

EMPLOYMENT AND EARNINGS

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CALENDAR OF FEATURES

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	July	Aug.	Sept.	Oct.	Nov.
Household data										
Annual averages	x									
Revised seasonally adjusted series and current seasonal factors		x								
Quarterly averages:										
Seasonally adjusted data										
Persons not in labor force	x			x		x			x	
Vietnam Era war veterans										
Establishment data										
National annual averages:										
Industry divisions (preliminary)	x									
Industry detail (final)			x							
Women employment (National)		x			x		x			x
National data adjusted to new benchmarks								(1)		
Revised seasonally adjusted series and current seasonal factors								(1)		
State and area annual averages					x					
Area definitions					x					

¹ The issue that introduces the establishment data adjusted to new benchmarks varies. The September 1971 issue marks the introduction of March 1970 benchmarks.

Employment and Unemployment Developments, July 1972

The Nation's employment situation was unchanged in July, with the overall unemployment rate holding at 5.5 percent and the number of employed persons remaining at the June level. The jobless rate in June and July was substantially below the rates of around 6 percent which had prevailed since the close of 1970.

At 81.7 million (seasonally adjusted), total employment was unchanged from June. Over the year, the number of jobholders has increased by almost 2.5 million persons. Nonfarm payroll employment was also essentially unchanged over the month. A rise in service industries employment was offset by a decline in employment in goods-producing industries, due in part to the effects of tropical storm Agnes and increased strike activity in construction.

Unemployment

The number of unemployed persons totaled 5.2 million in July, down from 5.4 million in June. This was in line with the expected seasonal change, and, after seasonal adjustment, there was no change in either the level or rate of unemployment.

Unemployment rates for most of the major age-sex-color groups showed little or no change over the month. Specifically, jobless rates for adult men (3.9 percent), adult women (5.7 percent), teenagers (14.8 percent), married men (2.7 percent), whites (5.0 percent), and Negroes (9.9 percent) were all essentially the same as in June. Although the jobless rate for all adult men (20 years and over) was unchanged, the rate was down over the month for men 25 and over. The rate for household heads also declined—from a June level of 3.6 percent to 3.3 percent in July. Jobless rates for all of the above groups were down over the year, except for adult women and Negro workers, whose rates remained the same.

Jobless rates were also unchanged over the month for most of the other major labor force categories, including full-time workers, part-time workers, State insured unemployed, blue-collar workers, and manufacturing workers. (See table A-33.) However, the rate for construction workers moved up to 10.9 percent over the month, after declining in the previous month.

The average (mean) duration of unemployment was 11.8 weeks in July, down from the unusually high level of 13.5 weeks in June and at about the same level as a year ago. Over the year, the number of persons unemployed 15 weeks or more has dropped by 90,000, the number unemployed 5 to 14 weeks has decreased about 70,000, and there has been no change in the number unemployed a month or less.

Although there was no change in total joblessness in July, there were changes in the composition of the unemployed by reason for unemployment. The number of unemployed workers who had lost their job declined by 120,000 over the month (seasonally adjusted), and there was also a decline among new entrants to the labor force. This was countered by an increase in the number who were reentering the labor force. (See table A-35.) Over the year, there has been a substantial decrease in the number of job losers and a smaller reduction in the number of reentrants. In contrast, the number of persons unemployed because they left their last job actually increased.

Civilian labor force and total employment

With virtually no change in either employment or unemployment levels (seasonally adjusted), the civilian labor force remained essentially unchanged at 86.5 million over the month. Since July 1971, total employment has risen by nearly 2.5 million (after eliminating the effects of the 1970 Census population control adjustment introduced in January 1972). Adult men accounted for almost 1.1 million of this increase, adult women for 930,000, and teenagers for 470,000.

Vietnam Era veterans

The employment situation for Vietnam Era veterans 20 to 29 years old was essentially unchanged in July but showed improvement over the year. Of the 4.3 million veterans in the labor force in July, about 4 million were employed and 300,000 were unemployed. Their seasonally adjusted rate of unemployment was 7.3 percent. (See table A-38.) Over the year, their labor force rose

by 460,000, in line with the net increase in the 20-29 year-old veteran population. All of the increase occurred in employment, and this change was largely responsible for the drop in the unemployment rate over the year—from 8.6 to 7.3 percent. Another factor was the shift in the age composition of veterans; a larger proportion of veterans now than a year ago are in the 25 to 29 age group where the unemployment rate is substantially lower.

For nonveterans in the 20-29 year age group, the seasonally adjusted unemployment rate was 6.5 percent in July, unchanged from June and not significantly below a year ago. The gap between the unemployment rate of veterans and the lower rate of nonveterans continued to be less than 1 percentage point, approximately half the difference in July 1971.

Industry payroll employment

Nonfarm payroll jobs totaled 72.6 million in July, seasonally adjusted, little changed from the levels of the previous 2 months. Since July a year ago, payroll employment has advanced by 2.0 million jobs. Employment continued to increase in the service-producing industries between June and July, but this gain was offset by a decline in the goods-producing sector, due in part to new strike activity in contract construction and the aftermath of tropical storm Agnes.

In the service-producing industries, employment rose by 105,000, seasonally adjusted, as a result of increases in services and State and local government. Employment in trade was unchanged in July, after posting a substantial gain in June (as revised), while employment in transportation and public utilities, the Federal government, and finance, insurance, and real estate edged down over the month. Since last July, employment in the service-producing sector has increased by 1.7 million jobs.

Employment in the goods-producing sector dropped over the month by 190,000, seasonally adjusted; the decline was about equally divided between manufacturing and contract construction. Manufacturing employment dropped 100,000, seasonally adjusted, after increasing 430,000 during the first half of the year. Most of this reduction occurred in the nondurable goods sector, particularly in the apparel industry. In durable goods, the largest employment decline took place in electrical equipment.

The number of workers on contract construction payrolls declined in July by 90,000, seasonally adjusted, after showing little change over the previous 4 months. This cutback resulted in large part from several labor disputes in the industry plus the effects of tropical storm Agnes.

Hours of work

The average workweek for all rank-and-file workers on private nonagricultural payrolls was unchanged in July at 37.3 hours, seasonally adjusted. Hours of work in manufacturing also remained the same over the month (40.7 hours) but were up seven-tenths of an hour over the past year. Factory overtime hours were about unchanged in July but, at 3.5 hours (seasonally adjusted), were a half hour above a year ago.

Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls edged up 1 cent in July to \$3.62, both before and after seasonal adjustment. Compared with July a year ago, hourly earnings have risen 19 cents, or 5.5 percent.

The small gain in hourly earnings, coupled with a rise of 0.2 hour in the workweek (not seasonally adjusted), resulted in an advance of \$1.09 in average weekly earnings to \$136.47. After seasonal adjustment, average weekly earnings increased by 38 cents.

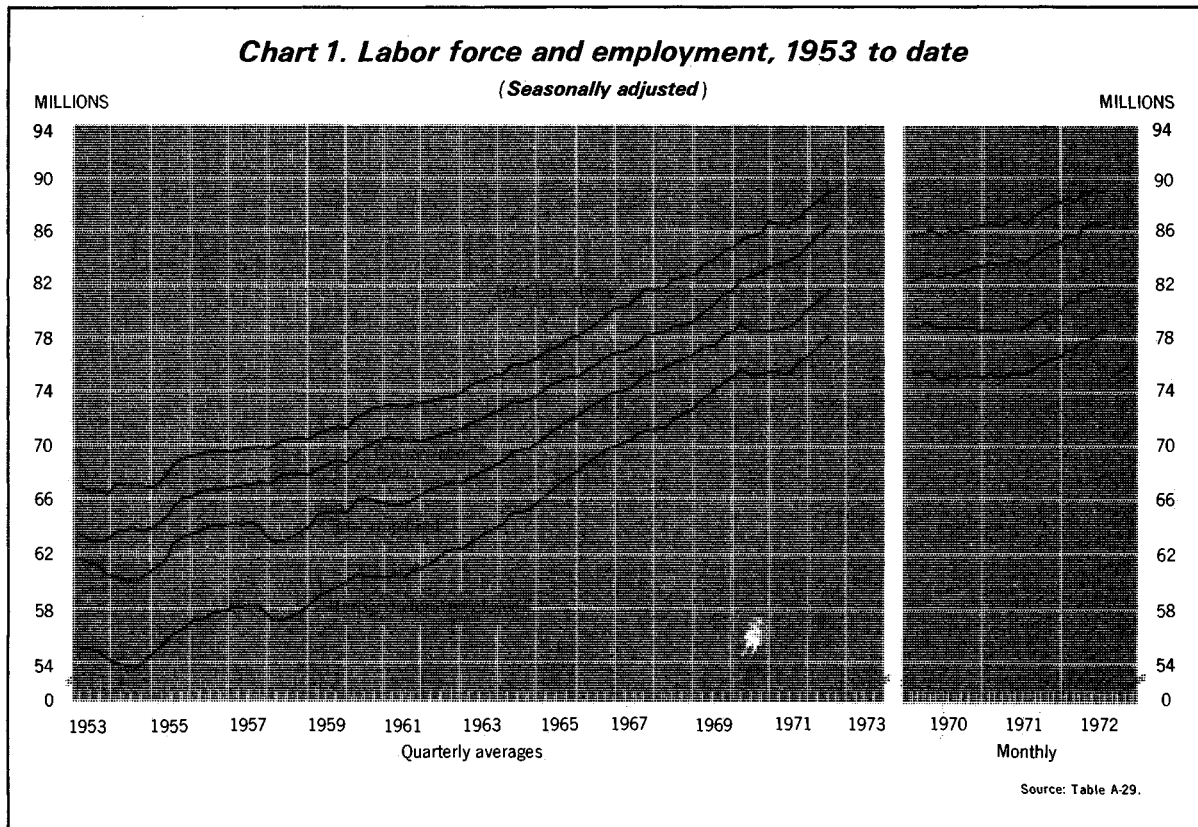
Since July 1971, average weekly earnings have risen \$8.53, or 6.7 percent. During the latest 12-month period for which the Consumer Price Index is available—June 1971 to June 1972—consumer prices rose 2.9 percent.

Hourly earnings index

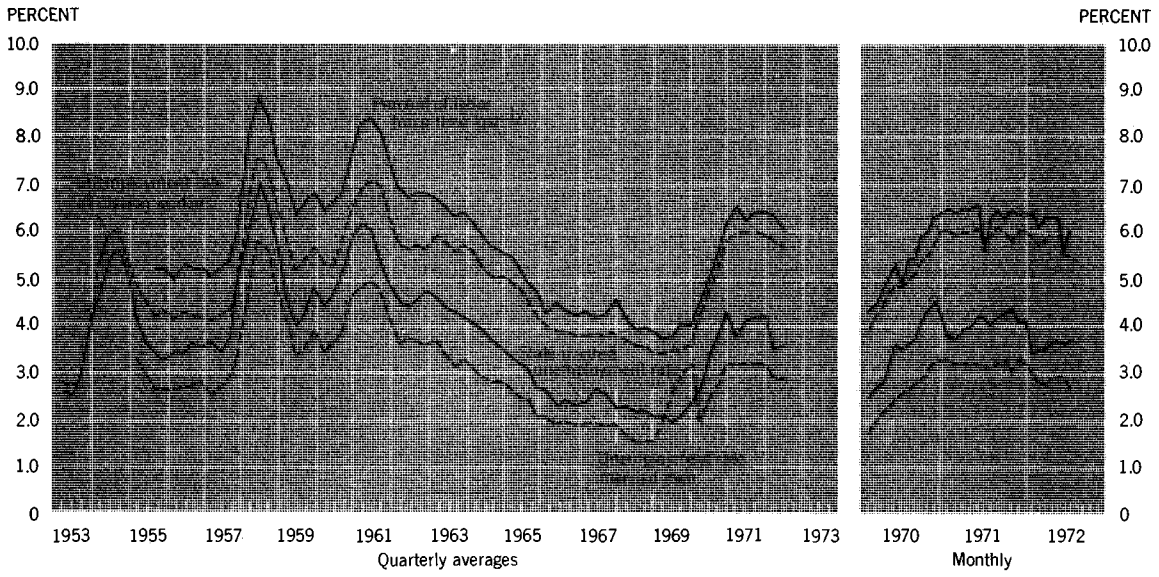
The Bureau's Hourly Earnings Index, seasonally adjusted, was 137.5 (1967=100) in July, 0.4 percent higher than in June, according to preliminary figures. The index was 5.8 percent above July a year ago. All industries posted over-the-year increases, ranging from 4.0 percent in services to 11.1 percent in transportation and public utilities. During the 12-month period ending in June, the Hourly Earnings Index in dollars of constant purchasing power rose 2.9 percent.

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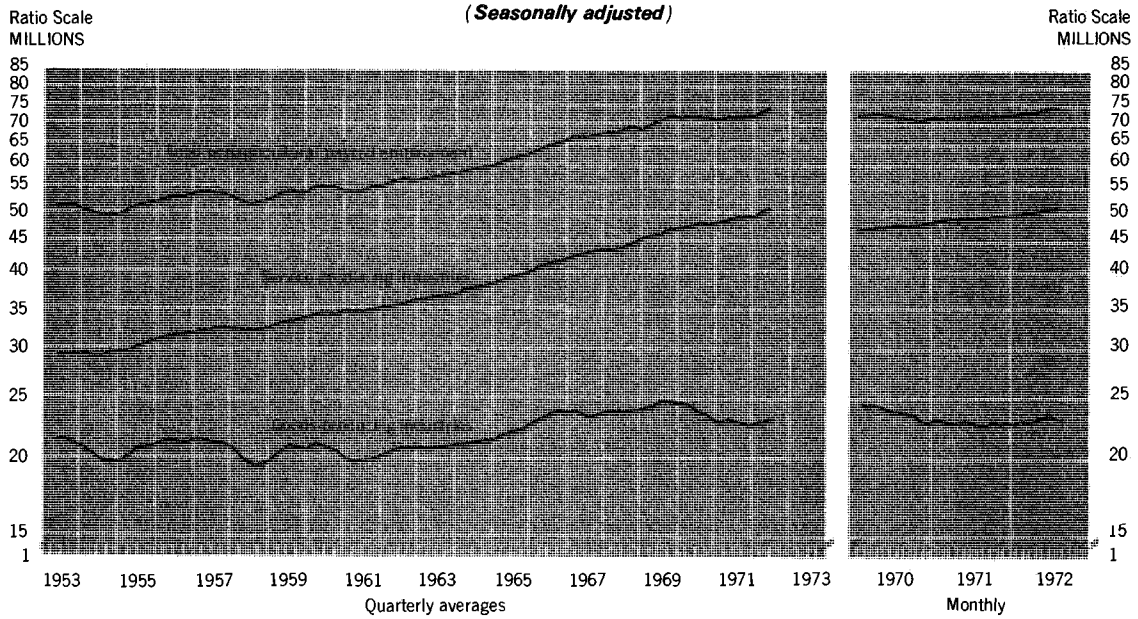
**Chart 2. Major unemployment indicators
1953 to date**
(Seasonally adjusted)



1/ Series revised beginning 1963 to reflect whether unemployed persons sought full-or part-time jobs.

Source: Table A-33.

**Chart 3. Payroll employment in goods-and service-producing industries
1953 to date**
(Seasonally adjusted)

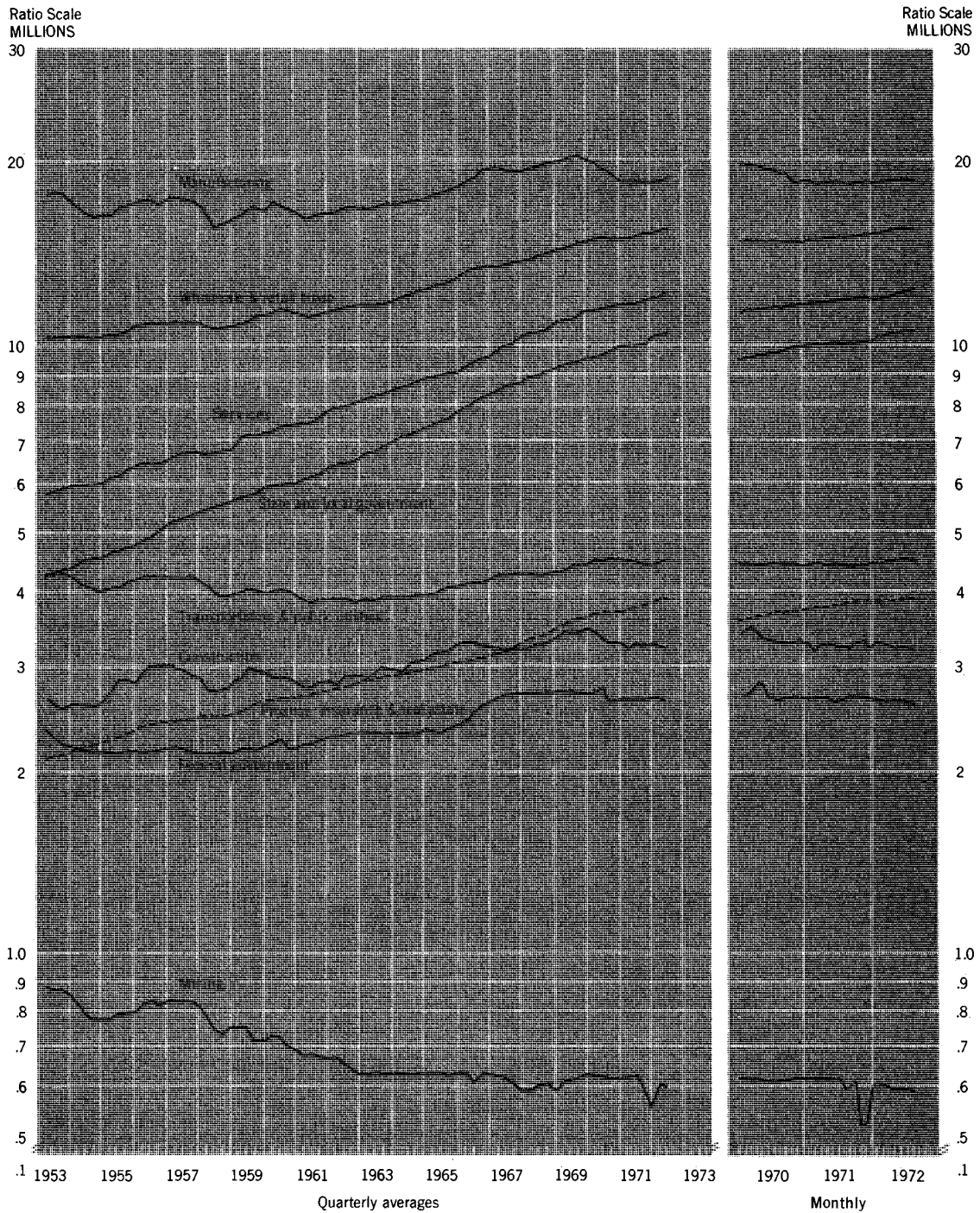


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

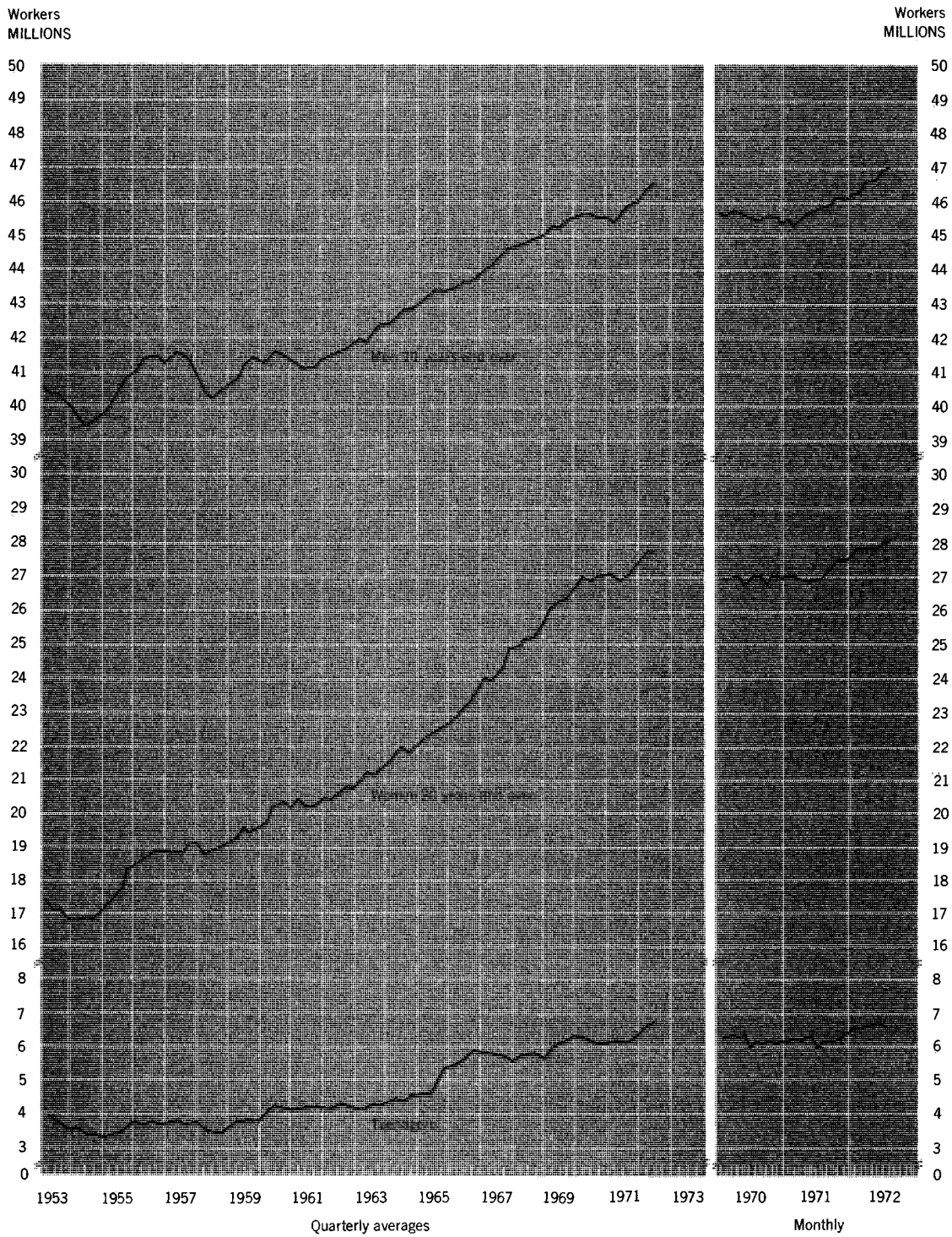
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

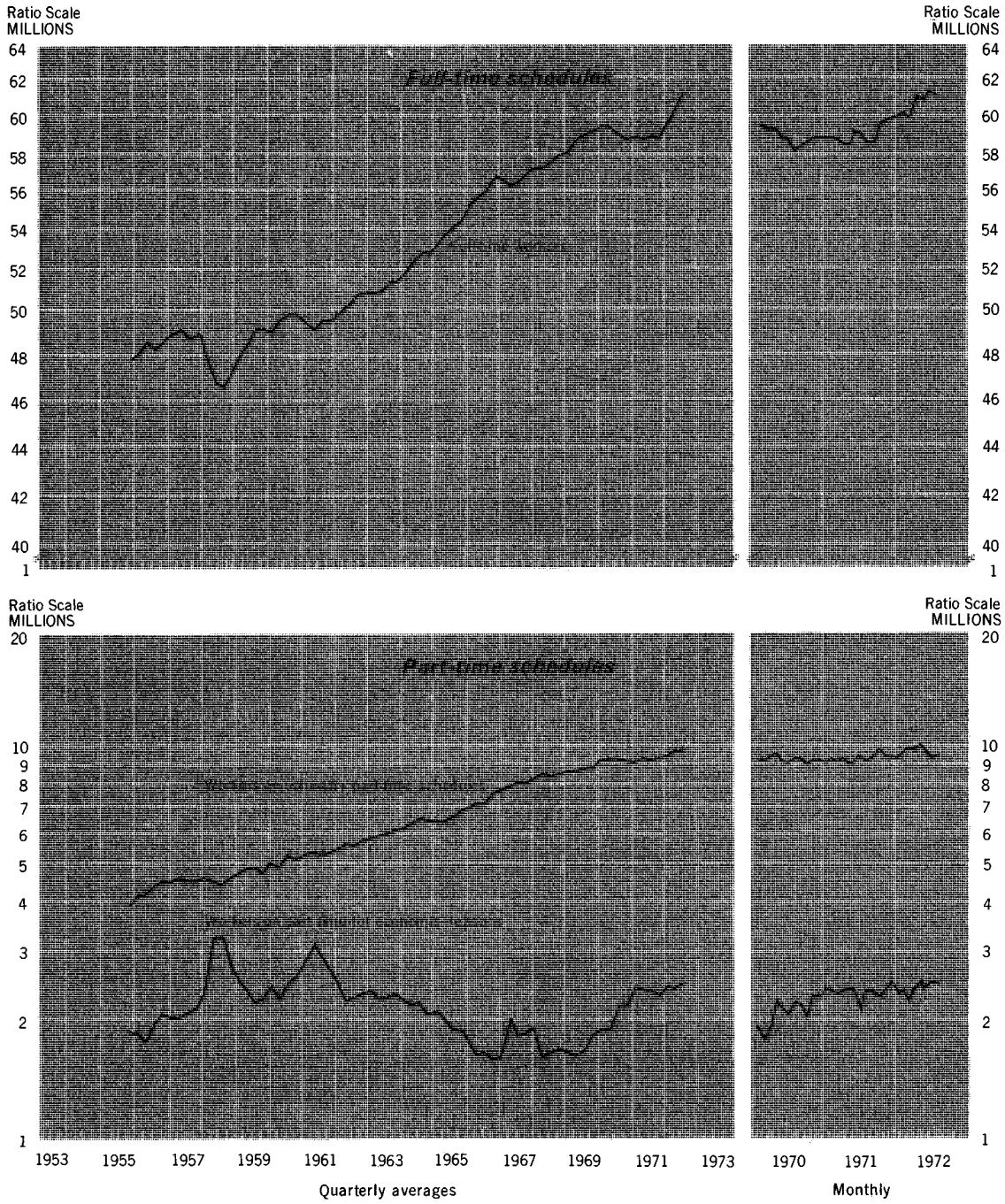
Source: Table B-5.

**Chart 5. Total employment by age and sex
1953 to date**
(Seasonally adjusted)



Source: Table A-29

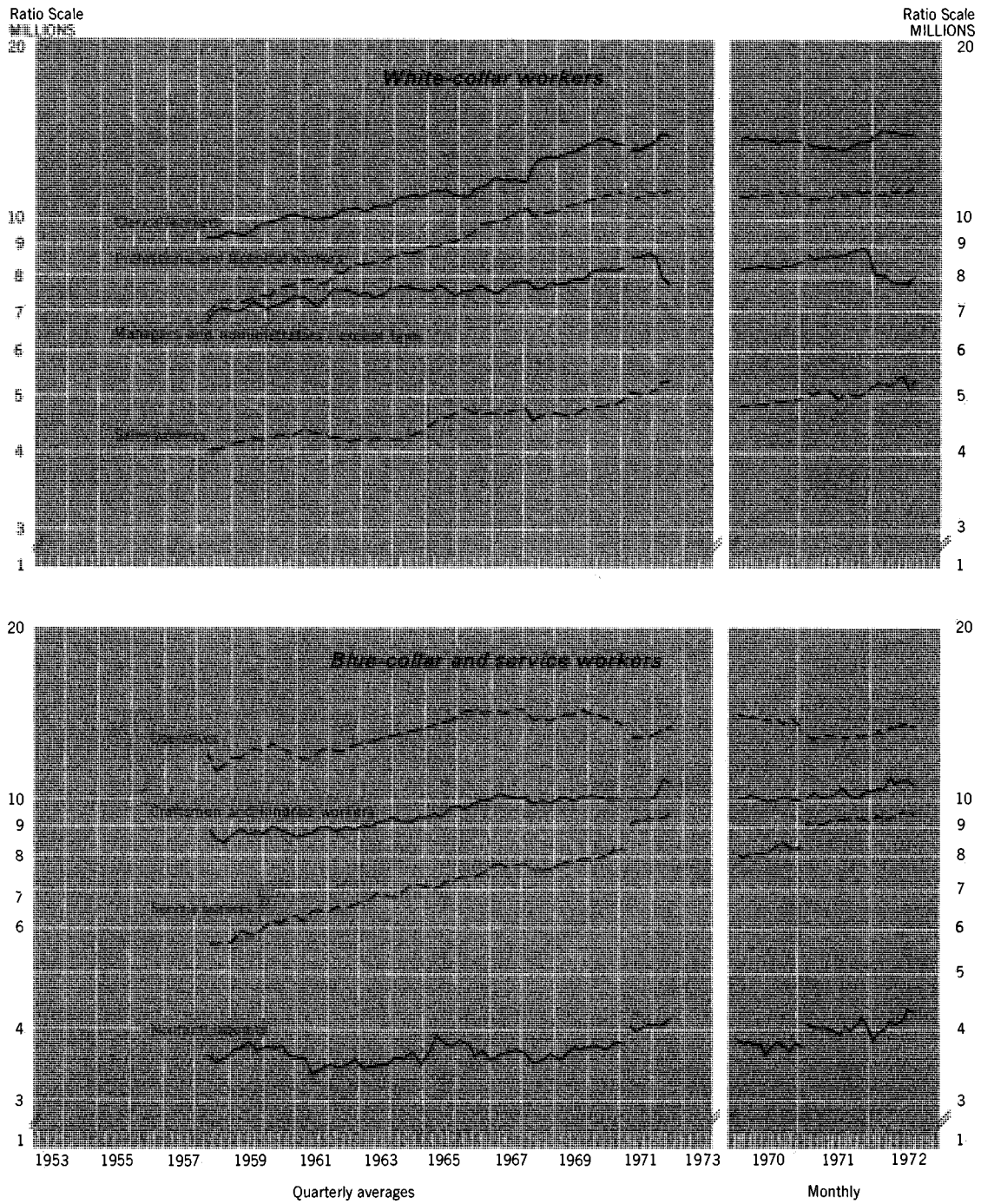
**Chart 6. Persons at work full and part time
in nonagricultural industries
1955 to date**
(Seasonally adjusted)



Source: Table A-29 and unpublished data.

Chart 7. Employment in nonfarm occupations 1958 to date

(Seasonally adjusted)



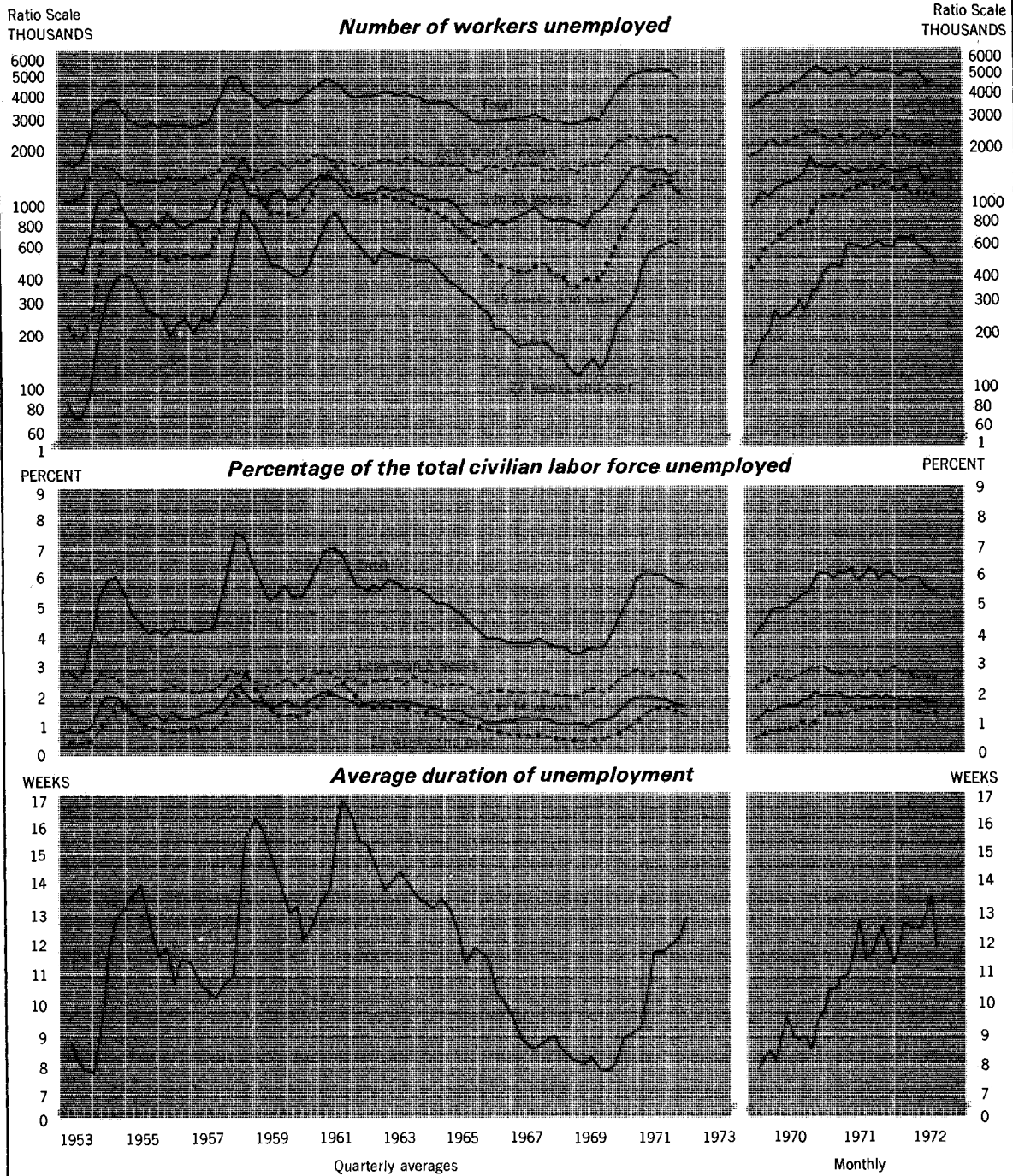
¹ Excludes private household workers.

Note: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month, creating a break in series.

Source: Table A-37.

Chart 8. Duration of unemployment 1953 to date

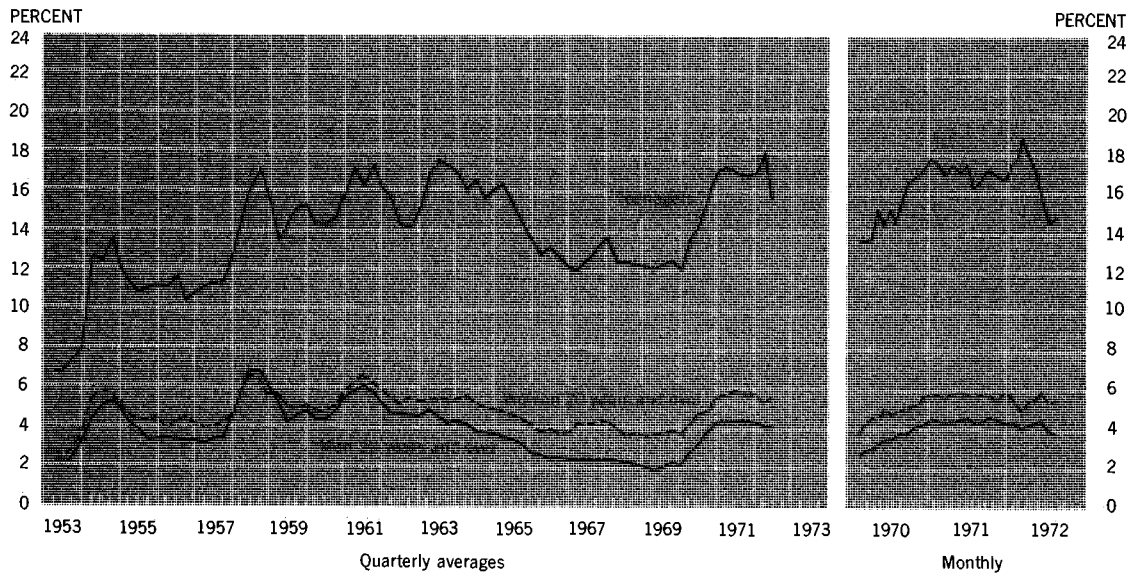
(Seasonally adjusted)



Source: Table A-32.

**Chart 9. Unemployment rates by age and sex
1953 to date**

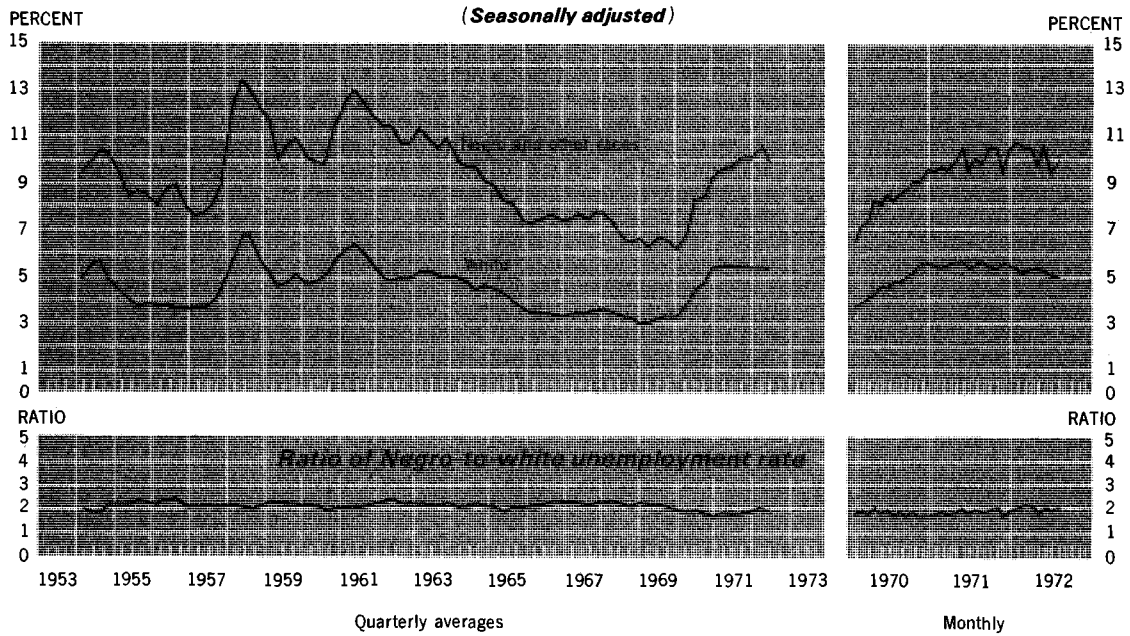
(Seasonally adjusted)



Source: Table A-33.

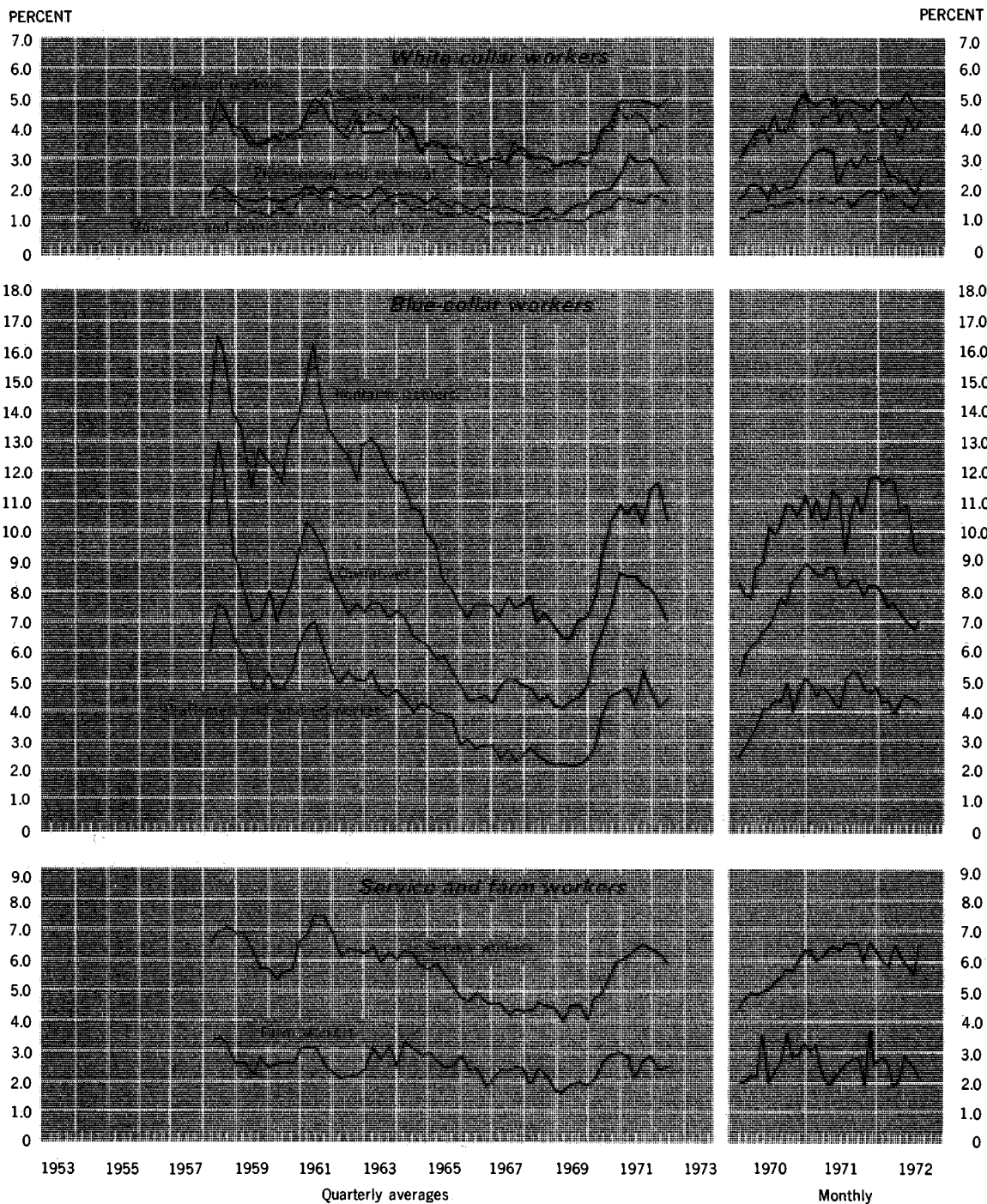
**Chart 10. Unemployment rates by color
1954 to date**

(Seasonally adjusted)



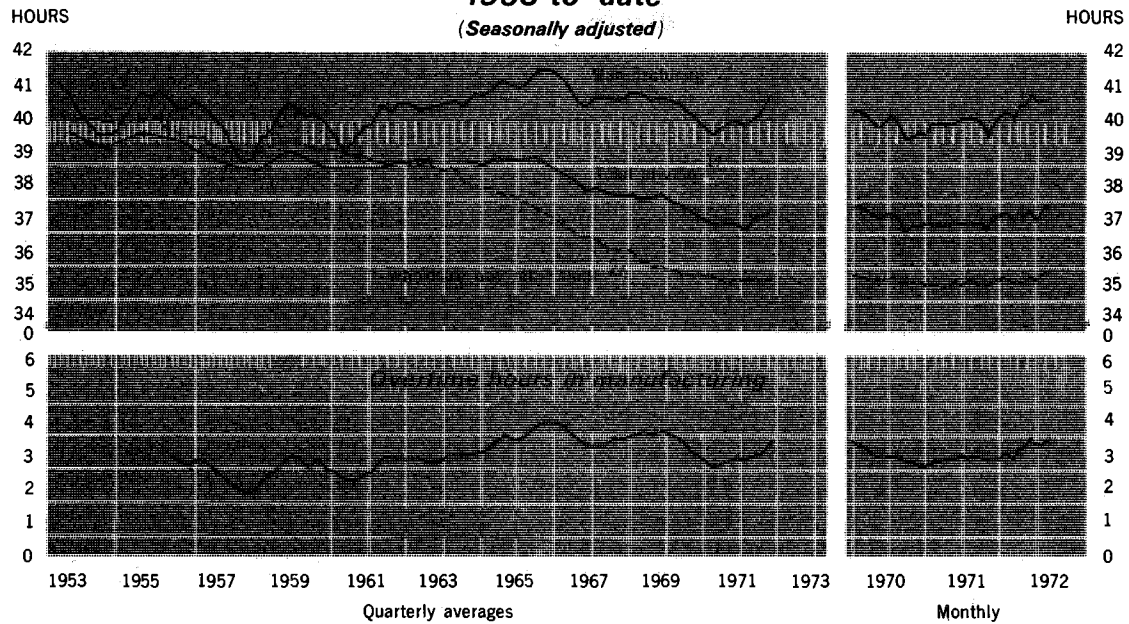
Source: Table A-31.

Chart 11. Unemployment rates by occupation
1958 to date
(Seasonally adjusted)



Source: Table A-33.

Chart 12. Average weekly hours in private nonagricultural establishments, manufacturing and trade
1953 to date
(Seasonally adjusted)



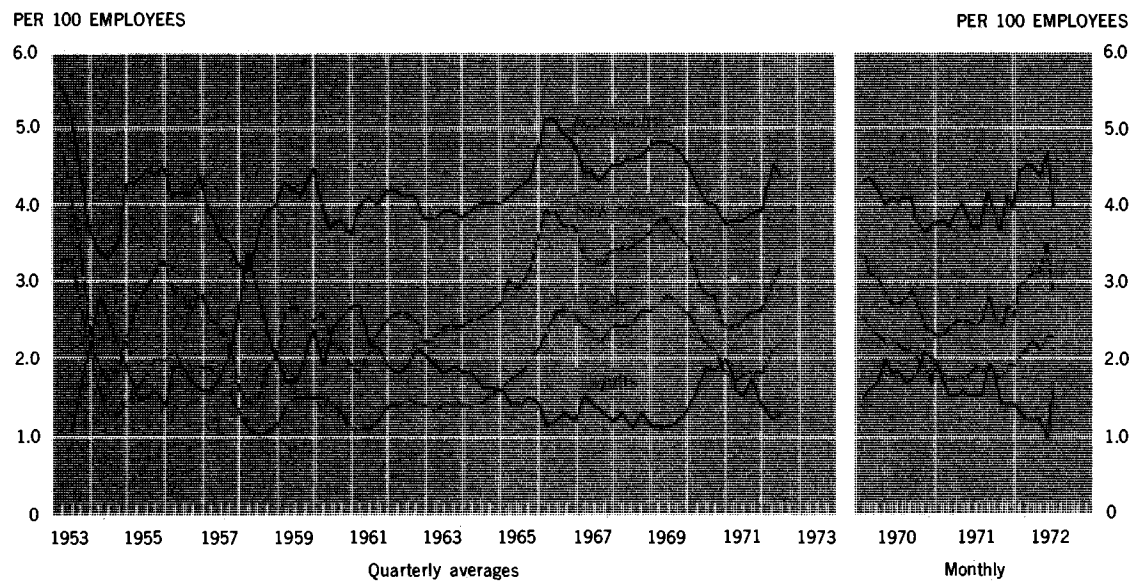
1/ Annual averages prior to 1964.

2/ Beginning in 1964, data include eating and drinking establishments, not previously available.

Note: Data for 2 most recent months are preliminary.

Source: Table C-7.

Chart 13. Labor turnover rates in manufacturing
1953 to date
(Seasonally adjusted)

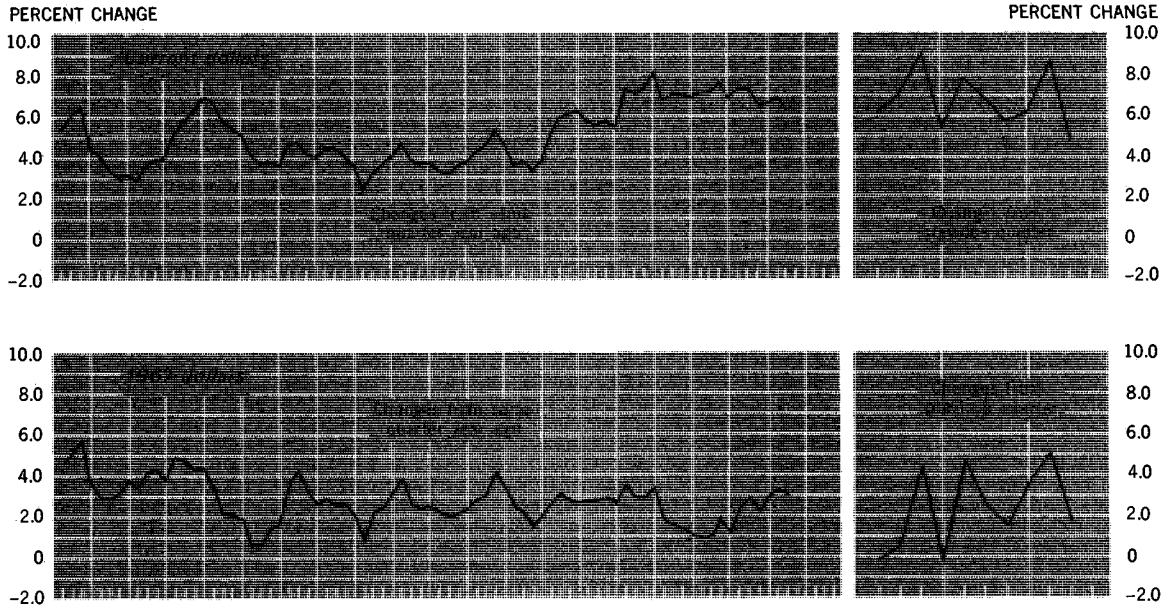


Note: Data for current month are preliminary.

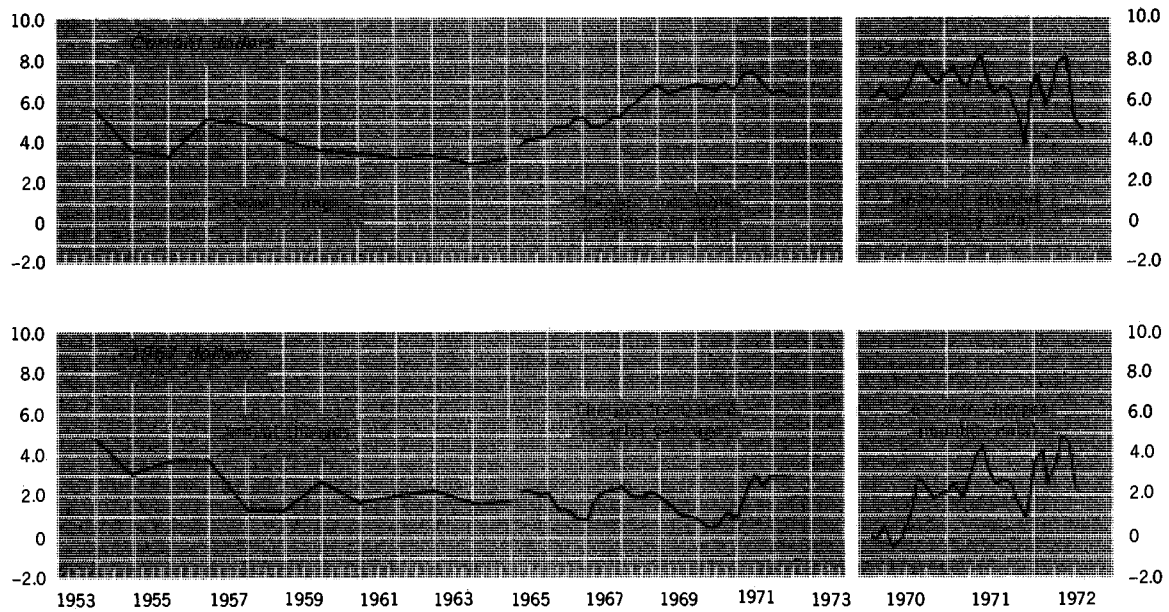
Source: Table D-3.

**Chart 14. Major compensation trend indicators
in the private nonfarm economy
1953 to date**
(*Seasonally adjusted, at annual rates*)

Hourly compensation index, all employees



Hourly earnings index, production or nonsupervisory employees



Source: Tables C-12, C-13, and C-15.

