1.2	2.7	3.1	.4	.8	1.9	1.6
<b>VIRGINIA</b>										
Richmond .....	3.4	3.6	2.6	2.5	3.1	3.4	1.6	1.8	.7	.7
Richmond .....	2.8	2.1	2.2	1.7	2.3	2.6	1.3	1.0	.2	.7
<b>WASHINGTON:</b>										
Seattle—Everett <sup>14</sup> .....	4.0	2.7	2.4	1.9	3.6	3.5	1.2	1.4	1.8	1.4
<b>WISCONSIN</b>										
Milwaukee .....	3.1	2.8	1.7	1.7	2.7	2.6	.8	1.0	1.2	.9
Milwaukee .....	2.9	2.7	1.6	1.6	2.5	2.7	.7	.9	.9	.9
<b>WYOMING</b>										
.....	4.1	4.3	3.5	3.4	3.8	5.1	2.6	2.4	.7	2.0

<sup>1</sup> Excludes canning and preserving.

<sup>2</sup> Less than 0.05.

<sup>3</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.

<sup>4</sup> Excludes canned fruits, vegetables, preserves, jams, and jellies.

<sup>5</sup> Excludes canning and preserving, and sugar.

<sup>6</sup> Based on the 1972 Standard Industrial Classification.

<sup>7</sup> Excludes canning and preserving, and newspapers.

<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>10</sup> Area included in New York and Nassau-Suffolk combined SMSA's.

<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>12</sup> Excludes new-hire rate for transportation equipment.

<sup>13</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.

<sup>14</sup> Excludes canning and preserving, printing and publishing.

\* Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

# STATE AND AREA UNEMPLOYMENT DATA

## E-1. Labor force and unemployment by State and selected areas

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	APR. 1976	MAY. P 1976	APR. 1976	MAY. P 1976	APR. 1976	MAY. P 1976
<b>ALABAMA</b>	1,449.0	1,463.4	97.4	96.5	6.7	6.6
Birmingham	345.4	347.8	24.3	23.6	7.0	6.8
Huntsville	119.5	121.1	8.3	8.0	6.9	6.6
Mobile	157.4	160.1	9.0	9.9	5.7	6.2
Montgomery	101.4	102.1	5.1	5.0	5.0	4.0
Tuscaloosa	51.2	50.4	2.9	2.7	5.7	5.4
<b>ALASKA</b>	200.4	205.7	19.2	20.0	9.6	9.7
<b>ARIZONA</b>	976.6	874.6	70.0	64.7	8.0	7.4
Phoenix	511.8	509.8	42.4	38.8	8.3	7.4
Tucson	168.3	167.7	10.9	10.2	6.5	6.1
<b>ARKANSAS</b>	841.8	858.5	50.3	46.3	6.0	5.4
Fayetteville-Springdale	61.0	61.4	2.9	2.7	4.7	4.4
Fort Smith <sup>1</sup>	72.2	73.0	4.6	4.5	6.4	6.1
Little Rock-North Little Rock	158.0	157.5	7.7	5.7	4.9	3.6
Pine Bluff	31.3	31.9	2.1	2.1	6.7	6.7
<b>CALIFORNIA</b>	9,447.1	9,505.7	931.7	909.1	9.9	9.6
Anaheim-Santa Ana-Garden Grove	807.7	813.8	54.6	54.8	6.8	6.7
Bakersfield	146.4	150.0	14.3	13.0	9.9	8.7
Fresno	205.0	212.1	19.4	18.6	9.5	8.8
Los Angeles-Long Beach	3,240.8	3,243.5	300.6	299.8	9.3	9.2
Modesto	105.4	108.1	17.6	18.6	16.7	17.2
Oxnard-Simi Valley-Ventura	174.6	176.5	14.8	14.9	8.5	8.4
Riverside-San Bernardino-Ontario	491.6	491.9	47.2	45.2	9.6	9.2
Sacramento	376.6	377.3	37.1	35.4	9.9	9.4
Salinas-Seaside-Monterey	100.0	104.0	9.4	8.0	9.4	7.7
San Diego	624.9	629.7	70.5	70.8	11.3	11.2
San Francisco-Oakland	1,468.9	1,469.0	166.0	163.3	11.3	11.1
San Jose	586.1	590.1	50.8	51.5	8.7	8.7
Santa Barbara-Santa Maria-Lompoc	117.7	117.4	8.9	8.3	7.6	7.1
Santa Rosa	98.6	100.2	11.8	10.9	12.0	10.9
Stockton	134.1	136.9	15.1	14.1	11.3	10.3
Vallejo-Fairfield-Napa	101.6	102.4	7.3	7.1	7.2	6.9
<b>COLORADO</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Denver-Boulder	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>CONNECTICUT</b>	1,461.4	1,459.5	139.7	132.6	9.6	9.1
Bridgeport	183.6	182.8	20.5	19.3	11.2	10.4
Hartford**	345.1	346.0	29.2	29.1	8.5	8.4
New Britain	70.2	69.7	7.9	7.6	11.2	10.9
New Haven-West Haven	196.7	195.9	19.8	18.5	10.1	9.4
Stamford	105.5	105.5	7.5	6.8	7.1	6.4
Waterbury	106.1	104.4	11.8	10.5	11.1	10.1
<b>DELAWARE</b>	247.4	249.4	17.6	19.0	7.1	7.6
Wilmington <sup>1</sup>	223.9	225.8	17.1	19.0	7.6	8.4
<b>DISTRICT OF COLUMBIA</b>	340.7	343.9	25.1	24.9	7.4	7.2
Washington SMSA <sup>1</sup>	1,434.8	1,449.0	76.2	75.5	5.3	5.2
<b>FLORIDA</b>	3,453.4	3,441.5	347.8	340.2	10.1	9.9
Fort Lauderdale-Hollywood	338.2	331.8	45.7	43.7	13.5	13.2