Chart 15. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date

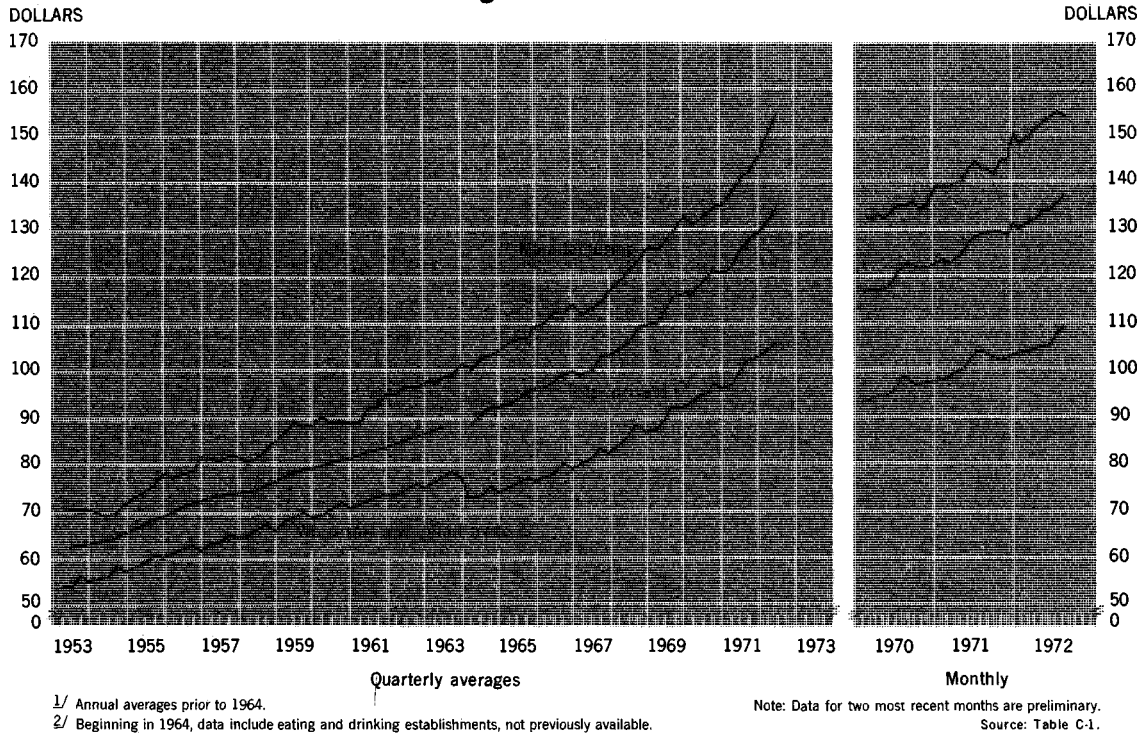


Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date

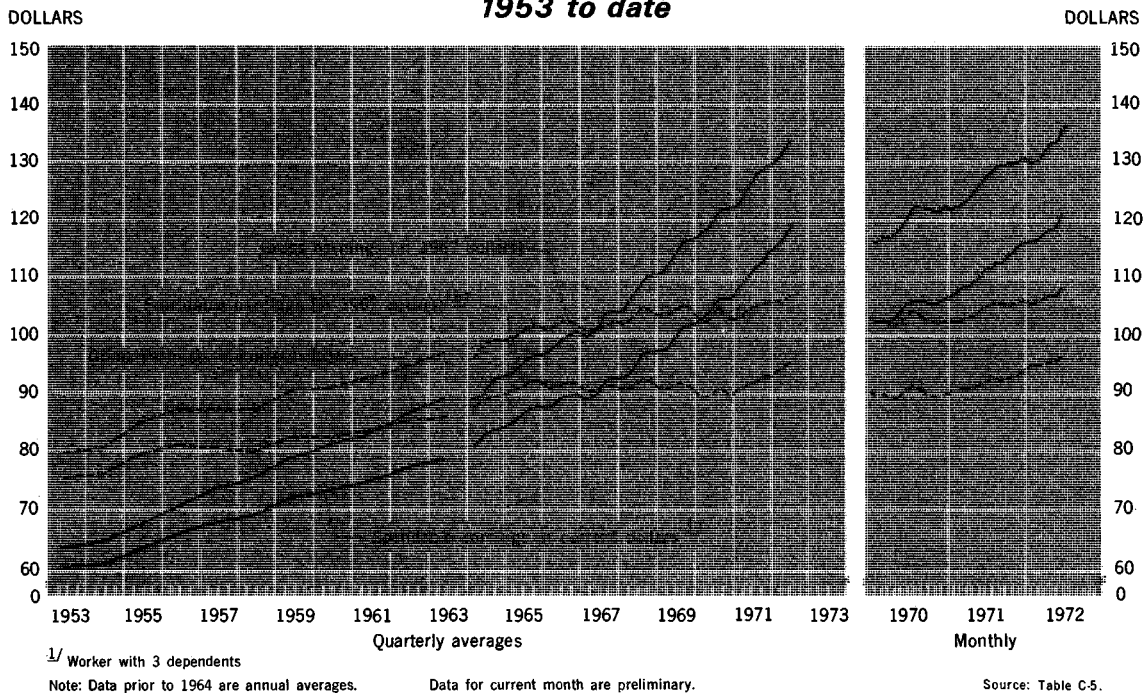
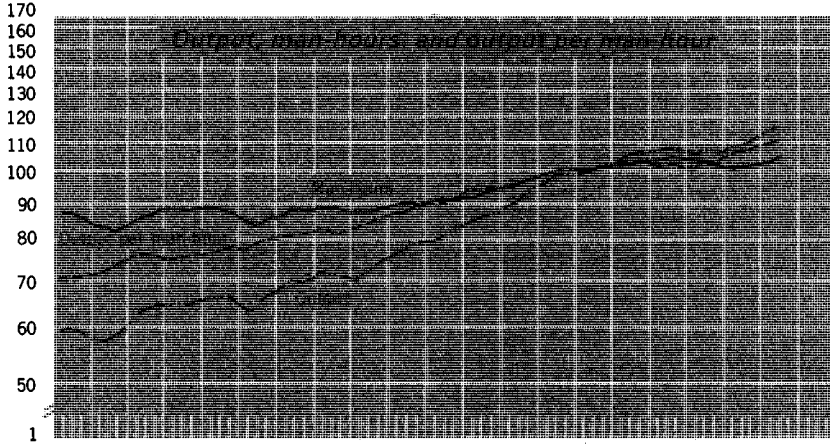


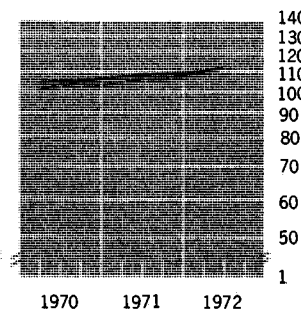
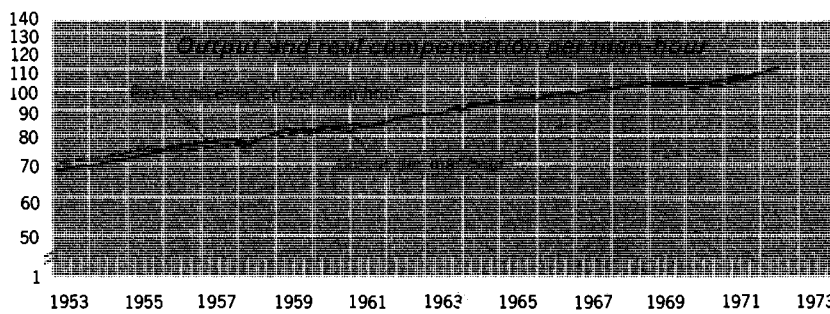
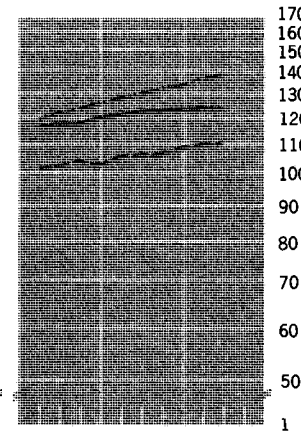
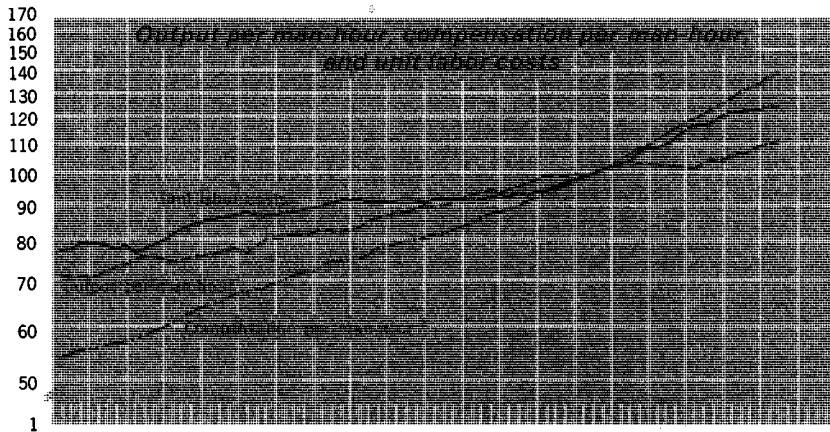
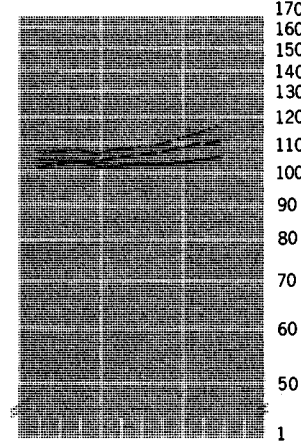
Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date

(Seasonally adjusted quarterly averages)

RATIO SCALE
INDEX (1967=100)



RATIO SCALE
INDEX (1967=100)



Source: Table C-10.

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¹ Included in February, May, August, and November issues.

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

(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		
									Not seasonally adjusted	Seasonally adjusted	
Persons 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	9,100	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	57,250	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	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	55,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	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.....	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.....	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	-	50,583
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
1971: July.....	142,685	88,808	62.2	86,011	80,681	3,971	76,710	5,330	6.2	5.8	53,877
October.....	143,321	87,352	60.9	84,635	80,065	3,470	76,595	4,570	5.4	5.8	55,968
November.....	143,517	87,715	61.1	85,019	80,204	3,262	76,942	4,815	5.7	6.0	55,802
December.....	143,723	87,541	60.9	84,883	80,188	2,948	77,240	4,695	5.5	6.1	56,181
1972: January.....	144,697	87,147	60.2	84,553	79,106	2,869	76,237	5,447	6.4	5.9	57,550
February.....	144,895	87,318	60.3	84,778	79,366	2,909	76,458	5,412	6.4	5.7	57,577
March.....	145,077	87,914	60.6	85,410	80,195	3,094	77,101	5,215	6.1	5.9	57,163
April.....	145,227	87,787	60.4	85,324	80,627	3,287	77,339	4,697	5.5	5.9	57,440
May.....	145,427	87,986	60.5	85,567	80,223	3,531	77,692	4,344	5.1	5.9	57,441
June.....	145,639	90,448	62.1	88,055	82,629	3,976	78,653	5,426	6.2	5.5	55,191
July.....	145,854	91,005	62.4	88,617	83,443	4,061	79,383	5,173	5.8	5.5	54,850

¹ Not available.

NOTE: Figures for periods prior to January 1972 are not strictly comparable with current data because of the introduction of 1970 Census data into the estimation procedures. For example, the civilian labor force and employment totals were increased by more than 300,000 as a result of the census adjustment. For an explanation of the changes and an indication of the differences, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

HOUSEHOLD DATA

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

(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		
									Not seasonally adjusted	Seasonally adjusted	
MALE											
1947	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956	55,547	47,914	86.3	45,091	43,380	5,039	38,340	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	5.3	-	8,907
1960	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	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	53,343	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
1971: July	68,549	56,730	82.8	53,973	51,066	3,171	47,894	2,908	5.4	5.2	11,820
1971: October	68,848	54,604	79.3	51,926	49,535	2,821	46,714	2,391	4.6	5.3	14,244
1971: November	68,938	54,643	79.3	51,988	49,408	2,691	46,717	2,580	5.0	5.4	14,295
1971: December	69,033	54,566	79.0	51,948	49,164	2,474	46,689	2,784	5.4	5.5	14,467
1972: January	69,369	54,473	78.5	51,918	48,678	2,423	46,255	3,240	6.2	5.3	14,896
1972: February	69,460	54,550	78.5	52,048	48,755	2,453	46,302	3,293	6.3	5.3	14,910
1972: March	69,542	54,939	79.0	52,478	49,401	2,554	46,847	3,076	5.9	5.3	14,603
1972: April	69,608	54,937	78.9	52,515	49,848	2,709	47,138	2,668	5.1	5.3	14,671
1972: May	69,700	55,044	79.0	52,666	50,276	2,821	47,455	2,390	4.5	5.3	14,656
1972: June	69,800	57,050	81.7	54,700	51,874	3,188	48,686	2,827	5.2	4.8	12,749
1972: July	69,900	57,487	82.2	55,143	52,483	3,233	49,250	2,659	4.8	4.7	12,412
FEMALE											
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	16,618	1,271	15,347	717	4.1	-	35,737
1949	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953	56,353	19,429	34.5	19,382	18,750	1,008	17,744	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	19,550	1,184	18,367	998	4.9	-	37,026
1956	58,264	21,495	36.9	21,461	20,422	1,244	19,177	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	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	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963	64,272	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	29,066	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
1971: July	74,136	32,078	43.3	32,038	29,616	800	28,816	2,422	7.6	6.9	42,058
1971: October	74,472	32,749	44.0	32,709	30,530	649	29,881	2,179	6.7	6.6	41,724
1971: November	74,579	33,072	44.3	33,031	30,796	571	30,225	2,235	6.8	7.0	41,508
1971: December	74,690	32,975	44.1	32,935	31,024	474	30,550	1,911	5.8	7.1	41,715
1972: January	75,328	32,675	43.4	32,635	30,428	446	29,982	2,207	6.8	6.9	42,653
1972: February	75,435	32,769	43.4	32,730	30,611	445	30,156	2,119	6.5	6.4	42,667
1972: March	75,535	32,975	43.7	32,933	30,794	539	30,254	2,139	6.5	6.8	42,560
1972: April	75,619	32,850	43.4	32,809	30,779	578	30,201	2,030	6.2	6.8	42,769
1972: May	75,727	32,942	43.5	32,901	30,947	710	30,238	1,954	5.9	6.8	42,785
1972: June	75,839	33,397	44.0	33,354	30,755	788	29,967	2,599	7.8	6.5	42,442
1972: July	75,955	33,517	44.1	33,474	30,960	827	30,133	2,514	7.5	6.9	42,437

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A - 3: Employment status of the noninstitutional population by sex, age, and color

July 1972
(In thousands)

Sex, age, and color	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					
MALE											
16 years and over	57,487	82.2	55,143	52,483	2,659	4.8	12,412	259	909	1,682	9,563
16 to 21 years	9,400	80.0	8,571	7,490	1,081	12.6	2,344	37	526	42	1,739
16 to 19 years	6,047	75.5	5,720	4,909	811	14.2	1,961	32	383	26	1,520
16 and 17 years	2,715	66.3	2,685	2,271	413	15.4	1,381	22	216	10	1,133
18 and 19 years	3,332	85.2	3,035	2,638	398	13.1	581	10	168	16	387
20 to 64 years	49,401	92.2	47,383	45,587	1,795	3.8	4,194	85	525	1,171	2,413
20 to 24 years	8,254	91.1	7,208	6,557	651	9.0	807	8	318	63	418
25 to 54 years	34,044	95.5	33,075	32,125	951	2.9	1,617	46	206	583	783
25 to 29 years	7,062	95.6	6,695	6,435	260	3.9	329	8	134	41	145
30 to 34 years	5,831	97.0	5,597	5,446	150	2.7	180	4	41	49	86
35 to 39 years	5,229	96.9	5,016	4,886	130	2.6	168	9	15	64	80
40 to 44 years	5,435	96.6	5,332	5,193	139	2.6	193	7	8	77	101
45 to 49 years	5,415	94.4	5,381	5,237	144	2.7	321	9	5	154	153
50 to 54 years	5,071	92.3	5,055	4,927	127	2.5	426	9	3	198	216
55 to 64 years	7,102	80.1	7,099	6,905	194	2.7	1,770	31	1	525	1,212
55 to 59 years	4,172	87.4	4,170	4,054	115	2.8	600	15	1	235	348
60 to 64 years	2,930	71.5	2,930	2,851	78	2.7	1,170	16	--	290	864
65 years and over	2,039	24.6	2,039	1,986	53	2.6	6,257	142	1	485	5,630
65 to 69 years	1,170	37.0	1,170	1,137	33	2.8	1,990	37	--	150	1,803
70 years and over	869	16.9	869	849	20	2.3	4,268	105	1	335	3,826
White											
16 years and over	51,567	82.7	49,511	47,417	2,095	4.2	10,793	219	726	1,342	8,506
16 to 21 years	8,246	81.2	7,524	6,698	826	11.0	1,912	28	392	38	1,454
16 to 19 years	5,306	76.9	5,021	4,387	634	12.6	1,596	23	277	23	1,273
16 and 17 years	2,376	67.5	2,348	2,021	327	13.9	1,143	15	163	10	956
18 and 19 years	2,930	86.6	2,673	2,366	306	11.5	453	9	114	13	317
20 to 64 years	44,398	92.6	42,628	41,218	1,411	3.3	3,529	70	448	923	2,087
20 to 24 years	7,277	91.6	6,354	5,859	496	7.8	668	4	274	48	341
25 to 54 years	30,613	95.9	29,768	29,016	752	2.5	1,299	38	173	446	642
25 to 34 years	11,540	96.5	11,016	10,703	313	2.8	417	7	149	72	189
35 to 44 years	9,547	97.2	9,271	9,057	214	2.3	274	17	17	100	141
45 to 54 years	9,526	94.0	9,480	9,256	224	2.4	608	15	6	275	312
55 to 64 years	6,509	80.6	6,506	6,342	163	2.5	1,562	28	1	428	1,104
55 to 59 years	3,818	87.8	3,816	3,720	96	2.5	531	15	1	193	322
60 to 64 years	2,690	72.3	2,690	2,623	67	2.5	1,031	13	--	236	782
65 years and over	1,862	24.7	1,862	1,813	50	2.7	5,668	125	1	396	5,146
Negro and other races											
16 years and over	5,920	78.5	5,631	5,067	564	10.0	1,620	39	183	340	1,057
16 to 21 years	1,154	72.8	1,047	793	254	24.3	432	9	134	4	285
16 to 19 years	741	67.0	699	522	177	25.3	365	8	106	3	247
16 and 17 years	339	58.8	336	251	86	25.5	238	7	53	--	177
18 and 19 years	402	75.9	363	272	91	25.1	128	1	53	3	70
20 to 64 years	5,002	88.3	4,755	4,371	384	8.1	665	14	77	248	326
20 to 24 years	977	87.5	854	699	155	18.2	139	4	44	15	77
25 to 54 years	3,431	91.5	3,307	3,109	199	6.0	318	8	33	136	140
25 to 34 years	1,354	93.6	1,275	1,178	97	7.6	92	5	26	19	43
35 to 44 years	1,118	92.8	1,077	1,022	55	5.1	86	--	7	40	40
45 to 54 years	960	87.3	956	909	47	4.9	139	4	1	77	57
55 to 64 years	594	74.1	594	563	30	5.1	208	3	--	97	108
55 to 59 years	354	83.6	354	334	19	5.5	69	--	--	43	27
60 to 64 years	240	63.4	240	229	11	4.6	139	2	--	54	82
65 years and over	177	23.1	177	174	3	1.8	589	16	--	89	484

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
July 1972
(In thousands)

Sex, age, and color	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					
FEMALE											
16 years and over	33,517	44.1	33,474	30,960	2,514	7.5	42,437	36,430	1,001	911	4,095
16 to 21 years	6,836	59.5	6,816	5,722	1,093	16.0	4,655	2,122	724	29	1,781
16 to 19 years	4,466	57.3	4,457	3,644	813	18.2	3,324	1,148	535	19	1,622
16 and 17 years	1,936	48.7	1,936	1,516	420	21.7	2,038	471	301	10	1,255
18 and 19 years	2,530	66.3	2,521	2,128	393	15.6	1,286	677	234	9	366
20 to 64 years	27,985	49.5	27,951	26,298	1,654	5.9	28,556	26,285	464	339	1,469
20 to 24 years	5,448	60.4	5,426	4,860	567	10.4	3,568	2,965	295	19	289
25 to 54 years	18,389	49.0	18,377	17,445	933	5.1	19,106	17,917	155	174	860
25 to 29 years	3,567	47.3	3,561	3,292	269	7.6	3,974	3,717	70	17	169
30 to 34 years	2,707	43.6	2,704	2,554	150	5.5	3,500	3,300	36	13	150
35 to 39 years	2,691	47.6	2,689	2,532	157	5.8	2,957	2,774	25	21	138
40 to 44 years	3,047	51.3	3,046	2,905	141	4.6	2,888	2,717	13	29	129
45 to 49 years	3,267	52.8	3,266	3,144	122	3.7	2,922	2,749	6	40	127
50 to 54 years	3,112	52.1	3,111	3,018	94	3.0	2,865	2,659	5	53	147
55 to 64 years	4,148	41.4	4,148	3,994	154	3.7	5,882	5,403	13	146	319
55 to 59 years	2,531	47.9	2,531	2,430	100	4.0	2,757	2,569	9	69	110
60 to 64 years	1,617	34.1	1,617	1,563	54	3.3	3,125	2,834	5	77	210
65 years and over	1,067	9.2	1,067	1,018	48	4.5	10,558	8,997	3	553	1,005
65 to 69 years	675	17.2	675	638	37	5.5	3,255	2,907	2	101	245
70 years and over	392	5.1	392	381	11	2.8	7,303	6,090	1	453	760
White											
16 years and over	29,127	43.3	29,089	27,131	1,958	6.7	38,085	32,947	807	699	3,632
16 to 21 years	5,984	60.7	5,967	5,159	807	13.5	3,876	1,754	578	19	1,525
16 to 19 years	3,924	58.9	3,917	3,313	603	15.4	2,742	923	415	13	1,392
16 and 17 years	1,717	50.7	1,717	1,381	336	19.6	1,673	363	224	7	1,079
18 and 19 years	2,207	67.4	2,199	1,932	267	12.2	1,069	560	191	6	313
20 to 64 years	24,249	48.6	24,218	22,910	1,308	5.4	25,656	23,716	392	243	1,306
20 to 24 years	4,735	60.6	4,716	4,276	440	9.3	3,074	2,574	244	12	245
25 to 54 years	15,773	47.8	15,761	15,024	737	4.7	17,229	16,201	136	119	773
25 to 34 years	5,244	43.6	5,237	4,927	310	5.9	6,779	6,364	97	24	295
35 to 44 years	4,855	48.0	4,852	4,617	235	4.8	5,253	4,949	31	38	235
45 to 54 years	5,674	52.2	5,673	5,481	192	3.4	5,197	4,888	9	57	243
55 to 64 years	3,741	41.1	3,741	3,611	130	3.5	5,353	4,941	12	112	288
55 to 59 years	2,292	47.8	2,292	2,212	80	3.5	2,501	2,345	8	47	101
60 to 64 years	1,449	33.7	1,449	1,398	51	3.5	2,852	2,596	4	65	187
65 years and over	954	9.0	954	907	47	4.9	9,687	8,307	1	444	934
Negro and other races											
16 years and over	4,391	50.2	4,386	3,829	556	12.7	4,352	3,483	194	211	464
16 to 21 years	852	52.2	849	563	286	33.7	779	368	146	10	256
16 to 19 years	541	48.2	540	330	210	38.8	582	225	120	6	230
16 and 17 years	219	37.5	219	135	84	38.3	365	108	77	3	176
18 and 19 years	323	59.8	322	196	126	39.1	217	117	43	3	54
20 to 64 years	3,737	56.3	3,733	3,388	346	9.3	2,899	2,569	72	96	163
20 to 24 years	713	59.1	710	584	127	17.8	493	391	52	7	44
25 to 54 years	2,617	58.2	2,616	2,421	195	7.5	1,877	1,716	19	55	88
25 to 34 years	1,030	59.7	1,029	920	109	10.6	695	654	10	6	25
35 to 44 years	883	59.9	883	820	63	7.1	592	542	7	12	31
45 to 54 years	704	54.4	704	681	23	3.3	590	520	2	36	32
55 to 64 years	407	43.5	407	383	24	5.8	529	462	1	35	31
55 to 59 years	239	48.3	239	218	21	8.6	256	224	1	22	8
60 to 64 years	168	38.1	168	165	3	1.9	273	238	--	12	23
65 years and over	112	11.4	112	111	1	.9	871	689	1	109	71

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A - 4: Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
MALE								
16 years and over	57,487	56,730	82.2	82.8	55,143	53,973	81.6	82.0
16 to 19 years	6,047	5,917	75.5	76.3	5,720	5,580	74.5	75.3
16 and 17 years	2,715	2,702	66.3	67.9	2,685	2,672	66.0	67.7
18 and 19 years	3,332	3,215	85.2	85.2	3,035	2,908	83.9	83.9
20 to 24 years	8,254	8,052	91.1	90.1	7,208	6,668	89.9	88.2
25 to 34 years	34,044	33,504	95.5	95.8	33,075	32,471	95.3	95.7
25 to 34 years	12,894	12,322	96.2	96.8	12,292	11,703	96.0	96.7
35 to 44 years	10,665	10,683	96.7	96.8	10,348	10,328	96.6	96.7
45 to 54 years	10,486	10,499	93.3	93.7	10,436	10,439	93.3	93.7
55 to 64 years	7,102	7,147	80.1	82.1	7,099	7,143	80.0	82.1
55 to 59 years	4,172	4,245	87.4	89.1	4,170	4,242	87.4	89.1
60 to 64 years	2,930	2,901	71.5	73.7	2,930	2,901	71.5	73.7
65 years and over	2,039	2,111	24.6	25.8	2,039	2,111	24.6	25.8
White								
16 years and over	51,567	50,943	82.7	83.2	49,511	48,498	82.1	82.5
16 to 19 years	5,306	5,216	76.9	77.7	5,021	4,917	75.9	76.7
16 and 17 years	2,376	2,381	67.5	69.3	2,348	2,355	67.3	69.1
18 and 19 years	2,930	2,835	86.6	86.5	2,673	2,562	85.5	85.2
20 to 24 years	7,277	7,096	91.6	90.5	6,354	5,858	90.5	88.8
25 to 34 years	30,613	30,130	95.9	96.3	29,768	29,226	95.8	96.2
25 to 34 years	11,540	10,969	96.5	97.2	11,016	10,428	96.4	97.0
35 to 44 years	9,547	9,577	97.2	97.0	9,271	9,270	97.1	97.0
45 to 54 years	9,526	9,584	94.0	94.6	9,480	9,528	94.0	94.6
55 to 64 years	6,509	6,550	80.6	82.6	6,506	6,546	80.6	82.6
55 to 59 years	3,818	3,872	87.8	89.4	3,816	3,869	87.8	89.4
60 to 64 years	2,690	2,678	72.3	74.5	2,690	2,678	72.3	74.5
65 years and over	1,862	1,951	24.7	26.0	1,862	1,951	24.7	26.0
Negro and other races								
16 years and over	5,920	5,786	78.5	79.4	5,631	5,475	77.7	78.5
16 to 19 years	741	700	67.0	67.4	699	663	65.7	66.2
16 and 17 years	339	320	58.8	59.0	336	317	58.6	58.8
18 and 19 years	402	380	75.9	76.7	363	345	74.0	74.9
20 to 24 years	977	955	87.5	86.7	854	810	86.0	84.7
25 to 34 years	3,431	3,373	91.5	91.7	3,307	3,246	91.2	91.5
25 to 34 years	1,354	1,353	93.6	94.3	1,275	1,276	93.3	94.0
35 to 44 years	1,118	1,105	92.8	94.4	1,077	1,059	92.6	94.2
45 to 54 years	960	916	87.3	85.4	956	911	87.3	85.4
55 to 64 years	594	597	74.1	76.9	594	597	74.1	76.8
55 to 59 years	354	374	83.6	86.0	354	373	83.6	86.0
60 to 64 years	240	223	63.4	65.3	240	223	63.4	65.3
65 years and over	177	160	23.1	23.0	177	160	23.1	23.0

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 4: Labor force by sex, age, and color--Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
FEMALE								
16 years and over	33,517	32,078	44.1	43.3	33,474	32,038	44.1	43.2
16 to 19 years	4,466	4,195	57.3	55.2	4,457	4,186	57.3	55.2
16 and 17 years	1,936	1,799	48.7	46.3	1,936	1,799	48.7	46.3
18 and 19 years	2,530	2,396	66.3	64.6	2,521	2,387	66.2	64.5
20 to 24 years	5,448	5,227	60.4	58.9	5,426	5,207	60.3	58.8
25 to 34 years	18,389	17,625	49.0	48.1	18,377	17,613	49.0	48.0
25 to 34 years	6,273	5,555	45.6	42.7	6,266	5,548	45.6	42.7
35 to 44 years	5,738	5,688	49.5	49.3	5,735	5,685	49.5	49.3
45 to 54 years	6,378	6,381	52.4	52.7	6,377	6,380	52.4	52.7
55 to 64 years	4,148	3,996	41.4	40.6	4,148	3,996	41.4	40.6
55 to 59 years	2,531	2,441	47.9	46.2	2,531	2,441	47.9	46.2
60 to 64 years	1,617	1,554	34.1	34.2	1,617	1,554	34.1	34.2
65 years and over	1,067	1,036	9.2	9.3	1,067	1,036	9.2	9.3
White								
16 years and over	29,127	27,764	43.3	42.2	29,089	27,728	43.3	42.2
16 to 19 years	3,924	3,673	58.9	56.3	3,917	3,665	58.8	56.2
16 and 17 years	1,717	1,571	50.7	47.1	1,717	1,571	50.7	47.1
18 and 19 years	2,207	2,102	67.4	65.8	2,199	2,094	67.3	65.7
20 to 24 years	4,735	4,530	60.6	58.8	4,716	4,512	60.5	58.7
25 to 34 years	15,773	15,062	47.8	46.6	15,761	15,051	47.8	46.6
25 to 34 years	5,244	4,619	43.6	40.6	5,237	4,613	43.6	40.6
35 to 44 years	4,855	4,824	48.0	47.7	4,852	4,821	48.0	47.7
45 to 54 years	5,674	5,619	52.2	51.8	5,673	5,618	52.2	51.8
55 to 64 years	3,741	3,560	41.1	39.9	3,741	3,560	41.1	39.9
55 to 59 years	2,292	2,173	47.8	45.6	2,292	2,173	47.8	45.6
60 to 64 years	1,449	1,387	33.7	33.4	1,449	1,387	33.7	33.4
65 years and over	954	939	9.0	9.1	954	939	9.0	9.1
Negro and other races								
16 years and over	4,391	4,315	50.2	51.6	4,386	4,310	50.2	51.6
16 to 19 years	541	522	48.2	48.8	540	521	48.1	48.8
16 and 17 years	219	228	37.5	41.0	219	228	37.5	41.0
18 and 19 years	323	294	59.8	57.3	322	293	59.7	57.2
20 to 24 years	713	697	59.1	59.7	710	695	59.0	59.6
25 to 34 years	2,617	2,562	58.2	59.2	2,616	2,561	58.2	59.2
25 to 34 years	1,030	936	59.7	57.5	1,029	936	59.7	57.5
35 to 44 years	883	864	59.9	60.6	883	864	59.8	60.6
45 to 54 years	704	762	54.4	59.9	704	762	54.4	59.9
55 to 64 years	407	436	43.5	47.8	407	436	43.5	47.8
55 to 59 years	239	268	48.3	52.4	239	268	48.3	52.4
60 to 64 years	168	168	38.1	41.8	168	168	38.1	41.8
65 years and over	112	97	11.4	11.0	112	97	11.4	11.0

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
July 1972
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	23,235	11,744	11,491	20,017	10,158	9,860	3,218	1,586	1,631
Total labor force	16,236	9,400	6,836	14,230	8,246	5,984	2,006	1,154	852
Percent of population	69.9	80.0	59.5	71.1	81.2	60.7	62.4	72.8	52.2
Civilian labor force	15,387	8,571	6,816	13,490	7,524	5,967	1,896	1,047	84.9
Employed	13,213	7,490	5,722	11,857	6,698	5,159	1,356	793	563
Agriculture	870	712	159	762	632	131	108	80	28
Nonagricultural industries	12,343	6,779	5,564	11,094	6,066	5,028	1,248	713	535
Unemployed	2,174	1,081	1,093	1,634	826	807	540	254	286
Percent of labor force	14.1	12.6	16.0	12.1	11.0	13.5	28.5	24.3	33.7
Looking for full-time work	1,674	851	822	1,239	645	595	434	207	227
Looking for part-time work	501	229	271	395	182	213	106	47	59
Not in labor force	6,999	2,344	4,655	5,788	1,912	3,876	1,211	432	779
Major activity: going to school									
Civilian labor force	305	141	164	272	127	145	34	14	19
Employed	214	100	114	196	90	106	18	10	8
Agriculture	3	1	2	2	--	2	--	1	--
Nonagricultural industries	211	99	113	194	89	104	18	9	8
Unemployed	92	41	50	76	37	39	16	4	12
Percent of labor force	30.0	29.2	30.6	27.8	29.2	26.6	47.4	29.5	60.4
Looking for full-time work	32	8	24	24	9	15	8	--	8
Looking for part-time work	60	33	27	51	28	23	8	5	3
Not in labor force	1,250	526	724	970	392	578	280	134	146
Major activity: other									
Civilian labor force	15,081	8,430	6,651	13,219	7,397	5,822	1,863	1,033	830
Employed	12,999	7,391	5,608	11,660	6,608	5,053	1,338	783	556
Agriculture	868	711	157	760	631	129	108	79	28
Nonagricultural industries	12,131	6,680	5,451	10,900	5,977	4,924	1,231	704	527
Unemployed	2,083	1,040	1,043	1,558	789	769	524	250	274
Percent of labor force	13.8	12.3	15.7	11.8	10.7	13.2	28.1	24.2	33.0
Looking for full-time work	1,642	843	799	1,215	635	580	427	208	219
Looking for part-time work	441	197	244	343	154	189	98	43	55
Not in labor force	5,749	1,817	3,932	4,818	1,519	3,298	932	298	634

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color
(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
	Total							
Total noninstitutional population	145,854	142,685	61,891	60,798	68,165	66,539	15,798	15,349
Total labor force	91,005	88,808	51,440	50,813	29,052	27,883	10,513	10,112
Percent of population	62.4	62.2	83.1	83.6	42.6	41.9	66.5	65.9
Civilian labor force	88,617	86,011	49,422	48,393	29,018	27,852	10,177	9,766
Employed	83,443	80,681	47,574	46,410	27,317	26,232	8,553	8,039
Agriculture	4,061	3,971	2,660	2,633	703	669	698	669
Nonagricultural industries	79,383	76,710	44,914	43,777	26,614	25,563	7,855	7,370
Unemployed	5,173	5,330	1,848	1,983	1,701	1,620	1,624	1,727
Percent of labor force	5.8	6.2	3.7	4.1	5.9	5.8	16.0	17.7
Not in labor force	54,850	53,877	10,451	9,985	39,113	38,656	5,285	5,237
White								
Total noninstitutional population	129,572	127,039	55,458	54,546	60,545	59,252	13,568	13,241
Total labor force	80,694	78,707	46,261	45,727	25,202	24,091	9,230	8,889
Percent of population	62.3	62.0	83.4	83.8	41.6	40.7	68.0	67.1
Civilian labor force	78,600	76,226	44,491	43,581	25,172	24,063	8,937	8,582
Employed	74,548	72,002	43,030	41,947	23,818	22,811	7,700	7,243
Agriculture	3,643	3,555	2,391	2,384	630	589	621	582
Nonagricultural industries	70,905	68,446	40,639	39,564	23,188	22,222	7,079	6,661
Unemployed	4,053	4,224	1,461	1,634	1,355	1,252	1,237	1,339
Percent of labor force	5.2	5.5	3.3	3.7	5.4	5.2	13.8	15.6
Not in labor force	48,878	48,332	9,197	8,819	35,343	35,161	4,338	4,352
Negro and other races								
Total noninstitutional population	16,283	15,646	6,433	6,251	7,620	7,287	2,230	2,108
Total labor force	10,311	10,101	5,179	5,086	3,850	3,793	1,283	1,223
Percent of population	63.3	64.6	80.5	81.4	50.5	52.0	57.5	58.0
Civilian labor force	10,017	9,785	4,932	4,812	3,845	3,789	1,239	1,184
Employed	8,896	8,680	4,545	4,463	3,499	3,421	853	796
Agriculture	418	416	269	250	73	80	77	86
Nonagricultural industries	8,478	8,264	4,276	4,213	3,426	3,342	776	709
Unemployed	1,121	1,106	387	350	347	368	387	388
Percent of labor force	11.2	11.3	7.9	7.3	9.0	9.7	31.2	32.8
Not in labor force	5,972	5,545	1,254	1,165	3,770	3,494	947	885

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-7: Full- and part-time status of the civilian labor force by age and sex

July 1972
(In thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	78,270	70,462	3,493	4,315	5.5	10,347	9,488	859	8.3
16 to 21 years	12,276	8,964	1,638	1,674	13.6	3,111	2,611	501	16.1
16 to 19 years	7,649	5,113	1,366	1,170	15.3	2,528	2,074	454	18.0
16 and 17 years	2,955	1,659	806	491	16.6	1,665	1,323	342	20.6
18 and 19 years	4,694	3,454	560	679	14.5	863	751	111	12.9
20 years and over	70,621	65,349	2,127	3,145	4.5	7,819	7,414	405	5.2
20 to 24 years	11,428	9,780	550	1,097	9.6	1,207	1,087	120	10.0
25 years and over	59,193	55,569	1,577	2,048	3.5	6,612	6,327	285	4.3
25 to 54 years	47,248	44,364	1,184	1,700	3.6	4,205	4,022	183	4.4
55 years and over	11,945	11,205	393	347	2.9	2,407	2,306	101	4.2
MALE									
16 years and over	51,759	47,619	1,827	2,313	4.5	3,384	3,037	346	10.2
16 to 21 years	7,125	5,333	941	851	12.0	1,446	1,217	229	15.9
16 to 19 years	4,509	3,116	792	601	13.3	1,211	1,001	210	17.4
20 years and over	47,250	44,503	1,035	1,712	3.6	2,173	2,037	136	6.3
20 to 24 years	6,733	5,855	295	584	8.7	475	408	67	14.1
25 years and over	40,517	38,648	740	1,128	2.8	1,698	1,629	69	4.1
25 to 54 years	32,462	31,000	543	919	2.8	613	582	32	5.2
55 years and over	8,054	7,648	197	209	2.6	1,085	1,046	38	3.5
FEMALE									
16 years and over	26,511	22,843	1,666	2,002	7.6	6,964	6,451	512	7.4
16 to 21 years	5,151	3,632	697	822	16.0	1,665	1,394	271	16.3
16 to 19 years	3,139	1,996	574	569	18.1	1,317	1,074	244	18.5
20 years and over	23,371	20,846	1,092	1,432	6.1	5,646	5,378	269	4.8
20 to 24 years	4,694	3,925	256	513	10.9	732	679	53	7.3
25 years and over	18,677	16,921	836	919	4.9	4,914	4,699	216	4.4
25 to 54 years	14,786	13,363	641	780	5.3	3,592	3,440	152	4.2
55 years and over	3,892	3,557	195	139	3.6	1,323	1,259	64	4.8

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Total, 16 years and over	2,659	2,908	4.8	5.4	2,514	2,422	7.5	7.6
16 to 19 years	811	924	14.2	16.6	813	803	18.2	19.2
16 and 17 years	413	515	15.4	19.3	420	378	21.7	21.0
18 and 19 years	398	409	13.1	14.1	393	424	15.6	17.8
20 years and over	1,848	1,983	3.7	4.1	1,701	1,620	5.9	5.8
20 to 24 years	651	643	9.0	9.6	567	507	10.4	9.7
25 years and over	1,198	1,341	2.8	3.2	1,135	1,112	4.8	4.9
25 to 34 years	410	509	3.3	4.3	419	375	6.7	6.8
35 to 44 years	269	301	2.6	2.9	298	302	5.2	5.3
45 to 54 years	271	282	2.6	2.7	215	275	3.4	4.3
55 to 64 years	194	191	2.7	2.7	154	133	3.7	3.3
55 to 59 years	115	103	2.8	2.4	100	92	4.0	3.8
60 to 64 years	78	88	2.7	3.0	54	42	3.3	2.7
65 years and over	53	58	2.6	2.7	48	28	4.5	2.7
Household head, 16 years and over	1,194	1,343	2.8	3.1	406	379	5.7	5.7
16 to 24 years	214	231	5.5	6.4	87	58	10.7	7.9
25 to 54 years	747	873	2.4	2.9	221	243	5.5	6.4
55 years and over	232	239	2.6	2.7	98	77	4.4	3.6

A- 9: Unemployed persons by marital status, sex, age, and color

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Total, 16 years and over	2,659	2,908	4.8	5.4	2,514	2,422	7.5	7.6
Married, spouse present	979	1,110	2.5	2.8	1,067	1,002	5.8	5.6
Widowed, divorced, or separated	235	227	7.6	7.8	402	404	6.5	6.9
Single (never married)	1,445	1,571	11.6	13.4	1,045	1,016	11.7	12.1
Total, 20 to 64 years of age	1,795	1,925	3.8	4.2	1,653	1,592	5.9	5.9
Married, spouse present	909	1,038	2.4	2.8	969	915	5.5	5.4
Widowed, divorced, or separated	221	214	7.9	8.1	343	375	6.3	7.2
Single (never married)	665	673	9.6	10.6	341	302	7.1	6.7
White, 16 years and over	2,095	2,364	4.2	4.9	1,958	1,861	6.7	6.7
Married, spouse present	815	945	2.3	2.6	905	842	5.5	5.3
Widowed, divorced, or separated	172	176	7.0	7.6	308	274	6.2	5.8
Single (never married)	1,108	1,243	10.2	12.2	745	745	9.7	10.3
White, 20 to 64 years of age	1,411	1,581	3.3	3.8	1,308	1,230	5.4	5.3
Married, spouse present	758	878	2.2	2.6	813	766	5.1	5.0
Widowed, divorced, or separated	160	164	7.2	7.9	259	252	5.9	6.2
Single (never married)	493	538	8.2	9.8	235	212	5.8	5.6
Negro and other races, 16 years and over	564	544	10.0	9.9	556	561	12.7	13.0
Married, spouse present	165	165	4.8	4.9	162	161	8.3	8.4
Widowed, divorced, or separated	63	52	10.1	8.7	94	130	8.0	10.7
Single (never married)	337	328	21.4	21.9	300	271	24.0	22.9
Negro and other races, 20 to 64 years of age	384	345	8.1	7.4	346	362	9.3	9.8
Married, spouse present	151	160	4.6	4.9	157	150	8.2	8.1
Widowed, divorced, or separated	61	50	10.7	9.0	84	122	7.7	10.7
Single (never married)	172	135	19.4	15.8	106	89	14.3	12.7

A-10: Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
TOTAL	5,173	5,330	5.8	6.2	4.8	5.4	7.5	7.6
White-collar workers	1,418	1,450	3.5	3.7	2.3	2.8	4.8	4.7
Professional and technical	335	365	3.0	3.4	2.5	2.9	3.8	4.1
Managers and administrators, except farm	150	141	1.8	1.6	1.5	1.5	3.0	2.0
Sales workers	240	244	4.3	4.6	2.9	3.7	6.1	5.8
Clerical workers	693	701	4.6	4.9	2.9	4.4	5.1	5.1
Blue-collar workers	1,904	2,049	6.0	6.7	5.4	5.9	9.2	10.9
Craftsmen and kindred workers	385	445	3.4	4.0	3.3	3.9	5.3	6.9
Carpenters and other construction craftsmen	181	(2)	4.8	(2)	4.8	(2)	(1)	(2)
All other	204	(2)	2.7	(2)	2.5	(2)	5.4	(2)
Operatives, except transport	943	(2)	8.3	(2)	7.2	(2)	10.0	(2)
Transport equipment operatives	122	(2)	3.7	(2)	3.7	(2)	3.7	(2)
Nonfarm laborers	453	426	8.2	8.2	8.4	8.4	5.0	6.4
Construction laborers	155	121	12.4	10.5	12.4	10.3	11.0	(1)
All other	298	305	7.0	7.6	7.2	7.8	4.9	5.5
Service workers	815	774	6.8	6.7	6.3	6.4	7.1	6.8
Private household	57	88	3.9	6.0	8.1	(1)	3.8	6.0
All other	758	685	7.2	6.8	6.3	6.4	7.9	7.1
Farmers and farm laborers	75	90	2.1	2.5	2.0	2.2	2.2	3.4
No previous work experience	962	967	--	--	--	--	--	--
16 to 19 years	815	811	--	--	--	--	--	--
20 to 24 years	87	117	--	--	--	--	--	--
25 years and over	60	38	--	--	--	--	--	--

¹ Percent not shown where base is less than 100,000.

² Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

A-11: Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Total	100.0	100.0	5.8	6.2	4.8	5.4	7.5	7.6
Nonagricultural private wage and salary workers	70.0	70.4	5.6	6.0	4.9	5.5	6.8	7.0
Mining .....	.4	.5	3.3	4.3	2.8	4.4	(1)	(1)
Construction	6.8	5.7	7.6	6.8	7.9	7.0	2.3	4.2
Manufacturing	23.3	26.2	5.8	6.8	4.7	5.7	8.4	9.4
Durable goods	13.8	15.7	5.9	7.0	5.3	6.3	8.6	9.5
Primary metal industries	1.2	1.3	4.5	5.4	4.2	5.2	7.3	7.2
Fabricated metal products	1.6	1.4	5.9	5.1	4.8	3.9	10.9	11.0
Machinery	1.7	2.6	4.3	6.9	3.8	6.3	7.7	9.9
Electrical equipment	2.1	2.3	5.4	6.3	4.1	5.1	7.7	8.2
Motor vehicles and equipment	2.3	1.8	10.6	8.8	11.0	9.3	7.2	4.7
All other transportation equipment	1.2	2.3	6.5	11.0	5.5	10.4	12.6	15.0
Other durable goods industries	3.7	4.1	6.1	7.0	5.1	6.0	8.7	10.4
Nondurable goods	9.5	10.5	5.6	6.5	3.8	4.6	8.2	9.4
Food and kindred products	2.9	2.3	7.8	6.8	5.0	4.6	14.6	13.3
Textile mill products .....	.7	1.4	3.7	7.1	2.0	5.6	5.7	8.8
Apparel and other finished textile products	1.7	2.4	5.9	8.7	1.9	6.7	7.0	9.2
Other nondurable goods industries	4.2	4.4	4.9	5.4	3.8	4.3	7.5	8.4
Transportation and public utilities	3.3	2.7	3.5	3.0	2.9	2.7	5.5	4.2
Railroads and railway express .....	.2	.4	1.6	2.7	1.5	2.5	2.1	(1)
Other transportation	1.9	1.4	4.3	3.6	4.0	3.9	6.0	1.7
Communication and other public utilities	1.3	1.0	3.3	2.6	2.1	1.1	5.6	5.4
Wholesale and retail trade	20.3	18.4	6.6	6.5	5.1	5.5	8.5	7.8
Finance, insurance, and real estate	2.7	2.7	3.2	3.6	2.9	2.7	3.6	4.4
Service industries	13.2	14.2	5.2	5.9	4.9	6.3	5.4	5.7
Professional services	5.1	4.7	4.0	4.0	3.0	4.3	4.5	3.9
All other service industries	8.1	9.5	6.4	7.7	6.2	7.7	6.5	7.8
Agricultural wage and salary workers	1.7	2.0	5.3	6.9	5.1	6.6	5.9	8.3
All other classes of workers	9.7	9.5	2.3	2.4	1.8	1.7	3.2	3.6
No previous work experience	18.6	18.1	--	--	--	--	--	--

¹ Percent not shown where base is less than 100,000.

A-12: Unemployed persons by reason for unemployment, sex, age, and color

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Unemployment level												
Total unemployed, in thousands	5,173	5,330	1,848	1,983	1,701	1,620	1,624	1,727	4,053	4,224	1,121	1,106
Lost last job	2,022	2,202	1,108	1,259	670	697	244	246	1,614	1,807	408	396
Left last job	663	548	220	216	294	203	149	129	554	447	109	100
Reentered labor force	1,532	1,615	464	429	646	643	422	542	1,157	1,230	376	385
Never worked before	956	965	56	79	91	76	808	810	727	741	229	224
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
Lost last job	39.1	41.3	60.0	63.5	39.4	43.1	15.0	14.2	39.8	42.8	36.4	35.8
Left last job	12.8	10.3	11.9	10.9	17.3	12.5	9.2	7.5	13.7	10.6	9.7	9.0
Reentered labor force	29.6	30.3	25.1	21.6	38.0	39.7	26.0	31.4	28.5	29.1	33.5	34.8
Never worked before	18.5	18.1	3.1	4.0	5.4	4.7	49.8	46.9	17.9	17.5	20.4	20.3
Unemployment rate												
Total unemployment rate	5.8	6.2	3.7	4.1	5.9	5.8	16.0	17.7	5.2	5.5	11.2	11.3
Job-loser rate ¹	2.3	2.6	2.2	2.6	2.4	2.5	2.4	2.5	2.0	2.4	4.1	4.0
Job-leaver rate ¹ . . . . .	.7	.6	.4	.4	1.0	.7	1.5	1.3	.7	.6	1.1	1.0
Reentrant rate ¹	1.7	1.9	.9	.9	2.2	2.3	4.1	5.5	1.5	1.6	3.7	3.9
New entrant rate ¹	1.1	1.1	.1	.2	.3	.3	7.9	8.3	.9	1.0	2.3	2.3

¹Unemployment rates are calculated as a percent of the civilian labor force.

A-13: Unemployed persons by reason for unemployment, duration, sex, and age

July 1972
(Percent distribution)

Reason, sex, and age	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	5,173	100.0	45.4	34.5	20.1	9.4	10.7
Lost last job	2,022	100.0	40.1	29.4	30.5	13.4	17.1
Left last job	663	100.0	49.8	31.7	18.6	9.4	9.2
Reentered labor force	1,532	100.0	50.3	36.3	13.4	6.9	6.5
Never worked before	956	100.0	45.6	44.3	10.1	5.0	5.1
Male, 20 years and over	1,848	100.0	37.6	32.0	30.4	13.6	16.8
Lost last job	1,108	100.0	36.7	28.9	34.4	14.2	20.2
Left last job	220	100.0	44.5	31.4	24.1	11.8	12.3
Reentered labor force	464	100.0	38.4	38.1	23.4	11.4	12.1
Never worked before	56	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,701	100.0	48.9	30.5	20.6	9.5	11.1
Lost last job	670	100.0	38.3	31.7	30.1	13.5	16.6
Left last job	294	100.0	45.4	34.6	20.0	9.8	10.2
Reentered labor force	646	100.0	60.1	28.8	11.2	5.3	5.9
Never worked before	91	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	1,624	100.0	50.5	41.5	8.1	4.6	3.5
Lost last job	244	100.0	60.4	25.3	14.3	9.8	4.5
Left last job	149	100.0	66.4	26.2	7.4	4.7	2.7
Reentered labor force	422	100.0	48.6	46.0	5.4	4.0	1.4
Never worked before	808	100.0	45.7	46.9	7.4	3.1	4.3

¹Percent not shown where base is less than 100,000.

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Total	5,173	5,330	100.0	100.0	1,600	1,722	100.0	100.0
Less than 5 weeks	2,347	2,348	45.4	44.1	649	673	40.5	39.1
5 to 14 weeks	1,785	1,851	34.5	34.7	470	501	29.4	29.1
5 to 10 weeks	1,514	1,512	29.3	28.4	353	366	22.0	21.3
11 to 14 weeks	271	339	5.2	6.4	117	135	7.3	7.8
15 weeks and over	1,041	1,131	20.1	21.2	482	548	30.1	31.8
15 to 26 weeks	486	516	9.4	9.7	204	240	12.7	13.9
27 weeks and over	555	615	10.7	11.5	278	309	17.4	17.9
Average (mean) duration	11.1	10.8	--	--	14.6	14.0	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status
July 1972

Sex, age, color, 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		July 1972	July 1971	July 1972	July 1971
Total	5,173	2,347	1,785	486	555	11.1	45.4	44.0	20.1	21.2
16 to 21 years	2,174	1,077	882	128	87	7.4	49.5	49.7	9.9	9.2
16 to 19 years	1,624	820	673	74	57	6.8	50.5	50.1	8.1	7.1
20 to 24 years	1,217	588	426	126	77	9.4	48.3	44.6	16.7	18.8
25 to 34 years	830	367	260	90	112	12.5	44.3	43.7	24.4	27.7
35 to 44 years	567	253	151	59	104	14.8	44.6	41.6	28.8	32.1
45 to 64 years	487	162	151	62	112	17.7	33.2	37.8	35.8	34.0
55 to 64 years	348	118	100	65	65	15.3	34.0	30.9	37.4	41.3
65 years and over	101	40	24	10	27	20.4	39.1	(1)	37.1	(1)
Male	2,659	1,105	921	290	343	12.3	41.6	41.4	23.8	23.7
16 to 21 years	1,081	516	449	67	49	7.9	47.8	47.0	10.7	11.2
16 to 19 years	811	410	329	38	33	7.2	50.5	47.5	8.8	9.6
20 to 24 years	651	271	248	77	55	10.9	41.6	41.6	20.2	21.3
25 to 34 years	410	152	132	51	75	14.8	37.1	40.2	30.7	27.4
35 to 44 years	269	102	68	39	60	17.2	37.9	40.3	36.8	33.8
45 to 64 years	271	83	80	41	67	18.4	30.8	34.1	39.7	41.6
55 to 64 years	194	67	49	36	42	15.6	34.6	30.1	40.1	44.1
65 years and over	53	19	15	8	11	18.0	(1)	(1)	(1)	(1)
Female	2,514	1,242	863	196	212	9.8	49.4	47.2	16.3	18.3
16 to 21 years	1,093	561	433	61	38	7.0	51.3	52.9	9.1	6.8
16 to 19 years	813	410	344	36	23	6.4	50.4	53.1	7.3	4.2
20 to 24 years	567	317	178	49	22	7.6	56.0	48.3	12.6	15.6
25 to 34 years	419	215	128	39	37	10.2	51.2	48.5	18.3	28.2
35 to 44 years	298	151	83	20	44	12.7	50.7	42.8	21.6	30.5
45 to 64 years	215	78	71	21	45	16.7	36.2	41.6	30.8	26.1
55 to 64 years	154	51	51	29	23	14.9	33.2	32.1	33.9	37.3
65 years and over	48	20	9	2	16	23.2	(1)	(1)	(1)	(1)
White: Total	4,053	1,839	1,382	370	461	11.4	45.4	43.3	20.5	21.0
Male	2,095	863	723	222	287	12.6	41.2	40.6	24.3	23.7
Female	1,958	976	659	149	174	10.0	49.8	46.8	16.5	17.6
Negro and other races: Total	1,121	508	402	116	95	10.0	45.4	46.8	18.8	22.1
Male	564	242	198	68	56	11.0	42.8	44.8	22.0	23.4
Female	556	267	204	48	38	9.1	47.9	48.8	15.4	20.7
Male: Married, wife present	979	392	271	138	178	14.9	40.0	38.3	32.3	33.1
Widowed, divorced, or separated	235	82	79	34	40	2.7	34.9	34.3	31.4	40.1
Single (never married)	1,445	631	571	118	125	9.9	43.7	44.6	16.8	14.6
Female: Married, husband present	1,067	558	303	95	112	10.6	52.2	47.2	19.4	25.2
Widowed, divorced, or separated	402	198	113	35	56	3.0	49.2	44.1	22.6	25.6
Single (never married)	1,045	487	447	67	44	7.9	46.6	48.5	10.6	8.6

¹Percent not shown where base is less than 100,000.

A-16: Unemployed persons by duration, occupation, and industry of last job
July 1972

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		July 1972	July 1971	July 1972	July 1971
OCCUPATION										
White-collar workers	1,418	596	485	146	191	12.6	42.0	38.7	23.8	26.6
Professional and managerial	485	184	170	54	75	14.0	37.9	32.4	26.6	32.2
Sales workers	240	93	85	26	36	13.2	38.8	44.0	26.0	24.6
Clerical workers	693	318	230	65	79	11.3	46.0	41.4	20.8	21.5
Blue-collar workers	1,904	842	580	226	256	12.4	44.2	42.9	25.3	27.1
Craftsmen and kindred workers	385	151	99	59	77	15.5	39.1	40.8	35.2	30.8
Operatives, except transport	943	440	295	103	105	11.5	46.6	(3)	22.1	(3)
Transport equipment operatives	122	67	27	11	17	12.4	55.1	(3)	22.5	(3)
Nonfarm laborers	453	185	157	53	57	11.5	40.8	46.8	24.4	17.1
Service workers	815	422	271	65	57	9.1	51.8	50.0	15.0	14.6
INDUSTRY¹										
Agriculture	88	46	36	2	4	7.2	(2)	67.2	(2)	15.6
Construction	364	177	94	41	51	11.9	48.7	50.1	25.3	20.1
Manufacturing	1,212	530	372	131	179	13.0	43.7	39.2	25.6	31.0
Durable goods	719	325	223	57	114	12.7	45.2	36.1	23.9	35.2
Nondurable goods	493	205	150	73	65	13.5	41.6	44.0	28.1	24.6
Transportation and public utilities	188	82	50	18	38	15.1	43.5	44.7	29.8	25.3
Wholesale and retail trade	1,057	488	344	125	99	10.8	46.2	42.8	21.3	23.0
Finance and service industries	1,088	474	402	104	109	10.8	43.6	44.1	19.6	20.1
Public administration	119	59	42	9	9	9.4	49.3	46.3	15.2	19.4
No previous work experience	962	442	424	48	49	8.3	45.9	47.8	10.0	6.6

¹ Includes wage and salary workers only.

² Percent not shown where base is less than 100,000.

³ Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of *Employment and Earnings*.

A-17: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
	All industries	83,443	80,681	52,483	51,066	30,960	29,616
16 to 19 years	8,553	8,039	4,909	4,656	3,644	3,383
16 and 17 years	3,787	3,578	2,271	2,157	1,516	1,421
18 and 19 years	4,765	4,461	2,638	2,498	2,128	1,963
20 to 24 years	11,417	10,725	6,557	6,025	4,860	4,700
25 to 54 years	49,570	48,042	32,125	31,380	17,445	16,661
25 to 34 years	17,728	16,368	11,881	11,195	5,846	5,173
35 to 44 years	15,516	15,411	10,079	10,028	5,437	5,383
45 to 54 years	16,327	16,263	10,165	10,157	6,162	6,105
55 to 64 years	10,899	10,814	6,905	6,952	3,994	3,862
55 to 59 years	6,484	6,488	4,054	4,139	2,430	2,350
60 to 64 years	4,415	4,325	2,851	2,813	1,563	1,513
65 years and over	3,005	3,062	1,986	2,058	1,018	1,009
Nonagricultural industries	79,383	76,710	49,250	47,894	30,133	28,816
16 to 19 years	7,855	7,370	4,336	4,118	3,519	3,253
16 and 17 years	3,353	3,174	1,916	1,835	1,437	1,339
18 and 19 years	4,501	4,196	2,420	2,283	2,082	1,914
20 to 24 years	11,044	10,415	6,259	5,772	4,785	4,643
25 to 54 years	47,700	46,201	30,700	29,976	17,000	16,226
25 to 34 years	17,187	15,864	11,458	10,798	5,730	5,066
35 to 44 years	14,915	14,808	9,638	9,579	5,277	5,230
45 to 54 years	15,598	15,529	9,605	9,599	5,993	5,930
55 to 64 years	10,215	10,136	6,350	6,398	3,865	3,738
55 to 59 years	6,117	6,140	3,759	3,853	2,359	2,287
60 to 64 years	4,097	3,996	2,591	2,545	1,506	1,451
65 years and over	2,569	2,588	1,606	1,631	964	956
Agriculture	4,061	3,971	3,233	3,171	827	800
16 to 19 years	698	669	573	538	124	131
16 and 17 years	434	404	355	322	79	82
18 and 19 years	264	265	218	216	46	49
20 to 24 years	373	310	299	253	74	57
25 to 54 years	1,870	1,840	1,425	1,405	445	435
25 to 34 years	541	504	424	397	117	107
35 to 44 years	601	602	441	449	160	153
45 to 54 years	728	734	560	559	168	175
55 to 64 years	684	678	556	553	129	125
55 to 59 years	367	348	295	286	72	62
60 to 64 years	317	330	260	268	57	62
65 years and over	435	475	381	422	55	52

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-18: Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Total	83,443	80,681	47,574	46,410	27,317	26,232	4,909	4,656	3,644	3,383
White-collar workers	38,897	37,908	19,404	19,359	16,868	16,111	800	765	1,824	1,673
Professional and technical	10,876	10,490	6,638	6,414	3,928	3,809	176	115	134	152
Health workers	1,857	1,774	715	680	1,108	1,068	10	5	24	21
Teachers, except college	2,162	2,172	597	561	1,530	1,567	8	7	28	37
Other professional and technical	6,857	6,544	5,326	5,174	1,290	1,174	158	105	82	93
Managers and administrators, except farm ..	8,147	8,782	6,630	7,260	1,432	1,469	67	43	18	10
Salaried workers	6,418	6,541	5,272	5,482	1,070	1,011	58	38	18	9
Self-employed workers in retail trade ..	957	1,145	697	837	258	302	2	5	1	1
Self-employed workers, except retail trade	772	1,096	661	941	104	156	7	--	--	--
Sales workers	5,398	5,089	2,904	2,705	1,852	1,787	259	262	384	335
Retail trade	3,150	3,035	1,035	994	1,560	1,504	205	220	349	318
Other industries	2,248	2,054	1,868	1,711	292	283	54	42	35	18
Clerical workers	14,476	13,546	3,233	2,980	9,656	9,046	299	344	1,288	1,176
Stenographers, typists, and secretaries ...	4,217	3,709	82	49	3,676	3,330	10	6	449	324
Other clerical workers	10,259	9,838	3,151	2,931	5,980	5,716	289	338	839	852
Blue-collar workers	29,737	28,379	22,250	21,250	4,359	4,185	2,723	2,595	405	349
Craftsmen and kindred workers	11,090	10,583	10,295	9,827	333	338	432	394	30	24
Carpenters	1,116	974	1,041	915	4	2	68	56	2	--
Construction craftsmen, except carpenters	2,480	(1)	2,325	(1)	16	(1)	132	(1)	7	(1)
Mechanics and repairmen	2,726	2,479	2,557	2,338	29	20	138	118	2	3
Metal craftsmen	1,062	1,160	1,033	1,118	9	18	19	23	1	--
Foremen, not elsewhere classified	1,469	1,424	1,366	1,320	92	95	12	9	--	--
All other	2,237	(1)	1,973	(1)	183	(1)	63	(1)	18	(1)
Operatives, except transport	10,429	(1)	5,663	(1)	3,694	(1)	771	(1)	302	(1)
Durable goods manufacturing	4,365	(1)	2,928	(1)	1,140	(1)	219	(1)	78	(1)
Nondurable goods manufacturing	3,634	(1)	1,375	(1)	1,974	(1)	140	(1)	145	(1)
Other industries	2,430	(1)	1,360	(1)	580	(1)	412	(1)	79	(1)
Transport equipment operatives	3,174	(1)	2,906	(1)	101	(1)	160	(1)	7	(1)
Drivers and deliverymen	2,726	2,644	2,485	2,397	99	99	136	145	5	2
All other	448	(1)	421	(1)	2	(1)	24	(1)	2	(1)
Nonfarm laborers	5,044	4,753	3,386	3,136	231	233	1,360	1,323	67	62
Construction	1,090	1,036	781	741	5	1	302	290	3	3
Manufacturing	1,074	1,112	834	870	71	83	158	150	11	10
Other industries	2,880	2,605	1,771	1,525	156	149	901	883	53	49
Service workers	11,232	10,838	3,574	3,441	5,470	5,341	879	814	1,309	1,242
Private household workers	1,393	1,386	27	17	1,021	1,007	13	6	331	355
Service workers, except private household ...	9,840	9,452	3,547	3,424	4,449	4,334	866	808	977	887
Food service workers	3,247	(1)	578	(1)	1,708	(1)	402	(1)	560	(1)
Protective service workers	1,255	1,099	1,170	1,049	69	31	16	17	--	3
All other	5,338	(1)	1,799	(1)	2,672	(1)	448	(1)	417	(1)
Farm workers	3,578	3,556	2,346	2,360	620	595	507	482	105	119
Farmers and farm managers ..	1,754	1,793	1,615	1,681	118	90	18	14	3	8
Farm laborers and foremen	1,824	1,763	731	679	502	504	490	468	102	112
Paid workers	1,255	1,149	671	632	171	116	357	326	56	75
Unpaid family workers	569	614	61	47	330	388	133	142	45	37

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

¹Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

²Less than 0.05 percent.

A-19: Employed persons by major occupational group, sex, and color
(Percent distribution)

Occupational group and color	Total		Male		Female	
	July 1972	July 1971	July 1972	July 1971	July 1972	July 1971
Total						
Total employed (thousands)	83,443	80,681	52,483	51,066	30,960	29,616
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	46.6	47.0	38.5	39.4	60.4	60.0
Professional and technical	13.0	13.0	13.0	12.8	13.1	13.4
Managers and administrators, except farm	9.8	10.9	12.8	14.3	4.7	5.0
Sales workers	6.5	6.3	6.0	5.8	7.2	7.2
Clerical workers	17.3	16.8	6.7	6.5	35.3	34.5
Blue-collar workers	35.6	35.2	47.6	46.7	15.4	15.3
Craftsmen and kindred workers	13.3	13.1	20.4	20.0	1.2	1.2
Operatives, except transport	12.5	(1)	12.3	(1)	12.9	(1)
Transport equipment operatives	3.8	(1)	5.8	(1)	.3	(1)
Nonfarm laborers	6.0	5.9	9.0	8.7	1.0	1.0
Service workers	13.5	13.4	8.5	8.3	21.9	22.2
Private household workers	1.7	1.7	.1	(2)	4.4	4.6
Other service workers	11.8	11.7	8.4	8.3	17.5	17.6
Farm workers	4.3	4.4	5.4	5.6	2.3	2.4
Farmers and farm managers	2.1	2.2	3.1	3.3	.4	.3
Farm laborers and foremen	2.2	2.2	2.3	2.2	1.9	2.1
White						
Total employed (thousands)	74,548	74,002	47,417	46,135	27,131	25,867
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.7	49.2	40.3	41.3	63.3	63.3
Professional and technical	13.5	13.5	13.5	13.4	13.5	13.8
Managers and administrators, except farm	10.5	11.7	13.6	15.2	5.0	5.4
Sales workers	7.0	6.8	6.5	6.2	7.9	7.8
Clerical workers	17.7	17.2	6.7	6.5	36.9	36.3
Blue-collar workers	35.2	34.7	46.5	45.6	15.3	15.1
Craftsmen and kindred workers	13.8	13.7	21.0	20.6	1.2	1.3
Operatives, except transport	12.2	(1)	11.9	(1)	12.7	(1)
Transport equipment operatives	3.6	(1)	5.5	(1)	.4	(1)
Nonfarm laborers	5.5	5.3	8.1	7.8	1.0	1.0
Service workers	11.9	11.7	7.7	7.5	19.1	19.3
Private household workers	1.1	1.1	.1	(2)	2.9	3.0
Other service workers	10.8	10.6	7.7	7.5	16.2	16.3
Farm workers	4.3	4.4	5.5	5.6	2.3	2.4
Farm and farm managers	2.3	2.4	3.3	3.6	.4	.3
Farm laborers and foremen	2.0	2.0	2.1	2.0	1.9	2.0
Negro and other races						
Total employed (thousands)	8,896	8,680	5,067	4,931	3,829	3,749
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	29.4	28.7	21.6	21.8	39.7	37.7
Professional and technical	8.9	8.6	7.9	7.3	10.2	10.3
Managers and administrators, except farm	3.8	4.1	4.9	5.5	2.5	2.4
Sales workers	2.1	2.3	1.7	2.0	2.5	2.6
Clerical workers	14.6	13.6	7.2	7.0	24.5	22.4
Blue-collar workers	39.6	39.5	57.3	56.6	16.2	16.9
Craftsmen and kindred workers	8.9	8.4	15.1	14.2	.8	.8
Operatives, except transport	15.2	(1)	15.9	(1)	14.2	(1)
Transport equipment operatives	5.2	(1)	9.0	(1)	.2	(1)
Nonfarm laborers	10.3	10.6	17.4	17.7	.9	1.2
Service workers	26.9	27.5	15.7	16.0	41.8	42.7
Private household workers	6.5	6.9	.3	.2	14.8	15.8
Other service workers	20.4	20.6	15.5	15.9	26.9	26.9
Farm workers	4.0	4.3	5.3	5.5	2.3	2.8
Farm and farm managers . . . . .	.7	.7	1.1	1.1	.2	.2
Farm laborers and foremen	3.3	3.6	4.2	4.4	2.1	2.5

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

¹Data comparable to 1972 category not available. For explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

²Less than 0.05 percent.

A-20: Employed persons by class of worker, sex, and age
 July 1972
 (In thousands)

Age and sex	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					
Total	73,463	1,704	12,817	58,942	5,429	491	1,583	1,895	583
16 to 19 years.....	7,692	462	949	6,281	110	52	464	48	186
16 and 17 years.....	3,259	368	472	2,419	59	36	294	26	114
18 and 19 years.....	4,434	95	477	3,862	51	17	170	22	72
20 to 24 years.....	10,790	112	1,547	9,130	230	24	249	69	55
25 to 34 years.....	16,206	147	2,889	13,170	911	70	257	226	57
35 to 44 years.....	13,677	181	2,588	10,908	1,128	110	202	312	87
45 to 54 years.....	14,108	280	2,890	10,938	1,374	115	189	439	101
55 to 64 years.....	8,996	306	1,666	7,024	1,129	89	145	473	66
55 to 59 years.....	5,411	147	1,021	4,243	660	47	75	251	41
60 to 64 years.....	3,585	160	645	2,781	470	42	70	223	24
65 years and over.....	1,994	216	287	1,491	545	30	76	327	32
Male	45,107	294	7,266	37,548	4,080	62	1,277	1,758	199
16 to 19 years.....	4,228	129	482	3,617	73	35	393	43	138
16 and 17 years.....	1,851	112	275	1,464	41	24	250	24	82
18 and 19 years.....	2,377	17	207	2,153	32	11	143	19	57
20 to 24 years.....	6,108	34	768	5,306	143	8	194	65	40
25 to 34 years.....	10,786	19	1,683	9,084	666	5	207	210	7
35 to 44 years.....	8,747	15	1,523	7,209	886	5	153	288	1
45 to 54 years.....	8,531	18	1,647	6,866	1,072	2	145	412	3
55 to 64 years.....	5,512	32	956	4,524	833	5	115	439	2
55 to 59 years.....	3,279	16	592	2,670	478	2	60	234	1
60 to 64 years.....	2,233	15	363	1,854	355	3	54	205	1
65 years and over.....	1,196	48	206	942	406	3	72	301	8
Female	28,356	1,410	5,551	21,394	1,349	429	827	305	137
16 to 19 years.....	3,464	334	467	2,664	37	18	72	5	41
16 and 17 years.....	1,408	256	197	955	18	12	44	2	32
18 and 19 years.....	2,057	77	270	1,709	19	6	28	3	15
20 to 24 years.....	4,682	78	779	3,825	87	16	55	4	16
25 to 34 years.....	5,420	128	1,206	4,086	245	65	50	16	50
35 to 44 years.....	4,930	165	1,066	3,699	242	105	50	24	86
45 to 54 years.....	5,577	262	1,243	4,073	302	113	44	27	98
55 to 64 years.....	3,484	275	710	2,500	296	85	30	35	64
55 to 59 years.....	2,132	130	428	1,573	182	45	14	17	40
60 to 64 years.....	1,353	144	282	926	114	39	16	18	23
65 years and over.....	798	169	81	549	139	27	4	27	24

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-21: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	July 1972	July 1971	Total		Wage and salary workers ¹			
			July 1972	July 1971	Paid absence ²		Unpaid absence ²	
					July 1972	July 1971	July 1972	July 1971
Total	10,489	10,608	10,369	10,480	6,416	6,369	3,377	3,507
Vacation	8,400	8,193	8,338	8,139	5,869	5,850	2,130	1,949
Illness	1,125	1,151	1,101	1,120	390	354	606	662
Bad weather	21	18	14	11	--	--	--	--
Industrial dispute	124	381	122	381	--	--	--	--
All other reasons	819	865	794	828	157	165	641	896
Male	5,419	5,592	5,322	5,473	3,757	3,754	1,274	1,377
Vacation	4,225	4,213	4,177	4,165	3,375	3,416	632	555
Illness	677	701	656	672	264	239	333	368
All other reasons	517	678	489	636	118	98	309	454
Female	5,070	5,016	5,048	5,007	2,660	2,616	2,103	2,130
Vacation	4,175	3,979	4,161	3,975	2,494	2,434	1,498	1,394
Illness	448	450	445	448	128	116	273	294
All other reasons	447	587	442	584	39	65	332	442

¹Excludes private household.²Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

A-22: Persons at work by type of industry and hours of work

July 1972

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	72,954	69,013	3,941	100.0	100.0	100.0
1-34 hours	15,112	14,046	1,064	20.7	20.4	27.0
1-4 hours	611	553	57	.8	.8	1.4
5-14 hours	2,804	2,588	215	3.8	3.8	5.5
15-29 hours	7,552	6,972	580	10.4	10.1	14.7
30-34 hours	4,145	3,933	212	5.7	5.7	5.4
35 hours and over	57,844	54,967	2,877	79.3	79.6	73.0
35-39 hours	5,342	5,167	175	7.3	7.5	4.4
40 hours	31,485	30,976	510	43.2	44.9	12.9
41 hours and over	21,017	18,824	2,192	28.8	27.3	55.6
41 to 48 hours	8,293	8,011	281	11.4	11.6	7.1
49 to 59 hours	6,358	5,902	456	8.7	8.6	11.6
60 hours and over	6,366	4,911	1,455	8.7	7.1	36.9
Average hours, total at work	40.2	39.6	48.6	--	--	--
Average hours, workers on full-time schedules	43.9	43.2	57.4	--	--	--

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-23: Persons at work 1-34 hours by usual status and reason working part time

July 1972

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	15,112	4,783	10,328	14,046	4,497	9,550
Economic reasons.....	3,493	1,163	2,330	3,174	1,034	2,140
Slack work.....	1,206	794	412	1,049	695	354
Material shortages or repairs to plant and equipment.....	69	69	--	65	65	--
New job started during week.....	215	215	--	197	197	--
Job terminated during week.....	85	85	--	77	77	--
Could find only part-time work.....	1,918	--	1,918	1,786	--	1,786
Other reasons.....	11,620	3,622	7,998	10,871	3,461	7,410
Does not want, or unavailable for, full-time work.....	5,787	--	5,787	5,388	--	5,388
Vacation.....	925	925	--	905	905	--
Illness.....	1,277	1,035	242	1,185	998	187
Bad weather.....	412	412	--	340	340	--
Industrial dispute.....	42	42	--	42	42	--
Legal or religious holiday.....	61	61	--	61	61	--
Full time for this job.....	1,510	--	1,510	1,452	--	1,452
All other reasons.....	1,604	1,145	459	1,501	1,117	384
Average hours:						
Economic reasons.....	20.4	23.4	18.9	20.5	23.5	19.0
Other reasons.....	21.2	25.6	19.2	21.3	25.7	19.3
Worked 30 to 34 hours:						
Economic reasons.....	845	452	393	772	407	365
Other reasons.....	3,300	1,730	1,570	3,161	1,675	1,486

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-24: Nonagricultural workers by industry and full- or part-time status

July 1972

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	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 ^{1/}	100.0	4.6	10.7	84.7	57.4	11.6	15.7	39.6	43.2
Wage and salary workers.....	100.0	4.6	10.3	85.1	59.7	11.8	13.6	39.2	42.6
Construction.....	100.0	5.5	3.5	91.0	66.7	11.0	13.3	39.6	41.5
Manufacturing.....	100.0	2.4	2.1	95.5	66.2	15.8	13.5	41.5	42.4
Durable goods.....	100.0	1.4	1.6	97.0	66.6	16.1	14.3	42.0	42.5
Nondurable goods.....	100.0	3.8	2.8	93.4	65.6	15.3	12.5	40.8	42.2
Transportation and public utilities.....	100.0	2.5	4.0	93.4	64.5	11.8	17.1	42.1	43.6
Wholesale and retail trade.....	100.0	7.3	17.1	75.6	45.9	13.4	16.3	38.3	44.0
Finance, insurance, and real estate.....	100.0	1.6	8.1	90.2	66.1	10.2	13.9	39.7	41.8
Service industries.....	100.0	6.7	19.3	74.1	56.0	7.8	10.3	35.8	41.9
Private households.....	100.0	21.2	42.8	35.9	25.6	4.1	6.2	24.6	43.7
All other service.....	100.0	5.1	16.6	78.3	59.4	8.2	10.7	37.1	41.8
Public administration.....	100.0	1.9	5.1	93.0	73.2	7.4	12.4	41.0	42.5
Self-employed workers.....	100.0	4.7	14.5	80.8	30.7	9.3	40.8	44.5	51.0
Unpaid family workers.....	100.0	1.4	32.2	66.4	31.8	7.7	26.9	40.1	49.1

^{1/}Mining not shown separately but included in totals.

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status
July 1972

Age, sex, color and marital status	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		
(In thousands)								
TOTAL								
Total, 16 years and over.....	69,013	3,174	7,410	58,429	39,605	18,824	39.6	43.2
16 to 21 years	11,635	1,515	2,220	7,900	5,962	1,938	34.5	41.4
16 to 19 years	7,468	1,264	1,744	4,460	3,411	1,049	32.3	41.1
16 and 17 years	3,204	735	1,093	1,376	1,074	302	27.7	40.3
18 and 19 years	4,264	529	651	3,084	2,335	749	35.8	41.4
20 years and over	61,546	1,910	5,666	53,970	36,195	17,775	40.5	43.4
20 to 24 years	10,053	497	964	8,592	6,214	2,378	39.1	42.2
25 years and over	51,493	1,412	4,702	45,379	29,982	15,397	40.8	43.7
25 to 44 years	27,611	754	2,104	24,753	16,056	8,697	41.3	43.8
45 to 64 years	21,668	579	1,681	19,408	13,123	6,285	41.1	43.6
65 years and over	2,213	79	917	1,217	803	414	31.2	43.3
Males, 16 years and over	43,928	1,592	2,371	39,965	24,403	15,562	42.3	44.5
16 to 21 years	6,414	846	1,002	4,566	3,154	1,412	35.8	42.4
16 to 19 years	4,134	707	808	2,619	1,878	741	33.5	41.8
16 and 17 years	1,831	412	559	860	646	214	29.1	40.8
18 and 19 years	2,303	296	249	1,758	1,231	527	37.1	42.3
20 years and over	39,794	884	1,562	37,348	22,527	14,821	43.2	44.7
20 to 24 years	5,788	261	370	5,157	3,271	1,886	41.2	43.7
25 years and over	34,006	623	1,193	32,190	19,256	12,934	43.5	44.9
25 to 44 years	18,810	352	350	18,108	10,595	7,513	44.1	45.0
45 to 64 years	13,802	230	311	13,261	8,143	5,118	43.9	44.8
65 years and over	1,395	41	532	822	520	302	32.4	43.6
Females, 16 years and over	25,085	1,582	5,039	18,464	15,202	3,262	35.0	40.5
16 to 21 years	5,221	670	1,217	3,334	2,808	526	32.8	40.1
16 to 19 years	3,334	558	936	1,840	1,531	309	30.8	40.1
16 and 17 years	1,373	323	534	516	429	87	26.0	39.4
18 and 19 years	1,960	233	402	1,325	1,104	221	34.2	40.3
20 years and over	21,752	1,025	4,103	16,624	13,670	2,954	35.6	40.6
20 to 24 years	4,264	236	594	3,434	2,944	490	36.2	40.0
25 years and over	17,487	790	3,509	13,188	10,725	2,463	35.5	40.7
25 to 44 years	8,802	401	1,754	6,647	5,463	1,184	35.2	40.4
45 to 64 years	7,867	350	1,370	6,147	4,982	1,165	36.4	41.0
65 years and over	818	39	385	394	282	112	29.3	42.8
COLOR								
White	61,654	2,652	6,631	52,371	34,650	17,721	39.9	43.5
Male	39,691	1,364	2,104	36,223	21,507	14,716	42.6	44.8
Female	21,963	1,288	4,527	16,148	13,142	3,006	35.1	40.7
Negro and other races	7,359	523	779	6,057	4,954	1,103	37.1	40.7
Male	4,237	228	266	3,743	2,897	846	39.2	41.6
Female	3,122	295	513	2,314	2,057	257	34.1	39.3
MARITAL STATUS								
Male:								
Married, wife present	32,216	524	977	30,715	17,956	12,759	43.9	45.0
Widowed, divorced, or separated	2,363	82	169	2,112	1,357	755	41.2	44.0
Single (never married)	9,350	986	1,224	7,140	5,092	2,048	37.0	42.3
Female:								
Married, husband present	13,411	577	3,065	9,769	8,036	1,733	34.8	40.5
Widowed, divorced, or separated	4,807	282	714	3,811	3,016	795	36.6	41.1
Single (never married)	6,867	723	1,260	4,884	4,149	735	34.2	40.1

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-25: Persons at work in nonagricultural industries by full- or part-time status,
sex, age, color, and marital status--Continued
July 1972

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
TOTAL						
Total, 16 years and over.....	100.0	4.6	10.7	84.7	57.4	27.3
16 to 21 years.....	100.0	13.0	19.1	67.9	51.2	16.7
16 to 19 years.....	100.0	16.9	23.4	59.7	45.7	14.0
16 and 17 years.....	100.0	22.9	34.1	42.9	33.5	9.4
18 and 19 years.....	100.0	12.4	15.3	72.4	54.8	17.6
20 years and over.....	100.0	3.1	9.2	87.7	58.8	28.9
20 to 24 years.....	100.0	4.9	9.6	85.5	61.8	23.7
25 years and over.....	100.0	2.7	9.1	88.1	58.2	29.9
25 to 44 years.....	100.0	2.7	7.6	89.7	58.2	31.5
45 to 64 years.....	100.0	2.7	7.8	89.6	60.6	29.0
65 years and over.....	100.0	3.6	41.4	55.0	36.3	18.7
Males, 16 years and over.....	100.0	3.6	5.4	91.0	55.6	35.4
16 to 21 years.....	100.0	13.2	15.6	71.2	49.2	22.0
16 and 19 years.....	100.0	17.1	19.5	63.3	45.4	17.9
16 and 17 years.....	100.0	22.5	30.5	47.0	35.3	11.7
18 and 19 years.....	100.0	12.9	10.8	76.4	53.5	22.9
20 years and over.....	100.0	2.2	3.9	93.8	56.6	37.2
20 to 24 years.....	100.0	4.5	6.4	89.1	56.5	32.6
25 years and over.....	100.0	1.8	3.5	94.6	56.6	38.0
25 to 44 years.....	100.0	1.9	1.9	96.2	56.3	39.9
45 to 64 years.....	100.0	1.7	2.3	96.1	59.0	37.1
65 years and over.....	100.0	2.9	38.1	58.9	37.3	21.6
Females, 16 years and over.....	100.0	6.3	20.1	73.6	60.6	13.0
16 to 21 years.....	100.0	12.8	23.3	63.9	53.8	10.1
16 to 19 years.....	100.0	16.7	28.1	55.2	45.9	9.3
16 and 17 years.....	100.0	23.5	38.9	37.5	31.2	6.3
18 and 19 years.....	100.0	11.9	20.5	67.6	56.3	11.3
20 years and over.....	100.0	4.7	18.9	76.4	62.8	13.6
20 to 24 years.....	100.0	5.5	13.9	80.5	69.0	11.5
25 years and over.....	100.0	4.5	20.1	75.4	61.3	14.1
25 to 44 years.....	100.0	4.6	19.9	75.6	62.1	13.5
45 to 64 years.....	100.0	4.4	17.4	78.1	63.3	14.8
65 years and over.....	100.0	4.8	47.1	48.2	34.5	13.7
COLOR						
White.....	100.0	4.3	10.8	84.9	56.2	28.7
Male.....	100.0	3.4	5.3	91.3	54.2	37.1
Female.....	100.0	5.9	20.6	73.5	59.8	13.7
Negro and other races.....	100.0	7.1	10.6	82.3	67.3	15.0
Male.....	100.0	5.4	6.3	88.4	68.4	20.0
Female.....	100.0	9.4	16.4	74.1	65.9	8.2
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.6	3.0	95.3	55.7	39.6
Widowed, divorced, or separated.....	100.0	3.5	7.2	89.4	57.4	32.0
Single (never married).....	100.0	10.5	13.1	76.4	54.5	21.9
Female:						
Married, husband present.....	100.0	4.3	22.9	72.8	59.9	12.9
Widowed, divorced, or separated.....	100.0	5.9	14.9	79.2	62.7	16.5
Single (never married).....	100.0	10.5	18.3	71.1	60.4	10.7

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex
July 1972

Occupational group and sex	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
(Thousands of persons)									
TOTAL									
White-collar workers	33,586	932	3,902	28,752	19,419	3,399	5,934	40.1	43.6
Professional and technical	8,384	165	974	7,245	4,976	807	1,462	40.0	43.3
Managers and administrators, except farm	7,390	69	297	7,024	3,136	1,048	2,840	47.3	48.6
Sales workers	4,872	244	968	3,660	2,124	535	1,001	38.1	44.6
Clerical workers	12,940	454	1,663	10,823	9,184	1,009	630	37.0	40.2
Blue-collar workers	25,912	1,313	1,285	23,314	15,545	3,828	3,941	40.7	43.0
Craftsmen and kindred workers	9,828	304	268	9,256	6,013	1,532	1,711	42.0	43.3
Operatives, except transport	8,627	389	370	7,868	5,588	1,282	998	40.3	42.1
Transport equipment operatives	2,820	113	105	2,602	1,303	499	800	44.5	46.5
Nonfarm laborers	4,637	506	542	3,589	2,641	515	433	36.3	41.5
Service workers	9,967	978	2,298	6,691	4,815	835	1,041	35.2	43.0
Private household	1,270	243	539	488	346	57	85	25.8	43.7
Other service workers	8,697	735	1,759	6,203	4,469	778	956	36.5	42.9
MALE									
White-collar workers	18,046	276	970	16,800	9,339	2,374	5,087	44.1	45.9
Professional and technical	5,858	79	334	5,425	3,473	648	1,304	42.5	44.3
Managers and administrators, except farm	6,096	50	159	5,887	2,441	889	2,557	48.2	49.2
Sales workers	2,912	60	240	2,612	1,317	421	874	43.0	45.9
Clerical workers	3,180	87	217	2,876	2,109	416	351	40.0	42.2
Blue-collar workers	22,213	1,044	964	20,205	13,033	3,425	3,747	41.3	43.4
Craftsmen and kindred workers	9,524	288	223	9,013	5,830	1,500	1,683	42.1	43.3
Operatives, except transport	5,565	170	179	5,216	3,416	949	851	41.8	43.2
Transport equipment operatives	2,748	106	74	2,568	1,287	485	796	44.9	46.6
Nonfarm laborers	4,375	478	488	3,409	2,501	492	416	36.4	41.5
Service workers	4,030	312	482	3,236	2,173	435	628	39.7	44.3
Private household	38	11	8	19	9	--	10	35.9	53.2
Other service workers	3,991	301	474	3,216	2,163	435	618	39.7	44.3
FEMALE									
White-collar workers	15,540	655	2,932	11,953	10,081	1,025	847	35.6	40.4
Professional and technical	2,526	85	620	1,821	1,504	160	157	34.1	40.2
Managers and administrators, except farm	1,294	19	139	1,136	691	160	285	42.8	45.8
Sales workers	1,960	184	728	1,048	808	113	127	30.9	41.4
Clerical workers	9,760	368	1,445	7,947	7,075	593	279	35.9	39.5
Blue-collar workers	3,699	269	321	3,109	2,512	403	194	37.0	40.1
Craftsmen and kindred workers	303	16	45	242	181	33	28	37.3	41.6
Operatives, except transport	3,062	219	191	2,652	2,173	333	146	37.4	39.8
Transport equipment operatives	72	7	32	33	15	14	4	29.7	41.7
Nonfarm laborers	262	28	54	180	139	24	17	34.5	41.3
Service workers	5,938	666	1,816	3,456	2,642	401	413	32.1	41.7
Private household	1,232	233	531	468	335	58	75	25.5	43.3
Other service workers	4,706	434	1,285	2,987	2,306	343	338	33.9	41.4

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

July 1972

Occupational group and sex	Total at work	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
(Percent distribution)							
TOTAL							
White-collar workers	100.0	2.8	11.6	85.6	57.8	10.1	17.7
Professional and technical	100.0	2.0	11.6	86.4	59.4	9.6	17.4
Managers and administrators, except farm	100.0	.9	4.0	95.0	42.4	14.2	38.4
Sales workers	100.0	5.0	19.9	75.1	43.6	11.0	20.5
Clerical workers	100.0	3.5	12.9	83.7	71.0	7.8	4.9
Blue-collar workers	100.0	5.1	5.0	90.0	60.0	14.8	15.2
Craftsmen and kindred workers	100.0	3.1	2.7	94.2	61.2	15.6	17.4
Operatives, except transport	100.0	4.5	4.3	91.3	64.8	14.9	11.6
Transport equipment operatives	100.0	4.0	3.7	92.3	46.2	17.7	28.4
Nonfarm laborers	100.0	10.9	11.7	77.4	57.0	11.1	9.3
Service workers	100.0	9.8	23.1	67.1	48.3	8.4	10.4
Private household	100.0	19.1	42.4	38.4	27.2	4.5	6.7
Other service workers	100.0	8.5	20.2	71.3	51.4	8.9	11.0
MALE							
White-collar workers	100.0	1.5	5.4	93.2	51.8	13.2	28.2
Professional and technical	100.0	1.3	6.0	92.7	59.3	11.1	22.3
Managers and administrators, except farm	100.0	.8	2.6	96.5	40.0	14.6	41.9
Sales workers	100.0	2.1	8.2	89.7	45.2	14.5	30.0
Clerical workers	100.0	2.7	6.8	90.4	66.3	13.1	11.0
Blue-collar workers	100.0	4.7	4.3	91.0	58.7	15.4	16.9
Craftsmen and kindred workers	100.0	3.0	2.3	94.6	61.2	15.7	17.7
Operatives, except transport	100.0	3.1	3.2	93.8	61.4	17.1	15.3
Transport equipment operatives	100.0	3.9	2.7	93.4	46.8	17.6	29.0
Nonfarm laborers	100.0	10.9	11.2	77.9	57.2	11.2	9.5
Service workers	100.0	7.7	12.0	80.3	53.9	10.8	15.6
Private household	100.0	28.9	21.1	50.0	23.7	--	26.3
Other service workers	100.0	7.5	11.9	80.6	54.2	10.9	15.5
FEMALE							
White-collar workers	100.0	4.2	18.9	77.0	64.9	6.6	5.5
Professional and technical	100.0	3.4	24.5	72.0	59.5	6.3	6.2
Managers and administrators, except farm	100.0	1.5	10.7	87.8	53.4	12.4	22.0
Sales workers	100.0	9.4	37.1	53.5	41.2	5.8	6.5
Clerical workers	100.0	3.8	14.8	81.5	72.5	6.1	2.9
Blue-collar workers	100.0	7.3	8.7	84.0	67.9	10.9	5.2
Craftsmen and kindred workers	100.0	5.3	14.9	79.8	59.7	10.9	9.2
Operatives, except transport	100.0	7.2	6.2	86.7	71.0	10.9	4.8
Transport equipment operatives	100.0	9.7	44.4	45.8	20.8	19.4	5.6
Nonfarm laborers	100.0	10.7	20.6	68.8	53.1	9.2	6.5
Service workers	100.0	11.2	30.6	58.3	44.5	6.8	7.0
Private household	100.0	18.9	43.1	38.0	27.2	4.7	6.1
Other service workers	100.0	9.2	27.3	63.5	49.0	7.3	7.2

A-27: Employment status of 14-15 year-olds by sex and color

July 1972

(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population	8,292	4,216	4,076	7,095	3,619	3,476	1,196	597	599
Civilian labor force	2,565	1,591	975	2,217	1,393	824	349	198	151
Employed	2,202	1,362	841	1,961	1,228	733	241	134	108
Agriculture	481	376	105	420	337	82	61	39	22
Nonagricultural industries	1,721	985	736	1,541	890	651	180	95	85
Unemployed	363	229	134	256	165	91	107	64	43
Not in labor force	5,727	2,625	3,101	4,879	2,226	2,652	848	399	449
Keeping house	431	25	406	324	16	308	107	9	98
Going to school	559	270	289	434	205	229	125	65	60
Unable to work	16	11	5	14	8	5	3	3	--
All other reasons	4,720	2,320	2,400	4,107	1,997	2,110	613	322	290

A-28: Employed 14-15 year-olds by sex, class of worker, and major occupational group

July 1972

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total	2,202	1,362	841	100.0	100.0	100.0
Nonagricultural industries	1,721	985	736	78.2	72.4	87.6
Wage and salary workers	1,602	884	718	72.8	65.0	85.5
Private household workers	647	214	433	29.4	15.7	51.5
Government workers	199	126	73	9.0	9.3	8.7
Other wage and salary workers	757	544	212	34.4	40.0	25.2
Self-employed workers	83	75	8	3.8	5.5	1.0
Unpaid family workers	35	26	10	1.6	1.9	1.2
Agriculture	481	376	105	21.8	27.6	12.4
Wage and salary workers	302	240	61	13.7	17.6	7.3
Self-employed workers	40	38	2	1.8	2.8	.2
Unpaid family workers	139	98	41	6.3	7.2	4.9
OCCUPATION						
Total	2,202	1,362	841	100.0	100.0	100.0
White-collar workers	354	242	111	16.1	17.8	13.3
Professional and technical	16	7	9	.7	.5	1.1
Managers and administrators, except farm	1	1	--	--	.1	--
Sales workers	244	203	41	11.1	14.9	4.9
Clerical workers	93	31	62	4.2	2.3	7.4
Blue-collar workers	585	546	39	26.6	40.1	4.6
Craftsmen and kindred workers	32	31	1	1.5	2.3	.1
Operatives, except transport	71	57	15	3.2	4.2	1.8
Transport equipment operatives	3	3	--	.1	.2	--
Nonfarm laborers	479	455	23	21.8	33.4	2.7
Service workers	833	245	588	37.8	17.9	69.9
Private household workers	452	29	423	20.5	2.1	50.3
Other service workers	380	215	165	17.3	15.8	19.6
Farm workers	431	328	102	19.6	24.2	12.1
Farmers and farm managers	7	5	2	.3	.4	.2
Farm laborers and foremen	424	324	100	19.3	23.8	11.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-29: Employment status of the noninstitutional population by sex and age, seasonally adjusted

(In thousands)

Employment status, sex, and age	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Total													
Total labor force	88,855	88,788	88,905	88,747	88,817	88,075	88,301	87,883	87,812	87,467	87,240	87,088	86,727
Civilian labor force	86,467	86,395	86,486	86,284	86,313	85,535	85,707	85,225	85,116	84,750	84,491	84,313	83,930
Employed	81,682	81,667	81,394	81,205	81,241	80,623	80,636	80,098	80,020	79,832	79,451	79,199	79,014
Agriculture	3,445	3,337	3,353	3,324	3,482	3,357	3,393	3,400	3,419	3,416	3,363	3,407	3,374
Nonagricultural industries	78,237	78,330	78,041	77,881	77,759	77,266	77,243	76,698	76,601	76,416	76,088	75,792	75,640
On part time for economic reasons	2,509	2,521	2,421	2,558	2,416	2,303	2,429	2,388	2,604	2,502	2,311	2,425	2,438
Usually work full time	1,085	1,022	1,102	1,131	1,155	1,127	1,146	1,084	1,263	1,148	1,076	1,147	1,148
Usually work part time	1,424	1,499	1,319	1,427	1,261	1,176	1,283	1,304	1,341	1,354	1,235	1,278	1,290
Unemployed	4,785	4,728	5,092	5,079	5,072	4,912	5,071	5,127	5,096	4,918	5,040	5,114	4,916
Men, 20 years and over													
Total labor force	50,979	50,904	50,760	50,711	50,714	50,373	50,498	50,463	50,527	50,530	50,492	50,458	50,369
Civilian labor force	48,961	48,882	48,700	48,614	48,582	48,181	48,259	48,169	48,200	48,179	48,113	48,057	47,949
Employed	47,032	46,919	46,628	46,541	46,569	46,255	46,247	46,080	46,066	46,124	45,969	45,893	45,879
Agriculture	2,474	2,437	2,404	2,370	2,400	2,394	2,442	2,439	2,503	2,494	2,435	2,462	2,449
Nonagricultural industries	44,558	44,482	44,224	44,171	44,169	43,861	43,805	43,641	43,563	43,630	43,534	43,431	43,430
Unemployed	1,929	1,963	2,072	2,073	2,013	1,926	2,012	2,089	2,134	2,055	2,144	2,164	2,070
Women, 20 years and over													
Civilian labor force	29,789	29,657	29,625	29,508	29,574	29,358	29,424	29,284	29,254	29,082	28,960	28,826	28,594
Employed	28,078	28,029	27,883	27,913	27,972	27,878	27,794	27,592	27,571	27,471	27,319	27,141	26,964
Agriculture	556	496	551	563	620	575	564	547	528	530	548	543	529
Nonagricultural industries	27,522	27,533	27,332	27,350	27,352	27,303	27,230	27,045	27,043	26,941	26,771	26,601	26,435
Unemployed	1,711	1,628	1,742	1,595	1,602	1,480	1,630	1,692	1,683	1,611	1,641	1,682	1,630
Both sexes, 16-19 years													
Civilian labor force	7,717	7,856	8,161	8,162	8,157	7,996	8,024	7,772	7,662	7,489	7,418	7,430	7,387
Employed	6,572	6,719	6,883	6,751	6,700	6,490	6,595	6,426	6,383	6,237	6,163	6,162	6,171
Agriculture	415	404	398	391	462	388	387	414	388	392	380	402	396
Nonagricultural industries	6,157	6,315	6,485	6,360	6,238	6,102	6,208	6,012	5,995	5,845	5,783	5,760	5,775
Unemployed	1,145	1,137	1,278	1,411	1,457	1,506	1,429	1,346	1,279	1,252	1,255	1,268	1,216

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

Table A-30: 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	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Full time													
Total, 16 years and over:													
Civilian labor force	74,218	74,333	74,032	73,691	73,714	72,997	73,261	73,170	73,020	72,550	72,342	72,218	71,995
Employed	70,437	70,643	69,918	69,725	69,734	69,123	69,279	69,023	68,889	68,643	68,285	68,209	68,128
Unemployed	3,781	3,690	4,114	3,966	3,980	3,874	3,982	4,147	4,131	3,907	4,057	4,009	3,867
Unemployment rate	5.1	5.0	5.6	5.4	5.4	5.3	5.4	5.7	5.7	5.4	5.6	5.6	5.4
Men, 20 years and over:													
Civilian labor force	46,588	46,504	46,330	46,199	46,123	45,847	45,892	45,805	45,898	45,766	45,717	45,693	45,685
Employed	44,821	44,745	44,441	44,330	44,282	44,074	44,061	43,881	43,909	43,848	43,729	43,669	43,776
Unemployed	1,767	1,759	1,889	1,869	1,841	1,773	1,831	1,924	1,989	1,918	1,988	2,024	1,909
Unemployment rate	3.8	3.8	4.1	4.0	4.0	3.9	4.0	4.2	4.3	4.2	4.3	4.4	4.2
Women, 20 years and over:													
Civilian labor force	23,477	23,483	23,292	23,145	23,208	22,921	23,009	22,992	22,985	22,735	22,784	22,595	22,347
Employed	22,093	22,180	21,828	21,896	21,904	21,691	21,704	21,680	21,643	21,464	21,433	21,296	21,070
Unemployed	1,384	1,303	1,464	1,249	1,304	1,230	1,305	1,312	1,342	1,271	1,351	1,299	1,277
Unemployment rate	5.9	5.5	6.3	5.4	5.6	5.4	5.7	5.7	5.8	5.6	5.9	5.7	5.7
Part time													
Total, 16 years and over:													
Civilian labor force	12,208	11,867	12,406	12,466	12,596	12,540	12,595	12,083	12,125	12,190	12,293	12,211	11,954
Employed	11,211	10,825	11,403	11,369	11,497	11,482	11,476	11,072	11,094	11,158	11,280	11,086	10,918
Unemployed	997	1,042	1,003	1,097	1,099	1,058	1,119	1,011	1,031	1,032	1,013	1,125	1,036
Unemployment rate	8.2	8.8	8.1	8.8	8.7	8.4	8.9	8.4	8.5	8.5	8.2	9.2	8.7

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.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**
A-31: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
White													
Total:													
Civilian labor force	76,831	76,722	76,846	76,735	76,735	76,096	76,419	75,939	75,751	75,327	75,119	74,897	74,515
Employed	72,987	72,864	72,768	72,567	72,674	72,186	72,347	71,822	71,542	71,349	71,049	70,714	70,524
Unemployed	3,844	3,858	4,078	4,168	4,061	3,910	4,072	4,117	4,209	3,978	4,070	4,183	3,991
Unemployment rate	5.0	5.0	5.3	5.4	5.3	5.1	5.3	5.4	5.6	5.3	5.4	5.6	5.4
Males, 20 years and over:													
Civilian labor force	44,063	44,007	43,857	43,808	43,772	43,456	43,625	43,395	43,365	43,326	43,315	43,260	43,175
Employed	42,520	42,318	42,164	42,067	42,095	41,858	41,924	41,739	41,622	41,633	41,551	41,450	41,450
Unemployed	1,543	1,689	1,693	1,741	1,677	1,598	1,701	1,656	1,743	1,693	1,764	1,810	1,725
Unemployment rate	3.5	3.8	3.9	4.0	3.8	3.7	3.9	3.8	4.0	3.9	4.1	4.2	4.0
Females, 20 years and over:													
Civilian labor force	25,926	25,693	25,737	25,661	25,692	25,480	25,581	25,584	25,449	25,269	25,160	25,000	24,782
Employed	24,504	24,427	24,345	24,341	24,444	24,328	24,338	24,168	24,075	23,999	23,876	23,643	23,468
Unemployed	1,422	1,266	1,392	1,320	1,248	1,152	1,243	1,416	1,374	1,270	1,284	1,357	1,314
Unemployment rate	5.5	4.9	5.4	5.1	4.9	4.5	4.9	5.5	5.4	5.0	5.1	5.4	5.3
Both sexes, 16 to 19 years:													
Civilian labor force	6,842	7,022	7,252	7,266	7,271	7,160	7,213	6,960	6,937	6,732	6,644	6,637	6,558
Employed	5,963	6,119	6,259	6,159	6,135	6,000	6,085	5,915	5,845	5,717	5,622	5,621	5,606
Unemployed	879	903	993	1,107	1,136	1,160	1,128	1,045	1,092	1,015	1,022	1,016	952
Unemployment rate	12.8	12.9	13.7	15.2	15.6	16.2	15.6	15.0	15.7	15.1	15.4	15.3	14.5
Negro and other races													
Total:													
Civilian labor force	9,593	9,605	9,657	9,469	9,588	9,516	9,415	9,304	9,365	9,445	9,410	9,376	9,377
Employed	8,642	8,706	8,626	8,562	8,582	8,514	8,414	8,335	8,483	8,463	8,435	8,449	8,443
Unemployed	951	899	1,031	907	1,006	1,002	1,001	969	882	982	975	927	934
Unemployment rate	9.9	9.4	10.7	9.6	10.5	10.5	10.6	10.4	9.4	10.4	10.4	9.9	10.0
Males, 20 years and over:													
Civilian labor force	4,896	4,874	4,851	4,801	4,822	4,778	4,701	4,761	4,810	4,842	4,817	4,781	4,778
Employed	4,509	4,567	4,466	4,467	4,480	4,445	4,381	4,381	4,446	4,453	4,438	4,427	4,428
Unemployed	387	307	385	334	342	333	320	380	364	389	379	354	350
Unemployment rate	7.9	6.3	7.9	7.0	7.1	7.0	6.8	8.0	7.6	8.0	7.9	7.4	7.3
Females, 20 years and over:													
Civilian labor force	3,832	3,890	3,925	3,819	3,887	3,897	3,908	3,751	3,801	3,821	3,815	3,803	3,773
Employed	3,527	3,539	3,557	3,542	3,541	3,579	3,516	3,448	3,494	3,478	3,452	3,483	3,449
Unemployed	305	351	368	277	346	318	392	303	307	343	363	320	324
Unemployment rate	8.0	9.0	9.4	7.3	8.9	8.2	10.0	8.1	8.1	9.0	9.5	8.4	8.6
Both sexes, 16 to 19 years:													
Civilian labor force	865	841	881	849	879	841	806	792	754	782	778	792	826
Employed	606	600	603	553	561	490	517	506	543	532	545	539	566
Unemployed	259	241	278	296	318	351	289	286	211	250	233	253	260
Unemployment rate	29.9	28.7	31.6	34.9	36.2	41.7	35.9	36.1	28.0	32.0	29.9	31.9	31.5

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-32: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Less than 5 weeks	2,149	2,175	2,223	2,169	2,311	2,142	2,358	2,410	2,290	2,140	2,317	2,320	2,150
5 to 14 weeks	1,478	1,437	1,514	1,521	1,412	1,454	1,502	1,509	1,650	1,529	1,567	1,553	1,532
15 weeks and over	1,155	1,148	1,180	1,137	1,224	1,294	1,198	1,273	1,311	1,253	1,250	1,291	1,255
15 to 26 weeks	658	594	587	482	591	634	636	724	741	628	683	735	704
27 weeks and over	497	554	593	655	633	660	562	549	570	625	567	556	551
Average (mean) duration	11.8	13.5	12.5	12.4	12.4	12.5	11.8	11.4	11.8	12.5	12.0	11.6	11.5

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33: Major unemployment indicators, seasonally adjusted
(Unemployment rates)

Selected categories	1972							1971						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
Total (all civilian workers)	5.5	5.5	5.9	5.9	5.9	5.7	5.9	6.0	6.0	5.8	6.0	6.1	5.9	
Men, 20 years and over	3.9	4.0	4.3	4.3	4.1	4.0	4.2	4.3	4.4	4.3	4.5	4.5	4.3	
Women, 20 years and over	5.7	5.5	5.9	5.4	5.4	5.0	5.5	5.8	5.8	5.5	5.7	5.8	5.7	
Both sexes, 16-19 years	14.8	14.5	15.7	17.3	17.9	18.8	17.8	17.3	16.7	16.7	16.9	17.1	16.5	
White	5.0	5.0	5.3	5.4	5.3	5.1	5.3	5.4	5.6	5.3	5.4	5.6	5.4	
Negro and other races	9.9	9.4	10.7	9.6	10.5	10.5	10.6	10.4	9.4	10.4	10.4	9.9	10.0	
Household heads	3.3	3.6	3.6	3.4	3.4	3.3	3.5	3.8	3.6	3.5	3.8	3.8	3.6	
Married men	2.7	2.9	2.9	2.9	2.8	2.8	3.0	3.2	3.3	3.0	3.3	3.2	3.1	
Full-time workers	5.1	5.0	5.6	5.4	5.4	5.3	5.4	5.7	5.7	5.4	5.6	5.6	5.4	
Part-time workers	8.2	8.8	8.1	8.8	8.7	8.4	8.9	8.4	8.5	8.5	8.2	9.2	8.7	
Unemployed 15 weeks and over ¹	1.3	1.3	1.4	1.3	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	
State insured ²	3.7	3.6	3.7	3.6	3.5	3.5	3.4	4.1	4.1	4.4	4.3	4.2	4.0	
Labor force time lost ³	6.0	5.5	6.3	6.3	6.3	6.1	6.4	6.4	6.4	6.5	6.3	6.5	6.3	
Occupation														
White-collar workers	3.4	3.1	3.6	3.4	3.5	3.3	3.6	3.6	3.4	3.4	3.4	3.5	3.5	
Professional and technical	2.5	1.9	2.4	2.3	2.5	2.5	3.1	2.9	2.9	3.1	2.7	3.0	2.8	
Managers and administrators, except farm	1.9	1.4	1.5	1.8	1.9	1.7	1.9	1.8	1.9	1.7	1.6	1.4	1.6	
Sales workers	4.3	4.0	4.5	3.7	4.1	4.0	4.4	4.0	3.9	3.9	4.1	4.4	4.6	
Clerical workers	4.6	4.8	5.3	4.9	4.9	4.7	4.7	4.9	4.6	4.7	4.8	4.9	4.9	
Blue-collar workers	6.4	6.4	6.8	6.8	6.9	7.0	7.1	7.5	7.5	7.1	7.7	7.5	7.2	
Craftsmen and kindred workers	4.3	4.5	4.7	4.4	4.4	4.4	4.3	4.8	4.6	4.7	5.3	5.3	5.1	
Operatives	7.1	6.8	7.1	7.4	7.7	7.5	7.9	8.2	8.2	7.8	8.3	8.3	8.1	
Nonfarm laborers	9.3	9.5	10.9	10.7	11.7	11.8	11.6	11.9	11.8	10.6	11.2	10.6	9.2	
Service workers	6.6	5.7	6.1	6.3	6.6	5.9	6.1	6.4	6.6	6.0	6.5	6.5	6.5	
Farm workers	2.2	2.6	3.0	2.2	1.9	2.7	2.8	2.7	3.7	1.9	2.8	2.7	2.6	
Industry														
Nonagricultural private wage and salary workers ⁴	5.8	5.5	6.0	5.9	6.1	5.9	6.1	6.3	6.2	5.9	6.2	6.2	6.1	
Construction	10.9	9.5	12.5	10.6	9.8	10.3	9.8	11.2	9.7	10.2	9.7	9.9	9.8	
Manufacturing	5.7	5.6	6.0	5.8	6.2	6.0	6.4	6.9	6.6	6.2	6.9	6.8	6.7	
Durable goods	5.7	5.7	6.3	5.8	6.3	6.1	6.7	6.7	6.7	6.4	7.0	6.9	6.8	
Nondurable goods	5.6	5.5	5.7	5.9	6.1	6.0	6.0	7.1	6.3	5.8	6.8	6.8	6.5	
Transportation and public utilities	3.6	3.1	3.5	3.7	4.0	3.9	4.1	4.1	4.4	4.3	3.6	3.3	3.1	
Wholesale and retail trade	6.5	6.5	6.3	6.2	6.7	6.2	6.3	6.5	6.6	6.1	6.3	6.3	6.4	
Finance and service industries	4.6	4.2	5.0	5.1	5.3	4.9	5.3	4.9	5.1	4.9	5.1	5.3	5.2	
Government workers	2.8	2.5	2.9	2.9	2.8	2.8	3.0	3.2	3.2	3.2	3.0	3.1	2.9	
Agricultural wage and salary workers	6.0	7.5	8.8	6.0	6.0	8.3	8.6	7.5	9.6	7.0	8.5	8.8	7.8	

¹ Unemployment rate calculated as a percent of civilian labor force.

² Insured unemployment under State programs as a percent of average covered employment. As with the other statistics presented, insured unemployment data relate to the week containing the 12th.

³ Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.