Jacksonville	286.8	288.3	19.1	19.5	6.7	6.8
Miami	686.7	680.3	73.2	70.2	10.7	10.3
Orlando	263.5	264.5	25.7	26.2	10.1	9.9
Pensacola	101.3	101.7	5.9	5.9	5.8	5.8
Tampa-St. Petersburg	526.4	524.9	55.2	54.3	10.5	10.4
West Palm Beach-Boca Raton	187.3	183.7	21.9	22.1	11.7	12.0
<b>GEORGIA</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Atlanta	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Augusta <sup>1</sup>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Columbus <sup>1</sup>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Macon	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Savannah	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	APR. 1976	MAY. P 1976	APR. 1976	MAY. P 1976	APR. 1976	MAY. P 1976
HAWAII .....	363.7	364.0	30.8	30.8	8.5	8.5
Honolulu .....	292.0	292.3	24.0	23.8	8.2	8.1
IDAHO .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Boise City .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
ILLINOIS .....	4,983.2	5,018.4	357.4	335.2	7.2	6.7
Bloomington—Normal .....	54.2	54.7	2.4	2.1	4.4	3.8
Champaign—Urbana—Rantoul .....	72.4	73.8	3.2	3.1	4.5	4.2
Chicago .....	3,137.5	3,152.7	232.9	215.2	7.4	6.8
Davenport—Rock Island—Moline <sup>1</sup> .....	172.2	174.3	10.5	10.5	6.1	6.1
Decatur .....	56.1	56.5	4.5	4.2	8.0	7.5
Peoria .....	160.0	160.5	7.7	7.6	4.8	4.7
Rockford .....	126.6	127.2	11.9	11.0	9.4	8.7
Springfield .....	85.6	87.0	4.6	5.0	5.3	5.7
INDIANA .....	2,354.5	2,374.4	138.0	123.4	5.9	5.2
Evansville <sup>1</sup> .....	121.9	123.2	5.6	5.1	4.6	4.1
Fort Wayne .....	170.8	171.7	11.2	8.3	6.6	4.9
Gary—Hammond—East Chicago .....	270.8	272.7	17.6	15.7	6.5	5.8
Indianapolis .....	522.0	522.6	25.7	21.8	4.9	4.2
Muncie .....	54.1	54.3	3.7	3.1	6.8	5.7
South Bend .....	130.0	130.8	6.6	5.6	5.1	4.3
Terre Haute .....	76.3	75.9	4.4	4.1	5.8	5.5
IOWA .....	1,312.6	1,344.7	65.1	60.6	5.0	4.5
Cedar Rapids .....	77.8	77.9	4.0	3.6	5.1	4.6
Des Moines .....	160.7	160.9	8.6	8.3	5.4	5.2
Dubuque .....	40.6	40.9	2.7	2.6	6.6	6.3
Sioux City <sup>1</sup> .....	54.4	55.5	2.6	2.3	4.8	4.1
Waterloo—Cedar Falls .....	61.5	61.5	4.7	4.6	7.6	7.5
KANSAS .....	1,056.5	1,074.0	39.1	38.6	3.7	3.6
Topeka .....	82.9	83.3	3.3	3.2	4.0	3.8
Wichita .....	184.1	186.2	8.8	9.1	4.8	4.9
KENTUCKY .....	1,391.9	1,399.0	82.1	77.8	5.9	5.6
Lexington—Fayette .....	141.5	141.5	4.5	4.3	3.2	3.1
Louisville <sup>1</sup> .....	383.0	384.6	30.0	27.6	7.8	7.2
LOUISIANA .....	1,446.8	1,459.0	108.3	109.4	7.5	7.5
Baton Rouge .....	175.8	176.2	10.1	11.4	5.7	6.5
Lake Charles .....	57.3	57.3	4.9	5.0	8.5	8.8
Monroe .....	48.1	48.5	3.7	3.9	7.7	8.1
New Orleans .....	435.2	436.4	35.1	35.5	8.1	8.2
Shreveport .....	140.4	139.7	11.4	10.7	8.1	7.6
MAINE .....	426.4	429.9	37.1	31.4	8.7	7.3
Lewiston—Auburn .....	33.3	33.3	2.6	2.0	7.8	6.0
Portland .....	75.8	76.8	5.0	5.0	6.6	6.5
MARYLAND .....	1,835.7	1,846.2	118.8	107.8	6.5	5.8
Baltimore .....	927.7	932.6	65.7	61.6	7.1	6.6
MASSACHUSETTS .....	2,684.6	2,688.5	233.1	213.8	8.7	8.0
Boston .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Brockton .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Fall River <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Lawrence—Haverhill <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Lowell <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
New Bedford .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Springfield—Chicopee—Holyoke <sup>1</sup> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Worcester .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MICHIGAN .....	3,840.0	3,870.4	391.9	375.3	10.2	9.7
Ann Arbor .....	123.5	122.5	10.2	10.0	8.3	8.2
Battle Creek .....	80.1	80.2	7.8	7.7	9.8	9.6
Bay City .....	49.9	50.2	4.8	4.8	9.7	9.6
Detroit .....	1,814.9	1,829.9	188.5	183.3	10.4	10.0
Flint .....	203.6	204.1	20.4	20.0	10.0	9.9