⁴ Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
A-34: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1972						1971						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Total, 16 years and over	5.5	5.5	5.9	5.9	5.9	5.7	5.9	6.0	6.0	5.8	6.0	6.1	5.9
16 to 19 years	14.8	14.5	15.7	17.3	17.9	18.8	17.8	17.3	16.7	16.7	16.9	17.1	16.5
16 and 17 years	16.5	16.5	16.6	19.1	20.7	22.0	19.1	18.8	18.3	19.9	18.4	19.5	18.3
18 and 19 years	13.5	12.9	15.8	15.5	15.8	16.7	16.8	16.3	15.4	14.5	15.8	15.0	15.0
20 to 24 years	9.8	8.7	9.9	10.0	9.9	8.8	10.1	10.1	10.4	9.2	9.6	10.0	9.8
25 years and over	3.7	3.9	3.9	3.8	3.7	3.6	3.7	4.1	4.0	4.0	4.0	4.1	4.0
25 to 54 years	3.8	4.0	4.0	3.8	3.9	3.7	3.9	4.3	4.2	4.3	4.3	4.2	4.2
55 years and over	3.4	3.6	3.6	3.6	3.3	3.1	3.1	3.4	3.4	3.0	3.2	3.5	3.2
Males, 16 years and over	4.7	4.8	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.3	5.4	5.5	5.2
16 to 19 years	13.6	13.8	16.6	16.7	17.8	19.6	17.3	17.3	16.2	16.5	16.3	17.2	15.8
16 and 17 years	14.6	15.4	18.0	19.3	21.4	21.8	18.7	19.0	18.1	20.3	18.6	19.4	18.4
18 and 19 years	12.8	12.4	16.2	14.8	15.1	17.6	16.1	16.0	14.7	13.7	14.6	15.0	13.7
20 to 24 years	9.6	8.3	9.4	10.7	10.4	9.2	10.4	10.5	10.7	9.7	10.2	10.5	10.2
25 years and over	3.0	3.3	3.4	3.3	3.2	3.2	3.2	3.5	3.5	3.5	3.5	3.6	3.4
25 to 54 years	3.0	3.3	3.4	3.2	3.1	3.2	3.3	3.6	3.7	3.7	3.7	3.6	3.5
55 years and over	3.1	3.5	3.5	3.5	3.4	3.2	3.0	3.0	3.2	2.9	3.0	3.3	3.1
Females, 16 years and over	6.9	6.5	6.8	6.8	6.8	6.4	6.9	7.0	6.9	6.7	6.9	7.0	6.9
16 to 19 years	16.4	15.4	14.6	18.0	17.9	17.9	18.4	17.3	17.3	17.0	17.6	16.9	17.2
16 and 17 years	18.9	18.1	14.8	19.0	19.8	22.3	19.6	18.5	18.7	19.2	18.0	19.5	18.3
18 and 19 years	14.4	13.5	15.3	16.4	16.8	15.6	17.7	16.7	16.2	15.6	17.3	15.1	16.4
20 to 24 years	10.1	9.2	10.6	9.0	9.2	8.4	9.6	9.6	10.0	8.6	8.9	9.4	9.4
25 years and over	4.8	4.8	4.8	4.6	4.7	4.3	4.6	5.0	4.8	4.9	4.9	5.0	4.9
25 to 54 years	5.1	5.1	5.0	4.9	5.1	4.7	4.9	5.4	5.2	5.3	5.3	5.4	5.4
55 years and over	4.0	3.8	3.8	3.6	3.1	2.9	3.3	3.9	3.7	3.0	3.4	3.8	3.3

A-35: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1972						1971						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Number of unemployed													
Lost last job	2,093	2,210	2,199	2,040	2,118	2,077	2,169	2,365	2,360	2,206	2,369	2,460	2,280
Left last job	616	624	649	611	674	603	564	666	629	541	583	572	510
Reentered labor force	1,455	1,238	1,460	1,557	1,542	1,503	1,652	1,432	1,493	1,486	1,536	1,509	1,534
Never worked before	564	621	802	917	737	713	742	736	651	663	603	651	570
Percent distribution													
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
Lost last job	44.3	47.1	43.0	39.8	41.8	42.4	42.3	45.5	46.0	45.1	46.5	47.4	46.6
Left last job	13.0	13.3	12.7	11.9	13.3	12.3	11.0	12.8	12.3	11.0	11.5	11.0	10.4
Reentered labor force	30.8	26.4	28.6	30.4	30.4	30.7	32.2	27.5	29.1	30.4	30.2	29.1	31.3
Never worked before	11.9	13.2	15.7	17.9	14.5	14.6	14.5	14.2	12.7	13.5	11.8	12.5	11.6
Unemployed as a percent of the civilian labor force													
Lost last job	2.4	2.6	2.5	2.4	2.5	2.4	2.5	2.8	2.8	2.6	2.8	2.9	2.7
Left last job .....	.7	.7	.8	.7	.8	.7	.7	.8	.7	.6	.7	.7	.6
Reentered labor force	1.7	1.4	1.7	1.8	1.8	1.8	1.9	1.7	1.8	1.8	1.8	1.8	1.8
Never worked before .....	.7	.7	.9	1.1	.9	.9	.9	.9	.8	.8	.7	.8	.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-36: Employed persons by sex and age, seasonally adjusted
(In thousands)

Sex and age	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Total													
16 years and over	81,682	81,667	81,394	81,205	81,241	80,623	80,636	80,098	80,020	79,832	79,451	79,199	79,014
16 to 19 years	6,572	6,719	6,883	6,751	6,700	6,490	6,595	6,426	6,383	6,237	6,163	6,162	6,171
16 and 17 years	2,700	2,747	2,891	2,787	2,736	2,688	2,836	2,655	2,712	2,551	2,592	2,551	2,550
18 and 19 years	3,876	3,955	3,986	3,939	3,953	3,817	3,791	3,760	3,688	3,695	3,579	3,580	3,627
20 to 24 years	10,835	10,923	10,777	10,658	10,614	10,586	10,513	10,486	10,338	10,489	10,364	10,269	10,192
25 years and over	64,180	63,934	63,769	63,802	63,970	63,567	63,603	63,228	63,334	63,131	62,943	62,764	62,586
25 to 54 years	50,176	49,944	49,914	49,853	49,921	49,613	49,478	49,157	49,181	49,031	48,913	48,758	48,612
55 years and over	13,937	13,905	13,887	13,903	14,087	13,990	14,231	14,077	14,115	14,091	14,030	13,973	13,907
Male													
16 years and over	50,677	50,679	50,347	50,252	50,271	49,824	49,902	49,669	49,726	49,681	49,430	49,318	49,337
16 to 19 years	3,645	3,760	3,719	3,711	3,702	3,569	3,655	3,589	3,660	3,557	3,461	3,425	3,458
16 and 17 years	1,571	1,610	1,596	1,564	1,551	1,525	1,591	1,545	1,589	1,489	1,503	1,486	1,492
18 and 19 years	2,080	2,136	2,160	2,118	2,154	2,054	2,084	2,056	2,079	2,071	1,963	1,907	1,970
20 to 24 years	6,047	6,110	5,990	5,917	5,929	5,862	5,821	5,819	5,680	5,749	5,635	5,604	5,558
25 years and over	40,920	40,734	40,651	40,628	40,676	40,435	40,467	40,319	40,403	40,348	40,341	40,283	40,286
25 to 54 years	32,068	31,889	31,824	31,791	31,724	31,594	31,504	31,440	31,482	31,460	31,405	31,315	31,325
55 years and over	8,832	8,819	8,810	8,829	8,970	8,840	9,015	8,877	8,924	8,906	8,950	8,939	8,945
Female													
16 years and over	31,005	30,988	31,047	30,953	30,970	30,799	30,734	30,429	30,294	30,151	30,021	29,881	29,677
16 to 19 years	2,927	2,959	3,164	3,040	2,998	2,921	2,940	2,837	2,723	2,680	2,702	2,737	2,713
16 and 17 years	1,129	1,137	1,295	1,223	1,185	1,163	1,245	1,110	1,123	1,062	1,089	1,065	1,058
18 and 19 years	1,796	1,819	1,826	1,821	1,799	1,763	1,707	1,704	1,609	1,624	1,616	1,673	1,657
20 to 24 years	4,788	4,813	4,787	4,741	4,685	4,724	4,692	4,667	4,658	4,740	4,729	4,665	4,634
25 years and over	23,260	23,200	23,118	23,174	23,294	23,132	23,136	22,909	22,941	22,873	22,603	22,481	22,300
25 to 54 years	18,108	18,055	18,090	18,062	18,197	18,018	17,974	17,717	17,699	17,571	17,508	17,443	17,287
55 years and over	5,105	5,086	5,077	5,074	5,117	5,150	5,216	5,200	5,191	5,185	5,080	5,034	4,962

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-37: Employed persons by major occupational group, seasonally adjusted
(In thousands)

Occupational group	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
White-collar workers	39,113	38,704	38,776	38,884	38,661	38,883	38,587	38,341	38,800	38,699	38,734	38,521	38,113
Professional & technical	11,424	11,432	11,318	11,412	11,374	11,256	11,065	11,143	11,268	11,166	11,211	11,188	11,019
Managers and administrators, except farm	8,058	7,847	7,883	7,849	7,895	8,049	8,020	8,067	8,824	8,946	8,878	8,832	8,686
Sales workers	5,355	5,258	5,434	5,389	5,276	5,311	5,314	5,228	5,126	5,046	5,027	5,035	5,049
Clerical workers	14,276	14,167	14,141	14,234	14,116	14,267	14,188	13,903	13,582	13,541	13,618	13,466	13,359
Blue-collar workers	28,474	28,872	28,603	28,309	28,666	28,015	28,203	27,804	27,404	27,362	27,161	26,925	27,182
Craftsmen and kindred workers	10,736	10,892	10,829	10,777	11,008	10,826	10,897	10,861	10,184	10,073	10,033	10,054	10,245
Operatives	13,442	13,642	13,603	13,425	13,483	13,181	13,373	13,148	13,131	13,068	13,079	12,871	12,888
Nonfarm laborers	4,296	4,338	4,171	4,107	4,175	4,008	3,933	3,795	4,089	4,221	4,049	4,000	4,049
Service workers	11,083	11,166	11,086	10,981	10,858	10,787	10,911	10,793	10,730	10,729	10,706	10,741	10,697
Farmers and farm laborers	3,006	2,902	2,924	2,957	3,074	2,985	3,031	3,019	3,010	3,041	2,957	3,022	2,997

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-38: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old

Employment status	(Numbers in thousands)								
	July 1972	June 1972	July 1971	Seasonally adjusted					
				July 1972	June 1972	May 1972	April 1972	March 1972	July 1971
Veterans¹									
Total, 20 to 29 years old									
Civilian noninstitutional population ²	4,551	4,529	4,089	4,551	4,529	4,519	4,498	4,470	4,089
Civilian labor force	4,280	4,230	3,815	4,206	4,183	4,196	4,161	4,137	3,750
Employed	3,979	3,950	3,502	3,898	3,881	3,858	3,804	3,783	3,429
Unemployed	301	280	313	308	302	338	357	354	321
Unemployment rate	7.0	6.6	8.2	7.3	7.2	8.1	8.6	8.6	8.6
20 to 24 years									
Civilian noninstitutional population ²	1,928	1,943	1,963	1,928	1,943	1,970	1,987	2,000	1,963
Civilian labor force	1,787	1,792	1,771	1,745	1,775	1,792	1,810	1,817	1,729
Employed	1,596	1,632	1,572	1,559	1,600	1,608	1,581	1,594	1,535
Unemployed	191	160	199	186	175	184	229	223	194
Unemployment rate	10.7	8.9	11.2	10.7	9.9	10.3	12.7	12.3	11.2
25 to 29 years									
Civilian noninstitutional population ²	2,623	2,586	2,126	2,623	2,586	2,549	2,511	2,470	2,126
Civilian labor force	2,493	2,438	2,044	2,461	2,408	2,404	2,351	2,320	2,021
Employed	2,383	2,318	1,930	2,339	2,281	2,250	2,223	2,189	1,894
Unemployed	110	120	114	122	127	154	128	131	127
Unemployment rate	4.4	4.9	5.6	5.0	5.3	6.4	5.4	5.6	6.3
Nonveterans									
Total, 20 to 29 years old									
Civilian noninstitutional population ²	10,085	10,036	9,428	10,085	10,036	9,914	9,840	9,779	9,428
Civilian labor force	9,236	9,076	8,576	8,715	8,677	8,555	8,527	8,513	8,105
Employed	8,635	8,412	7,962	8,149	8,110	7,949	7,875	7,873	7,525
Unemployed	601	664	614	566	567	606	652	640	580
Unemployment rate	6.5	7.3	7.2	6.5	6.5	7.1	7.6	7.5	7.2
20 to 24 years									
Civilian noninstitutional population ²	6,086	6,065	5,582	6,086	6,065	5,958	5,918	5,884	5,582
Civilian labor force	5,420	5,298	4,886	4,909	4,904	4,808	4,813	4,843	4,425
Employed	4,960	4,792	4,443	4,485	4,512	4,369	4,332	4,352	4,017
Unemployed	460	506	443	424	392	439	481	491	408
Unemployment rate	8.5	9.6	9.1	8.6	8.0	9.1	10.0	10.1	9.2
25 to 29 years									
Civilian noninstitutional population ²	3,999	3,971	3,846	3,999	3,971	3,956	3,922	3,895	3,846
Civilian labor force	3,816	3,778	3,690	3,806	3,773	3,747	3,714	3,670	3,680
Employed	3,675	3,620	3,519	3,664	3,598	3,580	3,543	3,521	3,508
Unemployed	141	158	171	142	175	167	171	149	172
Unemployment rate	3.7	4.2	4.6	3.7	4.6	4.5	4.6	4.1	4.7

¹ Vietnam Era veterans are those who served after August 4, 1964; they are all classified as war veterans. 80 percent of the Vietnam Era veterans of all ages are 20 to 29 years old. Post-Korean-peace-time veterans 20 to 29 years old are not included in this table.

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

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**
**B-1: Employees on nonagricultural payrolls, by industry division
1919 to date**
(In thousands)

Year and month	Goods-producing														Service-producing									
	Total	Goods-producing				Service-producing					Wholesale and retail trade					Government								
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	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	-	-									
1921.....	24,382	10,231	962	1,012	8,257	14,151	3,459	4,589	-	-	1,163	2,412	2,528	-	-									
1922.....	25,827	11,234	929	1,185	9,120	14,593	3,505	4,903	-	-	1,144	2,503	2,538	-	-									
1923.....	28,394	12,741	1,212	1,229	10,300	15,653	3,882	5,290	-	-	1,190	2,684	2,607	-	-									
1924.....	28,040	12,093	1,101	1,321	9,671	15,947	3,807	5,407	-	-	1,231	2,782	2,720	-	-									
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	1,503	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.....	54,224	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	4,036	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	4,151	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.....	67,915	23,672	606	3,285	19,781	44,244	4,310	14,084	3,611	10,473	3,382	10,623	11,845	2,737	9,109									
1969.....	70,284	24,221	619	3,435	20,167	46,063	4,429	14,639	3,733	10,906	3,564	11,229	12,202	2,758	9,444									
1970.....	70,616	23,336	622	3,345	19,369	47,280	4,504	14,922	3,824	11,098	3,690	11,630	12,535	2,705	9,830									
1971.....	70,699	22,469	601	3,259	18,610	48,230	4,481	15,174	3,855	11,319	3,800	11,917	12,858	2,664	10,194									
1971: July	70,452	22,541	613	3,480	18,448	47,911	4,534	15,132	3,877	11,255	3,867	12,040	12,338	2,688	9,650									
Aug.	70,542	22,785	625	3,509	18,651	47,757	4,486	15,151	3,886	11,265	3,865	11,994	12,261	2,690	9,571									
Sept.	71,184	22,934	623	3,471	18,840	48,250	4,509	15,242	3,880	11,362	3,829	11,986	12,684	2,666	10,018									
Oct.	71,379	22,709	622	3,478	18,709	48,670	4,455	15,327	3,896	11,431	3,826	12,020	13,042	2,659	10,383									
Nov.	71,638	22,627	524	3,410	18,693	49,011	4,447	15,537	3,905	11,632	3,836	12,032	13,159	2,655	10,504									
Dec.	72,034	22,377	605	3,177	18,595	49,657	4,469	16,089	3,915	12,174	3,841	12,029	13,229	2,684	10,545									
1972: Jan.	70,643	22,007	602	2,965	18,440	48,636	4,430	15,266	3,871	11,395	3,833	11,926	13,181	2,654	10,527									
Feb.	70,776	22,013	596	2,880	18,537	48,763	4,407	15,147	3,866	11,281	3,844	12,031	13,334	2,656	10,678									
Mar.	71,374	22,226	599	2,974	18,653	49,148	4,482	15,274	3,894	11,380	3,867	12,131	13,394	2,656	10,738									
Apr.	71,928	22,427	597	3,117	18,713	49,501	4,486	15,460	3,902	11,558	3,885	12,279	13,391	2,664	10,727									
May.	72,533	22,672	602	3,246	18,824	49,861	4,521	15,592	3,926	11,666	3,913	12,401	13,434	2,662	10,772									
June ^F	73,361	23,150	612	3,401	19,137	50,211	4,582	15,788	4,001	11,787	3,965	12,519	13,357	2,659	10,698									
July	72,413	22,778	613	3,399	18,766	49,635	4,579	15,703	4,011	11,692	3,986	12,573	12,794	2,650	10,144									

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

SIC CODE	Industry	(In thousands)										
		All employees					Production workers ¹					
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971	
-	TOTAL	72,413	73,361	72,533	70,452	71,355	-	-	-	-	-	
-	PRIVATE SECTOR	59,619	60,004	59,099	58,114	58,422	49,312	49,748	48,904	47,995	48,322	
-	MINING	613	612	602	613	634	460	462	455	460	482	
10	METAL MINING	-	88.0	87.0	71.4	95.3	-	70.2	69.3	52.3	76.2	
101	Iron ores	-	21.5	21.0	26.1	26.0	-	17.4	17.1	21.3	21.2	
102	Copper ores	-	39.0	38.5	14.8	38.8	-	30.8	30.3	6.7	30.7	
11,12	COAL MINING	-	140.9	144.3	156.4	155.4	-	118.9	122.3	134.2	133.4	
12	Bituminous coal and lignite mining	-	136.6	139.9	151.0	149.9	-	115.2	118.5	129.5	128.6	
13	OIL AND GAS EXTRACTION	-	264.7	255.9	265.9	265.2	-	174.8	168.5	175.2	174.9	
131,2	Crude petroleum and natural gas fields	-	140.1	136.9	144.3	143.5	-	72.3	70.3	74.4	74.0	
138	Oil and gas field services	-	124.6	119.0	121.6	121.7	-	102.5	98.2	100.8	100.9	
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	118.6	115.1	118.8	117.9	-	98.2	95.2	98.3	97.2	
142	Crushed and broken stone	-	42.8	41.3	43.2	42.9	-	36.6	35.3	36.5	36.0	
144	Sand and gravel	-	40.2	38.9	39.4	38.7	-	-	-	-	-	
	CONTRACT CONSTRUCTION	3,399	3,401	3,246	3,480	3,414	2,823	2,830	2,685	2,916	2,854	
	GENERAL BUILDING CONTRACTORS	-	959.1	917.3	994.5	984.8	-	787.1	749.1	827.4	817.4	
16	HEAVY CONSTRUCTION CONTRACTORS	-	764.8	695.7	790.2	764.3	-	658.6	591.7	680.8	657.2	
161	Highway and street construction	-	365.7	317.8	383.7	366.1	-	325.2	279.0	342.9	326.1	
162	Heavy construction, n e c	-	399.1	377.9	406.5	398.2	-	333.4	312.7	337.9	331.1	
17	SPECIAL TRADE CONTRACTORS	-	1,677.0	1,633.2	1,695.5	1,664.9	-	1,384.4	1,344.2	1,407.5	1,378.9	
171	Plumbing, heating, air conditioning	-	401.7	391.6	403.7	400.4	-	317.4	308.1	321.3	318.1	
172	Painting, paper hanging, decorating	-	124.4	117.3	128.3	121.4	-	108.4	101.6	112.4	104.7	
173	Electrical work	-	298.3	291.6	298.1	292.1	-	237.8	231.9	238.5	232.6	
174	Masonry, stonework, and plastering	-	208.8	206.5	220.0	218.1	-	188.4	186.0	198.7	197.5	
176	Roofing and sheet metal work	-	117.2	112.2	114.3	113.2	-	96.6	91.8	93.2	92.7	
	MANUFACTURING	18,766	19,137	18,824	18,448	18,746	13,639	14,005	13,723	13,315	13,611	
19,24,25, 32-39	DURABLE GOODS	10,722	10,962	10,811	10,487	10,694	7,750	7,987	7,852	7,512	7,713	
20-23, 26-31	NONDURABLE GOODS	8,044	8,175	8,013	7,961	8,052	5,889	6,018	5,871	5,803	5,898	
	<i>Durable Goods</i>											
19	ORDNANCE AND ACCESSORIES	192.7	189.5	185.5	189.9	192.7	95.4	94.4	90.9	92.4	94.6	
192	Ammunition, except for small arms	133.0	130.0	126.9	131.9	133.4	57.8	57.0	54.4	57.8	59.2	
1925	Complete guided missiles	-	92.3	90.9	90.2	90.3	-	27.7	26.7	26.0	26.6	
1929	Ammunition, exc. for small arms, nec	-	37.7	36.0	41.7	43.1	-	29.3	27.7	31.8	32.6	
24	LUMBER AND WOOD PRODUCTS	627.9	628.8	604.5	596.4	593.3	542.8	543.2	520.2	516.3	513.9	
241	Logging camps & logging contractors	72.0	70.8	64.8	76.8	75.4	-	-	-	-	-	
242	Sawmills and planing mills	223.6	223.1	216.1	215.8	214.9	203.0	202.3	195.8	196.1	196.2	
2421	Sawmills and planing mills, general	-	189.4	183.0	184.0	182.6	-	171.8	166.0	167.5	167.0	
243	Millwork, plywood & related products	208.4	207.1	199.7	187.5	186.4	175.0	173.3	166.4	157.5	156.4	
2431	Millwork	-	90.0	87.1	81.5	79.9	-	73.8	71.4	66.6	65.0	
2432	Veneer and plywood	-	83.7	80.9	76.1	76.7	-	73.9	71.3	68.3	68.9	
244	Wooden containers	30.9	31.4	29.7	30.1	30.7	27.8	28.3	26.5	26.7	27.2	
2441,2	Wooden boxes, shooks, and crates	-	26.0	24.4	24.6	25.3	-	23.5	21.8	21.9	22.5	
249	Miscellaneous wood products	(*)	96.4	94.2	86.2	85.9	(*)	79.9	77.9	71.2	70.9	

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)					Production workers ¹				
		July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971	July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971
	Durable Goods--Continued										
25	FURNITURE AND FIXTURES	481.2	491.4	482.7	452.1	459.3	396.0	406.4	398.6	370.8	377.9
251	Household furniture.....	346.9	356.2	351.1	322.9	328.0	293.2	302.1	297.6	272.7	277.7
2511	Wood household furniture.....	--	177.5	174.4	163.2	165.4	--	155.9	152.9	142.6	144.8
2512	Upholstered household furniture.....	--	102.9	101.0	88.6	90.8	--	86.3	84.5	73.8	75.8
2515	Mattresses and bedsprings.....	--	38.0	37.8	37.3	37.2	--	29.0	29.1	28.6	28.6
252	Office furniture.....	--	36.8	35.5	33.5	33.4	--	28.8	27.8	25.4	25.2
254	Partitions and fixtures.....	--	51.0	49.4	50.0	49.8	--	39.3	37.7	38.1	38.1
253,9	Other furniture and fixtures.....	46.3	47.4	46.7	45.7	48.1	35.0	36.2	35.5	34.6	36.9
32	STONE, CLAY, AND GLASS PRODUCTS ...	667.2	670.5	652.6	638.6	641.7	534.7	537.3	520.7	507.6	510.8
321	Flat glass.....	--	25.1	24.5	24.4	24.2	--	18.7	18.3	17.9	17.8
322	Glass and glassware, pressed or blown...	137.4	137.7	132.7	129.5	129.6	118.9	119.2	114.5	111.2	111.2
3221	Glass containers.....	--	79.2	76.1	76.6	75.7	--	70.1	67.2	67.2	66.3
3229	Pressed and blown glass, n e c.....	--	58.5	56.6	52.9	53.9	--	49.1	47.3	44.0	44.9
324	Cement, hydraulic.....	34.1	33.9	32.8	33.2	32.9	26.9	26.8	25.7	26.3	25.9
325	Structural clay products.....	61.3	60.9	59.3	58.3	59.7	51.6	51.1	49.5	48.5	49.5
3251	Brick and structural clay tile.....	--	27.4	26.8	26.5	26.8	--	24.0	23.4	23.2	23.3
326	Pottery and related products.....	--	42.5	42.1	39.6	40.5	--	35.9	35.4	32.3	33.4
327	Concrete, gypsum, and plaster products...	(*)	199.9	194.2	193.4	192.5	(*)	156.5	151.3	151.9	151.2
328,9	Other stone and nonmetallic mineral products	138.2	138.6	135.9	130.5	132.3	104.3	104.1	101.8	96.3	98.3
3291	Abrasive products.....	--	27.2	26.5	24.9	24.9	--	19.2	18.4	17.1	17.0
33	PRIMARY METAL INDUSTRIES	1,222.8	1,240.8	1,232.0	1,238.9	1,283.1	972.5	991.3	982.9	975.5	1,019.0
331	Blast furnace and basic steel products...	(*)	585.1	577.7	614.6	631.5	(*)	469.2	462.2	490.3	507.3
3312	Blast furnaces and steel mills.....	--	509.1	503.4	537.7	554.1	--	409.3	404.3	430.5	446.9
332	Iron and steel foundries.....	(*)	218.1	218.1	210.3	216.9	(*)	182.0	181.9	173.0	179.4
3321	Gray iron foundries.....	--	136.5	137.0	128.1	132.9	--	116.1	116.4	106.8	111.4
3322	Malleable iron foundries.....	--	25.1	25.0	22.9	23.2	--	21.1	21.1	19.0	19.4
3323	Steel foundries.....	--	56.5	56.1	59.3	60.8	--	44.8	44.4	47.2	48.6
333,4	Nonferrous metals.....	83.9	83.8	82.8	75.3	87.4	65.9	65.6	64.5	56.0	67.7
3334	Primary aluminum.....	--	29.2	28.8	31.1	31.3	--	24.0	23.6	25.4	25.5
335	Nonferrous rolling and drawing.....	197.9	203.1	204.5	199.8	205.0	146.8	151.8	153.4	145.6	150.4
3351	Copper rolling and drawing.....	--	40.4	39.4	41.6	42.8	--	30.7	29.7	31.0	32.1
3352	Aluminum rolling and drawing.....	--	63.7	65.5	63.0	63.8	--	46.8	48.7	44.6	45.2
3357	Nonferrous wire drawing and insulating..	--	78.9	79.9	75.4	78.5	--	59.9	60.9	56.4	59.5
336	Nonferrous foundries.....	80.9	83.2	82.1	75.6	76.4	67.1	69.2	68.0	61.6	62.5
3361	Aluminum castings.....	--	43.3	42.7	38.8	39.4	--	36.7	35.9	32.1	32.8
3362,9	Other nonferrous castings.....	--	39.9	39.4	36.8	37.0	--	32.5	32.1	29.5	29.7
339	Miscellaneous primary metal products.....	(*)	67.5	66.8	63.3	65.9	(*)	53.5	52.9	49.0	51.7
3391	Iron and steel forgings.....	--	44.5	44.0	42.5	44.0	--	36.1	35.7	33.5	35.0
34	FABRICATED METAL PRODUCTS	1,366.6	1,386.9	1,365.5	1,319.4	1,343.6	1,042.6	1,064.6	1,044.2	998.5	1,023.0
341	Metal cans.....	72.4	73.0	71.2	76.5	76.5	62.0	62.6	60.8	65.8	65.7
342	Cutlery, hand tools, and hardware.....	(*)	158.1	157.3	145.0	149.0	(*)	124.5	123.9	112.4	116.6
3421,3,5	Cutlery and hand tools, incl. saws.....	--	65.3	64.3	59.7	60.7	--	51.7	50.7	46.1	47.1
3429	Hardware, n e c.....	--	92.8	93.0	85.3	88.3	--	72.8	73.2	66.3	69.5
343	Plumbing and heating, except electric... .	85.3	86.6	85.5	80.8	81.0	64.2	65.4	64.5	59.8	60.4
3431,2	Sanitary ware & plumbers' brass goods...	--	41.3	41.2	39.0	38.4	--	33.0	33.1	30.8	30.6
3433	Heating equipment, except electric.....	--	45.3	44.3	41.8	42.6	--	32.4	31.4	29.0	29.8
344	Fabricated structural metal products.....	426.0	424.9	417.2	419.9	421.7	304.9	305.5	297.2	299.7	301.8
3441	Fabricated structural steel.....	--	104.8	104.2	107.6	108.2	--	76.1	75.1	78.6	79.0
3442	Metal doors, sash, and trim.....	--	76.4	73.5	71.6	71.5	--	57.1	54.0	52.7	53.3
3443	Fabricated plate work (boiler shops).....	--	112.1	111.6	113.2	114.5	--	77.4	76.5	78.2	79.2
3444	Sheet metal work.....	--	80.9	78.8	78.9	79.0	--	59.1	57.4	56.8	57.1
3446,9	Architectural and misc. metal work.....	--	50.7	49.1	48.6	48.5	--	35.8	34.2	33.4	33.2
345	Screw machine products, bolts, etc.....	(*)	99.1	97.4	90.2	92.5	(*)	78.1	76.5	68.8	71.1
3451	Screw machine products.....	--	44.7	43.7	39.8	40.4	--	37.2	36.2	32.6	33.1
3452	Bolts, nuts, rivets, and washers.....	--	54.4	53.7	50.4	52.1	--	40.9	40.3	36.2	38.0
346	Metal stampings.....	(*)	227.7	228.3	211.6	224.3	(*)	183.6	184.5	167.3	179.7
347	Metal services, n e c.....	79.7	80.7	78.3	76.2	77.9	65.4	66.5	64.4	61.9	63.6
348	Misc. fabricated wire products.....	68.3	69.6	67.6	64.4	64.9	54.6	55.9	54.0	50.5	51.1
349	Misc. fabricated metal products.....	(*)	167.2	162.7	154.8	155.8	(*)	122.5	118.4	112.3	113.0
3494,8	Valves, pipe, and pipe fittings.....	--	102.2	99.7	94.2	94.4	--	71.7	69.5	65.3	65.4

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)											
		All employees					Production workers ¹						
		July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971	June 1972 ^P	July 1972 ^P	May 1972	July 1971	June 1971		
	<i>Durable Goods--Continued</i>												
	TRANSPORTATION EQUIPMENT--Continued												
3732	Boat building and repairing.....	-	42.5	42.1	37.8	39.0	-	34.8	34.3	30.7	31.7		
374	Railroad equipment.....	-	49.8	49.0	49.9	52.1	-	37.7	36.9	38.6	40.3		
375,9	Other transportation equipment.....	-	146.5	147.4	130.8	129.8	-	121.7	122.4	108.6	107.7		
	INSTRUMENTS AND RELATED PRODUCTS.....	450.2	452.8	444.9	430.2	430.9	268.3	273.3	267.4	255.4	256.5		
38	Engineering & scientific instruments.....	-	64.1	64.0	62.9	61.4	-	31.5	31.2	30.1	28.7		
381	Mechanical measuring & control devices....	100.6	100.2	98.9	97.2	97.5	61.6	61.8	61.0	58.1	58.3		
382	Mechanical measuring devices.....	-	62.0	61.3	60.8	61.0	-	35.8	35.4	34.1	34.2		
3821	Automatic temperature controls.....	-	38.2	37.6	36.4	36.5	-	26.0	25.6	24.0	24.1		
383,5	Optical and ophthalmic goods.....	(*)	54.9	53.3	49.6	50.3	(*)	38.9	37.7	34.3	34.7		
385	Ophthalmic goods.....	-	39.0	37.7	34.2	34.7	-	29.7	28.7	25.7	26.0		
384	Medical instruments and supplies.....	91.5	93.4	91.7	86.0	87.0	59.3	61.2	59.8	56.2	57.3		
386	Photographic equipment and supplies.....	(*)	109.0	106.6	106.6	106.6	(*)	54.2	52.7	54.2	54.7		
387	Watches, clocks, and watchcases.....	-	31.2	30.4	27.9	28.1	-	25.7	25.0	22.5	22.8		
	MISCELLANEOUS MANUFACTURING INDUSTRIES.....	416.6	428.8	418.8	402.1	413.3	326.4	335.3	325.7	309.9	320.4		
39	Jewelry, silverware, and plated ware.....	(*)	52.8	51.8	45.8	48.8	(*)	39.7	38.8	33.8	36.5		
394	Toys and sporting goods.....	120.4	115.8	115.8	115.8	119.8	-	97.8	93.3	93.9	97.2		
3941-3	Games, toys, dolls, & play vehicles.....	-	65.4	61.0	64.6	67.7	-	52.5	48.5	52.4	54.7		
3949	Sporting and athletic goods, n e c.....	-	55.0	54.8	51.2	52.1	-	45.3	44.8	41.5	42.5		
395	Pens, pencils, office, and art supplies....	-	33.0	32.6	30.9	31.5	-	23.5	23.1	21.5	22.2		
396	Costume jewelry and notions.....	-	58.0	57.2	56.1	57.9	-	47.6	46.8	45.6	47.2		
393,9	Other manufacturing industries.....	160.5	164.6	161.4	153.5	155.3	123.1	126.7	123.7	115.1	117.3		
393	Musical instruments and parts.....	-	23.1	22.8	19.4	20.0	-	19.0	18.6	15.1	15.8		
	<i>Nondurable Goods</i>												
20	FOOD AND KINDRED PRODUCTS.....	1,792.6	1,758.8	1,685.7	1,797.0	1,749.3	1,211.4	1,181.6	1,114.3	1,213.3	1,169.9		
201	Meat products.....	(*)	352.1	339.7	355.7	349.4	(*)	291.1	278.6	293.1	287.5		
2011	Meat packing plants.....	-	179.9	178.3	184.4	183.5	-	144.3	142.3	147.5	147.3		
2013	Sausages and other prepared meats.....	-	60.9	60.3	62.2	61.9	-	44.7	44.2	45.6	45.3		
2015	Poultry dressing plants.....	-	111.3	101.1	109.1	104.0	-	102.1	92.1	100.0	94.9		
202	Dairy products.....	236.3	236.4	228.8	241.2	240.5	116.7	117.5	111.9	117.9	117.5		
2024	Ice cream and frozen desserts.....	-	28.9	26.4	29.8	29.2	-	16.9	14.9	16.0	15.8		
2026	Fluid milk.....	-	161.1	157.7	164.2	164.2	-	64.8	63.0	64.9	64.9		
203	Canned, cured, and frozen foods.....	-	268.6	238.3	300.1	262.3	-	221.1	191.7	249.7	213.8		
2031,6	Canned, cured, and frozen sea foods....	-	42.8	39.5	41.7	39.9	-	38.0	34.8	36.2	34.4		
2032,3	Canned food, except sea foods.....	-	133.4	110.1	166.2	128.8	-	105.5	82.5	136.6	100.6		
2037	Frozen fruits and vegetables.....	-	58.8	57.8	56.1	61.0	-	51.9	51.1	48.6	53.8		
204	Grain mill products.....	137.4	132.6	138.4	137.8	137.8	-	97.9	94.1	99.3	98.5		
2041	Flour and other grain mill products.....	-	27.4	26.9	28.0	27.5	-	19.9	19.5	20.7	20.4		
2042	Prepared feeds for animals and fowls....	-	68.9	65.9	69.3	69.8	-	46.5	44.0	47.1	47.1		
205	Bakery products.....	277.7	277.1	271.3	275.1	272.8	163.2	161.9	156.7	162.8	160.4		
2051	Bread, cake, and related products.....	-	231.9	227.7	228.8	228.1	-	125.9	122.2	125.5	124.7		
2052	Cookies and crackers.....	-	45.2	43.6	46.3	44.7	-	36.0	34.5	37.3	35.7		
206	Sugar.....	-	29.9	29.8	28.2	26.7	-	21.1	21.1	21.0	19.5		
207	Confectionery and related products.....	(*)	72.8	72.6	73.4	77.3	(*)	56.8	57.1	58.3	61.9		
2071	Confectionery products.....	-	56.0	55.2	56.4	60.2	-	44.4	44.0	45.5	48.9		
208	Beverages.....	(*)	240.0	229.9	244.2	240.6	(*)	121.2	111.7	121.6	119.2		
2082	Malt liquors.....	-	56.1	54.4	58.3	57.9	-	38.0	36.2	39.7	39.2		
2086	Bottled and canned soft drinks.....	-	136.8	129.8	139.7	137.6	-	53.6	47.2	52.1	51.1		
209	Misc. foods and kindred products.....	144.9	144.5	142.7	140.7	141.9	92.3	93.0	91.4	89.6	91.6		
21	TOBACCO MANUFACTURES.....	66.9	65.2	64.8	61.9	67.9	55.0	53.5	52.8	48.6	55.9		
211	Cigarettes.....	-	41.6	40.6	36.8	40.6	-	33.8	32.7	28.0	33.0		
212	Cigars.....	-	14.2	14.5	14.3	16.1	-	12.7	12.9	12.7	14.5		
22	TEXTILE MILL PRODUCTS.....	978.7	1,007.5	989.8	948.6	968.2	859.3	887.0	870.0	830.9	850.4		
221	Weaving mills, cotton.....	213.0	214.6	211.6	210.8	212.3	193.1	195.6	192.7	191.3	192.9		
222	Weaving mills, synthetics.....	(*)	99.1	97.9	92.8	95.4	(*)	88.3	86.8	82.0	84.5		
223	Weaving and finishing mills, wool.....	(*)	30.0	29.3	28.9	31.7	(*)	25.5	24.8	23.8	26.5		
224	Narrow fabric mills.....	(*)	30.4	30.5	29.2	30.1	(*)	26.8	26.9	25.6	26.6		
225	Knitting mills.....	254.2	263.0	258.3	243.8	249.7	222.8	231.2	226.1	213.7	219.7		
2251	Women's hosiery, except socks.....	-	55.3	54.7	56.9	58.0	-	48.8	48.1	51.2	52.3		
2252	Hosiery, n e c.....	-	36.6	35.5	35.4	35.9	-	32.9	31.9	31.6	32.1		
2253	Knit outerwear mills.....	-	84.0	82.3	72.9	75.2	-	72.9	71.1	62.8	65.1		
2254	Knit underwear mills.....	-	33.7	33.3	30.6	31.2	-	29.8	29.3	26.9	27.5		

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

54

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971	July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971
<i>Nondurable Goods--Continued</i>											
TEXTILE MILL PRODUCTS--Continued											
226	Textile finishing, except wool	90.3	91.6	89.7	84.7	85.6	76.8	77.9	76.0	71.6	72.3
227	Floor covering mills	-	59.5	57.6	53.0	55.0	-	47.6	46.5	41.4	43.4
228	Yarn and thread mills	(*)	144.1	141.2	133.9	135.5	(*)	132.2	129.6	122.9	124.5
229	Miscellaneous textile goods	73.3	75.2	73.7	71.5	72.9	60.0	61.9	60.6	58.6	60.0
APPAREL AND OTHER TEXTILE PRODUCTS											
23	Men's and boys' suits and coats	1,285.4	1,374.5	1,361.3	1,304.1	1,372.3	1,114.6	1,200.3	1,187.8	1,134.6	1,201.5
231	Men's and boys' furnishings	102.8	109.5	108.4	102.9	109.6	89.7	96.0	94.6	90.1	95.9
232	Men's and boys' shirts and nightwear ..	(*)	405.1	398.9	380.9	390.2	(*)	355.2	349.8	335.1	344.5
2321	Men's and boys' separate trousers	-	126.7	123.9	119.2	121.4	-	112.3	109.8	105.9	108.2
2327	Men's and boys' work clothing	-	82.4	84.1	83.0	85.5	-	73.5	75.0	74.3	76.7
2328	Women's and misses' outerwear	(*)	91.8	89.9	82.6	85.0	(*)	79.9	78.1	71.4	73.8
233	Women's and misses' blouses and waists ..	(*)	405.6	406.0	394.9	428.6	(*)	358.1	358.3	345.4	378.2
2331	Women's and misses' dresses	-	43.4	42.3	36.7	47.4	-	38.9	37.8	31.7	42.4
2335	Women's and misses' suits and coats	-	190.7	196.6	188.6	208.1	-	171.6	177.2	168.7	187.4
2337	Women's and misses' outerwear, n e c	-	75.0	67.0	81.9	77.3	-	65.4	57.5	70.9	66.3
2339	Women's and children's undergarments ..	-	96.5	100.1	87.7	95.8	-	82.2	85.8	74.1	82.1
234	Women's and children's underwear	112.2	114.5	112.7	107.7	112.4	96.5	98.8	97.2	92.3	97.5
2341	Corsets and allied garments	-	81.0	79.6	76.1	79.7	-	70.9	69.7	66.5	70.1
2342	Hats, caps, and millinery	-	33.5	33.1	31.6	32.7	-	27.9	27.5	25.8	27.4
235	Children's outerwear	-	17.9	17.8	16.0	16.0	-	15.9	15.7	14.2	14.2
236	Children's dresses and blouses	(*)	78.0	76.3	76.0	80.1	(*)	69.5	67.8	67.8	71.7
2361	Fur goods and miscellaneous apparel	-	31.1	30.6	32.2	34.5	-	28.3	27.7	29.0	31.2
237,8	Misc. fabricated textile products	-	73.3	70.3	70.6	73.1	-	63.0	60.2	59.4	62.3
239	Housefurnishings	(*)	170.6	170.9	155.1	162.3	(*)	143.8	144.2	130.3	137.2
2391,2	Housefurnishings	-	69.4	68.8	63.3	64.3	-	59.8	59.1	54.1	54.8
PAPER AND ALLIED PRODUCTS											
26	Paper and pulp mills	700.6	710.7	695.7	677.7	690.2	539.2	549.5	535.0	516.0	528.3
261,2,6	Paperboard mills	(*)	213.2	208.1	208.7	212.6	(*)	166.2	161.2	160.1	163.8
263	Misc. converted paper products	73.1	73.6	71.9	69.1	69.7	58.5	59.1	57.3	53.7	54.2
264	Bags, except textile bags	196.5	198.1	194.4	185.5	188.8	143.4	144.9	141.6	133.4	136.7
2643	Paperboard containers and boxes	-	42.5	41.9	40.6	42.0	-	34.4	33.8	31.7	33.1
265	Folding and setup paperboard boxes	221.8	225.8	221.3	214.4	219.1	175.3	179.3	174.9	168.8	173.6
2651,2	Corrugated and solid fiber boxes	-	63.8	62.3	61.9	64.5	-	52.3	50.7	50.3	52.8
2653	Sanitary food containers	-	110.2	108.4	103.3	104.7	-	84.6	82.9	78.5	80.0
2654	Sanitary food containers	-	31.5	31.0	30.8	31.1	-	25.9	25.4	24.9	25.3
PRINTING AND PUBLISHING											
27	Newspapers	1,087.2	1,096.6	1,091.3	1,082.2	1,088.6	659.0	666.6	665.2	658.0	665.5
271	Periodicals	375.9	376.9	374.4	370.2	370.3	179.9	181.5	181.3	178.9	180.1
272	Books	-	70.0	70.0	71.4	70.7	-	20.8	21.3	22.3	20.8
273	Commercial printing, ex. lithographic	-	103.5	103.6	101.8	102.8	-	57.9	58.4	55.8	56.9
275	Commercial printing, lithographic	347.3	349.7	349.1	345.4	349.2	265.0	267.0	266.9	264.7	267.8
2751	Commercial printing, lithographic	-	208.7	207.4	207.0	209.1	-	162.1	161.1	161.3	162.7
2752	Commercial printing, lithographic	-	129.3	129.6	126.9	128.4	-	96.2	96.8	94.9	96.4
278	Blankbooks and bookbinding	56.2	56.2	55.3	55.5	55.9	47.0	46.7	45.9	45.8	46.3
274,6,7,9	Other publishing & printing ind.	(*)	140.3	138.9	137.9	139.7	(*)	92.7	91.4	90.5	93.6
CHEMICALS AND ALLIED PRODUCTS											
28	Industrial chemicals	1,011.4	1,013.8	1,003.1	1,018.2	1,022.9	584.5	589.5	580.6	583.5	589.2
281	Alkalies and chlorine	306.2	305.7	303.0	312.7	314.3	166.0	166.9	164.7	169.8	171.4
2812	Industrial organic chemicals, n e c	-	20.0	20.0	20.8	21.3	-	13.8	13.7	14.0	14.4
2818	Industrial inorganic chemicals, n e c	-	124.6	123.2	126.4	126.6	-	56.3	55.5	55.6	56.2
2819	Plastics materials and synthetics	-	97.4	95.9	99.7	99.6	-	55.4	53.9	57.7	57.4
282	Plastics materials and resins	212.6	212.3	209.9	209.9	209.6	145.1	145.0	143.1	140.6	140.7
2821	Synthetic fibers	-	86.4	85.5	86.7	86.6	-	53.8	53.5	53.1	53.2
2823,4	Drugs	(*)	113.2	111.8	109.7	109.4	-	82.2	80.8	78.2	78.1
283	Pharmaceutical preparations	(*)	149.8	148.3	151.2	151.0	(*)	74.6	73.3	73.9	74.0
2834	Soap, cleaners, and toilet goods	-	117.8	116.7	119.1	119.0	-	57.3	56.3	57.3	57.6
284	Toilet preparations, ex. lithographic	124.0	125.6	121.1	124.4	124.3	70.3	71.9	67.7	69.5	70.4
2841	Toilet preparations	-	42.1	40.6	42.1	42.2	-	27.6	25.9	27.1	27.4
2844	Paints and allied products	-	50.7	48.2	50.0	49.8	-	27.7	25.5	26.3	26.8
285	Agricultural chemicals	70.3	69.6	68.3	69.2	69.4	39.2	38.8	37.6	38.7	38.8
287	Fertilizers, complete & mixing only	54.1	56.5	59.4	52.9	55.4	31.9	34.2	37.4	31.2	33.4
2871,2	Other chemical products	-	38.7	41.4	35.9	38.2	-	26.0	28.9	23.1	25.1
286,9	Explosives	94.4	94.3	93.1	97.9	98.9	58.1	58.1	56.8	59.8	60.5
2892	Explosives	-	22.1	22.1	24.2	25.2	-	14.8	14.7	16.3	17.1
PETROLEUM AND COAL PRODUCTS											
29	Petroleum refining	194.0	193.0	189.4	193.7	192.6	121.1	119.8	116.4	120.2	118.9
291	Other petroleum and coal products	154.3	153.5	151.5	155.7	154.7	92.0	90.8	89.1	92.8	91.6
295,9	Other petroleum and coal products	39.7	39.5	37.9	38.0	37.9	29.1	29.0	27.3	27.4	27.3

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees					Production workers ¹				
		July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971	July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971
<i>Nondurable Goods--Continued</i>											
30	RUBBER AND PLASTICS PRODUCTS, N E C	623.5	634.8	618.6	577.4	585.0	483.4	495.5	480.2	443.3	449.8
301	Tires and inner tubes.....	132.8	132.7	130.7	126.8	126.6	93.9	94.4	92.5	90.3	89.3
302,3,6	Other rubber products.....	178.1	181.6	178.3	170.1	171.3	140.1	143.9	140.9	132.3	134.1
302	Rubber footwear.....	-	27.7	27.3	26.0	26.6	-	23.8	23.4	22.4	22.9
307	Miscellaneous plastics products.....	312.6	320.5	309.6	280.5	287.1	249.4	257.2	246.8	220.7	226.4
31	LEATHER AND LEATHER PRODUCTS...	303.9	319.8	312.9	300.0	314.9	261.0	275.2	269.0	254.7	268.6
311	Leather tanning and finishing.....	25.9	26.5	25.9	25.7	26.3	22.3	22.9	22.5	22.2	22.7
314	Footwear, except rubber.....	(*)	213.7	209.5	200.3	211.2	(*)	186.7	182.6	172.8	183.1
312,3,5-7,9	Other leather products.....	(*)	79.6	77.5	74.0	77.4	(*)	65.6	63.9	59.7	62.8
316	Luggage.....	-	16.9	16.3	15.9	16.3	-	12.9	12.6	12.1	12.6
317	Handbags and personal leather goods.....	-	35.5	34.6	33.2	34.5	-	30.1	29.2	27.8	29.1
	TRANSPORTATION AND PUBLIC UTILITIES.....	4,579	4,582	4,521	4,534	4,549	3,957	3,962	3,905	3,926	3,944
40	RAILROAD TRANSPORTATION.....	-	585.1	575.5	616.4	615.9	-	-	-	-	-
4011	Class I railroads ²	-	529.0	519.8	554.8	553.6	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT.....	-	256.4	266.3	246.8	269.3	-	-	-	-	-
411	Local and suburban transportation.....	-	65.7	66.0	68.6	69.6	-	61.6	61.7	64.4	65.4
412	Taxicabs.....	-	99.4	100.0	103.8	105.6	-	-	-	-	-
413	Intercity highway transportation.....	-	42.3	41.9	45.5	44.4	-	38.7	38.3	41.8	40.8
42	TRUCKING AND WAREHOUSING.....	-	1152.5	1122.6	1133.9	1128.7	-	1040.8	1011.3	1023.2	1017.7
421,3	Trucking and trucking terminals.....	-	1070.7	1040.0	1048.2	1042.7	-	971.3	941.0	949.4	943.9
422	Public warehousing.....	-	81.8	82.6	85.7	86.0	-	69.5	70.3	73.8	73.8
45	TRANSPORTATION BY AIR.....	-	335.8	332.4	336.3	334.7	-	-	-	-	-
451,2	Air transportation.....	-	307.1	304.2	309.1	307.9	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	18.7	17.7	18.7	18.6	-	14.7	13.7	14.8	14.6
44,47	OTHER TRANSPORTATION AND SERVICES	-	320.9	327.4	306.7	325.4	-	-	-	-	-
44	Water transportation.....	-	216.5	223.9	196.8	216.2	-	-	-	-	-
47	Transportation services.....	-	104.4	103.5	109.9	109.2	-	-	-	-	-
48	COMMUNICATION.....	-	1167.1	1152.8	1142.5	1135.9	-	907.8	897.2	896.4	891.3
481	Telephone communication.....	-	983.2	971.1	977.9	972.9	-	772.7	764.1	773.2	769.3
482	Telegraph communication ³	-	(*)	24.9	(*)	(*)	-	(*)	16.8	(*)	(*)
483	Radio and television broadcasting.....	-	131.4	129.7	133.1	132.0	-	106.3	104.7	108.5	107.6
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	745.1	726.1	732.2	720.9	-	637.4	619.5	628.5	618.4
491	Electric companies and systems.....	-	312.0	304.6	303.4	297.2	-	266.7	259.7	259.2	253.6
492	Gas companies and systems.....	-	175.2	170.7	173.8	171.2	-	149.1	144.7	147.9	145.6
493	Combination companies and systems.....	-	195.5	190.7	195.0	193.8	-	166.9	162.7	168.5	167.5
494-7	Water, steam, & sanitary systems.....	-	62.4	59.9	60.0	58.7	-	54.7	52.4	52.9	51.7
-	WHOLESALE AND RETAIL TRADE.....	15,703	15,788	15,592	15,132	15,192	13,934	14,024	13,843	13,427	13,486
50	WHOLESALE TRADE.....	4,011	4,001	3,926	3,877	3,860	3,361	3,353	3,283	3,239	3,223
501	Motor vehicles & automotive equipment.....	-	360.6	352.9	342.1	339.2	-	292.0	285.4	276.5	274.3
502	Drugs, chemicals, and allied products.....	-	237.7	235.9	236.7	238.3	-	193.2	191.4	190.1	191.5
503	Dry goods and apparel.....	-	155.2	152.6	151.7	152.9	-	122.1	119.4	119.8	120.9
504	Groceries and related products.....	-	589.8	565.4	564.1	558.2	-	518.5	494.0	492.7	488.0
506	Electrical goods.....	-	359.8	355.6	347.5	344.3	-	306.7	303.9	293.1	290.6
507	Hardware; plumbing & heating equipment.....	-	180.3	176.8	173.9	172.6	-	153.4	150.4	147.5	145.9
508	Machinery, equipment, and supplies.....	-	737.2	726.3	723.0	720.9	-	618.4	609.8	609.4	607.2
509	Miscellaneous wholesalers.....	-	1283.5	1265.3	1252.5	1247.1	-	1,068.5	1050.6	1039.8	1033.6
52-59	RETAIL TRADE.....	11,692	11,787	11,666	11,255	11,332	10,573	10,671	10,560	10,188	10,263
53	RETAIL GENERAL MERCHANDISE.....	-	2360.8	2356.6	2276.7	2294.3	-	2163.0	2159.6	2081.5	2100.1
531	Department stores.....	-	1542.0	1538.5	1495.2	1507.1	-	1416.1	1414.3	1369.6	1381.7
532	Mail order houses.....	-	112.7	114.9	115.4	115.3	-	104.7	106.7	106.9	107.1
533	Variety stores.....	-	327.5	330.7	307.2	313.6	-	302.8	305.5	282.2	288.8
54	FOOD STORES.....	-	1843.4	1838.1	1748.3	1760.8	-	1711.9	1707.0	1624.7	1636.5
541-3	Grocery, meat, and vegetable stores.....	-	1670.2	1665.1	1583.7	1592.0	-	1550.4	1545.3	1470.9	1479.2

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971	July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES....	--	722.5	719.9	704.4	722.8	--	642.1	638.6	625.6	643.0
561	Men's & boys' clothing & furnishings.....	--	128.4	126.8	124.1	126.3	--	114.0	112.0	110.4	112.9
562	Women's ready-to-wear stores.....	--	276.0	276.2	265.8	271.7	--	247.5	247.9	237.9	242.8
565	Family clothing stores.....	--	100.0	98.8	101.5	103.8	--	92.6	91.5	93.5	95.9
566	Shoe stores.....	--	147.0	146.0	143.8	147.8	--	124.9	123.4	122.6	126.5
57	FURNITURE AND HOME FURNISHINGS STORES	--	476.7	472.5	458.1	458.1	--	414.0	409.1	396.9	397.1
571	Furniture and home furnishings.....	--	300.5	297.4	291.4	291.9	--	260.0	256.8	250.3	251.4
58	EATING AND DRINKING PLACES.....	--	2,758.7	2,699.8	2,610.1	2,628.5	--	2,591.4	2,535.9	2,448.3	2,465.5
52,55,59	OTHER RETAIL TRADE.....	--	3,624.8	3,579.5	3,457.1	3,467.7	--	3,148.5	3,109.4	3,010.9	3,020.4
52	Building materials and farm equipment....	--	588.0	568.7	565.9	560.1	--	508.2	489.3	488.7	482.8
55	Automotive dealers & service stations....	--	1,713.8	1,682.5	1,651.4	1,646.8	--	--	--	--	--
551,2	Motor vehicle dealers.....	--	773.6	766.7	757.2	755.0	--	648.4	643.4	637.0	635.3
553,9	Other automotive & accessory dealers....	--	271.0	264.6	254.8	253.3	--	231.4	225.1	219.2	217.8
554	Gasoline service stations.....	--	669.2	651.2	639.4	638.5	--	--	--	--	--
59	Miscellaneous retail stores.....	--	1,323.0	1,328.3	1,239.8	1,260.8	--	--	--	--	--
591	Drug stores and proprietary stores.....	--	470.6	468.0	447.8	454.2	--	423.1	421.1	400.6	406.2
594	Book and stationery stores.....	--	62.6	62.1	59.8	61.5	--	53.5	53.4	50.9	52.5
596	Farm and garden supply stores.....	--	113.7	117.5	104.5	107.8	--	--	--	--	--
598	Fuel and ice dealers.....	--	105.2	106.1	104.6	105.8	--	89.9	90.7	89.9	91.1
FINANCE, INSURANCE, AND REAL ESTATE⁴											
		3,986	3,965	3,913	3,867	3,837	3,130	3,110	3,062	3,052	3,027
60	Banking.....	--	1,114.4	1,097.6	1,093.0	1,083.4	--	903.5	887.9	895.2	885.9
61	Credit agencies other than banks.....	--	402.1	396.5	382.8	378.3	--	312.9	307.5	298.4	294.5
612	Savings and loan associations.....	--	133.8	130.9	120.6	118.3	--	108.4	105.4	96.7	94.6
614	Personal credit institutions.....	--	195.0	193.3	192.6	191.3	--	--	--	--	--
62	Security, commodity brokers & services.....	--	212.7	211.6	212.5	210.3	--	179.7	178.9	180.9	178.9
63	Insurance carriers.....	--	1,093.7	1,086.5	1,078.6	1,072.1	--	753.3	747.8	749.0	745.1
631	Life insurance.....	--	562.0	559.3	561.4	559.1	--	329.1	327.0	331.6	331.0
632	Accident and health insurance.....	--	99.8	99.3	97.5	97.0	--	84.5	84.2	84.1	83.8
633	Fire, marine, and casualty insurance....	--	377.4	374.8	370.2	367.5	--	293.8	292.0	292.2	290.2
64	Insurance agents, brokers, and service....	--	292.9	289.6	283.1	282.7	--	--	--	--	--
65	Real estate.....	--	757.0	739.6	729.0	722.6	--	--	--	--	--
655	Subdividers and developers.....	--	125.3	120.0	115.4	115.4	--	--	--	--	--
656	Operative builders.....	--	56.2	53.7	52.5	50.6	--	--	--	--	--
66,67	Other finance, insurance, & real estate....	--	92.0	91.6	88.4	87.1	--	--	--	--	--
SERVICES											
		12,573	12,519	12,401	12,040	12,050	11,369	11,355	11,231	10,899	10,918
70	Hotels and other lodging places.....	--	872.8	809.4	878.1	810.7	--	--	--	--	--
701	Hotels, tourist courts, and motels.....	--	718.6	676.2	726.8	705.8	--	667.5	626.3	675.7	656.7
72	Personal services.....	--	934.6	930.6	939.6	958.4	--	--	--	--	--
721	Laundries and dry cleaning plants.....	--	454.6	452.6	478.7	483.8	--	412.6	409.6	434.5	438.7
722	Photographic studios.....	--	39.2	40.2	36.5	36.2	--	35.0	36.0	31.8	31.4
73	Miscellaneous business services.....	--	1,725.5	1,710.7	1,631.9	1,637.2	--	--	--	--	--
731	Advertising.....	--	119.7	118.7	118.9	118.4	--	--	--	--	--
732	Credit reporting and collection.....	--	82.0	81.2	79.6	78.9	--	--	--	--	--
734	Services to buildings.....	--	325.8	321.5	300.6	303.8	--	--	--	--	--
76	Miscellaneous repair services.....	--	181.4	177.4	180.5	181.4	--	--	--	--	--
78	Motion pictures.....	--	198.6	193.4	206.9	200.3	--	--	--	--	--
781	Motion picture filming & distributing....	--	49.7	47.9	49.7	47.4	--	32.0	30.0	32.0	30.5
782,3	Motion picture theaters and services.....	--	148.9	145.5	157.2	152.9	--	--	--	--	--
80	Medical and other health services.....	--	3,439.5	3,396.9	3,270.4	3,254.0	--	--	--	--	--
806	Hospitals.....	--	2,026.5	2,008.9	1,976.2	1,965.0	--	1,854.8	1,837.7	1,808.8	1,798.6
81	Legal services.....	--	270.6	257.6	257.6	253.3	--	--	--	--	--
82	Educational services.....	--	1,125.0	1,230.1	998.3	1,109.4	--	--	--	--	--
821	Elementary and secondary schools.....	--	403.7	417.3	337.5	399.4	--	--	--	--	--
822	Colleges and universities.....	--	592.6	677.4	545.1	588.6	--	--	--	--	--
89	Miscellaneous services.....	--	709.3	696.7	679.1	673.9	--	--	--	--	--
891	Engineering & architectural services....	--	333.4	323.6	314.3	312.0	--	--	--	--	--
892	Nonprofit research agencies.....	--	116.6	115.5	110.2	110.1	--	--	--	--	--

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971	July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971
.	GOVERNMENT	12,794	13,357	13,434	12,338	12,933	-	-	-	-	-
91	FEDERAL GOVERNMENT⁵	2,650	2,659	2,662	2,688	2,674	-	-	-	-	-
	Executive	-	2,617.6	2,621.1	2,647.6	2,634.5	-	-	-	-	-
	Department of Defense	-	988.4	987.9	1,001.4	999.7	-	-	-	-	-
	Postal Service	-	694.2	698.8	709.8	714.1	-	-	-	-	-
	Other agencies	-	935.0	934.4	936.4	920.7	-	-	-	-	-
	Legislative	-	33.6	32.7	32.3	32.2	-	-	-	-	-
	Judicial	-	8.2	8.2	7.8	7.7	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,144	10,698	10,772	9,650	10,259	-	-	-	-	-
92	State government	-	2,894.7	2,934.8	2,652.6	2,759.4	-	-	-	-	-
	State education	-	1,196.9	1,273.3	982.7	1,128.6	-	-	-	-	-
	Other State government	-	1,697.8	1,661.5	1,669.9	1,630.8	-	-	-	-	-
93	Local government	-	7,803.1	7,837.1	6,997.5	7,499.9	-	-	-	-	-
	Local education	-	4,299.6	4,482.8	3,561.3	4,173.3	-	-	-	-	-
	Other local government	-	3,503.5	3,354.3	3,436.2	3,326.6	-	-	-	-	-

¹ Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

³ Data for nonsupervisory workers exclude messengers.