See footnotes at end of table

# STATE AND AREA UNEMPLOYMENT DATA

## E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	APR. 1976	MAY, P 1976	APR. 1976	MAY, P 1976	APR. 1976	MAY, P 1976
<b>MICHIGAN—Continued</b>						
Grand Rapids .....	258.6	259.8	20.6	19.0	8.0	7.3
Jackson .....	63.7	64.3	6.5	6.6	10.2	10.3
Kalamazoo—Portage .....	123.8	123.1	9.2	9.1	7.5	7.4
Lansing—East Lansing .....	205.9	207.8	17.6	15.8	8.5	7.6
Muskegon—Norton Shores—Muskegon Heights .....	74.7	74.7	7.7	7.0	10.3	9.4
Saginaw .....	96.0	96.4	8.7	8.6	9.0	8.9
<b>MINNESOTA</b> .....	1,832.1	1,853.6	108.4	88.2	5.9	4.8
Duluth—Superior .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Minneapolis—St. Paul .....	978.5	987.3	61.3	55.2	6.3	5.6
<b>MISSISSIPPI</b> .....	893.9	916.5	46.1	48.7	5.2	5.3
Jackson .....	124.1	126.2	4.8	5.5	3.9	4.4
<b>MISSOURI</b> .....	2,073.1	2,074.9	110.2	98.7	5.3	4.8
Kansas City <sup>1</sup> .....	609.1	608.6	39.0	34.6	6.4	5.7
St. Joseph .....	42.7	43.4	2.0	1.6	4.6	3.7
St. Louis <sup>1</sup> .....	1,011.6	1,014.8	68.0	64.4	6.7	6.3
Springfield .....	88.2	87.9	3.5	2.9	4.0	3.3
<b>MONTANA</b> .....	320.0	321.5	22.9	19.4	7.2	6.0
Billings .....	47.1	46.8	2.5	2.0	5.4	4.2
Great Falls .....	31.7	31.7	2.3	2.0	7.2	6.4
<b>NEBRASKA</b> .....	696.0	709.5	31.5	31.6	4.5	4.3
Lincoln .....	96.9	99.8	3.3	.4	3.4	3.4
Omaha <sup>1</sup> .....	248.6	252.1	18.1	18.3	7.3	7.3
<b>NEVADA</b> .....	291.3	296.0	25.0	23.6	8.6	8.0
Las Vegas .....	155.4	157.2	14.8	14.3	9.5	9.1
Reno .....	80.3	81.6	5.5	5.0	6.9	6.1
<b>NEW HAMPSHIRE</b> .....	358.5	363.8	18.7	15.3	5.2	4.2
Manchester .....	61.0	61.7	3.3	2.9	5.4	4.6
<b>NEW JERSEY</b> .....	3,193.6	3,202.5	317.4	294.6	9.9	9.2
Atlantic City .....	72.0	73.3	9.0	7.3	12.5	10.0
Jersey City .....	252.7	251.1	32.4	30.1	12.8	12.0
Long Branch—Asbury Park .....	196.4	199.3	17.9	15.7	9.1	7.9
Newark .....	886.9	889.2	85.8	83.0	9.7	9.3
New Brunswick—Perth Amboy—Sayreville .....	279.0	277.5	26.9	24.0	9.6	8.7
Paterson—Clifton—Passaic .....	200.5	197.4	24.5	20.3	12.2	10.3
Trenton .....	150.2	148.9	10.9	9.3	7.3	6.3
Vineland—Millville—Bridgeton .....	52.8	53.7	6.2	5.6	11.7	10.4
<b>NEW MEXICO</b> .....	442.0	449.1	29.0	27.3	6.6	6.1
Albuquerque .....	165.0	167.1	11.6	10.6	7.0	6.3
<b>NEW YORK</b> .....	7,522.9	7,543.7	715.6	671.5	9.5	8.9
Albany—Schenectady—Troy .....	345.7	346.7	26.5	25.3	7.7	7.3
Binghamton <sup>1</sup> .....	124.6	125.1	9.3	8.1	7.5	6.5
Buffalo .....	557.9	560.6	61.0	58.2	10.9	10.4
Elmira .....	40.5	40.9	3.3	3.1	8.1	7.6
Nassau—Suffolk .....	1,119.8	1,130.1	82.4	79.2	7.4	7.0
New York .....	3,538.4	3,528.8	362.8	342.8	10.3	9.7
Poughkeepsie .....	96.0	95.6	6.1	5.4	6.4	5.6
Rochester .....	449.0	453.3	35.3	33.5	7.9	7.4
Syracuse .....	281.0	281.6	25.9	24.4	9.2	8.7
Utica—Rome .....	125.2	126.5	13.7	12.6	10.9	10.0
<b>NORTH CAROLINA</b> .....	2,467.8	2,491.8	146.8	143.3	5.9	5.8
Asheville .....	75.6	76.4	4.6	4.4	6.1	5.8
Charlotte—Gastonia .....	299.1	301.0	16.6	16.3	5.5	5.4
Greensboro—Winston-Salem—High Point .....	375.5	378.0	20.9	20.7	5.6	5.5
Raleigh—Durham .....	239.2	241.4	10.1	11.0	4.2	4.6
<b>NORTH DAKOTA</b> .....	285.8	299.6	16.3	13.3	5.7	4.4
Fargo—Moorhead <sup>1</sup> .....	64.1	66.3	3.2	2.9	5.0	4.4

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	APR. 1976	MAY. 1976	APR. 1976	MAY. 1976	APR. 1976	MAY. 1976
<b>OHIO</b> .....	4,670.5	4,707.5	344.1	324.1	7.4	6.9
Akron .....	285.7	287.9	23.7	22.7	8.3	7.9
Canton .....	176.3	177.0	15.7	14.4	8.9	8.2
Cincinnati <sup>1</sup> .....	599.4	605.9	44.2	43.0	7.4	7.1
Cleveland .....	878.5	882.0	57.1	53.9	6.5	6.1
Columbus .....	497.2	501.9	33.2	32.2	6.7	6.4
Dayton .....	353.3	355.2	22.7	21.4	6.4	6.0
Toledo <sup>1</sup> .....	335.1	336.5	23.8	21.8	7.1	6.5
Youngstown—Warren .....	232.7	234.3	22.8	20.5	9.8	8.7
<b>OKLAHOMA</b> .....	1,169.0	1,187.4	86.9	87.5	7.4	7.4
Oklahoma City .....	356.5	361.4	27.3	27.4	7.7	7.6
Tulsa .....	270.5	275.3	18.9	19.4	7.0	7.1
<b>OREGON</b> .....	1,046.5	1,054.7	103.8	94.5	9.9	9.0
Eugene—Springfield .....	110.0	109.7	12.3	10.4	11.2	9.5
Portland <sup>1</sup> .....	509.7	512.8	46.3	44.5	9.1	8.7
Salem .....	91.6	92.9	8.7	8.2	9.5	8.8
<b>PENNSYLVANIA</b> .....	5,036.0	5,065.9	393.7	384.4	7.8	7.6
Allentown—Bethlehem—Easton <sup>1</sup> .....	293.6	295.0	23.4	23.9	8.0	8.1
Altoona .....	54.8	55.4	4.2	4.0	7.6	7.2
Erie .....	122.1	123.8	12.9	12.9	10.6	10.4
Harrisburg .....	208.4	209.7	11.5	10.9	5.5	5.2
Johnstown .....	104.0	104.9	6.9	6.7	6.7	6.4
Lancaster .....	161.8	163.1	9.7	8.4	6.0	5.2
Northeast Pennsylvania .....	269.9	272.3	26.0	25.1	9.6	9.2
Philadelphia <sup>1</sup> .....	2,009.2	2,019.7	160.2	162.1	8.0	8.0
Pittsburgh .....	960.9	966.6	69.2	69.2	7.2	7.2
Reading .....	145.3	145.8	9.7	9.2	6.7	6.3
Williamsport .....	49.4	49.3	4.8	4.7	9.8	9.5
York .....	152.6	152.0	11.4	9.9	7.5	6.5
<b>RHODE ISLAND</b> .....	407.8	406.7	43.2	38.8	10.6	9.5
Providence—Warwick—Pawtucket <sup>1</sup> .....	412.0	410.7	42.9	38.8	10.4	9.4
<b>SOUTH CAROLINA</b> .....	1,181.4	1,195.9	69.8	69.3	5.9	5.8
Charleston—North Charleston .....	127.2	128.2	7.8	7.7	6.2	6.0
Columbia .....	146.2	147.3	7.5	7.7	5.1	5.2
Greenville—Spartanburg .....	231.6	233.9	12.1	11.9	5.2	5.1
<b>SOUTH DAKOTA</b> .....	306.3	315.5	12.0	12.0	3.9	3.8
Sioux Falls .....	50.5	52.4	1.8	1.8	3.5	3.4
<b>TENNESSEE</b> .....	1,810.4	1,825.6	128.3	133.4	7.1	7.3
Chattanooga <sup>1</sup> .....	178.9	178.5	9.7	8.5	5.4	4.8
Knoxville .....	189.6	189.6	11.7	12.4	6.2	6.5
Memphis <sup>1</sup> .....	352.2	353.5	26.2	29.2	7.4	8.3
Nashville—Davidson .....	343.5	345.6	23.0	25.1	6.7	7.3
<b>TEXAS</b> .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Amarillo .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Austin .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Beaumont—Port Arthur—Orange .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Corpus Christi .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Dallas—Fort Worth .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
El Paso .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Galveston—Texas City .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Houston .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Lubbock .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
San Antonio .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Waco .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Wichita Falls .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>UTAH</b> .....	525.5	532.4	32.6	30.3	6.2	5.7
Salt Lake City—Ogden .....	347.3	352.0	21.5	20.5	6.2	5.8
<b>VERMONT</b> .....	199.6	200.4	19.7	18.1	9.9	9.0