⁴ Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

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

^p Not available.

^p=preliminary.

ESTABLISHMENT DATA
WOMEN EMPLOYEES

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B-3: Women employees on nonagricultural payrolls, by industry

SIC Code	Industry	April 1972		January 1972		April 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	TOTAL	26,991	38	26,514	38	26,200	37
-	PRIVATE SECTOR	21,152	36	20,807	36	20,551	36
-	MINING	37	6	36	6	37	6
10	METAL MINING	2.9	3	2.9	3	2.7	3
11,12	COAL MINING	2.2	2	2.1	1	2.4	2
13	OIL AND GAS EXTRACTION	26.3	10	25.9	10	26.5	10
131,2	Crude petroleum and natural gas fields	18.2	13	17.9	13	18.4	13
138	Oil and gas field services	8.1	7	8.0	6	8.1	7
14	NONMETALLIC MINERALS, EXCEPT FUELS	5.3	5	5.0	5	5.2	5
142	Crushed and broken stone	1.9	5	1.8	5	1.9	5
144	Sand and gravel	1.7	5	1.6	5	1.6	4
	CONTRACT CONSTRUCTION	169	5	169	6	167	5
15	GENERAL BUILDING CONTRACTORS	48.1	5	48.4	6	47.0	5
16	HEAVY CONSTRUCTION CONTRACTORS	28.3	5	27.8	5	27.5	4
161	Highway and street construction	9.8	4	9.7	5	9.7	3
162	Heavy construction, n e c	18.5	5	18.1	5	17.8	5
17	SPECIAL TRADE CONTRACTORS	92.9	6	92.9	6	92.0	6
171	Plumbing, heating, air conditioning	29.1	8	28.6	7	28.3	7
172	Painting, paper hanging, decorating	7.1	7	7.1	7	7.4	7
173	Electrical work	15.3	5	15.1	5	15.3	6
174	Masonry, stonework, and plastering	8.2	4	8.2	4	8.1	4
176	Roofing and sheet metal work	6.4	6	6.5	6	6.5	6
	MANUFACTURING	5,268	28	5,177	28	5,142	28
19,24,25,32-39	DURABLE GOODS	2,169	20	2,120	20	2,083	20
20-23,26-31	NONDURABLE GOODS	3,099	39	3,057	39	3,059	39
	<i>Durable Goods</i>						
19	ORDNANCE AND ACCESSORIES	40.6	22	41.0	22	45.0	23
192	Ammunition, except for small arms	29.2	23	29.7	23	33.7	25
1925	Complete guided missiles	15.2	17	14.9	17	15.4	17
1929	Ammunition, exc. for small arms, n e c	14.0	39	14.8	40	18.3	40
24	LUMBER AND WOOD PRODUCTS	63.7	11	61.1	10	57.7	10
241	Logging camps, & logging contractors	2.6	4	2.6	4	2.4	4
242	Sawmills and planing mills	12.3	6	12.2	6	11.6	6
2421	Sawmills and planing mills, general	8.7	5	8.7	5	8.4	5
243	Millwork, plywood & related products	22.1	11	21.2	11	19.9	11
2431	Millwork	12.1	14	11.6	14	10.7	14
2432	Veneer and plywood	7.9	10	7.8	10	7.2	10
244	Wooden containers	5.7	20	5.6	20	5.6	19
2441,2	Wooden boxes, shooks, and crates	4.8	20	4.7	20	4.6	19
249	Miscellaneous wood products	21.0	22	19.5	22	18.2	21
25	FURNITURE AND FIXTURES	123.9	26	121.8	25	112.5	25
251	Household furniture	98.3	28	96.4	28	87.4	27
2511	Wood household furniture	44.2	25	43.8	25	38.7	24
2512	Upholstered household furniture	31.3	31	30.4	31	27.5	31
2515	Mattresses and bedsprings	11.0	29	11.0	29	10.4	29
252	Office furniture	6.1	17	6.0	17	5.1	16
254	Partitions and fixtures	6.1	13	5.9	12	6.0	12
253,9	Other furniture and fixtures	13.4	29	13.5	29	14.0	30
32	STONE, CLAY, AND GLASS PRODUCTS	105.7	16	102.4	17	101.0	16
321	Flat glass	1.6	7	1.6	6	1.7	7
322	Glass and glassware, pressed or blown	43.2	33	41.4	33	41.7	33
3221	Glass containers	26.6	36	25.1	35	26.4	36
3229	Pressed and blown glass n e c	16.6	30	16.3	30	15.3	28
324	Cement, hydraulic	1.2	4	1.2	4	1.2	4
325	Structural clay products	6.9	12	6.9	12	6.5	12
3251	Brick and structural clay tile	1.3	5	1.3	5	1.2	5
326	Pottery and related products	13.6	33	13.0	32	13.1	32
327	Concrete, gypsum, and plaster products	11.1	6	10.9	6	10.6	6
328,9	Other stone and nonmetallic mineral products	20.0	15	19.4	15	18.5	14
3291	Abrasive products	5.3	20	5.2	20	5.0	20

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1972		January 1972		April 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
33	PRIMARY METAL INDUSTRIES	85.7	7	85.0	7	88.2	7
331	Blast furnace and basic steel products	25.4	4	24.8	5	27.6	4
3312	Blast furnaces and steel mills	19.1	4	18.6	4	21.1	4
332	Iron and steel foundries	9.8	5	9.7	5	11.0	5
3321	Gray iron foundries	5.2	4	5.2	4	5.3	4
3322	Malleable iron foundries	1.0	4	1.0	4	1.0	4
3323	Steel foundries	3.6	6	3.5	7	4.7	8
333,4	Nonferrous metals	3.2	4	3.2	4	3.5	4
3334	Primary aluminum	.7	3	.7	3	.8	3
335	Nonferrous rolling and drawing	31.3	15	31.5	16	31.6	15
3351	Copper rolling and drawing	3.0	8	3.1	8	3.1	8
3352	Aluminum rolling and drawing	6.5	10	6.4	10	6.9	10
3357	Nonferrous wire drawing and insulating	19.1	24	19.3	24	18.7	24
336	Nonferrous foundries	11.4	14	11.2	14	9.8	13
3361	Aluminum castings	4.8	11	4.6	11	4.2	11
3362,9	Other nonferrous castings	6.6	17	6.6	17	5.6	15
339	Miscellaneous primary metal products	4.6	7	4.6	7	4.7	7
3391	Iron and steel forgings	2.3	5	2.4	5	2.5	6
34	FABRICATED METAL PRODUCTS	249.3	18	241.8	18	239.2	18
341	Metal cans	11.8	17	11.7	17	12.3	17
342	Cutlery, hand tools, and hardware	51.1	33	49.6	33	48.0	32
3421,3,5	Cutlery and hand tools, incl. saws	17.3	27	16.6	27	15.7	26
3429	Hardware, n e c	33.8	37	33.0	37	32.3	36
343	Plumbing and heating, except electric	14.4	17	14.1	17	13.4	17
3431,2	Sanitary ware & plumbers' brass goods	7.6	19	7.5	19	7.2	19
3433	Heating equipment, except electric	6.8	15	6.6	15	6.2	15
344	Fabricated structural metal products	45.7	11	43.5	11	41.9	10
3441	Fabricated structural steel	5.5	5	5.5	5	5.6	5
3442	Metal doors, sash, and trim	17.1	24	15.2	22	14.5	22
3443	Fabricated plate work (boiler shops)	8.1	7	8.1	7	7.9	7
3444	Sheet metal work	10.2	13	10.0	13	9.3	12
3446,9	Architectural and misc. metal work	4.8	10	4.7	10	4.6	10
345	Screw machine products, bolts, etc.	19.8	20	18.9	20	19.2	20
3451	Screw machine products	10.0	23	9.3	22	9.4	23
3452	Bolts, nuts, rivets, and washers	9.8	18	9.6	18	9.8	19
346	Metal stampings	46.6	21	45.7	20	45.9	21
347	Metal services, n e c	14.8	19	14.4	19	14.5	19
348	Misc. fabricated wire products	17.1	25	16.6	25	16.1	25
349	Misc. fabricated metal products	28.0	17	27.3	17	27.9	18
3494,8	Valves, pipe, and pipe fittings	16.9	17	16.6	17	16.3	17
35	MACHINERY, EXCEPT ELECTRICAL	266.6	15	262.0	15	263.0	15
351	Engines and turbines	15.5	14	16.5	14	16.6	14
3511	Steam engines and turbines	5.1	11	5.2	11	5.0	11
3519	Internal combustion engines, n e c	10.4	16	11.3	16	11.6	16
352	Farm machinery	13.8	10	13.0	10	13.6	11
353	Construction and related machinery	25.2	9	25.4	9	25.9	9
3531,2	Construction and mining machinery	11.5	8	11.5	8	11.9	8
3533	Oil field machinery	4.3	9	4.3	9	4.2	10
3535,6	Conveyors, hoists, cranes, monorails	4.0	10	4.2	11	4.1	11
3537	Industrial trucks and tractors	2.5	8	2.5	8	2.8	9
354	Metal working machinery	31.4	12	30.8	12	30.8	12
3541	Machine tools, metal cutting types	5.1	10	5.0	10	5.0	10
3544	Special dies, tools, jigs & fixtures	7.7	7	7.6	7	7.6	8
3545	Machine tool accessories	8.3	19	8.0	18	8.3	18
3542,8	Misc. metal working machinery	10.3	16	10.2	16	9.9	15
355	Special industry machinery	21.7	12	21.6	12	21.5	12
3551	Food products machinery	4.7	12	4.7	12	4.8	12
3552	Textile machinery	5.2	14	5.1	14	4.6	13
3555	Printing trades machinery	3.3	12	3.5	13	3.7	13
356	General industrial machinery	40.5	16	39.1	16	39.2	16
3561	Pumps and compressors	9.2	13	8.9	13	9.0	13
3562	Ball and roller bearings	10.8	22	10.2	21	10.6	21
3564	Blowers and fans	6.2	19	6.0	19	5.9	19
3566	Power transmission equipment	6.3	13	6.1	13	6.0	13
357	Office and computing machines	63.2	27	62.2	27	64.4	26
3573	Electronic computing equipment	42.1	26	42.0	26	42.3	25
358	Service industry machines	24.8	17	23.7	17	23.1	17
3585	Refrigeration machinery	14.3	15	13.6	15	13.5	15
359	Misc. machinery, except electrical	30.5	14	29.7	14	27.9	14

ESTABLISHMENT DATA
WOMEN EMPLOYEES

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B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1972		January 1972		April 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>							
36	ELECTRICAL EQUIPMENT AND SUPPLIES	708.3	39	698.4	39	671.7	38
361	Electrical test & distributing equipment	63.4	32	60.8	32	58.0	30
3611	Electric measuring instruments	26.9	42	26.2	42	25.2	41
3612	Transformers	14.6	27	12.9	26	12.0	23
3613	Switchgear and switchboard apparatus	21.9	28	21.7	28	20.8	27
362	Electrical industrial apparatus	66.2	33	63.4	32	61.5	31
3621	Motors and generators	35.7	33	33.8	32	33.0	31
3622	Industrial controls	21.1	39	20.6	39	19.3	37
363	Household appliances	49.9	26	48.4	25	44.7	25
3632	Household refrigerators and freezers	11.1	18	10.7	18	10.6	17
3633	Household laundry equipment	4.6	16	4.6	16	3.9	16
3634	Electric housewares and fans	23.0	47	22.2	46	20.9	47
364	Electric lighting and wiring equipment	81.7	43	79.4	42	75.7	42
3641	Electric lamps	22.5	65	22.2	64	23.1	65
3642	Lighting fixtures	21.8	33	20.6	33	19.8	32
3643,4	Wiring devices	37.4	41	36.6	41	32.8	39
365	Radio and TV receiving equipment	73.4	53	74.0	53	69.9	53
366	Communication equipment	148.6	35	149.0	35	156.7	35
3661	Telephone and telegraph apparatus	65.1	45	65.5	45	72.7	46
3662	Radio and TV communication equipment	83.5	30	83.5	30	84.0	29
367	Electronic components and accessories	184.0	53	182.0	53	169.4	51
3671-3	Electron tubes	24.0	45	23.7	45	25.8	46
3674,9	Other electronic components	160.0	55	158.3	55	143.6	53
369	Misc. electrical equipment & supplies	41.1	33	41.4	33	35.8	32
3694	Engine electrical equipment	24.8	37	24.5	37	19.3	34
37	TRANSPORTATION EQUIPMENT	178.1	10	172.4	10	177.9	10
371	Motor vehicles and equipment	74.5	8	72.6	8	75.1	9
3711	Motor vehicles	25.1	6	24.1	6	25.7	7
3712	Passenger car bodies	2.4	4	2.4	4	2.4	4
3713	Truck and bus bodies	2.6	7	2.5	7	2.5	7
3714	Motor vehicle parts and accessories	43.3	11	42.5	11	43.3	12
3715	Truck trailers	1.1	5	1.1	5	1.2	6
372	Aircraft and parts	69.3	14	68.7	14	74.5	14
3721	Aircraft	38.1	14	38.5	14	40.8	14
3722	Aircraft engines and engine parts	17.8	13	17.9	13	20.1	13
3723,9	Other aircraft parts and equipment	13.4	15	12.3	14	13.6	14
373	Ship and boat building and repairing	10.9	6	9.8	6	9.6	6
3731	Ship building and repairing	6.3	5	5.8	4	5.5	4
3732	Boat building and repairing	4.6	11	4.4	11	4.1	11
374	Railroad equipment	3.6	7	3.8	7	3.5	7
375,9	Other transportation equipment	19.8	14	17.5	14	15.2	13
38	INSTRUMENTS AND RELATED PRODUCTS	164.2	37	161.0	37	152.6	36
381	Engineering & scientific instruments	16.0	25	15.6	25	14.4	24
382	Mechanical measuring & control devices	36.4	37	35.6	36	34.2	35
3821	Mechanical measuring devices	19.7	32	19.2	31	18.3	30
3822	Automatic temperature controls	16.7	45	16.4	45	15.9	44
383,5	Optical and ophthalmic goods	22.4	43	21.2	42	20.5	41
385	Ophthalmic goods	18.1	50	17.0	48	16.4	48
384	Medical instruments and supplies	44.4	49	44.1	49	40.8	48
386	Photographic equipment and supplies	26.2	25	26.1	25	25.4	24
387	Watches, clocks, and watchcases	18.8	62	18.4	62	17.3	61
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	182.8	44	173.2	43	173.9	43
391	Jewelry, silverware, and plated ware	20.8	40	20.3	40	19.5	40
394	Toys and sporting goods	58.0	51	52.9	50	55.0	50
3941-3	Games, toys, dolls, & play vehicles	31.7	55	28.0	53	31.4	54
3949	Sporting and athletic goods, n e c	26.3	48	24.9	48	23.6	46
395	Pens, pencils, office and art supplies	16.6	51	15.6	50	15.7	51
396	Costume jewelry and notions	28.8	51	28.5	51	30.6	54
393,9	Other manufacturing industries	58.6	36	55.9	35	53.1	34
393	Musical instruments and parts	9.3	41	9.1	42	7.5	38
<i>Nondurable Goods</i>							
20	FOOD AND KINDRED PRODUCTS	415.4	25	422.3	25	413.8	25
201	Meat products	96.2	28	96.4	28	92.7	28
2011	Meat packing plants	24.0	14	24.1	13	24.6	14
2013	Sausages and other prepared meats	16.9	28	17.6	29	17.3	28
2015	Poultry dressing plants	55.3	55	54.7	54	50.8	54
202	Dairy products	37.6	17	36.9	16	38.9	17
2024	Ice cream and frozen desserts	5.8	23	5.3	23	6.1	23

ESTABLISHMENT DATA
WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1972		January 1972		April 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	FOOD AND KINDRED PRODUCTS-- Continued						
2026	Fluid milk	22.3	14	21.9	14	22.8	14
203	Canned, cured, and frozen foods	94.4	40	96.8	41	95.0	41
2031,6	Canned, cured, and frozen sea foods	20.5	57	22.4	59	22.0	59
2032,3	Canned food, except sea foods	34.6	32	34.3	31	31.5	30
2037	Frozen fruits and vegetables	29.1	48	29.2	48	29.6	49
204	Grain mill products	19.7	15	19.6	15	18.8	14
2041	Flour and other grain mill products	3.3	12	3.4	12	3.0	11
2042	Prepared feeds for animals and fowls	9.2	14	9.3	14	8.8	13
205	Bakery products	66.0	24	65.7	24	66.6	25
2051	Bread, cake, and related products	45.6	20	44.4	20	45.4	20
2052	Cookies and crackers	20.4	46	21.3	47	21.2	47
206	Sugar	2.7	9	3.0	8	2.5	9
207	Confectionery and related products	34.4	48	38.9	50	35.3	47
2071	Confectionery products	27.5	50	32.0	53	29.1	49
208	Beverages	28.8	13	29.1	13	28.6	12
2082	Malt liquors	3.5	6	3.6	7	3.7	7
2086	Bottled and canned soft drinks	12.6	10	12.5	10	12.3	10
209	Misc. foods and kindred products	35.6	25	35.9	25	35.4	25
21	TOBACCO MANUFACTURES	28.4	43	31.1	44	28.5	41
211	Cigarettes	14.0	35	14.3	35	13.1	32
212	Cigars	10.2	70	10.4	70	11.3	69
22	TEXTILE MILL PRODUCTS	453.0	46	443.3	46	436.1	46
221	Weaving mills, cotton	86.5	41	86.3	41	87.9	41
222	Weaving mills, synthetics	37.4	38	36.2	37	34.1	36
223	Weaving and finishing mills, wool	10.4	36	9.9	35	11.5	36
224	Narrow fabric mills	17.8	59	18.0	59	17.5	59
225	Knitting mills	169.5	66	164.5	66	160.6	67
2251	Women's hosiery, except socks	42.2	78	43.7	78	45.2	78
2252	Hosiery, n e c	25.5	72	24.9	73	24.9	72
2253	Knit outerwear mills	58.1	71	53.7	71	51.3	72
2254	Knit underwear mills	23.2	70	22.7	70	21.7	71
226	Textile finishing, except wool	24.0	27	23.4	27	22.3	27
227	Floor covering mills	20.5	35	19.8	35	19.2	35
228	Yarn and thread mills	66.4	47	64.8	47	63.2	47
229	Miscellaneous textile goods	20.5	28	20.4	28	19.8	28
23	APPAREL AND OTHER TEXTILE PRODUCTS	1106.4	81	1078.4	81	1104.8	81
231	Men's and boys' suits and coats	79.7	74	82.2	74	76.5	73
232	Men's and boys' furnishings	335.5	84	327.5	84	320.3	84
2321	Men's and boys' shirts and nightwear	107.5	88	105.3	87	102.8	88
2327	Men's and boys' separate trousers	69.0	81	69.1	80	68.6	81
2328	Men's and boys' work clothing	76.3	85	73.8	84	70.9	84
233	Women's and misses' outerwear	353.3	86	342.0	85	376.3	85
2331	Women's and misses' blouses and waists	37.9	89	36.7	88	42.4	88
2335	Women's and misses' dresses	178.6	87	165.8	86	194.3	87
2337	Women's and misses' suits and coats	50.2	79	55.0	77	54.3	78
2339	Women's and misses' outerwear, n e c	86.6	86	84.5	86	85.3	85
234	Women's and children's undergarments	98.8	88	96.1	87	97.3	87
2341	Women's and children's underwear	70.3	88	67.8	88	69.6	88
2342	Corsets and allied garments	28.5	86	28.3	86	27.7	85
235	Hats, caps, and millinery	12.1	70	11.7	70	12.1	72
236	Children's outerwear	65.4	87	64.5	87	64.7	87
2361	Children's dresses and blouses	27.2	90	27.3	90	30.0	90
237,8	Fur goods and miscellaneous apparel	53.7	76	51.1	76	53.8	77
239	Misc. fabricated textile products	107.9	63	103.3	63	103.8	64
2391,2	Housefurnishings	49.2	71	47.8	71	46.6	72
26	PAPER AND ALLIED PRODUCTS	139.6	20	138.3	20	141.9	21
261,2,6	Paper and pulp mills	21.3	10	21.5	10	22.6	11
263	Paperboard mills	5.3	7	5.3	7	5.3	8
264	Misc. converted paper products	64.5	33	63.8	33	64.4	35
2643	Bags, except textile bags	13.4	32	13.6	32	13.5	32
265	Paperboard containers and boxes	48.5	22	47.7	22	49.6	23
2651,2	Folding and setup paperboard boxes	19.2	31	19.7	32	20.7	32
2653	Corrugated and solid fiber boxes	14.6	14	14.4	14	14.5	14
2654	Sanitary food containers	9.7	32	9.2	31	9.9	32

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1972		January 1972		April 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>							
27	PRINTING AND PUBLISHING	359.3	33	355.6	33	352.8	32
271	Newspapers.....	101.1	27	100.2	27	97.8	27
272	Periodicals.....	34.1	49	34.6	49	35.0	48
273	Books.....	51.3	49	50.2	49	49.6	48
275	Commercial printing.....	95.5	27	94.1	27	94.4	27
2751	Commercial printing, ex. lithographic.....	57.2	28	56.6	27	56.5	27
2752	Commercial printing, lithographic.....	34.4	27	34.0	26	33.8	26
278	Blankbooks and bookbinding.....	27.5	50	27.1	50	27.0	50
274,6,7,9	Other publishing & printing ind.....	49.8	36	49.4	36	49.0	35
28	CHEMICALS AND ALLIED PRODUCTS	203.6	20	203.3	20	206.1	20
281	Industrial chemicals.....	32.8	11	34.9	11	34.0	11
2812	Alkalies and chlorines.....	1.5	8	1.6	8	1.6	8
2818	Industrial organic chemicals, n e c.....	15.4	13	17.3	14	16.3	13
2819	Industrial inorganic chemicals, n e c.....	9.9	10	9.9	10	9.9	10
282	Plastics materials and synthetics.....	37.0	18	36.1	17	35.0	17
2821	Plastics materials and resins.....	7.6	9	7.5	9	7.7	9
2823,4	Synthetic fibers.....	28.5	26	27.6	25	26.3	24
283	Drugs.....	56.8	38	56.6	38	57.1	38
2834	Pharmaceutical preparations.....	46.9	40	46.7	40	47.3	40
284	Soap, cleaners, and toilet goods.....	43.9	36	42.9	36	44.2	36
2841	Soap and other detergents.....	9.4	23	9.2	22	8.9	21
2844	Toilet preparations.....	24.8	53	24.2	52	25.6	52
285	Paints and allied products.....	10.6	16	10.6	16	10.9	16
287	Agricultural chemicals.....	6.0	10	5.8	11	6.1	10
2871,2	Fertilizers, complete & mixing only.....	3.2	8	3.0	8	3.2	7
286,9	Other chemical products.....	16.5	18	16.4	17	18.8	19
2892	Explosives.....	3.8	17	3.9	17	5.7	21
29	PETROLEUM AND COAL PRODUCTS	17.1	9	16.6	9	18.2	10
291	Petroleum refining.....	13.0	9	12.6	9	14.2	9
295,9	Other petroleum and coal products.....	4.1	11	4.0	11	4.0	11
30	RUBBER AND PLASTICS PRODUCTS, NEC	195.6	32	188.3	32	179.4	31
301	Tires and inner tubes.....	11.9	9	11.6	9	11.3	9
302,3,6	Other rubber products.....	61.3	34	60.8	34	57.4	34
302	Rubber footwear.....	15.7	58	16.3	59	15.6	59
307	Miscellaneous plastics products.....	122.4	40	115.9	40	110.7	40
31	LEATHER AND LEATHER PRODUCTS	180.7	59	179.3	59	176.9	58
311	Leather tanning and finishing.....	3.7	14	3.5	14	3.4	13
314	Footwear, except rubber.....	132.5	64	132.5	64	130.8	64
312,3,5-7,9	Other leather products.....	44.5	59	43.3	58	42.7	57
316	Luggage.....	8.7	54	7.8	53	8.0	49
317	Handbags and personal leather goods.....	22.9	69	23.1	68	22.1	67
-	TRANSPORTATION AND PUBLIC UTILITIES	938	21	952	21	944	21
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.2	13	33.9	12	30.2	11
411	Local and suburban transportation.....	4.6	7	4.7	7	4.8	7
412	Taxicabs.....	5.0	5	5.0	5	4.8	5
413	Intercity highway transportation.....	3.8	9	3.9	9	4.0	9
42	TRUCKING AND WAREHOUSING	101.6	9	102.5	9	98.9	9
421,3	Trucking and trucking terminals.....	89.6	9	89.7	9	87.7	9
422	Public warehousing.....	12.0	14	12.8	14	11.2	13
45	TRANSPORTATION BY AIR	83.1	25	82.6	25	83.7	25
451,2	Air transportation.....	80.3	27	79.9	27	81.2	27
46	PIPE LINE TRANSPORTATION	1.3	7	1.4	8	1.4	8
44	WATER TRANSPORTATION	15.1	7	13.8	6	15.5	7
47	TRANSPORTATION SERVICES	22.5	22	22.8	23	23.4	22
48	COMMUNICATION	545.4	47	540.8	49	556.7	49
481	Telephone communication.....	500.2	52	495.6	53	511.4	53
483	Radio and television broadcasting.....	31.3	24	31.3	24	31.1	24
49	ELECTRIC, GAS, AND SANITARY SERVICES	108.4	15	107.0	15	105.6	15
491	Electric companies and systems.....	44.6	15	44.2	15	42.8	15
492	Gas companies and systems.....	28.5	17	28.1	17	28.2	17

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1972		January 1972		April 1971	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd						
493	Combination companies and systems	27.4	14	27.0	14	27.1	14
494-7	Water, steam, & sanitary systems	7.9	13	7.7	13	7.5	13
	WHOLESALE AND RETAIL TRADE	6,066	39	6,010	39	5,914	39
	WHOLESALE TRADE	883	23	877	23	864	23
501	Motor vehicles & automotive equipment	67.2	19	66.9	19	64.0	19
502	Drugs, chemicals, and allied products	80.9	34	80.1	34	83.5	35
503	Dry goods and apparel	71.7	47	70.1	46	70.6	47
504	Groceries and related products	116.2	21	113.8	21	112.9	21
506	Electrical goods	82.7	23	85.4	25	80.9	24
507	Hardware; plumbing & heating equipment	40.8	23	40.1	23	39.1	23
508	Machinery, equipment, and supplies	132.6	18	130.3	18	128.5	18
509	Miscellaneous wholesalers	272.2	22	269.1	22	270.3	22
52-59	RETAIL TRADE	5,183	45	5,133	45	5,050	45
	RETAIL GENERAL MERCHANDISE	1,593.6	68	1,652.9	68	1,571.1	69
531	Department stores	1,052.5	69	1,097.7	69	1,026.6	69
532	Mail order houses	69.2	60	76.9	59	70.7	61
533	Variety stores	251.9	76	255.7	77	257.2	80
54	FOOD STORES	652.5	36	644.1	36	618.1	35
541-3	Grocery, meat, and vegetables stores	548.0	33	542.7	33	517.6	33
56	APPAREL AND ACCESSORY STORES	471.0	66	484.3	65	476.5	65
561	Men's & boys' clothing & furnishings	50.5	40	55.2	41	52.6	42
562	Women's ready-to-wear stores	242.4	89	246.4	88	236.1	88
565	Family clothing stores	66.4	67	69.0	67	69.9	68
566	Shoe stores	56.5	38	56.2	38	61.3	38
57	FURNITURE AND HOME FURNISHINGS STORES	136.8	29	137.7	29	134.7	30
571	Furniture and home furnishings	90.4	30	90.2	31	89.1	31
58	EATING AND DRINKING PLACES	1,443.6	54	1,337.8	54	1,402.7	55
52,55,59	OTHER RETAIL TRADE	885.1	25	876.1	25	846.7	25
52	Building materials and farm equipment	93.9	17	92.9	17	89.4	17
55	Automotive dealers & service stations	200.9	12	197.0	12	187.4	12
551,2	Motor vehicle dealers	88.3	12	87.1	11	83.7	11
553,9	Other automotive & accessory dealers	36.2	14	35.3	14	33.0	14
59	Miscellaneous retail stores	590.3	45	586.2	45	569.9	45
591	Drug stores and proprietary stores	282.8	61	281.9	61	274.1	61
594	Book and stationery stores	28.8	46	29.4	46	28.6	45
596	Farm and garden supply stores	26.6	22	23.1	21	24.3	21
598	Fuel and ice dealers	19.4	18	20.0	17	19.7	18
-	FINANCE, INSURANCE, AND REAL ESTATE	2,016	52	1,995	52	1,951	52
60	Banking	694.1	64	689.9	63	677.9	64
61	Credit agencies other than banks	223.8	56	219.8	56	208.7	56
612	Savings and loan associations	87.1	67	84.6	67	76.7	67
614	Personal credit institutions	94.2	48	93.1	48	92.8	49
62	Security, commodity brokers & services	74.1	35	72.0	35	71.0	34
63	Insurance carriers	562.6	52	558.3	52	553.3	52
631	Life insurance	249.2	44	249.2	45	248.8	45
632	Accident and health insurance	69.9	71	68.6	70	69.1	72
633	Fire, marine, and casualty insurance	211.6	56	209.9	57	207.7	57
64	Insurance agents, brokers, and service	168.4	59	167.2	59	160.4	58
65	Real estate	245.9	34	241.7	35	235.8	35
655	Subdividers and developers	22.5	21	22.0	22	20.0	20
656	Operative builders	8.2	16	8.2	17	7.9	18
66,67	Other finance, insurance, & real estate	46.6	51	45.6	51	43.8	51
	SERVICES	6,658	54	6,488	54	6,396	54
	Hotels and other lodging places:						
701	Hotels, tourist courts, and motels	341.9	52	314.9	51	339.1	51
72	Personal services	570.5	62	564.1	61	579.8	61
721	Laundries and dry cleaning plants	292.2	65	295.5	65	312.4	66
722	Photographic studios	26.4	65	24.8	63	22.9	59

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1972		January 1972		April 1972	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	SERVICES - Continued						
73	Miscellaneous business services	572.4	34	560.7	34	535.7	33
731	Advertising	50.6	43	49.5	43	50.0	42
732	Credit reporting and collection	56.6	71	56.1	71	54.7	70
734	Services to buildings	107.7	34	104.9	34	98.1	33
76	Miscellaneous repair services	26.5	15	26.0	14	25.9	14
78	Motion pictures	71.0	37	67.4	37	72.2	37
781	Motion picture filming & distributing	15.2	35	16.3	33	16.4	35
782,3	Motion picture theaters and services	55.8	38	51.1	39	55.8	38
80	Medical and other health services	2,714.0	80	2,680.5	81	2,580.1	81
806	Hospitals	1,608.3	80	1,596.3	80	1,567.5	81
81	Legal services	164.4	64	160.9	63	153.6	63
82	Educational services	589.0	48	561.6	47	579.4	48
821	Elementary and secondary schools	250.8	60	247.7	60	247.0	60
822	Colleges and universities	278.1	41	262.3	40	276.8	41
89	Miscellaneous services	172.9	25	168.8	24	164.1	25
891	Engineering & architectural services	46.6	15	45.8	15	45.2	14
892	Nonprofit research agencies	34.9	30	34.0	30	32.6	30
-	GOVERNMENT	5,839	44	5,707	43	5,649	44
91	FEDERAL GOVERNMENT	720	27	709	27	713	27
92,93	STATE AND LOCAL GOVERNMENT	5,119	48	4,998	47	4,936	48
92	State government	1,232.5	42	1,182.3	42	1,160.8	41
	State education	533.3	42	498.5	41	488.2	41
	Other State government	699.2	42	683.8	42	672.6	42
	Local government	3,886.8	50	3,815.7	50	3,775.1	50
	Local education	2,809.4	63	2,752.9	63	2,734.5	63
	Other local government	1,077.4	32	1,062.8	32	1,040.6	33

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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B-5: Employees on nonagricultural payrolls, by industry, seasonally adjusted

Industry division and group	(In thousands)												
	1972						1971						
	July p	June p	May	Apr.	Mar.	Feb.	Jan	Dec.	Nov.	Oct.	Sept.	Aug.	July
TOTAL	72,565	72,647	72,558	72,263	72,030	71,729	71,584	71,185	71,042	70,848	70,853	70,529	70,531
GOODS-PRODUCING	22,648	22,835	22,831	22,706	22,662	22,538	22,545	22,418	20,448	22,371	22,482	22,285	22,358
MINING	597	598	602	603	613	612	616	607	525	521	616	609	597
CONTRACT CONSTRUCTION	3,153	3,242	3,256	3,233	3,272	3,236	3,320	3,245	3,320	3,290	3,250	3,219	3,228
MANUFACTURING	18,898	18,995	18,973	18,870	18,777	18,690	18,609	18,566	18,603	18,560	18,616	18,457	18,533
DURABLE GOODS	10,834	10,862	10,857	10,770	10,696	10,637	10,574	10,548	10,572	10,561	10,597	10,485	10,552
Ordnance and accessories	193	190	187	185	183	182	183	184	186	189	190	191	191
Lumber and wood products	610	608	608	608	604	603	604	600	601	597	591	583	579
Furniture and fixtures	491	490	489	486	484	481	478	474	470	467	465	456	461
Stone, clay, and glass products	653	657	655	646	645	641	640	632	634	631	633	627	625
Primary metal industries	1,209	1,218	1,226	1,219	1,213	1,187	1,186	1,176	1,178	1,187	1,182	1,156	1,226
Fabricated metal products	1,383	1,376	1,377	1,365	1,356	1,345	1,336	1,331	1,339	1,341	1,346	1,331	1,335
Machinery, except electrical	1,833	1,833	1,826	1,802	1,792	1,798	1,784	1,793	1,797	1,791	1,794	1,775	1,770
Electrical equipment	1,824	1,850	1,841	1,828	1,812	1,803	1,792	1,793	1,791	1,793	1,791	1,772	1,773
Transportation equipment	1,762	1,763	1,778	1,764	1,743	1,736	1,716	1,719	1,732	1,720	1,758	1,754	1,751
Instruments and related products	451	451	447	441	439	438	436	434	436	437	435	430	431
Miscellaneous manufacturing	425	426	423	426	425	423	419	412	408	408	412	410	410
NONDURABLE GOODS	8,064	8,133	8,116	8,100	8,081	8,053	8,035	8,018	8,031	7,999	8,019	7,972	7,981
Food and kindred products	1,757	1,761	1,750	1,751	1,757	1,749	1,757	1,748	1,750	1,728	1,755	1,748	1,762
Tobacco manufactures	75	74	74	75	73	71	71	69	71	69	72	70	69
Textile mill products	989	995	995	989	988	981	979	974	970	963	960	959	959
Apparel and other textile products	1,329	1,360	1,364	1,376	1,365	1,365	1,353	1,357	1,370	1,365	1,361	1,351	1,349
Paper and allied products	699	702	702	697	692	689	688	690	691	693	694	681	676
Printing and publishing	1,088	1,096	1,097	1,093	1,092	1,090	1,090	1,084	1,084	1,085	1,082	1,080	1,083
Chemicals and allied products	1,001	1,007	1,006	1,000	1,002	1,003	1,003	1,005	1,008	1,008	1,008	1,004	1,008
Petroleum and coal products	188	189	190	190	191	192	188	191	189	189	190	188	188
Rubber and plastics products, nec	631	633	623	617	612	604	600	594	592	594	591	582	584
Leather and leather products	307	316	315	312	309	309	306	306	306	305	306	309	303
SERVICE-PRODUCING	49,917	49,812	49,727	49,557	49,368	49,191	49,039	48,767	48,594	48,477	48,371	48,244	48,173
TRANSPORTATION AND PUBLIC UTILITIES	4,520	4,532	4,539	4,522	4,536	4,479	4,502	4,465	4,434	4,442	4,460	4,428	4,476
WHOLESALE AND RETAIL TRADE	15,730	15,729	15,671	15,647	15,518	15,495	15,447	15,315	15,278	15,270	15,273	15,223	15,158
Wholesale trade	3,967	3,977	3,970	3,949	3,941	3,913	3,902	3,884	3,874	3,873	3,865	3,844	3,835
Retail trade	11,763	11,752	11,701	11,698	11,577	11,582	11,545	11,431	11,404	11,397	11,408	11,379	11,323
FINANCE, INSURANCE, AND REAL ESTATE	3,923	3,934	3,921	3,897	3,890	3,879	3,872	3,860	3,851	3,834	3,821	3,804	3,806
SERVICES	12,449	12,358	12,303	12,254	12,217	12,177	12,120	12,089	12,044	11,996	11,962	11,946	11,921
Hotels and other lodging places	—	834	813	806	814	813	813	801	785	784	796	760	755
Personal services	—	920	926	927	929	933	932	932	941	937	938	935	933
Medical and other health services	—	3,416	3,414	3,385	3,369	3,352	3,336	3,323	3,306	3,297	3,283	3,260	3,241
Educational services	—	1,172	1,183	1,187	1,185	1,171	1,160	1,165	1,168	1,165	1,160	1,139	1,142
GOVERNMENT	13,295	13,259	13,293	13,237	13,207	13,161	13,098	13,038	12,987	12,935	12,855	12,843	12,812
FEDERAL	2,606	2,625	2,670	2,669	2,669	2,672	2,672	2,669	2,669	2,675	2,674	2,650	2,643
STATE AND LOCAL	10,689	10,634	10,623	10,568	10,538	10,489	10,423	10,369	10,318	10,260	10,181	10,193	10,169

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

**B-6: Production or nonsupervisory workers on private nonagricultural payrolls,
seasonally adjusted**

Industry division and group	1972							1971					
	July p	June p	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
TOTAL	49,027	49,177	49,055	48,848	48,634	48,409	48,357	48,027	47,959	47,824	47,925	47,640	47,669
GOODS-PRODUCING	16,841	17,013	17,000	16,891	16,845	16,729	16,755	16,613	16,642	16,570	16,678	16,502	16,565
MINING	447	449	455	455	465	464	465	457	376	374	466	460	447
CONTRACT CONSTRUCTION	2,592	2,680	2,693	2,666	2,703	2,668	2,763	2,682	2,761	2,734	2,697	2,671	2,678
MANUFACTURING	13,802	13,884	13,852	13,770	13,677	13,597	13,527	13,474	13,505	13,462	13,515	13,371	13,440
DURABLE GOODS	7,872	7,897	7,886	7,815	7,741	7,685	7,629	7,594	7,614	7,600	7,630	7,534	7,594
Ordnance and accessories	96	95	92	91	89	89	90	90	92	93	94	94	93
Lumber and wood products	526	523	523	523	520	519	520	516	519	515	509	503	500
Furniture and fixtures	405	406	403	402	400	397	395	391	388	384	383	375	380
Stone, clay, and glass products	522	524	523	515	514	511	510	502	504	502	502	497	496
Primary metal industries	962	969	977	969	961	937	934	920	922	932	926	901	965
Fabricated metal products	1,061	1,054	1,054	1,043	1,034	1,024	1,016	1,011	1,018	1,020	1,026	1,016	1,016
Machinery, except electrical	1,218	1,216	1,207	1,185	1,174	1,178	1,168	1,174	1,177	1,171	1,175	1,159	1,156
Electrical equipment	1,222	1,246	1,237	1,224	1,212	1,205	1,192	1,191	1,189	1,190	1,185	1,167	1,169
Transportation equipment	1,256	1,258	1,272	1,265	1,243	1,234	1,219	1,221	1,230	1,216	1,251	1,248	1,244
Instruments and related products	270	273	268	265	262	261	260	259	261	261	260	256	257
Miscellaneous manufacturing	334	333	330	333	332	330	325	319	314	316	319	318	318
NONDURABLE GOODS	5,930	5,987	5,966	5,955	5,936	5,912	5,898	5,880	5,891	5,862	5,885	5,837	5,846
Food and kindred products	1,186	1,190	1,177	1,180	1,183	1,177	1,183	1,175	1,177	1,156	1,185	1,179	1,188
Tobacco manufactures	63	62	62	62	61	58	58	57	58	56	58	56	56
Textile mill products	870	875	874	870	869	862	862	855	851	845	842	841	841
Apparel and other textile products	1,157	1,186	1,191	1,201	1,191	1,190	1,180	1,185	1,198	1,193	1,189	1,180	1,179
Paper and allied products	538	541	540	535	532	529	528	529	530	532	533	520	515
Printing and publishing	662	667	669	667	666	666	666	661	661	663	661	658	661
Chemicals and allied products	582	585	581	577	576	578	581	580	581	581	582	577	582
Petroleum and coal products	116	116	116	116	117	119	114	118	116	116	116	115	115
Rubber and plastics products, nec	491	494	485	479	476	468	464	459	458	460	458	447	450
Leather and leather products	265	271	271	268	265	265	262	261	261	260	261	264	259
SERVICE-PRODUCING	32,186	32,164	32,055	31,957	31,789	31,680	31,602	31,414	31,317	31,254	31,247	31,138	31,104
TRANSPORTATION AND PUBLIC UTILITIES	3,895	3,915	3,925	3,914	3,923	3,866	3,897	3,860	3,831	3,839	3,860	3,836	3,864
WHOLESALE AND RETAIL TRADE	13,966	13,969	13,928	13,902	13,766	13,748	13,694	13,577	13,555	13,544	13,549	13,507	13,457
WHOLESALE TRADE	3,318	3,330	3,326	3,306	3,299	3,267	3,258	3,243	3,233	3,231	3,222	3,211	3,197
RETAIL TRADE	10,648	10,639	10,602	10,596	10,467	10,481	10,436	10,334	10,322	10,313	10,327	10,296	10,260
FINANCE, INSURANCE, AND REAL ESTATE	3,069	3,082	3,071	3,050	3,048	3,041	3,037	3,029	3,027	3,015	3,006	2,985	2,992
SERVICES	11,256	11,198	11,131	11,091	11,052	11,025	10,974	10,948	10,904	10,856	10,832	10,810	10,791

¹ For coverage of series, see footnote 1, table B-2.
p-preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971
1	ALABAMA	1,040.1	1,035.1	1,028.0	8.1	7.9	8.2	51.6	50.1	54.1	321.7	318.7	324.0
2	Birmingham	266.7	266.1	267.1	5.1	5.1	5.3	17.1	16.2	16.8	67.1	67.0	72.3
3	Huntsville	81.8	81.1	79.0	(1)	(1)	(1)	2.7	2.7	2.7	13.9	13.7	13.3
4	Mobile	103.0	103.4	104.2	(1)	(1)	(1)	6.3	6.3	6.5	23.2	23.0	24.0
5	Montgomery	73.0	73.0	70.9	(1)	(1)	(1)	5.3	5.3	5.7	10.8	10.6	10.7
6	Tuscaloosa	40.1	40.0	38.6	(1)	(1)	(1)	2.5	2.5	2.7	11.3	11.0	11.0
7	ALASKA	108.3	100.7	102.2	2.4	2.3	2.6	8.1	6.6	7.9	13.4	9.1	11.9
8	ARIZONA	620.4	621.1	576.7	22.7	22.4	22.0	49.9	49.2	44.5	95.1	94.4	88.9
9	Phoenix	364.7	367.3	339.8	.4	.4	.4	28.8	28.6	25.5	72.5	72.2	67.9
10	Tucson	120.9	121.4	113.0	7.0	7.0	7.3	11.4	11.2	10.8	9.7	9.6	8.8
11	ARKANSAS	565.0	554.7	550.4	4.3	4.2	4.4	26.7	24.9	29.0	178.3	175.8	171.7
12	Fayetteville	26.9	27.9	26.3	(1)	(1)	(1)	1.2	1.3	1.4	8.2	8.0	7.6
13	Fort Smith	48.3	48.6	47.2	.5	.5	.6	1.9	1.8	2.5	17.8	17.7	17.3
14	Little Rock-North Little Rock	133.0	130.1	128.4	(1)	(1)	(1)	10.9	9.6	9.4	27.9	27.6	27.5
15	Pine Bluff	24.0	23.8	23.7	(1)	(1)	(1)	.8	.8	.8	5.6	5.6	5.7
16	CALIFORNIA	7,137.9	7,064.6	6,966.0	29.2	29.1	30.6	296.2	291.3	299.5	1,506.3	1,492.1	1,470.1
17	Anaheim-Santa Ana-Garden Grove	441.1	434.9	417.0	2.0	2.0	1.9	23.8	22.8	20.7	118.9	117.9	113.6
18	Bakersfield	95.5	92.7	93.8	6.0	6.0	6.4	3.5	3.4	3.6	7.9	7.5	8.0
19	Fresno	128.8	125.9	123.0	.7	.7	.7	5.9	5.7	5.6	19.1	18.5	17.9
20	Los Angeles-Long Beach	2,856.3	2,839.6	2,802.8	10.5	10.4	10.5	89.5	88.8	96.4	780.5	777.0	750.5
21	Modesto	57.1	55.3	54.5	.1	.1	.1	4.4	4.2	3.8	13.9	12.6	13.1
22	Oxnard-Simi Valley-Ventura	98.9	98.2	93.8	1.7	1.7	1.6	4.7	4.6	4.5	13.1	12.9	12.5
23	Riverside-San Bernardino-Ontario	306.2	305.3	299.4	2.2	2.2	2.6	13.5	13.4	14.3	52.4	51.6	51.8
24	Sacramento	276.3	274.4	269.1	.1	.1	.1	14.8	14.2	13.0	20.8	21.1	21.5
25	Salinas-Seaside-Monterey	68.3	66.1	65.7	.5	.5	.5	2.6	2.5	2.3	7.3	7.5	7.0
26	San Diego	407.7	400.5	395.5	.5	.5	.5	22.7	20.2	22.0	57.3	57.1	61.3
27	San Francisco-Oakland	1,247.9	1,239.1	1,239.3	1.5	1.8	1.7	57.3	57.6	58.7	186.3	184.6	189.6
28	San Jose	387.9	382.8	374.9	.1	.1	.1	17.3	17.6	18.0	116.3	113.6	113.8
29	Santa Barbara-Santa Maria-Lompoc	82.8	83.0	81.2	.9	.9	.9	3.5	3.3	3.4	9.3	9.6	9.5
30	Santa Rosa	55.1	54.3	53.1	.3	.3	.3	2.7	2.5	2.6	7.2	7.2	7.0
31	Stockton	92.3	90.2	90.3	.1	.1	.1	4.9	4.7	4.3	16.9	17.4	16.9
32	Vallejo-Fairfield-Napa	72.4	71.4	71.3	.2	.2	.2	3.0	2.7	2.6	7.3	6.9	7.7
33	COLORADO	811.7	798.4	774.6	13.3	13.3	13.7	46.6	45.5	46.2	122.3	120.6	117.5
34	Denver	513.1	509.3	497.1	5.5	5.4	5.3	29.5	29.9	30.6	87.8	87.2	85.4
35	CONNECTICUT	1,188.7	1,180.1	1,181.6	(2)	(2)	(2)	58.7	55.7	60.1	400.5	396.3	402.3
36	Bridgeport	144.4	143.9	147.2	(2)	(2)	(2)	4.6	5.1	5.8	61.6	60.8	63.4
37	Hartford	318.5	316.9	319.0	(2)	(2)	(2)	15.8	15.2	16.2	81.9	81.9	87.6
38	New Britain	44.5	43.8	43.8	(2)	(2)	(2)	1.9	1.8	1.9	21.7	21.3	21.6
39	New Haven	157.4	157.6	157.1	(2)	(2)	(2)	8.3	8.2	8.7	38.3	38.3	39.6
40	Stamford	83.5	82.2	82.7	(2)	(2)	(2)	3.8	3.6	3.8	27.1	27.0	27.1
41	Waterbury	78.5	77.6	78.3	(2)	(2)	(2)	4.1	3.9	3.8	33.7	33.3	34.4
42	DELAWARE	219.1	216.8	216.1	(1)	(1)	(1)	14.7	14.6	14.2	70.4	69.9	69.5
43	Wilmington	196.2	194.1	194.3	(1)	(1)	(1)	14.3	14.0	13.8	64.9	64.7	65.9
44	DISTRICT OF COLUMBIA ³	688.5	683.7	694.8	(1)	(1)	(1)	15.4	17.7	19.3	17.5	17.6	17.9
45	Washington SMSA	1,231.9	1,216.2	1,215.3	(1)	(1)	(1)	69.6	69.8	72.9	44.4	44.1	44.9
46	FLORIDA	2,283.4	2,286.3	2,199.1	9.3	9.1	9.2	171.1	167.2	166.8	322.2	323.4	314.5
47	Fort Lauderdale-Hollywood	190.2	190.1	178.4	(1)	(1)	(1)	23.3	23.0	21.7	21.1	20.9	19.3
48	Jacksonville	194.1	194.2	192.3	(1)	(1)	(1)	12.5	12.6	12.4	24.2	24.3	23.0
49	Miami	527.4	526.9	517.4	(1)	(1)	(1)	31.6	31.6	31.5	79.4	79.1	76.2
50	Orlando	170.1	169.8	153.2	(1)	(1)	(1)	16.4	16.2	21.8	23.2	23.6	20.9
51	Pensacola	71.4	72.3	69.1	(1)	(1)	(1)	6.9	6.8	6.1	14.5	14.5	14.2
52	Tampa-St. Petersburg	332.2	333.9	316.2	(1)	(1)	(1)	30.8	29.9	26.6	54.7	54.6	52.3
53	West Palm Beach	110.1	113.6	107.8	(1)	(1)	(1)	10.8	10.2	10.2	17.7	17.9	19.9
54	GEORGIA	1,615.7	1,602.5	1,580.4	7.1	7.1	6.9	85.2	81.3	84.5	462.5	456.7	457.6
55	Atlanta	636.3	632.4	627.4	(1)	(1)	(1)	34.4	33.1	38.3	111.3	111.9	115.2
56	Augusta	89.2	90.0	87.5	(1)	(1)	(1)	5.2	5.2	5.1	29.9	29.6	29.4
57	Columbus	71.5	71.2	71.1	(1)	(1)	(1)	4.9	4.8	4.9	20.0	19.8	19.4
58	Macon	78.0	77.2	79.0	(1)	(1)	(1)	3.8	3.5	4.5	13.9	13.6	13.7
59	Savannah	68.1	67.2	67.5	(1)	(1)	(1)	4.6	4.5	4.1	15.5	14.8	15.1
60	HAWAII	312.4	303.2	309.7	(1)	(1)	(1)	22.9	22.4	24.2	28.7	24.0	28.3
61	Honolulu	264.2	256.6	263.4	(1)	(1)	(1)	19.3	18.9	20.8	21.5	17.7	21.2

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	
57.3	56.6	55.9	198.9	198.1	194.7	44.7	44.3	43.2	137.9	136.9	136.4	219.9	222.5	211.5	1
19.7	19.5	19.1	61.2	61.1	60.3	17.9	17.9	17.3	39.4	39.1	38.6	39.2	40.2	37.4	2
1.6	1.6	1.6	12.4	12.4	11.9	2.2	2.2	2.2	17.9	17.7	17.2	31.1	30.8	30.1	3
9.3	9.5	9.6	25.9	25.8	25.3	5.2	5.2	5.2	16.6	16.5	16.8	16.5	17.1	16.8	4
4.0	4.0	4.0	17.0	17.0	16.2	4.5	4.5	4.3	12.7	12.8	11.8	18.7	18.8	18.2	5
1.6	1.6	1.6	6.3	6.4	6.2	1.4	1.4	1.4	4.2	3.7	4.3	12.8	13.4	11.4	6
10.7	10.0	10.2	16.6	16.5	16.0	3.6	3.5	3.3	13.5	13.2	12.8	40.0	39.5	37.5	7
32.2	31.9	31.0	143.8	143.7	132.9	36.2	35.9	33.1	104.9	104.0	96.7	135.6	139.6	127.6	8
19.2	19.0	18.4	90.3	90.7	83.8	27.2	26.9	24.8	60.9	61.8	57.8	65.4	67.7	61.2	9
6.4	6.3	6.2	26.9	27.3	24.6	5.5	5.5	5.2	21.7	21.7	20.1	32.3	32.8	30.0	10
33.1	32.9	33.3	113.0	111.2	108.7	24.4	23.7	22.9	78.6	77.3	76.4	106.6	104.7	104.0	11
2.3	2.2	2.2	5.5	5.6	5.2	.6	.6	.6	3.2	3.2	3.2	5.9	7.0	6.1	12
2.8	2.8	2.9	10.7	10.6	9.5	1.7	1.6	1.5	7.1	7.1	7.1	5.8	6.5	5.8	13
9.6	9.6	9.9	28.3	28.1	27.4	9.4	9.3	8.8	20.2	19.8	20.1	26.7	26.1	25.3	14
3.6	3.5	3.3	4.6	4.7	4.8	1.0	1.0	.9	3.2	3.1	3.3	5.2	5.1	4.9	15
460.9	454.2	457.2	1,601.8	1,581.2	1,555.4	410.8	408.4	397.0	1,314.4	1,299.8	1,281.4	1,518.3	1,508.5	1,474.8	16
15.0	14.8	14.7	105.1	104.0	98.9	25.1	24.7	23.0	77.0	74.5	73.9	74.2	74.2	70.3	17
6.4	6.2	6.4	23.7	22.8	23.0	3.9	3.9	3.7	16.4	15.4	15.5	27.7	27.5	27.2	18
8.4	8.0	8.5	33.9	32.1	32.9	5.8	5.8	5.7	22.5	22.3	21.7	32.5	32.8	30.0	19
172.2	170.4	171.7	641.6	636.7	635.0	180.5	179.6	174.4	542.0	537.8	532.1	439.5	438.9	432.2	20
2.7	2.6	2.6	12.9	12.9	12.5	1.4	1.4	1.4	10.4	10.2	10.2	11.3	11.3	10.8	21
4.5	4.6	4.1	24.0	23.6	22.5	3.8	3.8	3.8	16.0	15.9	14.9	31.1	31.1	29.9	22
17.9	17.9	17.2	70.2	69.7	67.9	10.8	10.8	10.7	58.4	59.1	56.9	80.8	80.6	78.0	23
17.8	17.4	17.6	58.0	57.6	54.5	12.0	12.0	11.6	41.5	41.1	39.7	111.3	110.9	111.1	24
4.1	4.0	4.0	18.8	17.7	18.5	2.3	2.3	2.3	13.0	12.7	12.7	19.7	18.9	18.4	25
22.2	21.6	21.1	93.5	92.9	89.0	21.7	21.5	20.3	80.5	78.3	78.3	109.3	108.4	103.0	26
129.8	127.4	129.1	266.0	264.1	262.9	102.5	102.0	99.0	226.2	225.8	222.0	278.3	275.8	276.3	27
18.3	18.0	17.8	75.7	74.9	71.7	15.7	15.5	14.5	78.2	77.7	76.0	66.3	65.4	63.0	28
3.4	3.4	3.4	19.5	19.2	18.7	3.3	3.3	3.3	20.9	20.9	20.2	22.0	22.4	21.8	29
2.9	2.8	2.8	13.5	13.3	13.1	3.7	3.7	3.4	9.9	9.7	9.7	14.9	14.8	14.2	30
6.4	6.3	6.3	20.7	19.2	20.0	3.1	3.1	3.0	15.9	15.4	15.5	24.3	24.0	24.2	31
3.8	3.7	3.6	13.4	13.2	13.0	2.0	2.0	1.9	11.3	11.4	11.3	31.4	31.3	31.0	32
54.8	53.2	52.9	189.1	186.9	180.4	43.0	42.6	41.5	138.9	137.0	137.1	203.7	199.3	185.3	33
37.9	36.9	36.9	125.5	125.2	122.1	31.5	31.4	31.0	92.5	91.7	90.8	102.9	101.6	95.0	34
54.1	53.8	54.5	233.9	231.6	229.8	80.1	79.2	77.5	199.3	201.4	195.5	162.1	162.1	161.9	35
6.2	6.3	6.2	29.0	28.7	29.0	5.0	5.0	4.9	22.1	22.1	22.0	16.0	16.0	16.0	36
12.1	12.0	12.1	63.3	62.8	62.7	48.9	48.5	45.5	50.7	50.6	49.2	45.9	45.8	45.8	37
1.4	1.4	1.5	7.3	7.3	7.3	1.3	1.3	1.3	5.7	5.7	5.7	5.2	5.2	4.5	38
14.4	14.3	14.1	32.9	32.6	32.8	8.6	8.5	8.5	34.3	34.8	33.2	20.5	21.0	20.3	39
3.7	3.6	3.6	17.4	17.2	17.2	5.2	5.1	4.8	18.2	17.6	18.0	8.2	8.1	8.2	40
3.4	3.3	3.2	13.6	13.6	13.6	2.4	2.3	2.3	11.4	11.3	11.2	10.0	9.9	9.7	41
11.1	10.9	11.3	44.9	44.7	44.8	9.7	9.6	9.6	34.1	32.5	33.8	34.2	34.6	32.9	42
11.0	10.8	10.4	38.3	38.2	38.8	8.8	8.8	8.8	29.7	27.9	28.6	29.2	29.7	28.0	43
28.0	28.0	28.5	77.3	76.7	76.1	34.9	34.7	34.4	134.1	135.5	134.1	381.3	373.5	384.5	44
60.4	59.1	60.1	237.9	235.9	229.9	74.7	73.1	71.7	261.8	260.9	257.8	483.1	473.3	478.0	45
170.9	169.2	160.5	599.1	601.9	573.6	146.5	145.0	140.0	427.0	433.2	408.6	437.3	437.3	425.9	46
10.9	10.5	10.3	55.2	56.4	52.1	13.7	13.6	12.7	37.4	37.2	34.8	28.6	28.5	27.5	47
19.9	20.0	20.3	52.5	52.3	52.4	19.7	19.6	19.4	31.3	31.3	31.1	34.0	34.1	33.7	48
58.4	58.4	57.8	139.4	139.7	135.4	37.4	37.2	36.3	119.2	119.3	117.5	62.0	61.6	62.7	49
9.8	9.8	9.1	44.1	44.8	40.7	11.2	11.1	10.4	38.8	38.0	26.1	26.6	26.3	24.2	50
3.5	3.6	3.6	15.4	15.4	15.1	2.9	2.9	2.9	10.4	10.5	9.3	17.8	18.6	17.9	51
23.2	23.0	21.4	92.0	92.5	89.4	21.7	21.4	18.7	62.4	63.5	60.3	47.4	49.0	47.5	52
5.6	5.6	5.2	30.1	30.8	28.3	7.4	7.6	6.9	22.3	24.2	21.5	16.2	17.3	15.8	53
107.7	107.1	105.7	344.4	343.2	336.9	81.6	81.1	81.1	208.4	207.6	196.7	318.8	318.4	311.0	54
61.6	60.9	58.9	178.4	177.2	170.3	47.4	47.3	46.1	100.7	100.4	98.3	102.5	101.9	100.3	55
3.6	3.6	3.7	16.0	15.8	15.4	3.2	3.1	3.1	10.3	10.4	10.2	21.0	22.3	20.6	56
3.0	3.0	3.2	13.1	13.0	13.1	4.2	4.2	4.0	9.3	9.3	9.4	17.0	17.1	17.1	57
3.3	3.2	3.4	15.7	15.5	15.1	4.2	4.1	4.1	9.2	9.4	9.7	27.9	27.9	28.5	58
7.4	7.5	7.7	15.3	15.3	15.4	3.3	3.3	3.3	9.8	9.6	9.6	12.2	12.2	12.3	59
24.5	24.2	24.7	72.6	71.6	71.9	19.9	19.6	19.3	63.6	62.8	61.5	80.2	78.6	79.8	60
20.7	20.4	21.1	61.2	60.6	61.0	18.3	18.0	17.7	53.1	52.5	51.6	70.1	68.5	70.0	61

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971
1	IDAHO	226.4	220.6	217.6	3.0	3.2	3.6	12.0	10.7	11.5	42.2	41.5	41.4
2	Boise City	49.0	47.7	44.7	(1)	(1)	(1)	3.3	3.1	2.7	5.8	5.5	5.2
3	ILLINOIS	4,351.3	4,293.8	4,331.1	24.6	24.0	24.4	194.4	183.0	198.5	1,279.9	1,263.1	1,278.3
4	Chicago ⁴	2,973.4	2,934.8	2,965.8	4.5	4.5	4.6	125.6	120.3	126.1	876.3	867.3	884.2
5	Chicago-Northwestern Indiana	(*)	3,146.4	3,191.6	(*)	4.5	4.7	(*)	129.1	137.6	(*)	966.6	992.2
6	Davenport-Rock Island-Moline	134.1	132.8	131.1	(2)	(2)	(2)	6.8	6.2	6.5	41.6	40.9	39.8
7	Decatur	50.3	50.2	50.2	(2)	(2)	(2)	2.5	2.3	2.6	19.4	19.0	19.2
8	Peoria	130.1	128.7	129.5	(2)	(2)	(2)	8.8	7.8	8.5	45.5	45.0	46.3
9	Rockford	108.5	106.7	106.2	(2)	(2)	(2)	4.7	4.4	4.6	52.2	50.8	50.5
10	Springfield	71.6	70.6	71.5	(2)	(2)	(2)	4.2	3.9	4.1	9.4	9.3	10.6
11	INDIANA	1,890.8	1,878.3	1,849.4	7.1	7.3	7.2	83.4	80.2	77.7	709.3	702.2	692.4
12	Evansville	(*)	90.2	91.8	(*)	1.4	1.4	(*)	4.0	4.1	(*)	33.6	34.9
13	Fort Wayne	(*)	119.7	118.6	(1)	(1)	(1)	(*)	5.0	5.1	(*)	43.5	42.4
14	Gary-Hammond-East Chicago ⁴	(*)	211.1	225.8	(1)	(1)	(1)	(*)	8.8	11.5	(*)	100.0	108.0
15	Indianapolis	(*)	417.0	418.5	(1)	(1)	(1)	(*)	18.3	18.3	(*)	120.9	120.1
16	Muncie	(*)	46.2	46.8	(1)	(1)	(1)	(*)	1.4	1.7	(*)	16.2	17.4
17	South Bend	(*)	93.4	92.5	(1)	(1)	(1)	(*)	4.1	3.9	(*)	30.3	30.2
18	Terre Haute	(*)	56.5	55.4	(*)	1.0	1.1	(*)	2.4	2.8	(*)	15.8	15.8
19	IOWA	923.7	911.3	893.5	3.2	3.1	3.2	44.8	36.3	41.9	219.6	215.8	205.8
20	Cedar Rapids	63.4	62.5	63.1	(1)	(1)	(1)	3.2	2.7	3.4	22.4	21.8	22.6
21	Des Moines	133.8	130.2	132.5	(1)	(1)	(1)	6.2	4.0	6.4	26.0	25.7	24.9
22	Dubuque	35.3	34.6	33.2	(1)	(1)	(1)	1.3	.8	1.6	15.0	14.7	13.7
23	Sioux City	42.2	41.8	41.1	(1)	(1)	(1)	2.4	2.0	2.2	10.8	10.7	10.3
24	Waterloo	51.1	50.9	49.4	(1)	(1)	(1)	2.1	1.9	2.4	18.0	17.9	17.0
25	KANSAS	690.7	686.1	672.6	10.4	10.2	10.2	34.5	32.0	32.3	137.5	135.3	129.5
26	Topeka	65.4	64.0	63.5	.1	.1	.1	3.1	2.9	2.6	9.9	9.9	9.9
27	Wichita	143.3	141.4	133.0	2.3	2.4	2.3	7.6	7.1	6.7	39.7	38.6	32.0
28	KENTUCKY	954.5	953.5	934.3	27.7	29.2	31.0	54.4	51.6	55.0	258.5	255.6	247.4
29	Lexington	82.1	81.3	77.1	(1)	(1)	(1)	5.9	5.5	5.4	16.7	16.6	14.8
30	Louisville	334.5	333.6	325.4	(1)	(1)	(1)	16.8	15.9	16.4	108.5	107.2	103.9
31	LOUISIANA	1,078.1	1,075.4	1,053.6	51.5	51.1	51.0	79.6	78.4	76.3	176.4	174.7	174.6
32	Baton Rouge	113.4	112.8	108.3	.5	.5	.5	13.6	12.4	11.6	17.6	17.5	17.7
33	Lake Charles	41.5	42.7	40.7	1.3	1.3	1.3	3.8	3.8	4.5	9.5	9.5	9.6
34	Monroe	40.5	39.4	38.2	.5	.4	.4	3.8	3.6	3.6	6.7	6.6	6.7
35	New Orleans	383.8	382.7	376.0	12.9	12.9	13.0	24.6	24.2	23.6	53.6	53.0	54.7
36	Shreveport	97.6	97.0	94.3	3.6	3.5	3.7	6.4	6.4	6.2	17.5	17.0	16.9
37	MAINE	344.5	333.6	338.1	(1)	(1)	(1)	19.6	17.5	19.1	106.4	101.8	104.8
38	Lewiston-Auburn	28.9	28.5	28.2	(1)	(1)	(1)	1.5	1.4	1.3	12.4	12.1	12.2
39	Portland	67.0	65.4	65.7	(1)	(1)	(1)	4.0	3.5	4.1	14.2	13.9	13.2
40	MARYLAND ³	1,365.7	1,350.3	1,334.2	2.2	2.1	2.2	100.3	93.8	99.8	252.7	250.3	257.6
41	Baltimore	826.7	820.7	817.3	.3	.3	.3	49.7	46.4	49.5	180.6	179.9	186.6
42	MASSACHUSETTS	2,293.2	2,273.0	2,275.2	(1)	(1)	(1)	106.8	100.8	107.2	608.4	597.8	608.5
43	Boston	1,290.7	1,280.2	1,288.8	(1)	(1)	(1)	56.2	53.1	58.0	257.2	254.7	261.1
44	Brockton	53.7	52.9	52.7	(1)	(1)	(1)	2.1	2.0	2.2	15.7	15.2	15.3
45	Fall River	46.5	45.5	46.3	(1)	(1)	(1)	(1)	(1)	(1)	20.4	19.9	20.2
46	Lawrence-Haverhill	83.7	83.0	83.1	(1)	(1)	(1)	2.3	2.1	2.5	37.1	36.4	37.4
47	Lowell	53.7	52.5	53.0	(1)	(1)	(1)	2.8	2.5	2.6	19.8	19.2	19.5
48	New Bedford	56.6	55.9	56.8	(1)	(1)	(1)	1.4	1.3	1.7	25.3	25.1	25.2
49	Springfield-Chicopee-Holyoke	191.3	188.3	188.7	(1)	(1)	(1)	8.4	8.0	7.6	61.1	59.5	60.5
50	Worcester	129.3	127.3	128.0	(1)	(1)	(1)	5.4	5.0	5.6	41.1	39.6	40.7
51	MICHIGAN	3,046.7	3,034.7	3,007.6	12.0	12.0	12.5	115.1	109.8	117.2	1,073.8	1,069.4	1,048.3
52	Ann Arbor	103.0	102.9	100.7	(1)	(1)	(1)	2.2	2.0	2.8	36.1	36.4	35.2
53	Battle Creek	62.2	61.2	59.3	(1)	(1)	(1)	1.9	1.7	1.7	25.2	24.4	23.3
54	Bay City	(*)	31.1	29.3	(*)	(1)	(1)	(*)	1.6	1.5	(*)	9.4	10.4
55	Detroit	1,487.6	1,482.0	1,483.7	.7	.7	.9	58.3	56.2	58.8	537.4	535.7	529.6
56	Flint	167.3	170.8	168.1	(1)	(1)	(1)	5.7	4.9	5.4	74.6	78.6	78.0
57	Grand Rapids	197.8	197.8	189.1	(1)	(1)	(1)	10.4	9.8	8.6	73.2	73.0	69.5
58	Jackson	48.3	47.8	45.1	(1)	(1)	(1)	2.1	1.9	1.8	17.8	17.7	16.4
59	Kalamazoo	72.2	72.5	70.0	(1)	(1)	(1)	3.3	3.2	3.0	26.2	26.4	26.0
60	Lansing-East Lansing	134.2	137.5	133.1	(1)	(1)	(1)	5.8	5.1	4.8	38.1	38.1	37.5
61	Muskegon-Muskegon Heights	48.9	48.5	46.7	(1)	(1)	(1)	1.7	1.6	1.5	21.6	21.3	20.6
62	Saginaw	(*)	83.6	73.3	(*)	(1)	(1)	(*)	4.2	2.5	(*)	35.5	33.1

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

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			
June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971	June 1972P	May 1972	June 1971	
14.6	14.5	14.7	54.4	53.6	51.0	8.9	8.8	8.4	36.7	35.4	35.2	54.6	52.9	51.8	1
3.4	3.4	3.5	12.8	12.7	12.0	3.3	3.2	3.1	7.9	7.8	7.2	12.5	12.0	11.0	2
285.0	281.1	286.7	955.3	948.1	946.1	244.0	241.1	240.6	701.0	695.0	695.2	667.1	658.3	661.1	3
202.8	200.3	205.3	676.8	672.4	668.4	190.3	188.2	188.0	514.4	509.3	510.2	382.8	372.3	378.9	4
(*)	214.8	219.7	(*)	708.1	705.7	(*)	194.8	194.4	(*)	532.4	534.0	(*)	396.3	403.3	5
7.3	7.2	7.4	31.5	31.2	30.6	5.8	5.7	5.5	18.7	18.9	18.9	22.5	22.7	22.5	6
3.9	3.9	4.0	9.9	10.0	9.9	2.1	2.1	2.1	7.6	7.6	7.6	4.9	5.4	4.9	7
7.3	7.2	7.1	27.9	27.7	27.8	5.7	5.6	5.5	19.0	19.4	18.7	16.0	16.0	15.8	8
3.7	3.7	3.6	21.1	20.9	20.5	3.3	3.2	3.3	13.3	13.4	13.4	10.2	10.2	10.2	9
4.2	4.2	4.4	14.4	14.2	14.4	5.6	5.6	5.6	12.6	12.6	12.5	21.2	20.8	20.0	10
99.2	98.2	101.0	378.3	375.8	369.9	78.7	77.6	77.1	233.4	232.3	230.0	301.3	304.6	294.2	11
(*)	5.2	5.3	(*)	19.6	19.6	(*)	3.2	3.3	(*)	14.3	14.4	(*)	8.9	8.8	12
(*)	8.4	8.6	(*)	27.8	27.5	(*)	6.9	6.8	(*)	15.5	15.6	(*)	12.6	12.6	13
(*)	14.0	14.4	(*)	35.8	37.3	(*)	6.4	6.4	(*)	23.2	23.8	(*)	22.9	24.4	14
(*)	27.3	28.4	(*)	93.8	95.5	(*)	29.2	29.5	(*)	57.2	56.5	(*)	70.3	70.2	15
(*)	2.2	2.3	(*)	9.8	9.5	(*)	1.5	1.5	(*)	5.5	5.3	(*)	9.6	9.1	16
(*)	4.7	4.7	(*)	21.0	21.1	(*)	5.2	5.0	(*)	16.5	16.5	(*)	11.6	11.1	17
(*)	4.1	4.1	(*)	13.0	12.8	(*)	1.8	1.8	(*)	7.0	7.0	(*)	11.4	10.0	18
53.3	52.1	52.6	220.3	219.8	214.8	43.0	41.9	42.5	157.9	157.3	153.7	181.7	185.0	178.9	19
3.6	3.6	3.4	13.1	13.0	13.5	3.0	3.0	3.0	9.7	10.1	9.5	8.3	8.3	7.6	20
9.8	9.5	9.5	31.6	31.3	33.3	15.8	15.6	15.5	23.8	23.9	23.0	20.5	20.1	20.0	21
1.5	1.5	1.6	7.2	7.1	6.8	.9	.9	1.0	6.5	6.7	5.6	2.9	3.0	3.0	22
3.0	3.0	3.0	10.8	10.7	10.9	2.2	2.2	2.1	7.7	7.8	7.1	5.3	5.4	5.4	23
2.4	2.3	2.3	11.0	11.0	10.5	1.4	1.4	1.4	7.7	7.8	7.6	8.5	8.7	8.3	24
51.8	51.0	51.9	160.0	158.6	159.9	31.7	31.1	31.1	104.3	104.9	104.8	160.5	163.0	152.9	25
6.6	6.4	7.0	13.4	13.3	13.2	4.2	4.2	4.1	10.7	10.6	10.4	17.7	16.8	16.4	26
7.8	7.8	8.0	31.9	31.6	31.3	6.9	6.9	7.0	25.1	24.9	25.4	22.2	22.3	20.5	27
58.9	58.4	59.1	190.7	191.0	185.4	37.7	36.9	37.6	141.6	141.7	140.1	185.0	189.1	178.7	28
4.1	4.0	4.2	16.0	16.1	15.7	4.0	3.9	3.9	12.5	12.4	12.6	22.9	22.8	20.5	29
24.0	24.1	23.4	71.9	72.5	70.7	18.7	18.6	17.8	50.6	50.8	49.2	43.9	44.4	43.9	30
92.4	92.1	92.2	242.4	241.8	237.0	51.6	51.2	50.0	161.8	159.5	160.9	222.4	226.6	211.6	31
5.3	5.3	5.2	23.4	23.4	22.7	6.2	6.3	6.0	14.9	14.7	14.8	31.9	32.7	29.8	32
2.9	3.0	2.9	9.7	9.7	8.8	1.5	1.5	1.5	6.0	6.2	6.0	6.8	7.7	6.1	33
2.2	2.2	2.3	10.6	10.4	10.3	2.6	2.5	2.4	6.0	5.9	5.3	8.1	7.8	7.2	34
43.0	43.1	42.2	92.2	92.4	91.5	24.6	24.5	23.8	68.5	70.7	66.6	64.4	61.9	60.4	35
9.4	9.3	9.3	24.3	24.3	23.8	4.6	4.6	4.6	15.9	15.8	15.1	15.9	16.1	14.7	36
18.1	17.5	17.8	69.9	68.3	68.8	12.9	12.7	12.7	46.0	44.3	45.6	71.6	71.5	69.3	37
1.0	1.0	1.0	6.5	6.4	6.3	.9	.9	.9	4.2	4.2	4.2	2.4	2.5	2.3	38
5.3	5.1	5.3	17.9	17.5	17.9	5.9	5.7	5.7	11.0	10.9	11.2	8.7	8.8	8.3	39
80.0	79.5	81.2	331.7	328.2	316.3	73.3	71.7	71.0	258.4	255.4	248.8	267.1	269.3	257.3	40
56.4	56.1	56.6	183.7	182.7	178.2	45.2	44.5	44.0	144.7	144.2	140.7	166.1	166.6	161.4	41
123.5	121.2	116.9	504.8	500.7	504.2	130.1	128.9	130.0	484.5	485.2	479.9	335.1	338.4	328.5	42
74.8	74.2	72.8	303.7	302.4	301.8	94.6	93.8	95.6	328.4	325.7	321.0	175.8	176.3	178.5	43
4.1	4.0	4.0	13.1	13.1	13.1	1.6	1.5	1.5	7.9	7.9	7.7	9.2	9.2	8.9	44
2.0	1.9	2.1	10.0	9.9	10.2	(1)	(1)	(1)	9.3	9.1	9.1	4.8	4.7	4.7	45
3.0	3.0	2.8	14.9	15.0	14.8	2.6	2.5	2.5	10.9	10.9	10.8	12.9	13.1	12.3	46
2.4	2.3	2.4	11.6	11.6	11.6	1.6	1.5	1.5	8.6	8.5	8.5	6.9	6.9	6.9	47
3.4	3.3	3.4	11.2	11.2	11.4	(1)	(1)	(1)	10.0	9.8	9.8	5.3	5.2	5.3	48
9.1	8.9	9.1	39.7	39.4	40.1	9.7	9.6	9.6	36.7	36.4	35.9	26.6	26.5	26.0	49
7.1	7.1	7.0	27.2	27.1	27.2	7.0	7.0	7.0	24.2	24.2	23.6	17.3	17.3	16.9	50
145.9	144.9	151.0	614.4	608.8	614.8	119.9	118.4	117.3	441.1	440.9	436.3	524.5	530.4	510.1	51
2.2	2.2	2.2	13.9	13.9	12.6	2.6	2.7	2.5	9.9	9.4	10.5	36.2	36.4	34.7	52
2.6	2.6	2.4	9.5	9.5	9.2	3.7	3.7	3.7	8.2	8.1	8.0	11.2	11.1	10.8	53
(*)	2.0	1.3	(*)	7.1	7.0	(*)	.8	.9	(*)	4.9	3.8	(*)	5.2	4.4	54
78.4	77.7	81.3	296.8	295.5	300.6	70.3	69.9	70.3	228.8	228.9	225.2	217.0	217.5	217.0	55
4.6	5.6	5.2	34.5	34.3	33.7	4.7	4.6	4.6	19.2	19.0	18.0	23.9	23.9	23.2	56
9.7	9.6	9.4	46.4	47.0	45.2	7.3	7.2	7.2	28.4	28.6	27.9	22.5	22.5	21.2	57
4.2	4.2	3.6	8.5	8.4	8.2	1.4	1.4	1.4	6.1	6.0	5.7	8.2	8.2	8.0	58
2.8	2.8	2.5	15.4	15.4	13.8	2.4	2.4	2.4	9.4	9.3	9.1	12.7	13.0	13.1	59
4.1	4.1	3.5	21.9	21.6	22.6	6.0	5.9	5.9	16.9	16.8	14.4	41.5	46.0	44.5	60
3.3	3.2	2.9	8.1	8.0	7.8	1.3	1.3	1.3	6.0	6.0	5.6	7.1	7.1	7.0	61
(*)	3.5	3.3	(*)	17.6	14.3	(*)	3.2	2.7	(*)	9.0	8.7	(*)	10.6	8.6	62

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971	June 1972 P	May 1972	June 1971
1	MINNESOTA	1,340.1	1,330.0	1,322.1	12.7	13.6	15.0	68.0	64.7	68.9	303.6	298.8	300.8
2	Duluth-Superior	56.0	54.8	56.9	(1)	(1)	(1)	2.6	2.5	2.9	8.5	8.5	9.6
3	Minneapolis-St. Paul	780.2	777.3	781.3	(1)	(1)	(1)	31.9	34.4	38.5	192.7	191.0	191.8
4	MISSISSIPPI	609.7	609.3	592.2	6.3	6.2	6.3	31.4	29.8	33.8	201.9	198.4	190.1
5	Jackson	98.2	99.2	95.1	.7	.7	.7	6.5	6.0	6.2	14.7	14.7	14.3
6	MISSOURI	1,651.6	1,640.3	1,644.3	8.1	7.9	8.6	65.0	62.1	70.4	432.4	426.9	425.6
7	Kansas City	531.2	524.4	513.7	.5	.5	.5	28.9	27.5	26.2	121.0	119.8	118.9
8	St. Joseph	32.8	32.0	31.7	(2)	(2)	(2)	2.0	1.9	1.6	9.5	9.1	9.1
9	St. Louis	886.6	880.7	892.3	3.0	2.9	3.0	33.3	32.5	37.9	255.8	253.4	262.0
10	Springfield	60.5	60.5	58.3	.1	.1	.1	2.9	2.9	2.7	16.6	16.5	15.6
11	MONTANA	213.8	208.6	212.5	6.2	6.1	6.6	12.7	12.7	11.9	24.0	23.5	24.4
12	Billings	32.5	32.0	31.2	(1)	(1)	(1)	2.4	2.3	2.2	3.3	3.2	3.1
13	Great Falls	26.8	26.3	26.9	(1)	(1)	(1)	1.6	1.5	1.8	2.6	2.6	3.0
14	NEBRASKA	506.2	501.3	491.4	1.9	1.7	1.8	30.6	28.2	25.5	86.8	84.5	83.9
15	Lincoln	75.5	75.7	73.2	(2)	(2)	(2)	4.1	3.9	3.7	11.7	11.5	10.8
16	Omaha	220.1	218.4	212.0	(2)	(2)	(2)	13.8	12.6	9.6	39.3	38.9	38.1
17	NEVADA	220.1	215.1	212.6	3.8	3.7	3.8	13.0	13.0	13.2	8.9	8.8	8.6
18	Las Vegas	117.5	116.1	113.8	.1	.1	.1	7.5	7.5	7.5	4.1	4.0	4.1
19	Reno	64.5	63.4	60.9	.3	.3	.3	4.1	4.1	3.8	3.2	3.2	3.0
20	NEW HAMPSHIRE	272.8	262.2	265.4	.4	.4	.4	12.9	12.3	13.0	89.7	88.3	86.4
21	Manchester	50.9	50.6	49.6	(1)	(1)	(1)	1.9	2.1	2.3	17.4	17.2	16.3
22	NEW JERSEY	2,654.0	2,609.0	2,638.8	3.0	2.8	3.0	116.2	112.8	121.1	801.5	791.3	823.1
23	Atlantic City	67.9	64.1	65.9	-	-	-	4.0	3.9	3.5	9.5	9.4	9.5
24	Camden	270.0	268.5	266.4	.1	.1	.1	14.8	14.3	15.0	66.6	66.7	70.9
25	Jersey City	246.7	245.4	250.9	-	-	-	7.8	7.7	7.6	95.8	94.6	100.9
26	Long Branch-Asbury Park	132.3	127.2	127.3	.1	.1	.1	8.2	7.9	7.1	21.3	21.1	21.4
27	Newark	787.7	779.7	789.8	.6	.6	.6	31.1	30.6	32.6	227.9	226.0	234.0
28	Paterson-Clifton-Passaic	514.8	508.5	513.3	.2	.2	.2	22.7	22.2	23.0	178.5	176.8	181.2
29	Perth Amboy	289.3	285.2	284.8	.6	.6	.6	12.1	11.5	12.0	105.4	103.7	109.7
30	Trenton	138.1	136.9	134.7	(1)	(1)	(1)	3.9	3.6	3.8	37.0	36.7	37.4
31	Vineland-Millville-Bridgeton	48.4	47.6	48.2	(1)	(1)	(1)	1.8	1.8	2.1	21.2	20.7	20.9
32	NEW MEXICO	323.2	317.6	306.4	16.0	16.0	16.9	22.7	21.4	20.1	24.4	24.1	21.5
33	Albuquerque	124.7	123.2	114.8	(1)	(1)	(1)	10.7	10.0	8.8	11.6	11.3	9.7
34	NEW YORK	7,027.1	6,968.4	7,108.5	7.0	6.8	8.1	271.4	256.9	294.9	1,609.0	1,594.6	1,647.7
35	Albany-Schenectady-Troy	282.5	281.7	283.9	(1)	(1)	(1)	15.0	13.9	14.5	58.8	58.0	59.9
36	Binghamton	97.8	100.5	102.3	(1)	(1)	(1)	4.4	4.0	4.2	38.3	37.3	39.2
37	Buffalo	480.2	483.1	493.0	(1)	(1)	(1)	13.8	18.0	18.7	152.7	152.4	162.4
38	Elmira	37.8	37.5	37.7	(1)	(1)	(1)	2.3	2.2	2.2	13.5	13.5	14.2
39	Monroe County	301.2	296.8	300.4	(1)	(1)	(1)	11.6	10.5	14.2	124.8	122.2	123.5
40	Nassau and Suffolk Counties	763.4	745.5	739.8	(1)	(1)	(1)	44.7	43.2	41.9	141.7	140.2	140.8
41	New York-Northeastern New Jersey	(*)	6,504.0	6,597.5	(*)	3.4	3.8	(*)	244.1	259.6	(*)	1,505.2	1,558.6
42	New York SMSA	4,716.8	4,685.8	4,758.9	2.5	2.5	2.3	178.3	172.1	184.4	908.6	904.4	932.9
43	New York City	3,576.7	3,568.5	3,646.2	1.5	1.5	1.7	110.0	106.5	117.9	685.8	683.3	707.1
44	Rochester	343.4	338.7	341.8	(1)	(1)	(1)	12.2	11.2	15.3	138.9	136.1	136.5
45	Rockland County	67.4	66.0	65.3	(1)	(1)	(1)	4.7	4.3	5.0	13.7	13.7	14.1
46	Syracuse	233.5	232.4	228.5	(1)	(1)	(1)	11.2	10.1	10.9	58.9	59.5	60.2
47	Utica-Rome	108.4	107.4	111.5	(1)	(1)	(1)	4.2	3.7	3.8	33.9	33.8	37.2
48	Westchester County	309.2	305.8	307.6	(1)	(1)	(1)	18.9	18.1	19.6	67.3	67.1	70.8
49	NORTH CAROLINA	1,852.9	1,836.3	1,790.1	4.1	3.9	4.0	104.0	98.9	101.5	739.6	727.3	715.0
50	Asheville	-	-	-	-	-	-	-	-	-	20.7	20.4	19.5
51	Charlotte	190.8	188.7	185.1	(1)	(1)	(1)	13.4	12.4	12.3	43.9	43.2	42.1
52	Greensboro-Winston-Salem-High Point	275.6	274.4	268.7	(1)	(1)	(1)	14.0	13.7	14.1	114.2	112.1	112.4
53	Raleigh	-	-	-	-	-	-	-	-	-	14.5	14.5	14.5
54	NORTH DAKOTA	171.5	169.3	167.7	1.5	1.5	1.6	12.6	10.6	12.7	11.1	10.8	10.4
55	Fargo-Moorhead	42.7	43.4	42.2	.1	.1	.1	3.4	2.8	3.1	3.1	3.0	3.0
56	OHIO	3,915.8	3,880.7	3,893.1	23.3	22.8	22.3	152.4	145.2	154.6	1,327.5	1,316.9	1,348.3
57	Akron	249.6	248.2	247.6	.3	.3	.3	8.3	7.8	8.3	88.9	89.0	91.3
58	Canton	138.1	137.0	138.2	.4	.4	.4	4.4	4.2	4.5	56.6	56.2	59.6
59	Cincinnati	503.7	499.8	507.8	.4	.4	.4	20.2	19.3	20.1	150.2	148.9	161.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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			
June 1972	May 1972	June 1971	June 1972	May 1972	June 1971	June 1972	May 1972	June 1971	June 1972	May 1972	June 1971	June 1972	May 1972	June 1971	
86.3	85.0	85.8	330.1	327.1	324.8	66.8	66.5	65.7	217.2	218.2	215.9	255.5	256.0	245.3	1
7.6	6.8	7.9	13.1	13.0	13.6	2.0	2.0	1.9	10.7	10.8	10.6	11.6	11.2	10.3	2
59.3	58.9	58.5	191.7	190.4	192.7	49.1	48.9	48.4	137.8	137.2	136.6	117.6	116.6	114.8	3
32.3	31.8	31.3	111.4	111.2	109.2	22.5	22.4	22.2	73.5	71.4	71.4	130.5	138.1	128.0	4
6.3	6.3	6.4	24.0	24.0	22.8	7.4	7.3	7.2	15.8	17.0	15.7	22.7	23.2	21.9	5
121.7	121.0	123.3	366.4	364.1	371.2	91.9	90.7	90.3	267.0	266.2	264.5	299.1	301.4	290.4	6
49.5	49.0	49.4	132.0	130.2	126.9	34.3	33.8	33.4	85.9	84.0	82.7	79.1	79.6	75.7	7
1.9	1.9	2.0	8.0	7.8	8.1	1.4	1.4	1.3	5.1	4.9	5.0	4.9	5.0	4.6	8
63.9	63.5	66.1	194.6	193.6	194.6	46.9	46.6	46.6	154.1	155.0	154.1	135.0	133.0	128.0	9
4.5	4.5	4.7	15.1	15.2	14.6	2.3	2.3	2.3	10.0	10.0	9.9	9.0	9.0	8.4	10
17.6	17.3	17.8	52.3	50.9	50.9	8.9	8.8	8.5	36.2	34.6	36.4	55.9	54.7	56.0	11
2.9	2.9	2.8	10.0	9.9	9.7	1.6	1.6	1.6	6.3	6.1	6.0	6.0	6.0	5.8	12
2.1	2.1	2.1	7.4	7.3	7.3	1.7	1.7	1.6	5.2	5.1	5.1	6.2	6.0	6.0	13
36.9	36.1	37.7	124.2	124.1	122.3	30.0	29.8	30.1	87.5	87.9	85.3	108.4	109.0	104.7	14
5.2	5.1	5.4	15.8	15.9	15.4	5.6	5.6	5.7	11.1	11.5	11.1	21.8	22.3	21.1	15
20.6	20.4	21.2	54.0	53.8	53.1	16.9	16.8	17.0	40.3	40.3	39.6	35.3	35.6	33.4	16
14.6	14.5	14.3	42.1	41.2	40.2	8.9	8.8	8.6	88.9	85.2	86.1	39.9	39.9	37.8	17
7.9	7.8	7.6	22.6	22.4	21.2	4.7	4.7	4.5	53.4	52.4	52.3	17.2	17.2	16.5	18
4.9	4.8	4.7	14.3	13.8	13.4	3.5	3.5	3.2	23.4	22.6	22.5	10.8	11.1	10.0	19
12.3	12.2	12.0	53.8	52.8	52.4	12.1	12.0	11.7	51.3	44.6	50.5	40.3	39.6	39.0	20
3.7	3.7	3.7	11.4	11.3	11.4	3.5	3.4	3.3	8.6	8.5	8.4	4.4	4.4	4.2	21
179.5	176.1	180.6	586.9	573.2	566.6	124.7	123.0	122.7	440.6	430.5	431.2	401.6	399.3	390.5	22
3.6	3.4	3.6	19.9	18.2	18.8	3.0	3.0	3.0	16.5	14.8	16.8	11.4	11.4	10.7	23
14.1	13.4	14.1	70.4	69.8	65.8	11.6	11.3	10.8	41.6	42.4	41.1	50.8	50.5	48.6	24
33.4	33.8	34.1	41.4	41.2	40.3	8.6	8.6	8.5	30.5	30.4	30.4	29.2	29.1	29.1	25
6.2	6.0	6.0	32.1	30.1	29.2	4.5	4.4	4.4	30.5	28.5	31.0	29.4	29.1	28.1	26
63.2	61.2	62.7	156.9	155.8	156.0	57.2	56.7	56.2	140.3	139.0	139.6	110.5	109.8	108.0	27
25.4	24.7	26.3	130.2	128.9	129.2	19.8	19.5	19.1	80.7	79.7	80.1	57.3	56.5	54.2	28
16.1	16.0	16.1	64.2	63.5	59.8	6.8	6.7	6.6	36.2	35.8	33.8	47.9	47.4	46.2	29
6.0	6.0	6.1	22.5	22.3	21.6	5.2	5.2	5.2	30.2	30.0	28.5	33.3	33.1	32.1	30
2.7	2.6	2.9	7.8	7.7	7.6	2.1	2.1	2.1	5.8	5.8	5.8	7.0	6.9	6.8	31
20.6	20.6	20.2	69.9	68.4	64.7	14.6	14.3	13.3	58.7	56.2	57.4	96.3	96.6	92.3	32
7.4	7.3	7.2	30.2	29.6	28.0	7.4	7.3	7.0	27.6	27.5	25.9	29.8	30.2	28.2	33
480.8	478.1	488.7	1,438.1	1,423.5	1,438.0	596.0	592.6	598.7	1,375.5	1,369.3	1,379.6	1,249.3	1,246.7	1,252.8	34
16.0	15.8	16.4	57.2	56.6	57.0	12.1	11.8	12.0	49.3	49.3	49.1	74.2	76.3	75.0	35
4.6	4.7	4.6	17.7	17.7	18.2	3.3	3.3	3.3	12.7	12.7	12.2	20.8	20.9	20.7	36
31.0	30.6	31.0	102.7	102.1	102.3	19.6	19.3	19.5	79.9	80.2	78.4	80.4	80.4	80.9	37
1.5	1.5	1.6	7.8	7.6	7.6	1.0	1.0	1.0	5.8	5.9	5.5	5.9	5.9	5.6	38
11.0	10.9	10.7	52.2	51.7	52.7	12.2	11.9	12.0	52.5	52.2	51.5	37.0	37.3	35.8	39
36.7	36.1	35.7	207.1	201.3	197.0	38.5	37.9	36.5	144.0	138.5	139.7	150.8	148.3	148.2	40
(*)	496.4	504.5	(*)	1,373.4	1,374.9	(*)	594.7	599.1	(*)	1,263.6	1,272.5	(*)	1,023.7	1,024.5	41
361.5	360.9	365.4	993.1	984.7	989.7	505.5	503.3	508.7	982.4	977.5	988.5	784.9	780.5	787.0	42
301.6	301.4	306.9	703.1	701.4	711.4	450.4	448.8	455.5	756.8	758.8	770.5	567.4	566.7	575.1	43
12.6	12.5	12.5	60.1	59.4	60.3	13.0	12.7	12.7	57.4	57.2	56.4	49.2	49.5	48.2	44
3.7	3.7	3.3	13.5	13.1	12.8	2.0	2.0	2.0	12.0	11.7	11.7	17.7	17.5	16.4	45
14.6	14.1	14.5	50.7	50.3	48.5	13.3	13.1	12.7	41.7	42.4	40.3	43.1	42.9	41.3	46
5.0	4.9	4.8	18.4	18.2	18.5	4.9	4.8	4.8	15.1	15.4	15.0	26.9	26.5	27.3	47
19.5	19.7	19.5	69.4	68.9	68.5	14.7	14.6	14.7	70.5	69.4	67.2	49.0	48.0	47.3	48
97.6	97.2	95.1	331.5	330.4	324.4	76.4	74.5	70.7	231.7	226.1	222.1	268.0	278.0	257.3	49
19.4	19.2	18.7	49.4	49.2	49.6	14.6	14.3	13.6	28.7	28.5	27.8	21.4	21.9	21.0	50
17.5	17.5	17.0	49.7	49.6	49.4	13.8	13.7	13.4	36.3	35.0	33.8	30.1	32.8	28.6	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
12.2	12.0	12.3	45.9	45.5	45.2	7.6	7.5	7.4	30.0	30.1	29.2	50.6	51.4	49.0	54
3.0	3.0	3.0	12.9	13.0	12.5	2.4	2.4	2.4	8.0	8.6	7.9	9.8	10.6	10.2	55
227.2	224.6	227.5	797.3	793.2	784.6	168.3	165.6	164.6	619.6	612.3	600.7	600.4	600.0	590.5	56
15.1	15.0	15.1	51.9	51.5	49.7	7.7	7.6	7.4	39.4	38.9	37.1	38.0	38.2	38.3	57
7.1	7.1	7.2	28.1	27.9	27.0	4.8	4.8	4.8	22.4	22.1	21.4	14.3	14.4	13.4	58
35.9	35.6	35.6	108.6	108.2	107.7	27.5	27.0	27.3	87.0	86.4	83.2	73.8	73.9	72.0	59

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971
1	OHIO—Continued												
2	Cleveland	845.8	839.1	841.4	1.7	1.6	1.5	29.8	28.8	31.2	271.6	270.5	276.4
3	Columbus	397.4	392.1	389.9	.8	.8	.8	18.8	17.1	19.3	84.3	84.4	85.2
4	Dayton	323.3	320.9	320.6	.5	.5	.5	11.6	11.1	11.7	113.7	112.4	113.7
5	Toledo	253.0	251.4	246.8	.5	.4	.4	10.1	9.7	9.4	80.8	80.3	79.1
6	Youngstown—Warren	202.0	202.1	204.7	.3	.3	.3	7.1	6.3	6.9	87.2	88.5	92.6
7	OKLAHOMA	809.8	805.7	783.5	36.7	36.1	36.9	44.7	43.2	40.2	136.0	134.7	132.3
8	Oklahoma City	276.2	274.6	268.4	6.6	6.6	6.7	16.0	15.5	15.0	39.1	38.9	38.1
9	Tulsa	186.4	185.2	182.8	13.8	13.6	13.5	9.9	9.5	9.6	39.8	39.6	39.5
10	OREGON	778.8	757.6	740.2	1.6	1.5	1.5	37.7	35.4	33.1	187.1	176.5	175.1
11	Eugene—Springfield	76.3	74.2	72.0	(1)	(1)	(1)	3.6	3.4	3.3	19.7	19.2	18.8
12	Portland	409.1	401.7	390.5	(1)	(1)	(1)	21.8	20.6	18.3	87.5	85.6	85.2
13	Salem	60.5	58.7	57.7	(1)	(1)	(1)	3.2	3.2	3.1	12.4	9.8	10.4
14	PENNSYLVANIA	4,361.3	4,322.5	4,311.8	41.6	40.8	37.5	216.8	204.3	187.3	1,429.2	1,412.6	1,440.1
15	Allentown—Bethlehem—Easton	219.5	215.3	218.2	.6	.6	.6	9.0	8.4	8.1	100.4	98.4	98.9
16	Altoona	47.3	47.2	49.2	(1)	(1)	(1)	1.9	1.7	2.3	14.3	14.3	15.3
17	Delaware Valley ⁹	1,525.3	1,514.7	1,495.1	1.1	1.1	1.2	72.8	69.6	63.0	436.2	432.0	428.7
18	Erie	99.4	99.2	98.0	(1)	(1)	(1)	3.6	3.3	2.7	43.6	43.0	43.8
19	Harrisburg	180.0	178.8	178.6	(1)	(1)	(1)	10.1	9.8	8.2	38.9	38.5	39.4
20	Johnstown	81.4	80.7	81.4	5.9	5.8	5.8	3.4	3.2	3.0	24.2	24.4	25.5
21	Lancaster	128.5	126.2	125.0	(1)	(1)	(1)	7.4	6.9	6.9	54.5	53.1	53.5
22	Philadelphia SMSA	1,795.4	1,783.5	1,761.0	1.3	1.2	1.3	87.6	84.0	78.1	502.6	498.8	499.1
23	Philadelphia City ¹⁰	881.6	878.2	869.0	-	-	-	31.3	30.3	26.3	214.8	213.4	208.3
24	Pittsburgh	876.5	870.2	880.4	10.6	10.4	9.7	49.1	46.4	45.5	257.1	255.4	270.2
25	Reading	123.9	123.6	123.0	(1)	(1)	(1)	4.5	4.3	4.0	54.0	53.7	54.6
26	Scranton	87.6	87.3	85.9	.3	.3	.4	2.6	2.6	2.5	33.5	33.6	32.9
27	Wilkes—Barre—Hazleton	125.0	123.5	123.9	1.6	1.6	2.0	5.5	5.4	6.1	51.5	50.6	50.6
28	York	137.8	135.8	131.6	(1)	(1)	(1)	11.3	11.0	7.7	60.3	59.2	58.6
29	RHODE ISLAND	344.1	339.3	343.3	(1)	(1)	(1)	14.2	13.6	15.3	116.7	114.6	114.8
30	Providence—Warwick—Pawtucket	356.7	352.0	356.2	(1)	(1)	(1)	14.2	13.6	15.4	130.4	128.2	129.6
31	SOUTH CAROLINA	900.6	895.9	862.5	1.6	1.6	1.7	60.3	57.6	57.3	351.8	346.7	339.3
32	Charleston	(*)	90.3	90.7	(*)	(1)	(1)	(*)	6.7	6.4	6.7	13.0	14.7
33	Columbia	124.4	122.7	116.6	(1)	(1)	(1)	9.4	9.0	8.8	21.7	21.5	20.6
34	Greenville	131.0	129.5	125.3	(1)	(1)	(1)	9.3	9.2	9.2	57.7	57.0	54.6
35	SOUTH DAKOTA	188.2	182.2	183.8	2.2	2.2	2.4	8.7	7.3	8.8	18.2	17.7	16.4
36	Rapid City	21.6	21.0	20.1	.1	.1	.1	1.3	1.1	1.3	2.7	2.6	2.0
37	Sioux Falls	36.1	35.2	35.6	(1)	(1)	(1)	1.4	1.2	1.8	6.4	6.2	6.0
38	TENNESSEE	1,412.2	1,401.9	1,361.1	6.7	6.6	7.2	79.0	75.8	72.9	472.7	469.0	461.6
39	Chattanooga	134.8	134.6	130.2	.3	.3	.3	5.8	5.6	6.0	53.2	52.7	52.6
40	Knoxville	(*)	156.1	147.9	(*)	1.6	1.6	(*)	8.2	7.1	(*)	48.2	46.5
41	Memphis	292.4	287.7	282.6	.4	.3	.3	16.6	15.0	18.1	59.1	58.6	57.2
42	Nashville	229.1	228.2	226.1	(1)	(1)	(1)	13.4	13.2	13.7	60.5	60.2	59.5
43	TEXAS	3,781.5	3,767.7	3,685.2	103.5	100.9	103.9	248.7	239.4	235.5	729.8	723.5	721.5
44	Amarillo	51.5	52.2	52.0	(1)	(1)	(1)	2.8	2.7	2.9	6.9	6.9	7.4
45	Austin	130.2	128.6	120.5	(1)	(1)	(1)	10.2	9.8	9.0	12.8	12.8	12.4
46	Beaumont—Port Arthur—Orange	108.8	109.1	106.9	(1)	(1)	(1)	9.5	9.3	8.1	37.4	36.9	37.2
47	Corpus Christi	89.0	87.8	88.7	3.6	3.5	3.6	7.4	7.2	7.5	11.1	11.0	11.3
48	Dallas	681.6	678.5	659.4	8.5	8.4	8.5	41.6	40.5	40.6	149.0	147.3	146.9
49	El Paso	114.3	113.7	110.9	(1)	(1)	(1)	8.2	7.9	7.4	27.3	27.1	26.2
50	Fort Worth	257.9	256.6	255.1	1.2	1.2	1.6	13.3	13.3	12.2	70.5	70.1	72.7
51	Galveston—Texas City	56.3	55.5	55.3	(1)	(1)	(1)	3.9	3.7	3.3	11.0	11.0	11.4
52	Houston	820.6	818.7	783.9	30.5	29.3	29.9	73.8	72.3	70.4	149.5	147.8	146.8
53	Lubbock	56.9	59.0	56.0	(1)	(1)	(1)	3.5	3.4	4.0	7.4	7.2	7.2
54	San Antonio	276.2	273.0	273.2	1.4	1.4	1.3	15.9	15.7	15.5	34.4	34.3	34.1
55	Waco	50.5	51.2	49.6	(1)	(1)	(1)	3.1	3.0	3.1	12.4	12.5	11.7
56	Wichita Falls	37.5	37.7	36.7	2.1	2.1	2.2	1.4	1.3	1.3	5.2	5.2	4.9
57	UTAH	388.6	388.2	374.7	11.9	11.6	13.0	21.5	19.9	19.0	58.5	57.6	55.6
58	Salt Lake City	210.5	207.4	201.4	6.6	6.6	7.6	13.2	12.2	11.2	31.8	31.6	30.9
59	VERMONT	152.1	148.8	148.9	.9	.9	.9	9.4	8.7	10.4	38.8	38.1	38.0
60	Burlington ¹¹	37.9	37.9	38.4	-	-	-	-	-	-	8.8	8.8	9.7
	Springfield ¹¹	12.5	12.0	12.2	-	-	-	-	-	-	5.3	5.1	5.1