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## E-1. Labor force and unemployment by State and selected areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	APR. 1976	MAY. P 1976	APR. 1976	MAY. P 1976	APR. 1976	MAY. P 1976
<b>VIRGINIA</b> .....	2,238.8	2,265.4	118.1	113.4	5.3	5.0
Lynchburg .....	67.0	67.9	3.2	3.0	4.8	4.4
Newport News—Hampton .....	149.1	151.2	8.3	8.2	5.4	5.4
Norfolk—Virginia Beach—Portsmouth <sup>1</sup> .....	294.1	297.4	17.0	16.4	5.8	5.5
Richmond .....	291.0	293.1	10.9	10.8	3.8	3.7
Roanoke .....	106.5	107.0	5.5	5.1	5.2	4.8
<b>WASHINGTON</b> .....	1,536.0	1,553.1	143.9	129.7	9.4	8.3
Seattle—Everett .....	668.8	672.9	59.7	55.9	8.9	8.3
Spokane .....	125.4	126.3	10.3	9.1	8.2	7.2
Tacoma .....	154.1	154.5	17.1	15.0	11.1	9.7
<b>WEST VIRGINIA</b> .....	648.8	662.4	39.1	35.9	6.0	5.4
Charleston .....	106.1	107.7	4.7	4.2	4.4	3.9
Huntington—Ashland <sup>1</sup> .....	106.8	108.2	6.2	6.1	5.8	5.6
Parkersburg—Marietta <sup>1</sup> .....	60.5	61.7	5.0	5.1	8.3	8.3
Wheeling <sup>1</sup> .....	72.6	73.3	4.7	4.2	6.5	5.8
<b>WISCONSIN</b> .....	2,102.9	2,121.1	124.7	113.5	5.9	5.4
Appleton—Oshkosh .....	135.2	136.8	7.4	6.8	5.5	5.0
Green Bay .....	82.6	83.8	5.3	4.7	6.4	5.7
Kenosha .....	61.5	62.0	4.0	3.7	6.4	6.0
La Crosse .....	41.0	40.9	2.3	2.0	5.7	5.0
Madison .....	163.8	166.1	6.5	5.9	4.0	3.6
Milwaukee .....	645.5	646.3	36.8	35.0	5.7	5.4
Racine .....	85.0	85.9	5.1	5.1	6.0	6.0
<b>WYOMING</b> .....	180.6	189.0	7.6	6.5	4.2	3.5

<sup>1</sup> Includes interstate portion of Area located in adjacent State(s).  
p=preliminary.  
N.A.=not available.

\*\* Corrected data for Hartford, Connecticut, March 1976: Labor force 339.4; Unemployment number 29.6; and Unemployment percent of labor force 8.7 (published in the June issue of Employment and Earnings).

NOTE: All data are provisional. They are subject to revision as new benchmark information becomes available. Data refer to place of residence.

SOURCE: Cooperating State Employment Security Agencies listed on the inside back cover.