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

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			
June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	
50.4	49.9	50.2	184.3	182.6	182.8	43.6	43.0	43.3	147.3	146.0	141.2	117.1	116.7	114.8	1
22.0	21.6	22.0	84.8	84.5	81.5	27.7	27.4	26.9	73.5	72.5	69.9	85.5	83.9	84.3	2
12.7	12.5	12.6	60.7	60.8	60.9	10.5	10.3	10.0	53.8	53.2	51.5	60.0	60.0	59.7	3
17.4	17.2	18.0	54.4	54.4	53.9	8.4	8.3	8.2	43.3	43.1	41.7	38.3	38.2	36.2	4
10.5	10.3	10.4	39.1	38.8	38.5	6.1	6.0	5.8	30.1	29.8	29.1	21.5	22.1	21.1	5
52.9	52.4	53.3	182.5	180.8	175.8	40.8	39.9	38.9	126.1	124.7	120.9	190.1	193.9	185.2	6
17.8	17.6	17.5	64.0	63.2	60.8	17.9	17.8	17.2	41.4	41.0	40.4	73.4	74.0	72.7	7
16.2	16.0	16.2	44.1	43.7	42.4	10.2	10.0	9.8	33.8	33.4	33.0	18.6	19.4	18.8	8
49.9	49.0	49.9	176.5	173.1	167.4	38.2	38.4	36.8	125.4	123.2	119.8	162.4	160.5	156.6	9
4.6	4.4	4.4	16.4	15.8	15.0	3.3	3.2	3.1	10.8	10.7	10.1	17.9	17.5	17.3	10
30.2	29.8	30.2	98.2	96.8	94.9	26.4	26.1	25.1	75.6	74.1	71.2	69.4	68.7	65.6	11
2.1	2.1	2.1	12.4	12.4	11.6	3.2	3.2	3.1	8.0	8.3	8.1	19.2	19.7	19.3	12
261.1	260.9	267.0	850.4	845.5	844.2	199.9	198.2	195.6	717.4	709.0	710.2	644.9	651.2	629.9	13
11.7	11.5	11.8	38.6	38.0	38.8	6.7	6.5	6.9	29.9	29.6	31.1	22.6	22.3	22.0	14
6.7	6.7	7.2	9.7	9.7	9.4	1.3	1.3	1.3	7.0	7.0	7.2	6.4	6.5	6.5	15
91.6	91.0	91.3	306.6	307.4	308.4	93.3	92.8	95.4	295.9	292.6	287.7	227.8	228.2	219.4	16
6.0	5.9	5.8	18.2	18.2	18.0	3.6	3.5	3.5	13.1	13.2	13.3	11.3	12.1	10.9	17
13.7	13.6	14.2	36.6	36.4	36.0	9.6	9.5	9.4	25.8	25.7	26.9	45.3	45.3	44.5	18
5.3	5.3	5.4	14.4	14.3	14.2	2.3	2.2	2.2	12.8	12.4	12.2	13.1	13.1	13.1	19
5.4	5.3	5.6	26.4	26.0	25.6	3.3	3.2	3.1	20.2	19.9	19.3	11.3	11.8	11.0	20
105.7	104.4	105.4	377.0	377.3	374.1	105.0	104.1	106.2	337.6	335.0	328.8	278.6	278.7	268.0	21
66.4	66.0	66.2	174.1	174.7	175.5	71.8	71.5	71.9	171.1	170.5	169.3	152.1	151.8	151.5	22
57.3	57.5	59.5	180.9	178.2	180.0	38.6	38.2	38.2	163.4	163.6	163.3	119.5	120.5	114.0	23
6.0	6.0	6.4	21.6	21.6	21.1	4.9	4.8	5.0	18.0	17.4	17.9	14.9	15.8	14.0	24
4.8	4.8	4.9	17.1	16.8	17.3	2.8	2.7	2.7	16.1	16.2	15.2	10.4	10.3	10.0	25
6.9	6.8	6.8	22.3	22.3	21.5	4.6	4.5	4.4	16.5	16.3	16.4	16.1	16.0	16.1	26
6.1	6.0	6.0	25.7	25.4	25.4	3.0	3.0	3.2	16.0	15.9	16.1	15.4	15.3	14.6	27
15.7	15.6	15.6	71.7	70.8	71.2	16.3	16.1	16.1	56.2	55.1	56.8	53.3	53.5	53.5	28
15.7	15.6	15.7	74.6	73.7	73.4	16.3	16.1	16.0	55.0	54.1	55.8	50.5	50.7	50.3	29
39.7	39.0	38.9	154.3	153.3	147.0	33.2	32.3	31.5	98.1	97.8	94.8	161.6	167.6	152.0	30
(*)	5.5	5.9	(*)	18.5	18.0	(*)	3.8	3.8	(*)	11.2	11.0	(*)	31.6	30.9	31
7.4	7.3	7.2	24.2	23.9	24.0	7.9	7.8	7.6	16.8	16.9	16.3	37.0	36.3	32.1	32
5.4	5.4	5.2	22.5	22.4	22.2	5.0	4.9	4.9	16.5	16.5	15.8	14.6	14.1	13.4	33
10.2	10.0	10.8	46.4	45.3	46.3	7.7	7.5	7.6	34.6	33.1	34.2	60.2	59.1	57.3	34
1.6	1.5	1.5	5.2	5.4	5.7	.8	.8	.8	4.6	4.4	4.2	5.3	5.1	4.5	35
3.0	3.0	3.2	11.0	10.9	10.7	1.9	1.8	1.9	6.9	6.8	6.8	5.5	5.3	5.2	36
70.0	69.4	68.4	279.8	278.1	266.4	63.0	62.3	59.9	200.7	200.1	191.8	240.3	240.6	232.9	37
6.4	6.5	6.6	24.5	24.3	23.4	7.7	7.5	7.3	17.3	17.7	16.3	19.6	20.0	17.7	38
(*)	7.1	6.9	(*)	34.3	31.8	(*)	5.9	5.4	(*)	20.0	19.1	(*)	30.8	29.5	39
19.7	19.6	19.6	74.4	73.2	69.8	16.5	16.5	15.9	49.4	48.7	48.2	56.3	55.8	53.5	40
14.1	14.0	14.1	48.1	48.0	48.5	16.4	16.4	16.3	39.3	39.2	38.8	37.3	37.2	35.2	41
260.5	257.2	256.9	923.2	918.3	893.4	213.0	209.5	203.4	622.8	619.1	601.7	680.0	699.8	668.9	42
5.2	5.1	5.2	15.3	15.2	15.0	2.7	2.7	2.6	10.0	9.9	10.0	8.6	9.7	8.9	43
3.9	3.8	3.9	25.9	25.8	24.2	7.4	7.2	6.3	17.3	17.3	17.7	52.7	51.9	47.0	44
8.1	8.1	8.0	21.0	21.0	21.1	3.9	3.9	3.9	15.2	15.3	15.6	13.7	14.6	13.0	45
5.9	5.9	5.9	23.1	23.2	23.3	4.2	4.2	4.2	12.7	12.6	12.9	21.0	20.2	20.0	46
53.0	52.2	51.5	186.0	183.8	174.6	58.5	57.8	57.0	107.2	107.6	103.1	77.8	80.9	77.2	47
8.6	8.4	8.8	27.6	27.4	26.6	4.9	4.9	4.7	16.3	16.2	15.1	21.4	21.8	22.1	48
14.8	14.6	15.0	64.1	64.8	63.6	12.5	12.3	12.5	43.3	43.1	42.5	38.2	37.2	35.0	49
5.1	4.8	5.7	10.3	10.2	9.7	3.1	3.1	3.1	7.9	7.8	8.2	15.0	14.9	13.9	50
65.0	64.4	63.8	200.2	199.1	193.6	49.0	48.1	45.8	156.8	156.5	146.9	95.8	101.2	86.7	51
3.6	3.7	3.9	16.6	16.6	16.6	3.0	3.0	3.1	10.4	10.5	10.1	12.4	14.6	11.1	52
11.7	11.7	11.6	66.3	66.0	66.4	17.8	17.7	17.3	50.1	47.8	48.7	78.6	78.4	78.3	53
2.7	2.6	2.6	11.7	11.7	11.7	2.7	2.7	2.7	9.4	10.0	9.3	8.5	8.7	8.5	54
2.4	2.3	2.2	9.6	9.5	9.1	1.7	1.6	1.6	5.6	5.5	5.7	9.5	10.2	9.7	55
23.9	23.7	23.8	88.1	87.4	83.7	16.8	16.5	15.8	64.6	65.6	61.0	103.3	105.9	103.0	56
15.9	15.8	15.7	53.7	53.4	52.4	12.8	12.5	11.9	37.7	36.2	34.4	38.7	39.1	37.4	57
8.3	8.1	8.1	30.6	30.1	29.4	6.2	6.1	5.9	29.2	28.0	28.8	28.8	28.9	27.6	58
2.1	2.1	2.0	8.0	8.2	7.7	-	-	-	7.5	7.2	7.6	-	-	-	59
.8	.8	.8	2.0	1.9	1.9	-	-	-	1.8	1.8	1.8	-	-	-	60

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972 ^p	May 1972	June 1971	June 1972 ^p	May 1972	June 1971	June 1972 ^p	May 1972	June 1971	June 1972 ^p	May 1972	June 1971
1	VIRGINIA ³	1,567.8	1,543.0	1,515.3	17.3	16.9	16.2	105.8	100.1	103.0	379.3	373.6	360.6
2	Lynchburg	53.2	52.8	53.0	(1)	(1)	(1)	3.0	3.0	3.1	23.6	23.5	23.6
3	Newport News-Hampton	108.6	106.9	99.6	(1)	(1)	(1)	5.8	5.5	5.4	33.3	32.7	26.8
4	Norfolk-Virginia Beach-Portsmouth	209.4	206.8	206.0	(1)	(1)	(1)	15.2	14.2	14.0	19.5	19.3	19.5
5	Northern Virginia ¹²	291.0	286.6	285.2	.4	.4	.4	23.1	22.0	21.7	10.2	10.1	10.9
6	Richmond	250.8	247.4	243.9	.2	.2	.2	15.5	14.8	15.2	50.3	49.7	49.1
7	Roanoke	86.3	85.7	85.3	.1	.1	.1	5.3	5.2	5.1	20.0	19.9	19.7
8	WASHINGTON	1,100.3	1,079.9	1,067.6	1.8	1.8	1.7	56.7	53.0	57.4	220.9	217.3	213.1
9	Seattle-Everett	495.5	488.3	489.2	(1)	(1)	(1)	20.7	19.9	21.1	104.8	103.9	102.6
10	Spokane	94.1	93.6	91.4	(1)	(1)	(1)	5.9	5.4	4.9	12.9	12.4	12.3
11	Tacoma	106.5	104.7	105.7	(1)	(1)	(1)	4.8	4.6	4.2	19.4	19.0	19.4
12	WEST VIRGINIA	529.3	531.2	532.4	56.1	56.0	55.2	32.7	32.1	33.3	121.7	121.8	123.9
13	Charleston	83.2	83.1	83.2	4.3	4.3	4.5	4.9	4.8	4.6	15.1	15.0	16.0
14	Huntington-Ashland	80.8	81.2	82.7	.7	.7	.7	3.4	3.2	3.3	26.5	26.7	27.7
15	Wheeling	59.8	59.4	59.1	5.6	5.6	5.4	3.1	3.1	3.3	15.2	15.0	15.5
16	WISCONSIN	1,574.8	1,551.9	1,541.2	2.9	2.6	2.8	63.9	59.7	65.1	489.3	478.5	480.4
17	Appleton-Oshkosh	98.8	98.9	97.7	(1)	(1)	(1)	3.7	3.6	4.2	38.4	37.8	38.2
18	Green Bay	57.9	56.5	55.9	(1)	(1)	(1)	2.8	2.6	2.7	17.3	16.7	16.9
19	Kenosha	36.6	36.6	35.9	(1)	(1)	(1)	1.3	1.3	1.3	15.4	15.4	15.6
20	La Crosse	30.7	30.2	30.0	(1)	(1)	(1)	1.3	1.1	1.2	8.4	7.8	8.2
21	Madison	123.1	123.8	120.5	(1)	(1)	(1)	6.6	5.9	7.0	15.2	14.7	15.1
22	Milwaukee	569.5	565.5	566.5	(1)	(1)	(1)	20.4	20.2	21.6	194.0	193.4	194.3
23	Racine	56.2	54.8	53.9	(1)	(1)	(1)	1.8	1.7	1.8	24.7	24.0	23.2
24	WYOMING	122.5	115.6	116.7	12.8	12.0	11.5	10.5	9.5	9.0	6.8	6.4	7.1
25	Casper	21.2	20.6	20.4	3.0	3.0	2.7	1.8	1.6	1.5	1.6	1.7	1.8
26	Cheyenne	19.6	19.0	19.0	(1)	(1)	(1)	1.3	1.3	1.1	.9	.9	1.0

- ¹ Combined with services.
- ² Combined with construction.
- ³ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.
- ⁴ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
- ⁵ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
- ⁶ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
- ⁷ Subarea of Rochester Standard Metropolitan Statistical Area.
- ⁸ Subarea of New York Standard Metropolitan Statistical Area.
- ⁹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
- ¹⁰ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
- ¹¹ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
- ¹² Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church 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**

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			
June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	
99.2	97.7	99.6	319.2	316.5	313.0	76.6	74.3	72.1	235.7	233.0	231.3	334.7	330.9	319.5	1
2.5	2.5	2.6	8.7	8.5	8.6	2.2	2.2	2.2	7.1	7.0	6.7	6.1	6.1	6.2	2
3.8	3.7	3.9	18.3	18.1	16.8	3.3	3.2	3.0	13.8	13.6	13.0	30.3	30.1	30.7	3
16.4	16.5	16.4	51.3	50.6	49.8	10.2	10.0	10.2	33.6	32.8	32.8	63.2	63.4	63.3	4
21.8	20.9	21.6	67.2	66.5	64.7	19.1	18.3	17.6	53.5	52.7	52.2	95.7	95.7	96.1	5
18.4	18.2	18.6	55.1	54.9	54.5	19.4	19.3	19.2	37.9	37.7	36.6	54.0	52.6	50.5	6
10.6	10.5	10.9	19.4	19.3	19.2	4.5	4.5	4.5	14.5	14.7	14.2	11.9	11.5	11.6	7
70.3	69.4	70.4	243.0	240.2	234.6	60.7	59.5	58.4	177.5	174.8	173.7	269.4	263.9	258.3	8
38.0	37.3	38.7	111.9	110.7	112.3	34.9	34.5	34.4	82.2	81.0	81.5	103.0	101.0	98.6	9
7.1	6.9	7.4	24.6	24.5	23.8	5.6	5.5	5.5	19.2	19.9	18.9	18.8	19.0	18.6	10
5.8	5.8	6.4	23.1	22.7	22.7	5.6	5.6	6.1	19.3	18.9	19.1	28.5	28.1	27.8	11
40.5	40.2	42.2	96.7	96.7	97.0	16.4	16.4	16.2	67.7	68.0	67.4	97.4	100.0	97.2	12
8.6	8.6	8.7	19.2	19.2	18.7	4.0	4.0	4.0	12.9	13.0	12.9	14.2	14.3	13.9	13
6.8	6.8	7.7	17.1	17.0	16.9	2.9	2.9	2.9	10.9	10.8	11.0	12.5	13.1	12.5	14
3.9	3.8	3.8	12.6	12.6	12.2	2.3	2.3	2.3	10.3	10.2	10.0	6.9	6.9	6.5	15
82.9	82.8	82.3	345.1	343.0	335.4	64.7	63.7	62.5	245.2	242.6	239.1	280.7	279.0	273.6	16
4.5	4.4	4.3	20.7	21.1	20.1	3.7	3.7	3.5	14.0	13.9	13.6	13.9	14.5	13.8	17
5.1	4.9	4.8	13.8	13.8	13.7	1.6	1.6	1.5	9.1	9.0	8.6	8.3	8.0	7.8	18
1.3	1.4	1.3	7.0	7.0	6.7	.7	.7	.7	5.6	5.6	5.2	5.3	5.3	5.1	19
2.2	2.2	2.2	7.4	7.7	7.2	.7	.7	.7	6.0	5.9	6.0	4.8	4.9	4.6	20
5.4	5.3	5.2	26.4	26.6	25.3	6.8	6.6	6.4	18.8	18.8	18.2	44.0	46.0	43.4	21
30.8	30.8	31.3	122.6	121.8	121.3	29.4	29.0	28.9	93.2	93.7	91.7	79.2	76.6	77.5	22
2.1	2.1	2.0	9.9	9.8	9.6	1.6	1.6	1.5	8.0	7.9	8.2	8.1	7.9	7.7	23
10.7	10.3	11.0	27.5	25.6	25.9	3.8	3.7	3.7	19.0	16.9	18.3	31.4	31.2	30.2	24
1.8	1.7	1.8	5.1	4.8	4.9	1.0	1.0	.9	2.9	2.9	2.9	4.0	3.9	3.9	25
2.6	2.5	2.7	4.5	4.3	4.0	.9	.9	1.0	3.2	3.1	3.2	6.2	6.0	6.0	26

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**
**C-1: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, 1947 to date**

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private ¹			Mining			Contract construction			Manufacturing			
1947	\$45.58	40.3	\$1.131	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$49.17	40.4	\$1.217	\$1.18
1948	49.00	40.0	1.225	65.56	39.4	1.664	65.27	38.1	1.713	53.12	40.0	1.328	1.29
1949	50.24	39.4	1.275	62.33	36.3	1.717	67.56	37.7	1.792	53.88	39.1	1.378	1.34
1950	53.13	39.8	1.335	67.16	37.9	1.772	69.68	37.4	1.863	58.32	40.5	1.440	1.39
1951	57.86	39.9	1.45	74.11	38.4	1.93	76.96	38.1	2.02	63.34	40.6	1.56	1.51
1952	60.65	39.9	1.52	77.59	38.6	2.01	82.86	38.9	2.13	67.16	40.7	1.65	1.59
1953	63.76	39.6	1.61	83.03	38.8	2.14	86.41	37.9	2.28	70.47	40.5	1.74	1.68
1954	64.52	39.1	1.65	82.60	38.6	2.14	88.91	37.2	2.39	70.49	39.6	1.78	1.73
1955	67.72	39.6	1.71	89.54	40.7	2.20	90.90	37.1	2.45	75.70	40.7	1.86	1.79
1956	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95	1.89
1957	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05	1.99
1958	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11	2.05
1959 ²	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19	2.12
1960	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26	2.20
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.44
1965	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.51
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83	2.72
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19	3.06
1970	119.46	37.1	3.22	163.97	42.7	3.84	196.35	37.4	5.25	133.73	39.8	3.36	3.24
1971	126.91	37.0	3.43	171.72	42.4	4.05	213.36	37.3	5.72	142.44	39.9	3.57	3.44
1971: July	127.94	37.3	3.43	172.53	42.6	4.05	216.41	38.1	5.68	142.09	39.8	3.57	3.45
Aug.	129.03	37.4	3.45	173.43	42.3	4.10	220.23	38.3	5.75	141.69	39.8	3.56	3.43
Sept.	129.13	37.0	3.49	174.72	42.1	4.15	216.23	36.9	5.86	143.28	39.8	3.60	3.46
Oct.	129.13	37.0	3.49	167.78	42.8	3.92	225.38	38.2	5.90	144.00	40.0	3.60	3.46
Nov.	128.76	37.0	3.48	165.82	42.3	3.92	223.61	37.9	5.90	144.72	40.2	3.60	3.47
Dec.	130.92	37.3	3.51	182.76	42.8	4.27	216.45	36.5	5.93	150.18	40.7	3.69	3.55
1972: Jan.	129.92	36.7	3.54	183.60	42.5	4.32	214.44	35.8	5.99	147.66	39.8	3.71	3.58
Feb.	130.64	36.8	3.55	181.02	42.0	4.31	215.28	36.0	5.98	149.17	40.1	3.72	3.59
Mar.	131.73	36.9	3.57	181.46	42.2	4.30	219.70	36.8	5.97	150.72	40.3	3.74	3.60
Apr.	133.20	37.0	3.60	184.44	42.4	4.35	219.23	36.6	5.99	152.69	40.5	3.77	3.62
May	133.21	36.9	3.61	183.17	42.4	4.32	221.90	36.8	6.03	153.50	40.5	3.79	3.64
June ^p	135.38	37.5	3.61	186.62	43.1	4.33	224.69	37.7	5.96	155.01	40.9	3.79	3.63
July ^p	136.47	37.7	3.62	185.75	42.7	4.35	228.27	38.3	5.96	153.50	40.5	3.79	3.64

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings
1947	-	-	-	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140	-	-	-
1948	-	-	-	40.80	40.4	1.010	45.48	37.9	1.200	-	-	-
1949	-	-	-	42.93	40.5	1.060	47.63	37.8	1.260	-	-	-
1950	-	-	-	44.55	40.5	1.100	50.52	37.7	1.340	-	-	-
1951	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-
1952	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-
1953	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-
1954	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-
1955	-	-	-	55.16	39.4	1.40	63.92	37.6	1.70	-	-	-
1956	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-
1957	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-
1958	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-
1959 ²	-	-	-	64.41	38.8	1.66	72.74	37.3	1.95	-	-	-
1960	-	-	-	66.01	38.6	1.71	75.14	37.2	2.02	-	-	-
1961	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-
1963	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-
1964	\$118.37	41.1	\$2.88	74.28	37.9	1.96	85.79	37.3	2.30	\$69.84	36.0	\$1.94
1965	125.14	41.3	3.03	76.53	37.7	2.03	88.91	37.2	2.39	73.60	35.9	2.05
1966	128.13	41.2	3.11	79.02	37.1	2.13	92.13	37.3	2.47	77.04	35.5	2.17
1967	131.22	40.5	3.24	81.76	36.5	2.24	95.46	37.0	2.58	80.38	35.1	2.29
1968	138.85	40.6	3.42	86.40	36.0	2.40	101.75	37.0	2.75	84.32	34.7	2.43
1969	148.15	40.7	3.64	91.14	35.6	2.56	108.79	37.1	2.93	90.57	34.7	2.61
1970	155.93	40.5	3.85	95.66	35.3	2.71	113.34	36.8	3.08	96.66	34.4	2.81
1971	169.24	40.2	4.21	100.74	35.1	2.87	121.36	37.0	3.28	102.26	34.2	2.99
1971: July	162.43	38.4	4.23	103.61	36.1	2.87	122.06	37.1	3.29	103.70	34.8	2.98
Aug.	172.98	40.7	4.25	103.68	36.0	2.88	123.09	37.3	3.30	103.75	34.7	2.99
Sept.	176.66	40.8	4.33	102.08	35.2	2.90	121.77	36.9	3.30	103.66	34.1	3.04
Oct.	174.56	40.5	4.31	101.85	35.0	2.91	122.47	37.0	3.31	103.32	34.1	3.03
Nov.	175.80	40.6	4.33	101.56	34.9	2.91	122.10	37.0	3.30	103.36	34.0	3.04
Dec.	179.05	40.6	4.41	103.31	35.5	2.91	123.58	37.0	3.34	104.65	34.2	3.06
1972: Jan.	177.51	39.8	4.46	103.06	34.7	2.97	126.82	37.3	3.40	104.75	33.9	3.09
Feb.	180.10	40.2	4.48	103.11	34.6	2.98	126.14	37.1	3.40	105.74	34.0	3.11
Mar.	180.90	40.2	4.50	104.05	34.8	2.99	126.51	37.1	3.41	105.74	34.0	3.11
Apr.	181.94	39.9	4.56	104.40	34.8	3.00	128.69	37.3	3.45	106.42	34.0	3.13
May	184.57	40.3	4.58	104.40	34.8	3.00	126.91	37.0	3.43	105.46	33.8	3.12
June ^p	186.76	40.6	4.60	106.80	35.6	3.00	127.22	37.2	3.42	106.67	34.3	3.11
July ^p	190.19	40.9	4.65	108.96	36.2	3.01	129.00	37.5	3.44	109.20	35.0	3.12

¹ For coverage of series, see footnote 1, table B-2.

² Data include Alaska and Hawaii 1959.

³ Prior to January 1956, data were based on the application of adjustment factors to gross average hourly earnings. (See Technical Note.)

^p preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	TOTAL PRIVATE	\$ 136.47	\$ 135.38	\$ 133.21	\$ 127.94	\$ 127.57	\$ 3.62	\$ 3.61	\$ 3.61	\$ 3.43	\$ 3.42
	MINING	185.75	186.62	183.17	172.53	172.10	4.35	4.33	4.32	4.05	4.04
10	METAL MINING.....	-	183.52	180.40	163.59	172.89	-	4.38	4.40	3.99	4.03
101	Iron ores.....	-	184.50	178.80	171.65	172.53	-	4.50	4.47	4.02	4.05
102	Copper ores.....	-	188.52	186.22	161.60	176.88	-	4.51	4.52	4.00	4.02
11,12	COAL MINING.....	-	215.06	214.35	191.28	192.85	-	5.22	5.19	(*)	4.75
12	Bituminous coal and lignite mining...	-	217.12	216.83	193.28	194.40	-	5.27	5.25	(*)	4.80
13	OIL AND GAS EXTRACTION.....	-	171.50	165.82	160.50	157.45	-	3.97	3.92	3.75	3.74
131,2	Crude petroleum and natural gas fields...	-	181.15	178.13	171.80	168.09	-	4.44	4.42	4.18	4.13
138	Oil and gas field services.....	-	164.33	157.32	152.15	149.56	-	3.66	3.60	3.45	3.47
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	180.78	175.11	172.70	171.59	-	3.93	3.90	3.73	3.69
142	Crushed and broken stone.....	-	183.85	178.33	175.31	173.88	-	3.92	3.86	3.66	3.63
	CONTRACT CONSTRUCTION	228.27	224.69	221.90	216.41	213.94	5.96	5.96	6.03	5.68	5.63
15	GENERAL BUILDING CONTRACTORS...	-	206.70	208.00	200.93	197.47	-	5.71	5.81	5.49	5.44
16	HEAVY CONSTRUCTION CONTRACTORS...	-	223.93	210.75	220.94	215.39	-	5.37	5.39	5.15	5.08
161	Highway and street construction.....	-	219.91	199.76	217.63	210.33	-	5.15	5.07	4.98	4.88
162	Heavy construction, n e c.....	-	227.92	220.00	224.81	220.18	-	5.60	5.67	5.34	5.28
17	SPECIAL TRADE CONTRACTORS.....	-	234.97	234.50	223.50	222.88	-	6.42	6.46	6.09	6.04
171	Plumbing, heating, air conditioning...	-	248.35	245.72	234.60	234.40	-	6.57	6.57	6.19	6.12
172	Painting, paper hanging, decorating...	-	200.33	204.62	193.84	194.86	-	5.79	5.88	5.57	5.52
173	Electrical work.....	-	271.36	268.93	251.75	252.29	-	7.03	7.04	6.66	6.57
174	Masonry, stonework, and plastering...	-	214.15	214.03	206.47	205.02	-	6.28	6.37	5.95	5.96
176	Roofing and sheetmetal work.....	-	183.95	186.06	184.79	181.07	-	5.66	5.69	5.31	5.31
	MANUFACTURING	153.50	155.01	153.50	142.09	143.51	3.79	3.79	3.79	3.57	3.57
19,24,25,32-39	DURABLE GOODS	164.82	168.06	166.04	151.98	155.04	4.02	4.04	4.03	3.79	3.80
20-23,26-31	NONDURABLE GOODS	138.85	137.66	135.88	129.63	128.44	3.48	3.45	3.44	3.29	3.26
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES.....	173.03	173.42	170.94	160.66	160.93	4.11	4.09	4.07	3.89	3.85
192	Ammunition, except for small arms...	168.89	170.89	169.26	158.15	157.21	4.05	4.04	4.03	3.82	3.77
1925	Complete guided missiles.....	-	198.88	195.73	188.79	186.19	-	4.52	4.51	4.33	4.29
1929	Ammunition, exc. for small arms, nec	-	144.13	143.67	133.06	134.13	-	3.55	3.53	3.36	3.32
24	LUMBER AND WOOD PRODUCTS	135.71	138.03	135.88	128.88	129.65	3.31	3.31	3.29	3.19	3.17
242	Sawmills and planing mills.....	131.93	133.44	131.56	123.93	124.75	3.21	3.20	3.17	3.06	3.05
2421	Sawmills and planing mills, general...	-	137.52	136.36	128.61	129.47	-	3.29	3.27	3.16	3.15
243	Millwork, plywood & related products...	145.12	146.09	142.83	136.01	136.78	3.48	3.47	3.45	3.35	3.32
2431	Millwork.....	-	139.19	133.96	130.98	131.14	-	3.42	3.40	3.25	3.23
2432	Veneer and plywood.....	-	149.90	149.82	136.15	140.37	-	3.47	3.46	3.37	3.35
244	Wooden containers.....	(*)	106.66	105.21	98.14	99.14	(*)	2.64	2.65	2.51	2.46
2441,2	Wooden boxes, shooks, and crates...	-	103.94	102.40	95.40	97.69	-	2.56	2.56	2.44	2.43
249	Miscellaneous wood products.....	(*)	119.13	118.56	112.06	111.66	(*)	2.85	2.85	2.76	2.73
25	FURNITURE AND FIXTURES	123.62	125.36	121.81	115.53	116.29	3.06	3.05	3.03	2.91	2.90
251	Household furniture.....	116.76	117.67	114.97	107.96	109.87	2.89	2.87	2.86	2.74	2.74
2511	Wood household furniture.....	-	112.32	109.61	102.66	105.11	-	2.70	2.68	2.56	2.57
2512	Upholstered household furniture....	-	124.43	122.36	110.78	115.25	-	3.08	3.09	2.90	2.94
2515	Mattresses and bedsprings.....	-	126.40	122.11	120.56	122.09	-	3.20	3.18	3.06	3.06
252	Office furniture.....	-	151.16	147.20	140.08	139.59	-	3.54	3.53	3.40	3.38
254	Partitions and fixtures.....	-	151.81	146.52	145.04	140.89	-	3.73	3.70	3.59	3.54
253,9	Other furniture and fixtures.....	133.20	135.34	131.93	123.64	121.21	3.33	3.35	3.34	3.13	3.10
32	STONE, CLAY, AND GLASS PRODUCTS ..	166.18	165.33	162.54	155.40	155.24	3.91	3.89	3.87	3.70	3.67
321	Flint glass.....	-	201.20	200.22	189.77	196.17	-	4.69	4.70	4.54	4.52
322	Glass and glassware, pressed or blown	(*)	161.96	162.38	154.57	152.28	(*)	3.96	3.98	3.77	3.76
3221	Glass containers.....	-	171.40	171.39	163.83	160.31	-	4.13	4.16	3.91	3.91
3229	Pressed and blown glass, n e c.....	-	148.00	149.51	140.94	140.14	-	3.70	3.71	3.55	3.53
324	Cement, hydraulic.....	(*)	221.75	215.37	199.03	195.25	(*)	5.23	5.14	4.75	4.66
325	Structural clay products.....	131.02	131.46	129.56	120.69	121.77	3.18	3.16	3.16	2.98	2.97
3251	Brick and structural clay tile.....	-	125.50	123.07	118.30	116.90	-	2.96	2.98	2.81	2.79
326	Pottery and related products.....	-	138.38	132.93	128.76	128.51	-	3.40	3.34	3.31	3.27
327	Concrete, gypsum, and plaster products.....	(*)	179.20	172.26	169.86	169.50	(*)	4.00	3.96	3.80	3.75
328,9	Other stone and nonmetallic mineral products.....	(*)	161.70	159.29	149.29	150.33	(*)	3.85	3.82	3.65	3.64
3291	Abrasive products.....	-	159.20	159.20	139.50	140.93	-	3.99	3.98	3.73	3.67

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971	July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971
-	TOTAL PRIVATE	37.7	37.5	36.9	37.3	37.3	-	-	-	-	-
-	MINING	42.7	43.1	42.4	42.6	42.6	-	-	-	-	-
10	METAL MINING	-	41.9	41.0	41.0	42.9	-	-	-	-	-
101	Iron ores	-	41.0	40.0	42.7	42.6	-	-	-	-	-
102	Copper ores	-	41.8	41.2	40.4	44.0	-	-	-	-	-
11,12	COAL MINING	-	41.2	41.3	(*)	40.6	-	-	-	-	-
12	Bituminous coal and lignite mining	-	41.2	41.3	(*)	40.5	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	43.2	42.3	42.8	42.1	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.8	40.3	41.1	40.7	-	-	-	-	-
138	Oil and gas field services	-	44.9	43.7	44.1	43.1	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.0	44.9	46.3	46.5	-	-	-	-	-
142	Crushed and broken stone	-	46.9	46.2	47.9	47.9	-	-	-	-	-
-	CONTRACT CONSTRUCTION	38.3	37.7	36.8	38.1	38.0	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	36.2	35.8	36.6	36.3	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	41.7	39.1	42.9	42.4	-	-	-	-	-
161	Highway and street construction	-	42.7	39.4	43.7	43.1	-	-	-	-	-
162	Heavy construction, n e c	-	40.7	38.8	42.1	41.7	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	36.6	36.3	36.7	36.9	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	37.8	37.4	37.9	38.3	-	-	-	-	-
172	Painting, paper hanging, decorating	-	34.6	34.8	34.8	35.3	-	-	-	-	-
173	Electrical work	-	38.6	38.2	37.8	38.4	-	-	-	-	-
174	Masonry, stonework, and plastering	-	34.1	33.6	34.7	34.4	-	-	-	-	-
176	Roofing and sheet metal work	-	32.5	32.7	34.8	34.1	-	-	-	-	-
-	MANUFACTURING	40.5	40.9	40.5	39.8	40.2	3.4	3.5	3.3	2.9	3.0
19,24,25,32-39	DURABLE GOODS	41.0	41.6	41.2	40.1	40.8	3.5	3.6	3.4	2.7	3.0
20-23,26-31	NONDURABLE GOODS	39.9	39.9	39.5	39.4	39.4	3.3	3.4	3.1	3.0	3.1
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	42.1	42.4	42.0	41.3	41.8	-	3.2	2.8	2.5	2.5
192	Ammunition, except for small arms	41.7	42.3	42.0	41.4	41.7	-	2.9	2.6	2.2	2.3
1925	Complete guided missiles	-	44.0	43.4	43.6	43.4	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	40.6	40.7	39.6	40.4	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	41.0	41.7	41.3	40.4	40.9	4.3	4.1	3.7	3.7	3.7
242	Sawmills and planing mills	41.1	41.7	41.5	40.5	40.9	4.5	4.6	3.9	3.9	3.9
2421	Sawmills and planing mills, general	-	41.8	41.7	40.7	41.1	-	-	-	-	-
243	Millwork, plywood & related products	41.7	42.1	41.4	40.6	41.2	4.4	3.8	3.9	3.7	3.7
2431	Millwork	-	40.7	39.4	40.3	40.6	-	-	-	-	-
2432	Veneer and plywood	-	43.2	43.3	40.4	41.9	-	-	-	-	-
244	Wooden containers	(*)	40.4	39.7	39.1	40.3	3.7	3.5	3.0	3.3	3.3
2441,2	Wooden boxes, shooks, and crates	-	40.6	40.0	39.1	40.2	-	3.7	3.5	3.0	3.3
249	Miscellaneous wood products	(*)	41.8	41.6	40.6	40.9	4.3	4.1	3.5	3.4	3.4
25	FURNITURE AND FIXTURES	40.4	41.1	40.2	39.7	40.1	-	3.4	3.0	2.4	2.6
251	Household furniture	40.4	41.0	40.2	39.4	40.1	-	3.3	3.0	2.2	2.6
2511	Wood household furniture	-	41.6	40.9	40.1	40.9	-	3.8	3.5	2.5	3.1
2512	Upholstered household furniture	-	40.4	39.6	38.2	39.2	-	-	-	-	-
2515	Mattresses and bedspings	-	39.5	38.4	39.4	39.9	-	-	-	-	-
252	Office furniture	-	42.7	41.7	41.2	41.3	-	5.0	4.0	3.5	3.4
254	Partitions and fixtures	-	40.7	39.6	40.4	39.8	-	3.1	2.6	3.0	2.3
253,9	Other furniture and fixtures	40.0	40.4	39.5	39.5	39.1	-	3.1	2.6	2.3	1.9
32	STONE, CLAY, AND GLASS PRODUCTS	42.5	42.5	42.0	42.0	42.3	-	4.9	4.5	4.8	4.9
321	Flat glass	-	42.9	42.6	41.8	43.4	-	4.2	3.6	4.2	4.0
322	Glass and glassware, pressed or blown	(*)	40.9	40.8	41.0	40.5	-	4.1	4.2	4.6	4.5
3221	Glass containers	-	41.5	41.2	41.9	41.0	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	40.0	40.3	39.7	39.7	-	3.2	3.2	3.0	3.5
324	Cement, hydraulic	(*)	42.4	41.9	41.9	41.9	-	3.3	3.1	3.0	3.3
325	Structural clay products	41.2	41.6	41.0	40.5	41.0	-	4.1	3.9	4.1	4.0
3251	Brick and structural clay tile	-	42.4	41.3	42.1	41.9	-	-	-	-	-
326	Pottery and related products	-	40.7	39.8	38.9	39.3	-	2.8	2.2	2.1	2.0
327	Concrete, gypsum and plaster products	(*)	44.8	43.5	44.7	45.2	-	7.3	6.5	7.1	7.4
328,9	Other stone and nonmetallic mineral products	(*)	42.0	41.7	40.9	41.3	-	4.0	3.8	3.5	3.6
3291	Abrasive products	-	39.9	40.0	37.4	38.4	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	\$192.98	\$193.95	\$191.73	\$170.53	\$173.87	\$4.65	\$4.64	\$4.62	\$4.19	\$4.21
331	Blast furnace and basic steel products ..	(*)	205.67	204.68	178.35	183.46	(*)	4.98	4.98	4.35	4.41
3312	Blast furnaces and steel mills	-	208.28	207.77	179.93	185.47	-	5.08	5.08	4.41	4.48
332	Iron and steel foundries	(*)	183.58	182.28	164.02	162.81	(*)	4.34	4.34	4.04	4.01
3321	Gray iron foundries	-	185.75	184.86	166.05	164.42	-	4.35	4.36	4.05	4.03
3322	Malleable iron foundries	-	195.43	198.69	174.10	173.69	-	4.62	4.61	4.32	4.31
3323	Steel foundries	-	173.06	167.27	154.82	155.54	-	4.17	4.12	3.89	3.85
333,4	Nonferrous metals	(*)	185.59	180.98	170.16	166.01	(*)	4.44	4.34	4.13	4.01
3334	Primary aluminum	-	207.92	199.48	183.60	180.80	-	5.01	4.83	4.59	4.52
335	Nonferrous rolling and drawing	183.16	184.90	180.20	163.17	164.69	4.33	4.31	4.25	3.97	3.94
3351	Copper rolling and drawing	-	182.29	178.88	166.72	174.40	-	4.21	4.16	3.96	4.00
3352	Aluminum rolling and drawing	-	193.50	186.59	170.15	164.43	-	4.50	4.38	4.14	4.07
3357	Nonferrous wire drawing and insulating ..	-	180.20	177.24	156.70	160.09	-	4.23	4.20	3.85	3.83
336	Nonferrous foundries	156.79	160.31	159.96	144.60	147.57	3.91	3.91	3.94	3.67	3.68
3361	Aluminum castings	-	164.42	167.28	145.11	151.13	-	4.02	4.09	3.74	3.75
3362,9	Other nonferrous castings	-	154.98	151.55	143.20	143.64	-	3.78	3.77	3.58	3.60
339	Miscellaneous primary metal products ...	(*)	201.29	198.19	173.66	181.08	(*)	4.77	4.73	4.43	4.46
3391	Iron and steel forgings	-	211.60	207.00	179.33	188.20	-	5.05	5.00	4.61	4.67
34	FABRICATED METAL PRODUCTS	163.17	165.17	162.76	150.72	153.38	3.97	3.98	3.96	3.74	3.75
341	Metal cans	(*)	213.44	202.96	203.39	198.01	(*)	4.84	4.72	4.54	4.49
342	Cutlery, hand tools, and hardware	(*)	152.63	155.39	139.79	142.44	(*)	3.75	3.79	3.53	3.57
3421,3,5	Cutlery and hand tools, incl. saws	-	147.65	147.33	136.67	137.31	-	3.61	3.62	3.46	3.45
3429	Hardware, n e c	-	156.31	160.70	142.16	146.00	-	3.85	3.91	3.59	3.65
343	Plumbing and heating, except electric ...	(*)	148.19	144.80	137.60	138.23	(*)	3.65	3.62	3.44	3.43
3431,2	Sanitary ware & plumbers' brass goods ..	-	149.74	147.46	139.25	140.13	-	3.67	3.65	3.49	3.46
3433	Heating equipment, except electric	-	146.29	142.52	136.28	137.08	-	3.63	3.59	3.39	3.41
344	Fabricated structural metal products	159.17	161.13	158.36	150.22	151.29	3.93	3.93	3.91	3.70	3.69
3441	Fabricated structural steel	-	168.90	167.27	157.63	157.54	-	4.06	4.05	3.78	3.76
3442	Metal doors, sash, and trim	-	129.28	128.24	125.11	125.64	-	3.24	3.19	3.12	3.11
3443	Fabricated plate work (boiler shops) ..	-	169.33	163.17	152.47	159.06	-	4.13	4.11	3.86	3.87
3444	Sheet metal work	-	174.68	171.32	162.39	161.19	-	4.25	4.32	3.99	3.98
3446,9	Architectural and misc. metal work ...	-	156.04	153.00	143.67	141.50	-	3.76	3.75	3.53	3.52
345	Screw machine products, bolts, etc.	(*)	169.34	167.38	148.74	150.14	(*)	3.92	3.92	3.70	3.68
3451	Screw machine products	-	164.26	159.22	145.60	148.06	-	3.82	3.80	3.64	3.62
3452	Bolts, nuts, rivets, and washers	-	174.47	174.47	151.53	152.50	-	4.02	4.02	3.76	3.74
346	Metal stampings	(*)	187.88	183.56	160.80	169.33	(*)	4.40	4.36	4.02	4.10
347	Metal services, n e c	132.59	135.33	135.29	127.87	131.93	3.48	3.47	3.46	3.33	3.34
348	Misc. fabricated wire products	(*)	147.33	144.02	135.07	134.46	(*)	3.55	3.53	3.36	3.32
349	Misc. fabricated metal products	(*)	159.47	158.67	146.43	148.30	(*)	3.88	3.87	3.67	3.68
3494,8	Valves, pipe, and pipe fittings	-	162.72	160.70	148.10	150.75	-	3.94	3.91	3.74	3.75
35	MACHINERY, EXCEPT ELECTRICAL	176.81	179.77	176.81	161.20	162.39	4.24	4.26	4.24	4.00	3.99
351	Engines and turbines	(*)	198.79	196.18	179.25	178.85	(*)	4.79	4.75	4.47	4.46
3511	Steam engines and turbines	-	197.47	195.29	195.05	193.64	-	4.84	4.81	4.70	4.70
3519	Internal combustion engines, n e c	-	199.39	196.82	172.22	171.86	-	4.77	4.72	4.36	4.34
352	Farm machinery	-	181.81	180.07	160.38	163.62	-	4.36	4.36	4.05	4.05
353	Construction and related machinery	174.23	178.93	174.70	158.80	160.39	4.26	4.25	4.23	3.97	3.97
3531,2	Construction and mining machinery	-	188.68	182.13	164.39	168.50	-	4.45	4.41	4.12	4.14
3533	Oil field machinery	-	170.56	171.94	156.04	155.12	-	3.93	3.98	3.76	3.72
3535,6	Conveyors, hoists, cranes, monorails ..	-	169.33	166.87	154.35	149.69	-	4.09	4.08	3.83	3.78
3537	Industrial trucks and tractors	-	158.40	157.60	140.23	139.83	-	4.00	4.00	3.70	3.67
354	Metal working machinery	194.74	198.34	198.26	173.75	172.55	4.55	4.57	4.60	4.29	4.25
3541	Machine tools, metal cutting types	-	193.00	186.01	162.21	160.68	-	4.52	4.45	4.17	4.12
3544	Special dies, tools, jigs & fixtures	-	221.93	225.64	191.44	191.10	-	4.91	4.97	4.58	4.55
3545	Machine tool accessories	-	178.50	172.22	163.98	157.18	-	4.20	4.17	4.12	4.02
3542,8	Misc. metal working machinery	-	173.04	171.77	156.82	159.18	-	4.20	4.21	3.95	3.94
355	Special industry machinery	169.71	170.85	165.98	151.20	152.63	4.06	4.02	3.99	3.78	3.75
3551	Food products machinery	-	175.55	173.06	157.18	155.60	-	4.15	4.16	3.91	3.89
3552	Textile machinery	-	138.65	134.13	121.79	128.15	-	3.39	3.37	3.18	3.18
3555	Printing trades machinery	-	207.48	199.79	174.28	175.56	-	4.56	4.51	4.23	4.18
356	General industrial machinery	(*)	180.19	175.97	160.40	161.20	(*)	4.27	4.23	4.01	3.99
3561	Pumps and compressors	-	177.21	171.40	155.61	159.06	-	4.15	4.13	3.90	3.87
3562	Ball and roller bearings	-	190.48	187.88	168.08	165.59	-	4.44	4.40	4.15	4.15
3564	Blowers and fans	-	158.32	154.37	150.14	155.17	-	3.89	3.84	3.68	3.73
3566	Power transmission equipment	-	183.18	179.35	161.60	159.60	-	4.30	4.25	4.04	4.00
357	Office and computing machines	(*)	175.10	171.35	163.94	164.69	(*)	4.12	4.07	3.96	3.94
3573	Electronic computing equipment	-	182.28	178.07	174.58	175.74	-	4.20	4.18	4.06	4.04
358	Service industry machines	(*)	155.50	154.73	147.17	145.52	(*)	3.83	3.83	3.67	3.62
3585	Refrigeration machinery	-	155.90	154.77	151.47	148.34	-	3.84	3.85	3.74	3.69
359	Misc. machinery, except electrical	(*)	171.36	170.13	157.08	160.63	(*)	4.08	4.07	3.85	3.88

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.5	41.8	41.5	40.7	41.3	-	3.8	3.5	2.8	3.4
331	Blast furnace and basic steel products	(*)	41.3	41.1	41.0	41.6	-	2.8	2.6	2.5	3.2
3312	Blast furnaces and steel mills	-	41.0	40.9	40.8	41.4	-	2.5	2.3	2.3	3.1
332	Iron and steel foundries	(*)	42.3	42.0	40.6	40.6	-	4.8	4.9	3.3	3.5
3321	Gray iron foundries	-	42.7	42.4	41.0	40.8	-	5.2	5.4	3.7	3.8
3322	Malleable iron foundries	-	42.3	43.1	40.3	40.3	-	-	-	-	-
3323	Steel foundries	-	41.5	40.6	39.8	40.4	-	3.6	2.9	2.3	2.8
333,4	Nonferrous metals	(*)	41.8	41.7	41.2	41.4	-	3.8	3.7	3.7	4.0
3334	Primary aluminum	-	41.5	41.3	40.0	40.0	-	-	-	-	-
335	Nonferrous rolling and drawing	42.3	42.9	42.4	41.1	41.8	-	5.2	4.6	3.5	4.1
3351	Copper rolling and drawing	-	43.3	43.0	42.1	43.6	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.0	42.6	41.1	40.4	-	5.5	4.7	3.8	4.0
3357	Nonferrous wire drawing and insulating	-	42.6	42.2	40.7	41.8	-	4.8	4.5	3.0	3.8
336	Nonferrous foundries	40.1	41.0	40.6	39.4	40.1	-	3.4	3.4	2.2	2.7
3361	Aluminum castings	-	40.9	40.9	38.8	40.3	-	-	-	-	-
3362,9	Other nonferrous castings	-	41.0	40.2	40.0	39.9	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	42.2	41.9	39.2	40.6	-	4.8	4.6	2.5	3.4
3391	Iron and steel forgings	-	41.9	41.4	38.9	40.3	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.1	41.5	41.1	40.3	40.9	-	3.7	3.3	3.0	3.1
341	Metal cans	(*)	44.1	43.0	44.8	44.1	-	5.3	3.7	5.6	4.6
342	Cutlery, hand tools, and hardware	(*)	40.7	41.0	39.6	39.9	-	2.9	2.9	1.9	2.3
3421,3,5	Cutlery and hand tools, incl. saws	-	40.9	40.7	39.5	39.8	-	-	-	-	-
3429	Hardware, n e c	-	40.6	41.1	39.6	40.0	-	-	-	-	-
343	Plumbing and heating, except electric	(*)	40.6	40.0	40.0	40.3	-	2.8	2.6	2.7	2.7
3431,2	Sanitary ware & plumbers' brass goods	-	40.8	40.4	39.9	40.5	-	-	-	-	-
3433	Heating equipment, except electric	-	40.3	39.7	40.2	40.2	-	-	-	-	-
344	Fabricated structural metal products	40.5	41.0	40.5	40.6	41.0	-	3.1	2.7	3.2	3.1
3441	Fabricated structural steel	-	41.6	41.3	41.7	41.9	-	3.3	3.2	4.0	3.9
3442	Metal doors, sash, and trim	-	39.9	40.2	40.1	40.4	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	41.0	39.7	39.5	41.1	-	2.7	1.7	2.5	3.0
3444	Sheet metal work	-	41.1	40.5	40.7	40.5	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.5	40.8	40.7	40.2	-	-	-	-	-
345	Screw machine products, bolts, etc.	(*)	43.2	42.7	40.2	40.8	-	5.1	4.6	2.7	2.7
3451	Screw machine products	-	43.0	41.9	40.0	40.9	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	43.4	43.4	40.3	40.8	-	-	-	-	-
346	Metal stampings	(*)	42.7	42.1	40.0	41.3	-	4.4	3.8	2.8	3.5
347	Metal services, n e c	38.1	39.0	39.1	38.4	39.5	-	4.7	4.3	3.1	3.8
348	Misc. fabricated wire products	(*)	41.5	40.8	40.2	40.5	-	3.5	3.4	2.9	2.9
349	Misc. fabricated metal products	(*)	41.1	41.0	39.9	40.3	-	3.4	3.2	2.5	2.6
3494,8	Valves, pipe, and pipe fittings	-	41.3	41.1	39.6	40.2	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	41.7	42.2	41.7	40.3	40.7	-	3.9	3.6	2.5	2.6
351	Engines and turbines	(*)	41.5	41.3	40.1	40.1	-	3.9	3.7	3.4	3.2
3511	Steam engines and turbines	-	40.8	40.6	41.5	41.2	-	-	-	-	-
3519	Internal combustion engines, n e c	-	41.8	41.7	39.5	39.6	-	-	-	-	-
352	Farm machinery	-	41.7	41.3	39.6	40.4	-	4.6	4.0	2.0	2.3
353	Construction and related machinery	40.9	42.1	41.3	40.0	40.4	-	3.5	3.1	2.3	2.6
3531,2	Construction and mining machinery	-	42.4	41.3	39.9	40.7	-	3.4	2.8	2.2	2.7
3533	Oil field machinery	-	43.4	43.2	41.5	41.7	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	41.4	40.9	40.3	39.6	-	-	-	-	-
3537	Industrial trucks and tractors	-	39.6	39.4	37.9	38.1	-	-	-	-	-
354	Metal working machinery	42.8	43.4	43.1	40.5	40.6	-	4.9	4.7	2.7	2.5
3541	Machine tools, metal cutting types	-	42.7	41.8	38.9	39.0	-	4.2	3.3	1.6	1.4
3544	Special dies, tools, jigs, & fixtures	-	45.2	45.4	41.8	42.0	-	-	-	-	-
3545	Machine tool accessories	-	42.5	41.3	39.8	39.1	-	3.3	2.7	1.3	1.1
3542,8	Misc. metal working machinery	-	41.2	40.8	39.7	40.4	-	-	-	-	-
355	Special industry machinery	41.8	42.5	41.6	40.0	40.7	-	3.8	3.3	2.2	2.5
3551	Food products machinery	-	42.3	41.6	40.2	40.0	-	-	-	-	-
3552	Textile machinery	-	40.9	39.8	38.3	40.3	-	-	-	-	-
3555	Printing trades machinery	-	45.5	44.3	41.2	42.0	-	-	-	-	-
356	General industrial machinery	(*)	42.2	41.6	40.0	40.4	-	4.0	3.4	2.3	2.3
3561	Pumps and compressors	-	42.7	41.5	39.9	41.1	-	4.1	3.2	2.5	2.6
3562	Ball and roller bearings	-	42.9	42.7	40.5	39.9	-	4.6	4.4	1.7	1.7
3564	Blowers and fans	-	40.7	40.2	40.8	41.6	-	-	-	-	-
3566	Power transmission equipment	-	42.6	42.2	40.0	39.9	-	4.2	3.9	2.2	1.9
357	Office and computing machines	(*)	42.5	42.1	41.4	41.8	-	3.0	2.6	2.5	2.4
3573	Electronic computing equipment	-	43.4	42.6	43.0	43.5	-	-	-	-	-
358	Service industry machines	(*)	40.6	40.4	40.1	40.2	-	2.7	2.2	2.3	1.9
3585	Refrigeration machinery	-	40.6	40.2	40.5	40.2	-	2.6	1.9	2.4	1.9
359	Misc. machinery, except electrical	(*)	42.0	41.8	40.8	41.4	-	4.1	4.2	3.0	3.7