# UNEMPLOYMENT INSURANCE DATA

## F-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	June 1975	May 1976	June 1976	Change from <sup>1</sup>		June 1975	May 1976	June 1976
				June 1975	May 1976			
<b>TOTAL<sup>2, 3</sup></b> .....	4,033.0	2,775.8	2,628.2	1,404.8	-147.6	6.1	4.2	4.0
<b>SEASONALLY ADJUSTED</b> .....	4,466.2	2,845.6	2,919.9	1,546.3	74.3	6.7	4.3	4.5
Alabama .....	58.4	38.4	38.7	-19.7	0.3	6.3	4.2	4.3
Alaska .....	5.6	10.5	8.3	2.6	-2.2	6.9	9.3	7.3
Arizona .....	41.6	26.1	23.0	-18.6	-3.1	6.7	4.4	3.8
Arkansas .....	42.6	22.0	22.8	-19.9	0.7	7.9	4.2	4.4
California .....	419.5	368.9	332.6	-86.9	-36.3	6.4	5.6	5.1
Colorado .....	24.0	18.2	17.9	-6.1	-0.2	3.2	2.4	2.4
Connecticut .....	82.7	65.9	64.2	-18.5	-1.7	6.8	5.5	5.4
Delaware .....	10.0	8.4	7.7	-2.4	-0.7	4.6	4.0	3.7
District of Columbia .....	14.7	10.9	10.9	-3.8	0	4.1	3.0	3.0
Florida .....	129.0	92.1	90.9	-38.1	-1.2	5.1	3.4	3.4
Georgia .....	77.4	47.4	44.6	-32.8	-2.8	5.2	3.4	3.2
Hawaii .....	14.4	16.7	15.2	0.8	-1.5	4.7	5.3	4.8
Idaho .....	8.1	9.0	9.2	1.0	0.1	3.8	4.1	4.2
Illinois .....	269.6	174.7	166.4	-103.3	-8.3	7.0	4.6	4.4
Indiana .....	95.7	35.5	32.1	-63.6	-3.4	5.6	2.2	2.0
Iowa .....	27.5	22.6	20.8	-6.7	-1.8	3.4	2.8	2.6
Kansas .....	19.5	15.1	16.0	-3.5	0.9	3.2	2.4	2.6
Kentucky .....	54.2	29.4	28.2	-26.0	-1.2	6.4	3.5	3.3
Louisiana .....	47.7	38.0	37.2	-10.5	-0.9	4.8	3.7	3.6
Maine .....	19.5	14.4	13.8	-5.7	-0.7	6.7	5.1	4.9
Maryland .....	64.1	39.8	36.7	-27.4	-3.2	5.6	3.5	3.2
Massachusetts .....	156.9	100.9	93.8	-63.1	-7.1	7.8	5.2	4.8
Michigan .....	233.6	144.3	133.8	-99.8	-10.5	8.4	5.2	4.8
Minnesota .....	53.0	40.3	38.9	-14.1	-1.4	4.0	2.9	2.8
Mississippi .....	31.8	15.9	18.1	-13.8	2.1	5.7	3.0	3.4
Missouri .....	85.1	49.3	45.8	-39.3	-3.5	5.8	3.5	3.2
Montana .....	8.2	8.3	8.3	0.1	-0.1	4.9	4.6	4.5
Nebraska .....	15.6	8.9	8.7	-6.9	-0.2	3.6	2.0	2.0
Nevada .....	13.1	11.8	10.5	-2.6	-1.3	6.2	5.5	4.9
New Hampshire .....	16.9	8.7	8.0	-9.0	-0.7	6.4	3.5	3.2
New Jersey .....	185.2	137.5	128.5	-56.7	-9.0	8.0	6.3	5.9
New Mexico .....	14.0	11.7	11.4	-2.6	-0.3	5.4	4.4	4.3
New York .....	392.9	305.6	296.7	-96.3	-8.9	6.6	5.3	5.2
North Carolina .....	107.1	52.7	52.2	-54.9	-0.5	6.1	3.2	3.2
North Dakota .....	3.0	3.6	2.9	-0.1	-0.6	2.3	2.4	2.0
Ohio .....	196.3	101.9	93.9	-102.4	-8.0	5.2	2.7	2.5
Oklahoma .....	30.3	24.4	24.0	-6.2	-0.4	4.2	3.5	3.5
Oregon .....	47.6	40.3	36.0	-11.5	-4.3	6.4	5.3	4.7
Pennsylvania .....	308.3	210.0	197.1	-111.2	-12.9	7.9	5.6	5.2
Puerto Rico <sup>2</sup> .....	71.4	57.6	58.8	-12.6	1.2	14.5	12.1	12.3
Rhode Island .....	29.8	15.8	15.8	-14.1	-0.1	9.1	5.1	5.1
South Carolina .....	59.2	27.5	27.3	-31.9	-0.2	7.1	3.5	3.5
South Dakota .....	4.0	3.3	3.1	-0.9	-0.2	2.6	2.2	2.0
Tennessee .....	83.0	47.2	45.0	-38.1	-2.2	6.4	3.8	3.7
Texas .....	85.3	56.5	53.7	-31.6	-2.8	2.4	1.5	1.5
Utah .....	15.2	11.9	11.0	-4.2	-0.9	4.6	3.5	3.2
Vermont .....	10.3	7.9	7.4	-2.9	-0.5	7.8	6.1	5.7
Virginia .....	55.8	28.3	24.7	-31.1	-3.6	4.0	2.1	1.8
Washington .....	79.8	68.1	67.6	-12.2	-0.5	8.3	6.9	6.8
West Virginia .....	23.2	18.3	17.0	-6.2	-1.3	5.0	4.1	3.8
Wisconsin .....	89.1	51.3	49.8	-39.3	-1.5	5.9	3.3	3.2
Wyoming .....	2.0	2.1	1.7	-0.4	-0.4	2.1	1.9	1.6

<sup>1</sup> Based on unrounded data; changes of less than 50 not shown.

<sup>2</sup> Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.

<sup>3</sup> Figures do not include claimants receiving benefits under extended benefit provisions.



# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

**Establishment Data (B, C, and D tables)**

**State and Area Unemployment Data (E table)**

**Unemployment Insurance Data (F tables)**

**Seasonal Adjustment**

# Introduction

The statistics in this periodical are compiled from three major sources: (1) Household interviews, (2) reports from employers, and (3) administrative statistics of unemployment insurance systems.

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, race, household relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment surveys are designed to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

*Data based on administrative records of unemployment insurance systems* furnish a complete count of insured unemployment among the three-fourths of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-Armed Forces personnel, and railroad workers. These statistics are published by the Employment and Training Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

## RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey

whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

### Employment

*Coverage.* The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

*Multiple jobholding.* The household approach provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

*Unpaid absences from jobs.* The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969. Reprints of this article are available upon request from the Bureau of Labor Statistics.

### Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers.

In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

## COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*. Reprints of this article may be obtained upon request.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than

once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

*County Business Patterns.* Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

*Employment covered by State unemployment insurance programs.* Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, churches and most local government activities are not covered by unemployment insurance whereas these are included in BLS establishment statistics.

## Household data

(A tables)

### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Manpower Statistics from the Current Population Survey*, BLS Report 313. This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to

obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14 and 15 year olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 47,000 occupied units are eligible for interview. About 2,000 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 8,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next, and one-half to be common with the same month a year earlier.

## CONCEPTS

*Employed persons* comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy.

Excluded are persons whose only activity consisted of work around the house (such as own home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

*Unemployed persons* comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff, (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Re-entrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

*The civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

*The unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

*Participation rates* represent the proportion of the non-institutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

*Not in labor force* includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population. In-

formation on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relate to persons "at work" during the survey week. At work data differ from data on total employment because the latter include persons in zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," persons who worked between 1 and 34 hours are designated as working "part-time." Part-time workers are classified by their usual status at their present job (either full time or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1-34 hours for noneconomic reasons and usually work full time.

*Full- and part-time labor force.* The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

*Labor force time lost* is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*Race.* White and black and other are terms used to describe the race of workers. The black and other category, which until

recently had been identified as "Negro and other races" and prior to 1969 as "nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the black and other population group were black; the remainder were American Indians, Eskimos, Orientals, and all other non-white groups. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

*Spanish origin* refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American or other Spanish origin or descent. According to the 1970 Census, approximately 96 percent of their population is white.

*Major activity:* going to school and major activity: *other* are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-7 for 16-21 year-olds by employment status, race, sex, and, if unemployed, whether seeking full- or part-time work.

*Household head.* One person in each household is designated as the head. The head is usually the person regarded as the head by the members of the group. If a husband and wife family occupy the unit, the husband is designated as the head. The number of heads is equal to the number of households. heads is equal to the number of households.

*Vietnam-era* veterans are those who served in the Armed Forces of the United States between August 5, 1964, and April 30, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population; i.e., veterans in institutions and females are excluded.

*Nonveterans* are males who never served in the Armed Forces.

*Poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

## HISTORIC COMPARABILITY

### Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific jobseeking activity within the past 4 weeks, an exception to the latter condition is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff; in the past, the current availability test was not applied and the time period for jobseeking was ambiguous; (2) counting as employed persons who were absent from their jobs in the survey week because of strikes, bad weather, etc. and were also looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work, dura-

tion of unemployment, and self-employment in order to increase their reliability.

These changes did not affect the unemployment rate by more than one-fifth of a percentage point in either direction, although the distribution of unemployment by sex was affected. The number of employed was reduced about 1 million because of the exclusion of 14- and 15-year-olds. For persons 16 years and over, the only employment series appreciably affected were those relating to hours of work and class of worker. A detailed discussion of the changes and their effect on the various series is contained in "New Definitions of Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints may be obtained upon request.

### Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20-24 year-old males—particularly those of the black and other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any

age-sex group, and all of the changes were in the "other" population.

### Changes in occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

### ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or



unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, race, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the race-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 census between the race-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and race. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and race (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. The actual percent change over time in the population in any age group is preserved.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

**Rounding of estimates**

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

**Reliability of the estimates**

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were

possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

**Table A. Average standard error of major employment status categories**

[In thousands]

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	109	106
<b>MALES</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	81	89
<b>FEMALES</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	74	83

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error

**Table B. Standard error of level of monthly estimates**

(In thousands)

Size of estimate	Both sexes		Males		Females	
	Total or white	Black and other	Total or white	Black and other	Total or white	Black and other
10	4	4	6	4	6	4
50	9	9	11	9	11	9
100	12	12	16	12	16	12
250	20	17	25	17	25	17
500	30	25	34	25	34	25
1,000	40	35	50	35	50	35
2,500	60	40	75	40	75	40
5,000	85	45	90	—	90	—
10,000	115	—	115	—	115	—
20,000	150	—	125	—	125	—
30,000	170	—	—	—	—	—
40,000	180	—	—	—	—	—

of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

*Illustration.* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the

monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for unemployment percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000. Table E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

**Table C. Standard error of estimates of month-to-month change**

(In thousands)

Standard error of monthly level	Standard error of month-to-month change
10	12
25	28
50	55
100	100
150	140
200	155
250	160
300	190

**Table D. Standard error of unemployment percentages**

Base of percentages (thousands)	Estimated percentage									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50	
75	1.5	2.1	3.2	4.5	5.4	6.1	6.7	7.5	8.3	
150	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000	.1	.1	.1	.1	.2	.2	.2	.2	.3	

Table E. Standard error of percentages for major unemployment rates

Selected categories	Monthly level	Consecutive month change	Selected categories	Monthly level	Consecutive month change
Total (all civilian workers) . . . . .	.12	.14	OCCUPATION—Continued		
Males, 20 years and over . . . . .	.14	.17	Blue-collar workers . . . . .	.23	.28
Females, 20 years and over . . . . .	.19	.24	Craft and kindred workers . . . . .	.32	.39
Both sexes, 16-19 years . . . . .	.56	.72	Operatives . . . . .	.36	.46
White workers . . . . .	.12	.15	Nonfarm laborers . . . . .	.66	.84
Black (and other) workers . . . . .	.43	.55	Service workers . . . . .	.32	.40
Household heads . . . . .	.12	.15	Farm workers . . . . .	.43	.53
Married men . . . . .	.13	.16	INDUSTRY		
Full-time workers . . . . .	.12	.15	Nonagricultural private wage and salary workers . . . . .	.14	.17
Part-time workers . . . . .	.35	.44	Construction . . . . .	.75	.95
Unemployed 15 weeks and over . . . . .	.06	.07	Manufacturing . . . . .	.27	.34
Labor force time lost . . . . .	.12	.15	Durable goods . . . . .	.36	.45
OCCUPATION			Non-durable goods . . . . .	.43	.54
White-collar workers . . . . .	.13	.15	Transportation and public utilities . . . . .	.41	.52
Professional and technical . . . . .	.20	.24	Wholesale and retail trade . . . . .	.28	.35
Managers and administrators except farm . . . . .	.23	.28	Finance and service industries . . . . .	.23	.29
Sales workers . . . . .	.39	.48	Government wage and salary workers . . . . .	.19	.24
Clerical workers . . . . .	.24	.30	Agricultural wage and salary workers . . . . .	1.11	1.39

## Establishment data

(B, C, and D tables)

### COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

#### Federal-State cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents, and together with the use of identical techniques at the national and State levels, insures maximum comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS for use in preparing the national series.

#### Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. These

schedules are of the "shuttle" type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

### CONCEPTS

#### Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included

under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

### Industry employment

Employment data, except those for the Federal Government refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period or who are hired but have not been paid during the period.

### Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

*Production and related workers* include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

*Construction workers* include the following employees in the contract construction division: Working supervisors, qualified craft workers, mechanic's apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

*Payroll covers* the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

*Hours cover* the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

*Overtime hours cover* hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

### Gross average hourly and weekly earnings

Average hourly earnings are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

### Average weekly hours

The workweek information relates to the average hours for which pay was received and is different from standard or

scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

#### **Average overtime hours**

The overtime hours represent the portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month-to-month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

#### **Hours and earnings for total private nonagricultural industries**

The series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as the Bureau's *Employment and Wages, County Business Patterns* of the Bureau of the Census, and additional supporting information such as The Hospital Guide, Part II, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints are available upon request.

#### **Railroad hours and earnings**

The figures for class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

#### **Spandable average weekly earnings**

Spandable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable

earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with either none or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents; such workers, in fact have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available upon request from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

#### **Average hourly earnings excluding overtime**

Average hourly earnings excluding overtime premium pay are computed by dividing the total production worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

#### **Indexes of aggregate weekly payrolls and hours**

The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of aggregation, hour and payroll aggregates are the sum of the component aggregates.

#### **Indexes of diffusion of changes in number of employees on nonagricultural payrolls**

These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December, 1974 issue of *Employment and Earnings*.

## Labor turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

*Accessions* are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

*New hires* are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

*Other accessions*, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

*Separations* are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, are defined as follows:

*Quits* are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

*Layoffs* are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

*Other separations*, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

## Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

## ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

## The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table F. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

## Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

## Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1974 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover nearly nine-tenths of the total nonagricultural employment in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions due to benchmark adjustment for the last 3 years is shown in table G.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics, entitled *Employment and Earnings*, United States.

**Table F. Summary of methods for computing industry statistics on employment, hours, and labor turnover**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
All employees . . . . .	All employees estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all employee estimates for component cells.
Production or nonsupervisory workers, women employees . . .	All employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.	Average, weighted by production or nonsupervisory employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production worker overtime hours divided by number of production workers.	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . .	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
<b>Annual average data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . .	Annual total of aggregate payrolls (production or nonsupervisory worker employment multiplied by weekly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

**Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1971, 1973, and 1974**

Industry division	1971	1973 <sup>1</sup>	1974
Total .....	100.2	98.4	99.9
Mining .....	99.8	96.5	97.0
Contract construction .....	96.9	90.4	100.6
Manufacturing .....	100.4	98.9	99.9
Transportation and public utilities .....	100.9	99.3	100.0
Wholesale and retail trade .....	100.3	97.8	100.1
Finance, insurance, and real estate .....	100.2	99.5	98.9
Services .....	100.4	99.1	99.3
Government .....	100.0	99.5	100.6

<sup>1</sup> 2-year revision.

## THE SAMPLE

### Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table H shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

**Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1974<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	158,400	31,637,000	41
Mining .....	2,100	307,000	46
Contract construction .....	16,500	771,000	20
Manufacturing .....	47,000	11,821,000	59
Transportation and public utilities:			
Railroad transportation (ICC) .....	95	537,000	94
Other transportation and public utilities .....	7,300	2,181,000	53
Wholesale and retail trade .....	38,200	3,050,000	18
Finance, insurance, and real estate .....	10,100	1,507,000	36
Services .....	23,500	2,740,000	20
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,200	2,691,000	100
State and local .....	10,400	6,032,000	52

<sup>1</sup> Since a few establishments do not report payroll and hour information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,200 reports covering about 53 percent of employment in Federal establishments.



**Table I. Approximate size and coverage of BLS labor turnover sample, March 1974**

Industry	Employees	
	Number reported	Percent of total
Total . . . . .	10,873,730	52
Manufacturing . . . . .	10,007,800	51
Metal mining . . . . .	61,850	66
Coal mining . . . . .	56,770	35
Communication:		
Telephone . . . . .	734,270	74
Telegraph . . . . .	13,040	61

**Reliability of the employment estimates**

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Improvements brought about by the most recent expansion in unemployment insurance coverage were the major cause of differences in the March 1973 benchmark adjustments. (See article by Carol M. Utter, "BLS Establishment Estimates Revised to March 1973 Benchmark Levels", in the December 1974 issue.) Table J presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table J and for individual industries with the specified number of employees in table K. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE).

**Table J. Average benchmark percent revision in employment estimates and relative errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment . . . . .	0.2	-	-
Total private . . . . .	.1	0.1	0.2
Mining . . . . .	1.2	.5	.5
Construction . . . . .	1.2	.2	.3
Manufacturing . . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.4	.7	.4
Trade . . . . .	.3	.1	.2
Wholesale . . . . .	1.0	.2	.3
Retail . . . . .	.2	.2	.2
Finance, insurance, and real estate . . . . .	.4	.2	.4
Services . . . . .	.6	.4	.8
Government <sup>3</sup> . . . . .	.6	-	-

<sup>1</sup> Relative errors relate to March 1971 data.

<sup>2</sup> The average percent revision in employment for the 1967-71 and 1974 benchmarks.

<sup>3</sup> Estimates for government are based on a total count for Federal Government and samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

The measure is the standard deviation adjusted for the bias in estimates

$$(RMSE = \sqrt{(Standard\ Deviation)^2 + (Bias)^2} ).$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the experience of the last 6 years) of differences between final estimates and benchmarks are presented in table K.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table L presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours and 1 cent for hourly earnings.

**Table K. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings**

Size of employment estimate	Root mean square error of employment estimates <sup>1</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	1,900	0.9	1.5
100,000 .....	2,700	.7	1.1
200,000 .....	4,100	.5	.9
500,000 .....	9,600	.4	.8
1,000,000 .....	13,000	.3	.5
2,000,000 .....	16,800	.3	.5

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

**Table L. Errors of preliminary employment estimates**

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000 .....	600	600
100,000 .....	1,000	900
200,000 .....	1,700	1,700
500,000 .....	2,600	2,400
1,000,000 .....	5,000	4,900
2,000,000 .....	9,000	8,700
10,000,000 .....	29,000	26,000
Total nonagricultural employment .....	98,000	87,000
Mining .....	5,000	5,000
Contract construction .....	20,000	21,000
Manufacturing .....	45,000	42,000
Transportation and public utilities .....	13,000	11,000
Wholesale and retail trade .....	35,000	32,000
Finance, insurance, and real estate .....	7,000	7,000
Services .....	29,000	23,000
Government .....	44,000	42,000

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a

national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest date of availability of each series) in a summary volume published annually by the BLS.

## PRODUCTIVITY DATA

(Tables C-10, C-11, and C-12) are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

## Definitions

*Hours* of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

*Output* is the constant dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

*Compensation per hour* includes wages and salaries of employees plus employers contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

*Real compensation per hour* is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index.

*Unit labor costs* measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* includes corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current dollar estimate of gross product by the constant dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

## Notes on the data

In the total private economy and the nonfarm sector, the basis for the output measure employed in the computation of output per hour is Gross Domestic Product rather than Gross National Product. Computation of hours includes estimates of nonfarm and farm proprietor hours.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hour data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

# State and area unemployment data

(E table)

Since November 1972, the Bureau of Labor Statistics has been responsible for developing the concepts and methods used by State employment security agencies to estimate State and local area labor force, employment, and unemployment. In December 1975, the Office of Management and Budget extended this responsibility to include the publication of State and local area labor force and unemployment estimates. Prior to 1972, State agencies prepared estimates using a method developed by the Department of Labor in 1950, generally referred to as the Handbook method (BES Report No. R-185). The new system combines the Handbook method with a set of procedures based on the concepts and definitions used in the national Current Population Survey (CPS). Improvements have been in two areas: (1) The estimating methodology previously used by State agencies has been modified to more closely approximate CPS definitions; and (2) The State-prepared monthly estimates are benchmarked to annual average totals from the CPS.

## Federal-State cooperative program

Labor force and unemployment estimates for States, labor market areas (LMA), and other areas specifically defined for fund allocation purposes are developed under a Federal-State cooperative program and transmitted each month to BLS. The local area unemployment estimates approved by BLS are the basis for determining eligibility of an area for benefits under Federal economic assistance programs, such as those established by the Comprehensive Employment and Training Act (CETA).

## ESTIMATING METHODS

Monthly employment and unemployment estimates are prepared in several stages:

1. *Preliminary estimate—Employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residence as used in the Current Population Survey. Adjustment factors for the major categories of employment by class of worker and industry have been developed on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—Unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving

benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late, or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying the current ratio of covered unemployment to covered employment to the employment estimate for each industry or class of worker subgroup in the State, weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) the proportion of the working age population that is considered "youth". The composite estimate of total entrants is defined as:

$$U=A(X+E) + BX, \text{ Where}$$

U = total entrant unemployment

E = total employment

X = total experienced unemployment

A,B = synthetic factors incorporating seasonal variation, and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Adjustment for additivity.* Using the Handbook method, States prepare independent employment and unemployment estimates for the State, and for many substate areas. An adjustment is applied to all substate estimates to ensure that the substate estimates add to the independent State totals. Specific additivity adjustment procedures vary from State to State, but are generally one of the three following basic methods: (a) If a State is comprised of mutually exclusive and exhaustive LMA's, then the difference between the independent State estimate and the sum of the estimates for the LMA's is prorated over all LMA's in the State, to produce a set of substate estimates which add to the independent State estimate; (b) If the mutually exclusive LMA's do not exhaust the geographic area of the State, then the difference between the independent State estimate and the sum of the LMA estimates, or residual, becomes the balance-of-State estimate; (c) If a State contains LMA's which are benchmarked independently (see below), estimates for these areas are subtracted from the independent State estimate and the additivity adjustment is then applied to the remaining areas in the balance of the State.

4. *Benchmark correction and extrapolation procedures.* Once each year all monthly estimates prepared by State employment security agencies under the Handbook method are adjusted, or benchmarked, by BLS to the annual average estimates resulting from the CPS. This adjustment is necessary because

the State-prepared estimates are not as reliable as the CPS estimates, due to differences in State UI laws, the structural limitations of the Handbook method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly Handbook estimates are adjusted by the ratio of the CPS and Handbook annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages.

The benchmarked estimates are extrapolated into the current year by applying the latest relevant correction factor to the current Handbook estimates of employment and unemployment. The employment factor used in year (t) is the quotient of the December employment benchmarked and Handbook estimates in year (t-1). The unemployment factor for year (t) is the algebraic difference between the December unemployment benchmarked and Handbook estimates in year (t-1). The preliminary estimate in the current year is then the result of applying the correction factor by multiplication (for employment), or by addition (for unemployment) to the current Handbook estimate.

## Unemployment insurance data

(F tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is

the number of insured unemployed expressed as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Employment and Training Administration, Washington, D.C. 20210.

## Seasonal adjustment

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment methods used for these series are an adaptation of the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns. A detailed description of the method is given in the two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted utilizing the Census Bureau's X-11 Method. Each January, seasonal ad-

justment factors for unemployment and other labor force series are revised to take into account data from the previous year. In January 1976, in addition to the routine annual revisions, the Bureau introduced a modification in the procedure for seasonally adjusting teenage unemployment and those few other unemployment series (e.g., unemployed new entrants) of which teenagers are the exclusive or major part. All other series are adjusted following past procedures.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted series for major components of the labor force based on data through December 1975, new

seasonal factors for the 12 major components of the civilian labor force, and a description of the seasonal adjustment methodology are published in the February 1976 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, the seasonally adjusted series on hours and hourly earnings, for industry groupings are computed by applying factors directly to the corresponding unadjusted series, utilizing the BLS Seasonal Factor Method. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or non-supervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and non-

durable goods the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

Labor turnover rates are seasonally adjusted by applying appropriate seasonal factors to the rate. These factors are derived by the Census X-11 method using the trading day option. As a result these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through June 1975. Seasonal factors to be used for current adjustment appear in the October 1975 issue of *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods, BLS Bulletin 1910*.

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**COOPERATING STATE AGENCIES**

*State and Local Area Unemployment Statistics Program (LAUS), Current Employment Statistics Program (CES), and Labor Turnover Statistics Program (LTS)*

BLS  
Region

IV ALABAMA	-Department of Industrial Relations, Industrial Relations Building, Montgomery 36104
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99801
IX ARIZONA	-Department of Economic Security, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, P.O. Box 2981, Little Rock 72203
IX CALIFORNIA	-Employment Development Department, P.O. Box 1679, Sacramento 95808 (LAUS and CES).
VIII COLORADO	-Division of Employment, Department of Labor and Employment, Room 222, 1210 Sherman Street, Denver 80203
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III DELAWARE	-Department of Labor, 205 West 14th Street, Wilmington 19899
III DIST. OF COL.	-Office of Administration and Management Service, D.C. Manpower Administration, Room 626, 500 C Street, N.W., Washington 20001
IV FLORIDA	-Division of Employment Security, Department of Commerce, Caldwell Building, Tallahassee 32304
IX GEORGIA	-Employment Security Agency, Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	-Department of Labor and Industrial Relations, P.O. Box 3680, Honolulu 96811
X IDAHO	-Department of Employment, P.O. Box 7189, Boise 83707
V ILLINOIS	-Bureau of Employment Security, Department of Labor, 165 North Canal Street, Chicago 60606
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Employment Security Commission, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Employment Security Division, Department of Labor, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department of Human Resources, P.O. Box 678, Frankfort 40601
VI LOUISIANA	-Department of Employment Security, P.O. Box 44094, Capitol Station, Baton Rouge 70804
I MAINE	-Employment Security Commission, Department of Manpower Affairs, 20 Union Street, Augusta 04330
III MARYLAND	-Department of Employment and Social Services, 1100 North Eutaw Street, Baltimore 21201
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V MINNESOTA	-Department of Manpower Services, 390 North Robert Street, St. Paul 55101
IV MISSISSIPPI	-Employment Security Commission, P.O. Box 1699, Jackson 39205
VII MISSOURI	-Division of Employment Security, Department of Labor and Industrial Relations, P.O. Box 59, Jefferson City 65101
VIII MONTANA	-Employment Security Division, Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII NEBRASKA	-Division of Employment, Department of Labor, P.O. Box 94600, State House Station, Lincoln 68509
IX NEVADA	-Employment Security Department, P.O. Box 602, Carson City 89701
I NEW HAMPSHIRE	-Department of Employment Security, 32 South Main Street, Concord 03301
II NEW JERSEY	-Department of Labor and Industry, 202 John Fitch Plaza, Trenton 08625
VI NEW MEXICO	-Employment Security Commission, P.O. Box 1928, Albuquerque 87103
II NEW YORK	-Division of Employment, N.Y. State Department of Labor, State Campus-Building 12, Albany 12201
IV NORTH CAROLINA	-Employment Security Commission, P.O. Box 25903, Raleigh 27611
VIII NORTH DAKOTA	-Employment Security Bureau, P.O. Box 1537, Bismarck 58505
V OHIO	-Division of Research and Statistics, Bureau of Employment Services, 145S. Front St., Columbus 43216
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III PENNSYLVANIA	-Bureau of Employment Security, Department of Labor and Industry, Seventh and Forster Streets, Harrisburg 17121
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IV TENNESSEE	-Department of Employment Security, Room 519, Cordell Hull Office Building, Nashville 37219
VI TEXAS	-Employment Commission, TEC Building, 15th and Congress Avenue, Austin 78778
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X WASHINGTON	-Employment Security Department, P.O. Box 367, Olympia 98504
III WEST VIRGINIA	-Department of Employment Security, State Office Building, 112 California Avenue, Charleston 25305
V WISCONSIN	-Department of Industry, Labor, and Human Relations, P.O. Box 608, Madison 53701
VIII WYOMING	-Employment Security Commission, P.O. Box 2760, Casper 82601