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.0	40.7	40.3	39.6	40.1	-	2.5	2.4	1.9	2.1
361	Electric test & distributing equipment	41.4	41.4	41.0	40.6	40.6	-	2.9	2.7	2.3	2.2
3611	Electric measuring instruments	-	41.6	40.7	39.7	40.0	-	2.7	2.5	1.4	1.5
3612	Transformers	-	40.8	40.6	39.8	40.0	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	41.6	41.6	41.6	41.4	-	-	-	-	-
362	Electrical industrial apparatus	(*)	41.6	41.1	40.2	40.2	-	3.1	2.9	2.3	2.3
3621	Motors and generators	-	41.8	41.3	40.5	40.4	-	3.1	2.7	2.7	2.5
3622	Industrial controls	-	40.6	40.4	39.4	39.7	-	2.5	2.4	1.3	1.7
363	Household appliances	40.5	40.7	40.9	40.4	40.9	-	2.4	2.6	2.5	2.8
3632	Household refrigerators and freezers	-	41.7	42.1	41.4	41.8	-	-	-	-	-
3633	Household laundry equipment	-	41.0	40.3	40.3	41.6	-	-	-	-	-
3634	Electric housewares and fans	-	39.1	39.7	39.0	39.5	-	1.9	2.1	1.8	1.7
364	Electric lighting and wiring equipment	39.5	40.0	40.0	38.7	39.5	-	2.4	2.3	1.5	1.7
3641	Electric lamps	-	40.0	40.1	39.5	39.3	-	2.0	1.9	1.1	1.5
3642	Lighting fixtures	-	39.5	39.7	38.1	39.2	-	2.4	2.5	1.7	1.6
3643,4	Wiring devices	-	40.3	40.3	38.8	39.8	-	2.5	2.4	1.6	1.8
365	Radio and TV receiving equipment	(*)	39.2	38.5	38.3	38.8	-	1.8	1.6	1.1	1.5
366	Communication equipment	(*)	41.0	40.4	39.7	40.4	-	2.4	1.9	1.7	2.2
3661	Telephone and telegraph apparatus	-	40.4	39.9	38.8	39.8	-	-	-	-	-
3662	Radio and TV communication equipment	-	41.5	40.8	40.5	40.9	-	2.8	2.4	2.2	2.6
367	Electronic components and accessories	(*)	40.3	40.0	38.8	39.7	-	2.4	2.4	1.6	1.9
3671-3	Electron tubes	-	40.2	40.3	37.9	39.9	-	1.8	2.9	1.1	1.8
3674,9	Other electronic components	-	40.3	39.9	39.0	39.6	-	2.5	2.4	1.7	1.9
369	Misc. electrical equipment & supplies	(*)	41.6	40.8	40.3	40.4	-	2.9	2.8	2.2	2.2
3694	Engine electrical equipment	-	42.0	40.6	40.7	40.5	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	40.8	42.1	42.1	39.4	41.5	-	4.0	4.0	2.7	3.2
371	Motor vehicles and equipment	(*)	43.2	43.3	38.9	42.4	-	4.9	4.9	2.9	3.8
3711	Motor vehicles	-	43.5	43.0	36.8	42.5	-	4.8	4.7	2.8	3.4
3712	Passenger car bodies	-	42.0	44.0	38.9	42.7	-	-	-	-	-
3713	Truck and bus bodies	-	40.9	41.3	39.6	39.7	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	43.6	43.9	40.7	42.7	-	5.2	5.4	3.0	4.1
3715	Truck trailers	-	40.4	40.4	39.7	39.8	-	-	-	-	-
372	Aircraft and parts	41.6	41.5	41.4	40.5	40.7	-	2.7	2.6	2.0	2.1
3721	Aircraft	-	41.6	41.5	40.7	41.5	-	2.3	2.3	1.9	2.2
3722	Aircraft engines and engine parts	-	40.5	40.4	39.4	39.3	-	2.6	2.3	1.7	1.5
3723,9	Other aircraft parts and equipment	-	42.6	42.4	41.5	40.7	-	3.9	3.8	2.8	2.5
373	Ship and boat building and repairing	(*)	40.2	39.7	39.0	39.5	-	3.2	2.9	2.7	3.1
3731	Ship building and repairing	-	40.0	39.5	38.9	39.2	-	-	-	-	-
3732	Boat building and repairing	-	40.7	40.3	38.2	39.8	-	-	-	-	-
374	Railroad equipment	-	39.0	39.6	40.5	40.0	-	1.8	2.0	3.7	3.3
375,9	Other transportation equipment	-	40.3	40.1	39.8	40.4	-	3.2	3.3	3.0	3.1
38	INSTRUMENTS AND RELATED PRODUCTS	40.1	40.8	40.5	39.5	39.8	-	2.6	2.5	1.8	1.9
381	Engineering & scientific instruments	-	41.7	41.2	38.7	39.8	-	3.2	2.9	1.9	2.0
382	Mechanical measuring & control devices	(*)	40.5	39.9	39.0	39.1	-	2.6	2.4	1.9	1.8
3821	Mechanical measuring devices	-	40.3	39.9	39.0	39.3	-	2.4	2.4	1.7	1.8
3822	Automatic temperature controls	-	40.7	39.8	39.0	38.9	-	2.8	2.3	2.2	1.8
383,5	Optical and ophthalmic goods	(*)	40.2	40.1	40.0	40.1	-	2.3	2.5	2.0	2.0
385	Ophthalmic goods	-	39.8	39.8	39.9	39.6	-	2.3	2.5	1.9	1.8
384	Medical instruments and supplies	(*)	40.7	40.6	39.0	39.9	-	2.5	2.4	1.8	2.0
386	Photographic equipment and supplies	(*)	41.9	41.5	40.7	40.6	-	3.1	2.7	1.9	2.1
387	Watches, clocks, and watch cases	-	39.4	39.3	38.7	39.1	-	1.9	1.7	1.0	1.2
39	MISC. MANUFACTURING INDUSTRIES	38.6	39.6	39.2	38.6	38.8	-	2.4	2.4	1.8	2.1
391	Jewelry, silverware, and plated ware	(*)	39.5	39.4	38.0	38.9	-	2.7	2.8	1.2	2.4
394	Toys and sporting goods	-	39.2	39.1	38.7	38.3	-	2.1	2.4	2.2	1.9
3941-3	Games, toys, dolls, & play vehicles	-	38.8	37.8	38.1	37.9	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	39.7	40.4	39.5	38.8	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	41.1	40.3	39.6	39.3	-	2.4	2.6	1.5	1.3
396	Costume jewelry and notions	-	39.3	39.1	38.7	39.2	-	2.6	2.4	1.7	2.3
393,9	Other manufacturing industries	(*)	39.6	39.2	38.5	39.0	-	2.5	2.2	1.8	2.1
393	Musical instruments and parts	-	39.7	39.5	37.4	39.9	-	2.4	1.9	1.3	2.2
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	41.1	40.7	40.2	40.6	40.5	-	4.0	3.7	4.1	4.0
201	Meat products	(*)	40.5	40.1	40.9	41.1	-	4.2	3.9	4.6	4.6
2011	Meat packing plants	-	41.4	41.1	42.5	42.7	-	4.4	4.2	5.3	5.1
2013	Sausages and other prepared meats	-	40.4	40.3	40.9	40.4	-	-	-	-	-
2015	Poultry dressing plants	-	39.2	38.4	38.6	39.0	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	42.4	42.2	41.8	42.2	42.1	-	4.3	4.1	4.4	4.4
2024	Ice cream and frozen desserts.....	-	42.2	41.1	42.4	41.9	-	-	-	-	-
2026	Fluid milk.....	-	42.1	42.0	42.4	42.0	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	37.9	38.4	37.8	37.4	-	2.8	3.0	2.9	2.8
2031,6	Canned, cured and frozen sea foods.....	-	33.0	34.5	35.0	36.9	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	38.8	39.3	38.3	36.8	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	38.5	39.5	36.8	38.2	-	-	-	-	-
204	Grain mill products.....	(*)	45.1	43.4	45.3	44.8	-	6.8	5.6	6.9	6.3
2041	Flour and other grain mill product.....	-	46.0	45.6	45.7	45.6	-	-	-	-	-
2042	Prepared feeds for animals and fowls.....	-	46.6	44.1	47.5	46.8	-	-	-	-	-
205	Bakery products.....	(*)	40.1	39.6	39.9	39.6	-	3.6	3.4	3.4	3.3
2051	Bread, cake, and related products.....	-	39.8	39.5	39.8	39.6	-	-	-	-	-
2052	Cookies and crackers.....	-	41.0	40.1	40.2	39.7	-	-	-	-	-
206	Sugar.....	-	41.7	40.8	40.1	39.7	-	3.4	3.0	4.3	4.3
207	Confectionery and related products.....	(*)	39.3	39.4	39.1	39.4	-	2.3	2.5	2.1	2.2
2071	Confectionery products.....	-	39.5	39.2	38.5	39.2	-	-	-	-	-
208	Beverages.....	(*)	41.4	39.8	41.9	40.9	-	4.4	3.4	4.6	4.0
2082	Malt liquors.....	-	42.8	40.9	42.5	42.1	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	41.6	39.3	42.3	41.0	-	-	-	-	-
209	Misc. foods and kindred products.....	(*)	41.8	41.6	41.2	41.5	-	4.6	4.5	4.1	4.6
21	TOBACCO MANUFACTURES	33.7	34.8	33.5	39.3	36.8	-	.5	.4	3.6	1.8
211	Cigarettes.....	-	33.0	31.2	40.7	36.1	-	.2	0	5.3	2.1
212	Cigars.....	-	37.8	37.5	37.3	37.4	-	1.1	1.2	1.2	1.5
22	TEXTILE MILL PRODUCTS	41.1	41.7	41.1	40.1	41.0	-	4.5	4.1	3.5	4.0
221	Weaving mills, cotton.....	42.4	42.4	41.2	40.4	40.6	-	5.0	4.3	3.6	4.0
222	Weaving mills, synthetics.....	(*)	43.3	42.7	42.1	41.9	-	5.3	4.9	4.2	4.2
223	Weaving and finishing mills, wool.....	(*)	42.0	41.4	38.6	39.7	-	4.2	3.9	2.3	2.7
224	Narrow fabric mills.....	(*)	40.8	40.6	39.3	40.7	-	3.6	2.8	2.6	2.9
225	Knitting mills.....	39.0	39.2	38.8	38.0	38.9	-	3.1	3.0	2.7	2.9
2251	Women's hosiery, except socks.....	-	38.1	36.3	34.4	36.0	-	-	-	-	-
2252	Hosiery, n e c.....	-	38.5	37.9	37.0	38.0	-	-	-	-	-
2253	Knit outerwear mills.....	-	38.4	38.4	38.4	38.8	-	-	-	-	-
2254	Knit underwear mills.....	-	39.3	38.5	38.0	38.6	-	-	-	-	-
226	Textile finishing, except wool.....	(*)	42.9	42.7	39.7	42.7	-	5.3	5.1	4.3	5.2
227	Floor covering mills.....	-	43.0	41.9	41.9	43.3	-	5.3	4.2	4.8	5.2
228	Yarn and thread mills.....	(*)	42.2	42.0	41.6	42.3	-	4.8	4.7	4.1	4.7
229	Miscellaneous textile goods.....	42.8	42.7	42.3	41.0	42.6	-	5.0	4.4	3.5	4.6
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.2	36.0	35.6	35.8	35.5	-	1.4	1.3	1.1	1.3
231	Men's and boys' suits and coats.....	(*)	36.2	36.3	35.4	34.1	-	1.0	1.2	.3	.7
232	Men's and boys' furnishings.....	(*)	37.1	36.6	36.9	37.1	-	1.4	1.3	1.1	1.4
2321	Men's and boys' shirts and nightwear.....	-	36.6	36.1	36.2	36.5	-	1.3	1.2	.9	1.2
2327	Men's and boys' separate trousers.....	-	36.9	36.2	37.5	37.6	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	37.9	37.1	37.3	37.0	-	1.5	1.2	.9	1.3
233	Women's and misses' outerwear.....	(*)	33.6	33.4	33.9	33.2	-	1.1	1.1	1.1	1.0
2331	Women's and misses' blouses and waists.....	-	35.2	34.8	35.2	33.6	-	-	-	-	-
2335	Women's and misses' dresses.....	-	31.9	32.2	32.6	32.1	-	1.0	1.1	1.0	1.0
2337	Women's and misses' suits and coats.....	-	34.0	32.5	34.2	33.1	-	1.2	1.1	1.3	1.1
2339	Women's and misses' outerwear, n e c.....	-	36.3	35.9	35.9	35.6	-	1.2	1.2	1.2	1.0
234	Women's and children's undergarments.....	(*)	36.9	36.1	36.0	36.0	-	1.5	1.2	1.1	1.2
2341	Women's and children's underwear.....	-	36.7	35.9	35.9	36.0	-	-	-	-	-
2342	Corsets and allied garments.....	-	37.6	36.5	36.2	36.1	-	-	-	-	-
235	Hats, caps, and millinery.....	-	35.7	35.6	36.1	36.1	-	.9	1.4	1.1	.7
236	Children's outerwear.....	(*)	36.1	34.9	36.0	36.4	-	1.2	.9	1.5	1.5
2361	Children's dresses and blouses.....	-	36.0	34.7	36.1	36.6	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel.....	-	36.3	36.0	35.6	35.9	-	1.1	1.0	.8	.9
239	Misc. fabricated textile products.....	(*)	38.2	38.0	38.1	38.1	-	2.3	1.9	2.0	2.0
2391,2	Housefurnishings.....	-	38.1	37.5	38.2	38.0	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	42.8	42.9	42.5	42.4	42.3	-	5.0	4.7	4.7	4.6
261,2,6	Paper and pulp mills.....	(*)	44.1	44.2	44.7	44.0	-	6.1	6.1	6.0	5.8
263	Paperboard mills.....	(*)	44.9	44.7	44.2	44.3	-	7.4	7.1	7.1	7.1
264	Misc. converted paper products.....	41.1	41.7	41.1	40.6	41.1	-	3.6	3.3	3.4	3.2
2643	Bags, except textile bags.....	-	41.1	40.6	40.6	40.2	-	-	-	-	-
265	Paperboard containers and boxes.....	41.8	42.0	41.2	41.1	41.0	-	4.5	3.8	3.8	3.7
2651,2	Folding and setup paperboard boxes.....	-	41.1	40.3	40.0	40.0	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	42.9	41.9	41.9	41.7	-	5.4	4.6	4.6	4.4
2654	Sanitary food containers.....	-	41.7	41.4	42.2	41.2	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$171.52	\$169.48	\$167.70	\$158.30	\$158.34	\$4.49	\$4.46	\$4.46	\$4.21	\$4.20
271	Newspapers	178.14	177.43	176.58	163.55	164.37	4.99	4.97	4.96	4.62	4.63
272	Periodicals	-	193.64	185.60	173.84	172.30	-	4.70	4.64	4.39	4.34
273	Books	-	155.63	156.01	149.71	148.54	-	3.95	3.91	3.79	3.77
275	Commercial printing	(*)	173.38	171.97	162.78	162.89	(*)	4.48	4.49	4.25	4.22
2751	Commercial printing, ex. lithographic	-	166.80	164.54	156.24	157.49	-	4.31	4.33	4.09	4.08
2752	Commercial printing, lithographic	-	183.83	183.44	173.76	171.00	-	4.75	4.74	4.49	4.43
278	Blankbooks and bookbinding	(*)	127.49	126.49	123.84	122.29	(*)	3.32	3.32	3.18	3.16
274,6,7,9	Other publishing & printing ind.	(*)	167.09	164.75	155.32	154.95	(*)	4.34	4.37	4.12	4.11
28	CHEMICALS AND ALLIED PRODUCTS	177.24	176.40	173.06	164.79	164.30	4.23	4.20	4.16	3.99	3.94
281	Industrial chemicals	(*)	198.43	193.53	184.73	184.41	(*)	4.68	4.63	4.43	4.37
2812	Alkalies and chlorine	-	204.68	196.54	186.60	184.46	-	4.61	4.56	4.37	4.33
2818	Industrial organic chemicals, n e c	-	213.70	209.08	202.30	199.28	-	5.04	4.99	4.76	4.70
2819	Industrial inorganic chemicals, n e c	-	186.55	182.07	172.58	171.81	-	4.47	4.43	4.23	4.16
282	Plastics materials and synthetics	(*)	178.83	173.40	162.54	162.09	(*)	4.13	4.08	3.87	3.85
2821	Plastics materials and resins	-	196.69	192.12	174.69	175.44	-	4.46	4.39	4.12	4.08
2823,4	Synthetic fibers	-	163.07	156.83	149.40	148.27	-	3.81	3.77	3.60	3.59
283	Drugs	(*)	155.98	156.79	151.58	151.88	(*)	3.88	3.91	3.78	3.75
2834	Pharmaceutical preparations	-	152.31	153.16	146.03	146.69	-	3.77	3.81	3.66	3.64
284	Soap, cleaners, and toilet goods	(*)	170.57	168.50	159.98	159.15	(*)	4.14	4.13	3.96	3.92
2841	Soap and other detergents	-	219.73	212.94	203.69	198.10	-	5.11	5.07	4.92	4.82
2844	Toilet preparations	-	135.26	137.48	127.98	131.38	-	3.39	3.42	3.24	3.26
285	Paints and allied products	163.77	164.58	161.05	152.03	152.35	3.89	3.90	3.89	3.69	3.68
287	Agricultural chemicals	(*)	151.01	148.75	139.47	137.67	(*)	3.57	3.50	3.41	3.27
2871,2	Fertilizers, complete & mixing only	-	142.97	139.59	132.44	132.09	-	3.38	3.30	3.27	3.13
286,9	Other chemical products	160.39	163.60	161.93	156.79	155.82	3.98	4.00	3.94	3.76	3.71
2892	Explosives	-	168.92	166.46	164.55	163.41	-	4.13	4.08	3.97	3.90
29	PETROLEUM AND COAL PRODUCTS	211.23	209.95	209.81	197.80	195.11	4.97	4.94	4.96	4.60	4.58
291	Petroleum refining	221.45	220.08	221.45	205.22	203.34	5.26	5.24	5.26	4.84	4.83
295,9	Other petroleum and coal products	179.17	177.36	172.03	172.03	167.45	4.10	4.04	4.01	3.84	3.78
30	RUBBER AND PLASTICS PRODUCTS, N E C	147.74	148.57	146.32	137.94	137.57	3.63	3.58	3.56	3.44	3.38
301	Tires and inner tubes	(*)	209.32	205.01	195.67	189.53	(*)	4.79	4.79	4.67	4.47
302,3,6	Other rubber products	(*)	141.17	139.78	128.18	130.40	(*)	3.46	3.46	3.27	3.26
302	Rubber footwear	-	111.04	109.62	106.20	106.75	-	2.84	2.84	2.78	2.78
307	Miscellaneous plastics products	128.07	130.29	128.11	120.10	121.20	3.17	3.17	3.14	3.01	3.00
31	LEATHER AND LEATHER PRODUCTS	102.87	105.57	104.88	98.56	98.30	2.70	2.70	2.71	2.58	2.58
311	Leather tanning and finishing	(*)	138.35	140.01	125.45	132.44	(*)	3.45	3.44	3.25	3.27
314	Footwear, except rubber	(*)	102.44	102.04	96.64	95.50	(*)	2.62	2.63	2.51	2.50
312,3,5-7,5	Other leather products	(*)	102.94	100.17	94.25	93.24	(*)	2.66	2.65	2.52	2.52
316	Luggage	-	102.28	101.92	96.42	94.68	-	2.81	2.80	2.62	2.63
317	Handbags and personal leather goods	-	99.97	95.37	92.00	89.79	-	2.57	2.55	2.46	2.46
	TRANSPORTATION AND PUBLIC UTILITIES	190.19	186.76	184.57	162.43	169.32	4.65	4.60	4.58	4.23	4.15
	RAILROAD TRANSPORTATION:										
11	Class I railroads ²	-	(*)	217.65	176.36	195.33	-	(*)	4.88	4.42	4.36
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	160.02	159.98	155.79	151.08	-	3.81	3.80	3.64	3.58
413	Intercity highway transportation	-	189.48	186.71	178.42	177.61	-	4.69	4.61	4.32	4.29
42	TRUCKING AND WAREHOUSING	-	203.20	197.96	186.52	182.31	-	4.77	4.77	4.42	4.31
421,3	Trucking and trucking terminals	-	208.01	202.66	190.80	186.59	-	4.86	4.86	4.50	4.38
422	Public warehousing	-	138.85	135.29	131.99	131.93	-	3.48	3.46	3.35	3.34
46	PIPE LINE TRANSPORTATION	-	207.87	207.57	208.38	198.10	-	5.07	5.10	4.88	4.82
48	COMMUNICATION	-	164.27	162.68	108.28	138.84	-	4.18	4.15	3.55	3.56
481	Telephone communication	-	163.12	161.11	100.50	136.07	-	4.14	4.11	3.43	3.48
4817	Switchboard operating employees ³	-	115.93	114.58	81.44	101.09	-	3.37	3.39	2.94	2.88
4818	Line construction employees ⁴	-	215.60	210.38	127.87	193.91	-	4.90	4.87	4.22	4.29
482	Telegraph communication ⁵	-	(*)	181.90	(*)	(*)	-	(*)	4.28	(*)	(*)
483	Radio and television broadcasting	-	172.99	172.54	160.02	158.80	-	4.47	4.47	4.20	4.19

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1972 P	June 1972 P	May 1972	July 1971	June 1971	July 1972 P	June 1972 P	May 1972	July 1971	June 1971
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	38.2	38.0	37.6	37.6	37.7	-	2.7	2.8	2.6	2.6
271	Newspapers.....	35.7	35.7	35.6	35.4	35.5	-	2.6	2.6	2.3	2.5
272	Periodicals.....	-	41.2	40.0	39.6	39.7	-	3.7	3.5	3.1	3.1
273	Books	-	39.4	39.9	39.5	39.4	-	2.7	3.8	3.2	3.3
275	Commercial printing	(*)	38.7	38.3	38.3	38.6	-	2.9	2.9	2.9	2.8
2751	Commercial printing, ex. lithographic	-	38.7	38.0	38.2	38.6	-	2.9	2.7	2.7	2.7
2752	Commercial printing, lithographic	-	38.7	38.7	38.7	38.6	-	2.9	3.3	3.2	3.0
278	Blankbooks and bookbinding	(*)	38.4	38.1	38.5	38.7	-	1.9	1.8	1.8	1.9
274,6,7,9	Other publishing & printing ind.....	(*)	38.5	37.7	37.7	37.7	-	2.4	2.2	2.1	2.1
28	CHEMICALS AND ALLIED PRODUCTS ..	41.9	42.0	41.6	41.3	41.7	-	3.4	3.1	3.0	3.2
281	Industrial chemicals	(*)	42.4	41.8	41.7	42.2	-	3.5	3.1	3.3	3.5
2812	Alkalies and chlorine	-	44.4	43.1	42.7	42.6	-	-	-	-	-
2818	Industrial organic chemicals, n e c	-	42.4	41.9	42.5	42.4	-	3.5	3.0	3.5	3.3
2819	Industrial inorganic chemicals, n e c	-	41.8	41.1	40.8	41.3	-	3.2	2.8	2.8	2.9
282	Plastics materials and synthetics	(*)	43.3	42.5	42.0	42.1	-	3.8	3.5	3.1	3.1
2821	Plastics materials and resins	-	44.1	43.9	42.4	43.0	-	4.6	4.8	4.0	4.1
2823,4	Synthetic fibers	-	42.8	41.6	41.5	41.3	-	3.2	2.6	2.4	2.4
283	Drugs	(*)	40.2	40.1	40.1	40.5	-	2.1	2.2	2.0	2.7
2834	Pharmaceutical preparations	-	40.4	40.2	39.9	40.3	-	-	-	-	-
284	Soap, cleaners, and toilet goods	(*)	41.2	40.8	40.4	40.6	-	2.9	2.7	2.7	2.6
2841	Soap and other detergents	-	43.0	42.0	41.4	41.1	-	-	-	-	-
2844	Toilet preparations	-	39.9	40.2	39.5	40.3	-	-	-	-	-
285	Paints and allied products	42.1	42.2	41.4	41.2	41.4	-	4.3	3.4	3.0	3.2
287	Agricultural chemicals	(*)	42.3	42.5	40.9	42.1	-	4.2	5.1	3.0	3.9
2871,2	Fertilizers, complete & mixing only..	-	42.3	42.3	40.5	42.2	-	-	-	-	-
286,9	Other chemical products	40.3	40.9	41.1	41.7	42.0	-	3.1	2.9	3.1	3.3
2892	Explosives	-	40.9	40.8	41.7	41.9	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	42.5	42.5	42.3	43.0	42.6	-	3.7	3.7	3.9	3.5
291	Petroleum refining	42.1	42.0	42.1	42.4	42.1	-	2.9	3.1	2.9	2.6
295,9	Other petroleum and coal products	43.7	43.9	42.9	44.8	44.3	-	6.2	5.5	7.1	6.6
30	RUBBER AND PLASTICS PRODUCTS, NEC ..	40.7	41.5	41.1	40.1	40.7	-	4.1	3.7	3.1	3.5
301	Tires and inner tubes	(*)	43.7	42.8	41.9	42.4	-	5.9	5.0	4.7	4.3
302,3,6	Other rubber products	(*)	40.8	40.4	39.2	40.0	-	3.3	3.1	2.2	2.7
302	Rubber footwear	-	39.1	38.6	38.2	38.4	-	2.2	2.2	2.3	2.1
307	Miscellaneous plastics products	40.4	41.1	40.8	39.9	40.4	-	4.0	3.5	3.1	3.6
31	LEATHER AND LEATHER PRODUCTS	38.1	39.1	38.7	38.2	38.1	-	2.8	2.6	1.7	1.9
311	Leather tanning and finishing	(*)	40.1	40.7	38.6	40.5	-	3.2	4.0	2.3	3.3
314	Footwear, except rubber	(*)	39.1	38.8	38.5	38.2	-	2.8	2.5	1.8	1.9
312,3,5-7,9	Other leather products	(*)	38.7	37.8	37.4	37.0	-	2.6	2.2	1.3	1.4
316	Luggage	-	36.4	36.4	36.8	36.0	-	1.7	1.5	1.3	1.0
317	Handbags and personal leather goods ..	-	38.9	37.4	37.4	36.5	-	2.6	1.9	1.3	1.1
	TRANSPORTATION AND PUBLIC UTILITIES	40.9	40.6	40.3	38.4	40.8	-	-	-	-	-
	RAILROAD TRANSPORTATION:										
4011	Class 1 railroads ²	-	(*)	44.6	39.9	44.8	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	42.0	42.1	42.8	42.2	-	-	-	-	-
413	Intercity highway transportation	-	40.4	40.5	41.3	41.4	-	-	-	-	-
	TRUCKING AND WAREHOUSING	-	42.6	41.5	42.2	42.3	-	-	-	-	-
421,3	Trucking and trucking terminals	-	42.8	41.7	42.4	42.6	-	-	-	-	-
422	Public warehousing	-	39.9	39.1	39.4	39.5	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	41.0	40.7	42.7	41.1	-	-	-	-	-
	COMMUNICATION	-	39.3	39.2	30.5	39.0	-	-	-	-	-
481	Telephone communication	-	39.4	39.2	29.3	39.1	-	-	-	-	-
4817	Switchboard operating employees ³ ..	-	34.4	33.8	27.7	35.1	-	-	-	-	-
4818	Line construction employees ⁴	-	44.0	43.2	30.3	45.2	-	-	-	-	-
482	Telegraph communication ⁵	-	(*)	42.5	(*)	(*)	-	-	-	-	-
483	Radio and television broadcasting	-	38.7	38.6	38.1	37.9	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971	July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$197.96	\$197.35	\$185.92	\$184.68	-	\$4.77	\$4.79	\$4.48	\$4.45
491	Electric companies and systems	-	201.34	200.03	193.24	192.89	-	4.84	4.82	4.59	4.56
492	Gas companies and systems	-	176.23	177.28	166.46	166.46	-	4.33	4.41	4.08	4.06
493	Combination companies and systems	-	223.02	221.84	200.41	197.72	-	5.31	5.32	4.90	4.87
494-7	Water, steam, & sanitary systems	-	164.74	161.56	159.42	156.98	-	3.96	3.95	3.76	3.72
-	WHOLESALE AND RETAIL TRADE	\$108.96	106.80	104.40	103.61	101.60	\$3.01	3.00	3.00	2.87	2.87
50	WHOLESALE TRADE	155.19	154.00	152.83	146.43	146.40	3.87	3.85	3.84	3.67	3.66
501	Motor vehicles & automotive equipment	-	146.16	144.00	137.02	136.55	-	3.60	3.60	3.40	3.38
502	Drugs, chemicals, and allied products	-	155.16	152.83	147.83	146.29	-	4.03	3.98	3.82	3.79
503	Dry goods and apparel	-	141.37	138.75	133.84	133.46	-	3.74	3.74	3.55	3.54
504	Groceries and related products	-	146.25	146.73	142.74	140.30	-	3.62	3.65	3.49	3.49
506	Electrical goods	-	161.46	160.66	134.43	142.80	-	3.90	3.89	3.51	3.50
507	Hardware; plumbing & heating equipment	-	145.56	143.24	142.71	141.86	-	3.63	3.59	3.55	3.52
508	Machinery, equipment, and supplies	-	168.50	167.27	163.59	161.98	-	4.14	4.13	3.99	3.97
509	Miscellaneous wholesalers	-	154.45	153.27	148.50	147.34	-	3.93	3.92	3.75	3.73
52-59	RETAIL TRADE	94.23	92.00	89.24	89.78	87.72	2.70	2.69	2.68	2.58	2.58
53	Retail general merchandise	-	84.89	81.90	82.58	80.57	-	2.62	2.60	2.51	2.51
531	Department stores	-	88.96	86.11	86.45	84.64	-	2.78	2.76	2.66	2.67
532	Mail order houses	-	111.46	104.96	104.05	102.85	-	2.88	2.86	2.76	2.75
533	Variety stores	-	63.23	61.36	61.71	59.00	-	2.08	2.08	2.03	2.00
54	Food stores	-	102.26	98.24	98.70	95.45	-	3.08	3.07	2.92	2.91
541-3	Grocery, meat, and vegetable stores	-	104.86	100.78	101.57	97.68	-	3.13	3.12	2.97	2.96
56	Apparel and accessory stores	-	79.53	76.75	77.26	75.92	-	2.47	2.46	2.37	2.38
561	Men's & boys' clothing & furnishings	-	96.73	91.84	95.63	92.85	-	2.82	2.80	2.78	2.78
562	Women's ready-to-wear stores	-	71.84	69.43	68.42	67.76	-	2.34	2.33	2.20	2.20
565	Family clothing stores	-	78.54	74.70	76.12	74.21	-	2.31	2.25	2.20	2.17
566	Shoe stores	-	78.37	77.78	75.84	76.01	-	2.48	2.55	2.37	2.46
57	Furniture and home furnishings stores	-	119.41	117.07	117.04	115.13	-	3.21	3.19	3.08	3.07
571	Furniture and home furnishings	-	120.53	118.45	116.49	114.20	-	3.24	3.21	3.09	3.07
58	Eating and drinking places ⁶	-	63.52	61.31	62.86	60.65	-	2.01	2.01	1.94	1.95
52,55,59	Other retail trade	-	113.92	111.45	111.36	108.87	-	2.99	2.98	2.87	2.85
52	Building materials and farm equipment	-	126.67	124.26	123.19	120.29	-	3.12	3.13	2.99	2.97
551.2	Motor vehicle dealers	-	152.66	149.11	145.30	144.84	-	3.76	3.70	3.57	3.55
553.9	Other automotive & accessory dealers	-	129.38	127.41	124.49	123.19	-	3.11	3.10	2.95	2.94
591	Drug stores and proprietary stores	-	83.16	80.39	82.41	79.63	-	2.52	2.52	2.45	2.45
594	Book and stationery stores	-	95.01	92.85	94.07	91.12	-	2.77	2.78	2.68	2.68
598	Fuel and ice dealers	-	129.46	129.17	127.10	126.16	-	3.48	3.51	3.31	3.32
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	129.00	127.22	126.91	122.06	121.36	3.44	3.42	3.43	3.29	3.28
60	Banking	-	110.86	111.23	108.04	107.01	-	2.98	2.99	2.92	2.90
61	Credit agencies other than banks	-	115.90	115.36	113.62	111.97	-	3.05	3.06	2.99	2.97
612	Savings and loan associations	-	113.34	113.40	113.40	110.26	-	3.08	3.09	3.00	2.98
62	Security, commodity brokers & services	-	221.26	221.49	201.45	203.86	-	5.98	5.97	5.43	5.48
63	Insurance carriers	-	131.00	131.72	128.04	126.27	-	3.55	3.56	3.47	3.45
631	Life insurance	-	132.86	133.22	129.96	127.09	-	3.63	3.64	3.59	3.56
632	Accident and health insurance	-	125.36	126.14	121.69	121.23	-	3.37	3.40	3.28	3.25
633	Fire, marine, and casualty insurance	-	132.42	132.42	127.50	126.79	-	3.55	3.55	3.40	3.39
-	SERVICES	109.20	106.67	105.46	103.70	101.57	3.12	3.11	3.12	2.98	2.97
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶	-	75.15	74.70	73.71	71.95	-	2.23	2.25	2.10	2.11
721	Personal Services: Laundries and dry cleaning plants	-	86.75	86.51	82.95	82.36	-	2.43	2.43	2.33	2.32
722	Photographic studios	-	97.29	96.79	95.63	100.01	-	2.82	2.83	2.74	2.74
781	Motion pictures: Motion picture filming & distributing	-	207.04	198.00	187.12	179.82	-	5.42	5.28	5.03	4.86
806	Hospitals	-	105.88	104.04	104.35	102.42	-	3.06	3.06	2.99	2.96

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971	July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971
	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES		41.5	41.2	41.5	41.5					
491	Electric companies and systems.....		41.6	41.5	42.1	42.3					
492	Gas companies and systems.....		40.7	40.2	40.8	41.0					
493	Combination companies and systems..		42.0	41.7	40.9	40.6					
494-7	Water, steam & sanitary systems.....		41.6	40.9	42.4	42.2					
	WHOLESALE AND RETAIL TRADE.....	36.2	35.6	34.8	36.1	35.4					
	WHOLESALE TRADE.....	40.1	40.0	39.8	39.9	40.0					
50	Motor vehicles & automotive equipment..		40.6	40.0	40.3	40.4					
502	Drugs, chemicals, and allied products...		38.5	38.4	38.7	38.6					
503	Dry goods and apparel.....		37.8	37.1	37.7	37.7					
504	Groceries and related products.....		40.4	40.2	40.9	40.2					
506	Electrical goods.....		41.4	41.3	38.3	40.8					
507	Hardware; plumbing & heating equipment		40.1	39.9	40.2	40.3					
508	Machinery, equipment, and supplies....		40.7	40.5	41.0	40.8					
509	Miscellaneous wholesalers.....		39.3	39.1	39.6	39.5					
52-59	RETAIL TRADE.....	34.9	34.2	33.3	34.8	34.0					
53	Retail general merchandise.....		32.4	31.5	32.9	32.1					
531	Department stores.....		32.0	31.2	32.5	31.7					
532	Mail order houses.....		38.7	36.7	37.7	37.4					
533	Variety stores.....		30.4	29.5	30.4	29.5					
54	Food stores.....		33.2	32.0	33.8	32.8					
541-3	Grocery, meat, and vegetable stores...		33.5	32.3	34.2	33.0					
56	Apparel and accessory stores.....		32.2	31.2	32.6	31.9					
561	Men's & boys' clothing & furnishings..		34.3	32.8	34.4	33.4					
562	Women's ready-to-wear stores.....		30.7	29.8	31.1	30.8					
565	Family clothing stores.....		34.0	33.2	34.6	34.2					
566	Shoe stores.....		31.6	30.5	32.0	30.9					
57	Furniture and home furnishings stores..		37.2	36.7	38.0	37.5					
571	Furniture and home furnishings.....		37.2	36.9	37.7	37.2					
58	Eating and drinking places ⁶		31.6	30.5	32.4	31.1					
52,55,59	Other retail trade.....		38.1	37.4	38.8	38.2					
52	Building materials and farm equipment		40.6	39.7	41.2	40.5					
551,2	Motor vehicle dealers.....		40.6	40.3	40.7	40.8					
553,9	Other automotive & accessory dealers.		41.6	41.1	42.2	41.9					
591	Drug stores and proprietary stores...		33.0	31.9	33.5	32.5					
594	Book and stationery stores.....		34.3	33.4	35.1	34.0					
598	Fuel and ice dealers.....		37.2	36.8	38.4	38.0					
	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	37.5	37.2	37.0	37.1	37.0					
60	Banking.....		37.2	37.2	37.0	36.9					
61	Credit agencies other than banks.....		38.0	37.7	38.0	37.7					
612	Savings and loan associations.....		36.8	36.7	37.8	37.0					
62	Security, commodity brokers & services.		37.0	37.1	37.1	37.2					
63	Insurance carriers.....		36.9	37.0	36.9	36.6					
631	Life insurance.....		36.6	36.6	36.2	35.7					
632	Accident and health insurance.....		37.2	37.1	37.1	37.3					
633	Fire, marine, and casualty insurance...		37.3	37.3	37.5	37.4					
	SERVICES.....	35.0	34.3	33.8	34.8	34.2					
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶ ...		33.7	33.2	35.1	34.1					
	Personal Services:										
721	Laundries & dry cleaning plants.....		35.7	35.6	35.6	35.5					
722	Photographic studios.....		34.5	34.2	34.9	36.5					
	Motion pictures:										
781	Motion picture filming & distributing...		38.2	37.5	37.2	37.0					
806	Hospitals.....		34.6	34.0	34.9	34.6					

¹ For coverage of series, see footnote 1, table B-2.

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1971, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ Data for nonoffice salesmen excluded from all series in this division.

^a Not available.

^p preliminary.

^c corrected.

**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	1972					1971							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
EXECUTIVE BRANCH													
Total employment	2,621.1	2,624.0	2,616.3	2,616.2	2,614.1	2,645.2	2,615.7	2,619.5	2,626.9	2,649.8	2,647.6	2,634.5	2,620.7
Average weekly hours	39.3	39.2	39.2	39.3	39.4	42.2	39.4	40.0	39.5	39.4	39.6	39.2	39.2
Average overtime hours . . . . .	.9	.8	.7	.8	0	3.3	.8	.9	.9	.8	.8	.8	.9
Indexes (1967=100):													
Average weekly earnings	149.6	148.7	149.2	148.5	147.0	153.7	137.6	139.9	141.2	139.2	137.2	138.8	139.6
Average hourly earnings	150.0	149.5	150.0	148.9	147.0	143.5	137.6	137.8	140.8	139.2	136.5	139.5	140.3
DEPARTMENT OF DEFENSE													
Total employment	987.9	987.5	988.2	990.9	992.9	995.4	997.2	998.1	998.1	1,001.4	1,001.4	999.7	999.7
Average weekly hours	40.0	39.8	39.9	40.0	40.1	39.8	40.1	41.1	40.0	39.8	40.5	39.8	39.9
Average overtime hours	1.0	.8	.7	.6	.6	.6	.8	.8	.9	.9	.8	.9	.9
Indexes (1967=100):													
Average weekly earnings	150.6	149.1	150.0	147.9	147.0	141.8	142.3	142.8	141.2	138.9	139.7	139.9	141.1
Average hourly earnings	151.8	151.0	151.5	149.0	147.7	143.6	143.1	140.1	142.2	140.6	139.0	141.7	142.5
POSTAL SERVICE													
Total employment	698.8	703.6	704.2	704.2	706.0	738.9	705.8	703.7	705.6	713.7	709.8	714.1	715.7
Average weekly hours	38.5	38.6	38.5	38.7	38.8	49.8	38.5	39.5	39.0	38.6	38.9	38.4	38.5
Average overtime hours . . . . .	.8	.9	.8	.9	1.0	10.7	1.0	1.1	.7	.7	.7	.7	.9
Indexes (1967=100):													
Average weekly earnings	150.8	150.9	150.5	151.6	148.3	208.1	140.2	143.8	143.2	141.2	136.4	135.0	135.9
Average hourly earnings	151.2	150.9	150.9	151.2	147.6	161.3	140.5	140.5	141.8	141.2	135.4	135.7	136.3
OTHER AGENCIES													
Total employment	934.4	932.9	923.9	921.1	915.2	910.9	912.7	917.7	923.2	934.7	936.4	920.7	905.3
Average weekly hours	39.0	38.9	39.0	38.9	39.0	39.1	39.2	39.2	39.1	39.4	39.3	39.1	39.1
Average overtime hours . . . . .	.8	.9	.7	1.0	0	.6	.7	.8	.9	.9	.8	.9	.9
Indexes (1967=100):													
Average weekly earnings	148.5	147.7	149.3	148.7	147.5	134.0	132.3	136.0	140.4	138.7	137.9	141.4	142.4
Average hourly earnings	147.8	147.3	148.5	148.3	146.8	132.9	130.9	134.7	139.4	136.6	136.1	140.3	141.3

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.

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

Major industry group	Average hourly earnings excluding overtime ¹				
	July 1972 ^a	June 1972 ^a	May 1972	July 1971	June 1971
MANUFACTURING	\$3.64	\$3.63	\$3.64	\$3.45	\$3.44
DURABLE GOODS	3.86	3.87	3.87	3.66	3.67
Ordnance and accessories	-	3.94	3.94	3.78	3.74
Lumber and wood products	-	3.15	3.13	3.05	3.04
Furniture and fixtures	-	2.93	2.92	2.82	2.81
Stone, clay, and glass products	-	3.68	3.67	3.50	3.47
Primary metal industries	-	4.44	4.43	4.05	4.04
Fabricated metal products	-	3.81	3.81	3.60	3.61
Machinery, except electrical	-	4.07	4.07	3.88	3.87
Electrical equipment and supplies	-	3.55	3.55	3.42	3.41
Transportation equipment	-	4.52	4.53	4.24	4.26
Instruments and related products	-	3.60	3.61	3.47	3.44
Miscellaneous manufacturing industries	-	2.99	3.00	2.87	2.87
NONDURABLE GOODS	3.34	3.31	3.31	3.16	3.13
Food and kindred products	-	3.42	3.44	3.23	3.22
Tobacco manufactures	-	3.49	3.45	3.19	3.22
Textile mill products	-	2.58	2.58	2.45	2.45
Apparel and other textile products	-	2.54	2.53	2.44	2.43
Paper and allied products	-	3.70	3.67	3.51	3.48
Printing and publishing	-	(²)	(²)	(²)	(²)
Chemicals and allied products	-	4.04	4.01	3.85	3.80
Petroleum and coal products	-	4.73	4.75	4.40	4.40
Rubber and plastics products, n e c	-	3.41	3.41	3.31	3.24
Leather and leather products	-	2.61	2.62	2.52	2.51

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

²Not 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.

p = preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	June 1972 ^p	May 1972	June 1971	June 1972 ^p	May 1972	June 1971	June 1972 ^p	May 1972	June 1971
TOTAL PRIVATE:									
Current dollars	\$135.38	\$133.21	\$127.57	\$111.07	\$109.47	\$104.00	\$120.48	\$118.77	\$112.64
1967 dollars	108.30	106.82	105.00	88.86	87.79	85.60	96.38	95.24	92.71
MINING:									
Current dollars	186.62	183.17	172.10	149.35	146.60	137.83	161.14	158.25	148.41
1967 dollars	149.30	146.89	141.65	119.48	117.56	113.44	128.91	126.90	122.15
CONTRACT CONSTRUCTION:									
Current dollars	224.69	221.90	213.94	179.43	177.24	170.74	193.06	190.72	183.34
1967 dollars	179.75	177.95	176.08	143.54	142.13	140.53	154.45	152.94	150.90
MANUFACTURING:									
Current dollars	155.01	153.50	143.51	125.55	124.44	115.76	135.81	134.63	125.07
1967 dollars	124.01	123.10	118.12	100.44	99.79	95.28	108.65	107.96	102.94
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	186.76	184.57	169.32	149.46	147.72	135.63	161.26	159.42	146.09
1967 dollars	149.41	148.01	139.36	119.57	118.46	111.63	129.01	127.84	120.24
WHOLESALE AND RETAIL TRADE:									
Current dollars	106.80	104.40	101.60	89.79	87.98	84.66	97.83	95.91	92.09
1967 dollars	85.44	83.72	83.62	71.83	70.55	69.68	78.26	76.91	75.79
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	127.22	126.91	121.36	105.05	104.82	99.41	114.05	113.81	107.74
1967 dollars	101.78	101.77	99.88	84.04	84.06	81.82	91.24	91.27	88.67
SERVICES:									
Current dollars	106.67	105.46	101.57	89.70	88.78	84.64	97.72	96.76	92.06
1967 dollars	85.34	84.57	83.60	71.76	71.19	69.66	78.18	77.59	75.77
CONSUMER PRICE INDEX (All items, 1967 = 100)	125.0	124.7	121.5	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.					

¹For 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 man-hours and payrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls**

1967 = 100

Industry division and group	July 1972 ^P	June 1972 ^P	May 1972	July 1971	June 1971
	Man-hours				
TOTAL . . .	108.4	108.6	105.2	104.2	104.9
GOODS-PRODUCING . . .	96.8	99.5	95.8	94.0	96.3
MINING	98.4	99.5	96.5	98.0	102.8
CONTRACT CONSTRUCTION	105.8	104.5	96.8	108.9	106.3
MANUFACTURING	95.2	98.6	95.7	91.3	94.3
DURABLE GOODS	92.2	96.4	94.0	87.5	91.4
Ordnance and accessories	55.3	55.0	52.6	52.5	54.4
Lumber and wood products	106.7	108.4	102.9	99.8	100.7
Furniture and fixtures	105.7	110.3	105.8	97.2	100.1
Stone, clay, and glass products	109.2	109.9	105.1	102.5	103.8
Primary metal industries	92.7	95.1	93.8	91.3	96.6
Fabricated metal products	98.1	101.1	98.2	92.2	95.7
Machinery, except electrical	86.9	88.9	86.7	79.6	81.3
Electrical equipment	90.8	95.2	92.6	85.9	88.6
Transportation equipment	83.0	94.3	94.3	82.1	92.0
Instruments and related products	92.6	96.0	93.2	86.7	87.9
Miscellaneous manufacturing	94.5	99.4	95.8	89.7	93.2
NONDURABLE GOODS	99.5	101.7	98.1	96.8	98.5
Food and kindred products	102.4	99.0	92.4	101.5	97.7
Tobacco manufactures	65.1	65.3	62.1	67.1	72.2
Textile mill products	101.7	106.4	102.8	95.8	100.2
Apparel and other textile products	90.7	97.0	94.9	91.1	95.9
Paper and allied products	102.4	104.6	100.9	97.2	99.2
Printing and publishing	99.3	99.7	98.6	97.5	98.9
Chemicals and allied products	99.6	100.6	98.2	98.0	99.8
Petroleum and coal products	105.2	104.0	100.6	105.6	103.6
Rubber and plastics products, nec	119.9	125.3	120.1	108.2	111.5
Leather and leather products	85.7	92.8	89.9	84.1	88.3
SERVICE-PRODUCING	116.4	114.9	111.8	111.2	110.8
TRANSPORTATION AND PUBLIC UTILITIES	107.7	107.1	104.8	100.1	107.0
WHOLESALE AND RETAIL TRADE	113.8	112.7	108.9	109.4	107.8
WHOLESALE TRADE	112.4	112.0	109.0	107.9	107.5
RETAIL TRADE	114.3	113.0	108.9	109.9	108.0
FINANCE, INSURANCE, AND REAL ESTATE	123.3	121.5	119.3	119.2	117.7
SERVICES	122.0	119.7	116.7	116.5	114.7

¹ For coverage of series, see footnote 1, table B-2.
p=preliminary.

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls--Continued**

Industry division and group	1967 = 100				
	July 1972 ^p	June 1972 ^p	May 1972	July 1971	June 1971
	Payrolls				
TOTAL . . .	146.6	146.6	142.0	133.5	134.1
GOODS-PRODUCING . . .	132.9	136.0	130.9	122.5	124.6
MINING	134.1	135.1	130.8	124.5	130.4
CONTRACT CONSTRUCTION	153.3	151.5	142.0	150.5	145.5
MANUFACTURING	127.7	132.1	128.0	115.2	119.0
DURABLE GOODS	123.6	129.5	126.2	110.3	115.7
Ordnance and accessories	71.4	70.7	67.3	64.2	65.8
Lumber and wood products	149.2	151.7	142.9	134.8	135.0
Furniture and fixtures	138.9	144.5	137.9	121.5	124.8
Stone, clay, and glass products	151.6	151.7	144.3	134.6	135.3
Primary metal industries	129.2	132.1	129.6	114.4	121.7
Fabricated metal products	130.8	135.1	130.5	115.7	120.5
Machinery, except electrical	115.6	118.7	115.4	100.0	101.7
Electrical equipment	120.8	125.7	122.1	108.6	111.7
Transportation equipment	113.1	129.8	130.1	104.8	118.7
Instruments and related products	120.8	125.1	121.7	107.9	108.8
Miscellaneous manufacturing	123.8	130.5	125.9	112.4	117.1
NONDURABLE GOODS	134.7	136.4	131.2	123.7	124.7
Food and kindred products	139.3	134.5	126.0	130.5	125.1
Tobacco manufactures	98.9	101.3	95.2	98.5	104.9
Textile mill products	134.7	140.6	135.6	119.3	125.0
Apparel and other textile products	115.6	123.8	120.4	111.1	116.7
Paper and allied products	141.3	142.8	136.2	125.5	126.6
Printing and publishing	135.9	135.8	134.3	125.3	126.6
Chemicals and allied products	135.8	136.1	131.6	125.8	126.7
Petroleum and coal products	146.3	143.7	139.6	135.8	132.6
Rubber and plastics products, nec	158.8	163.2	155.9	135.7	137.3
Leather and leather products	111.9	121.2	117.6	104.9	110.0
SERVICE-PRODUCING	158.4	155.7	151.5	142.9	142.3
TRANSPORTATION AND PUBLIC UTILITIES	154.7	152.4	148.3	130.9	137.3
WHOLESALE AND RETAIL TRADE	152.7	150.8	145.5	140.0	137.8
WHOLESALE TRADE	151.3	149.8	145.6	137.8	136.6
RETAIL TRADE	153.4	151.3	145.5	141.1	138.4
FINANCE, INSURANCE, AND REAL ESTATE	164.3	161.1	158.5	151.9	149.5
SERVICES	166.5	162.6	159.2	151.7	149.1

¹ For coverage of series, see footnote 1, table B-2.
^ppreliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

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**C-7: Average weekly hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted**

Industry	1972							1971					
	July p	June p	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
TOTAL PRIVATE	37.3	37.3	37.0	37.3	37.1	37.2	37.0	37.2	37.1	37.0	36.7	36.9	36.9
MINING	42.3	42.8	42.4	42.3	42.9	42.5	43.0	42.6	42.3	42.5	41.9	42.0	42.2
CONTRACT CONSTRUCTION	37.3	36.9	36.6	36.7	37.5	37.3	37.4	36.8	39.0	37.6	35.7	37.1	37.1
MANUFACTURING	40.7	40.7	40.5	40.8	40.4	40.5	40.0	40.3	40.1	39.8	39.5	39.8	40.0
<i>Overtime hours</i>	3.5	3.4	3.4	3.6	3.3	3.2	2.9	3.1	3.0	3.0	2.8	2.9	3.0
DURABLE GOODS	41.3	41.4	41.2	41.5	41.0	41.1	40.6	40.9	40.6	40.3	39.7	40.0	40.4
<i>Overtime hours</i>	3.6	3.5	3.5	3.7	3.3	3.2	2.9	3.0	2.9	2.8	2.7	2.8	2.8
Ordnance and accessories	42.7	42.2	42.0	42.4	42.3	42.4	41.2	42.0	41.9	41.8	41.7	41.9	41.9
Lumber and wood products	41.1	41.2	40.9	41.1	40.9	40.9	40.9	40.8	40.8	40.7	40.1	40.2	40.5
Furniture and fixtures	40.8	40.9	40.6	40.8	40.5	40.7	40.3	39.9	40.0	39.7	39.4	39.9	40.1
Stone, clay, and glass products	42.3	42.2	41.8	41.9	42.2	42.0	41.8	41.6	41.9	41.8	41.4	41.8	41.8
Primary metal industries	41.4	41.5	41.4	41.4	41.3	41.1	40.6	41.0	40.1	40.1	39.5	38.8	40.6
Fabricated metal products	41.5	41.2	41.1	41.2	40.8	41.0	40.4	40.9	40.4	40.1	39.3	40.2	40.7
Machinery, except electrical	42.2	42.2	41.7	41.8	41.4	41.4	41.0	41.3	41.1	40.8	40.5	40.8	40.7
Electrical equipment and supplies	40.5	40.5	40.4	40.8	40.3	40.7	40.1	40.3	40.1	39.9	39.6	40.0	40.1
Transportation equipment	40.9	42.0	42.0	42.9	42.1	41.9	40.7	41.7	40.5	40.5	38.5	39.9	39.5
Instruments and related products	40.4	40.7	40.7	40.7	40.3	40.8	40.3	40.4	40.2	39.9	39.7	39.8	39.8
Miscellaneous manufacturing industries	39.2	39.5	39.3	39.6	39.3	39.6	39.0	39.2	39.1	38.9	38.7	39.2	39.2
NONDURABLE GOODS	39.8	39.8	39.7	39.8	39.6	39.6	39.4	39.5	39.5	39.3	39.1	39.3	39.3
<i>Overtime hours</i>	3.3	3.4	3.2	3.3	3.3	3.2	3.1	3.0	3.0	3.0	3.1	3.1	3.0
Food and kindred products	40.7	40.6	40.4	40.7	40.6	40.2	40.1	40.4	39.9	40.0	40.1	40.1	40.2
Tobacco manufactures	34.0	34.3	33.9	33.8	34.4	33.6	34.8	35.6	35.6	34.7	36.6	37.1	39.6
Textile mill products	41.3	41.5	41.3	41.7	41.4	41.2	41.3	41.0	41.1	40.8	40.4	40.7	40.3
Apparel and other textile products	36.2	35.9	35.6	36.0	35.8	36.2	35.7	35.9	36.2	36.0	35.4	35.7	35.8
Paper and allied products	42.8	42.9	42.6	43.0	42.7	42.6	42.1	42.3	42.3	42.0	41.9	42.4	42.4
Printing and publishing	38.2	38.0	37.7	38.0	37.6	37.5	37.5	37.5	37.6	37.5	37.4	37.5	37.6
Chemicals and allied products	42.0	42.0	41.6	41.7	41.8	41.8	41.8	41.7	41.4	41.5	42.1	41.5	41.4
Petroleum and coal products	42.1	42.2	41.6	41.9	41.7	42.0	42.2	42.7	41.8	42.4	42.9	43.4	42.6
Rubber and plastics products, nec	40.9	41.5	41.2	41.5	41.2	41.0	40.8	40.9	40.6	40.3	40.0	40.1	40.3
Leather and leather products	37.6	38.5	38.7	39.1	38.2	38.5	38.0	37.9	38.3	37.9	37.3	37.6	37.7
TRANSPORTATION AND PUBLIC UTILITIES	40.5	40.5	40.5	40.3	40.6	40.4	40.0	40.5	40.4	40.3	40.6	40.5	38.0
WHOLESALE AND RETAIL TRADE	35.4	35.4	35.1	35.2	35.1	35.1	35.1	35.3	35.2	35.2	35.1	35.1	35.3
WHOLESALE TRADE	39.8	39.9	40.0	40.0	39.9	40.0	39.7	40.0	39.9	39.8	39.7	39.7	39.6
RETAIL TRADE	33.9	33.9	33.7	33.7	33.6	33.5	33.7	33.9	33.7	33.8	33.6	33.6	33.8
FINANCE, INSURANCE, AND REAL ESTATE	37.5	37.2	37.1	37.3	37.1	37.1	37.3	37.0	36.9	36.9	37.0	37.3	37.1
SERVICES	34.6	34.2	34.0	34.1	34.0	34.2	34.1	34.2	34.1	34.2	34.2	34.3	34.4

¹For coverage of series, see footnote 1, table B-2.
p = preliminary.

C-8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted

Industry division and group	1967 = 100												
	1972							1971					
	July p	June p	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
TOTAL	106.7	106.8	106.1	105.9	105.2	104.7	104.3	103.9	103.7	103.1	102.7	102.6	102.4
GOODS-PRODUCING	96.2	97.2	96.6	96.6	96.0	95.3	94.7	94.1	94.5	93.3	92.3	92.5	93.1
MINING	94.6	96.1	96.5	96.3	99.8	98.7	100.0	97.4	79.6	79.5	97.7	96.7	94.4
CONTRACT CONSTRUCTION	94.7	96.9	96.6	95.9	99.3	97.5	101.3	96.7	105.5	100.7	94.4	97.1	97.4
MANUFACTURING	96.5	97.3	96.6	96.7	95.3	94.8	93.4	93.5	93.1	92.5	91.8	91.5	92.3
DURABLE GOODS	94.2	94.9	94.3	94.1	92.4	91.9	89.9	90.2	89.5	89.0	87.8	87.7	89.0
Ordnance and accessories	56.4	55.2	53.2	53.1	51.8	51.9	51.0	52.0	53.1	53.5	53.9	54.2	53.6
Lumber and wood products	103.6	103.2	102.5	103.0	101.9	101.7	101.9	100.9	101.5	100.4	97.8	96.9	97.0
Furniture and fixtures	109.2	109.7	108.1	108.4	107.0	106.7	105.2	103.1	102.5	100.7	99.7	98.9	100.7
Stone, clay, and glass products	106.2	106.3	105.1	103.8	104.3	103.2	102.5	100.4	101.5	100.9	99.9	99.9	99.7
Primary metal industries	91.5	92.3	92.9	92.1	91.1	88.4	87.1	86.6	84.9	85.8	84.0	80.3	90.0
Fabricated metal products	100.7	99.3	99.1	98.3	96.5	96.0	93.9	94.6	94.1	93.6	92.2	93.4	94.6
Machinery, except electrical	88.2	88.1	86.4	85.0	83.4	83.7	82.2	83.2	83.0	82.0	81.7	81.2	80.8
Electrical equipment	93.1	95.0	94.1	94.0	91.9	92.3	90.0	90.3	89.7	89.4	88.3	87.9	88.2
Transportation equipment	90.6	93.1	94.2	95.7	92.3	91.2	87.5	89.8	87.8	86.8	84.9	87.8	86.6
Instruments and related products	93.9	95.6	93.9	92.8	90.9	91.7	90.2	90.1	90.3	89.6	88.8	87.7	88.0
Miscellaneous manufacturing	98.1	98.6	97.2	98.8	97.8	98.0	95.0	93.7	92.0	92.1	92.5	93.4	93.4
NONDURABLE GOODS	99.9	100.9	99.9	100.5	99.6	99.1	98.4	98.3	98.3	97.5	97.5	97.1	97.3
Food and kindred products	99.4	99.5	97.9	98.9	98.9	97.4	97.7	97.8	96.7	95.2	97.9	97.4	98.4
Tobacco manufactures	75.2	74.7	73.8	73.6	73.7	68.4	70.9	71.2	72.5	68.2	74.5	73.0	77.9
Textile mill products	103.4	104.5	103.9	104.4	103.5	102.2	102.4	100.9	100.6	99.2	97.9	98.5	97.5
Apparel and other textile products	94.0	95.6	95.2	97.1	95.7	96.7	94.6	95.5	97.3	96.4	94.5	94.6	94.7
Paper and allied products	102.3	103.1	102.2	102.2	100.9	100.1	98.7	99.4	99.6	99.2	99.2	97.9	97.0
Printing and publishing	99.6	99.9	99.4	99.9	98.7	98.4	98.4	97.7	97.9	97.9	97.4	97.2	97.9
Chemicals and allied products	99.3	99.8	98.2	97.7	97.8	98.2	98.7	98.3	97.7	98.0	99.5	97.3	97.9
Petroleum and coal products	99.9	100.1	98.7	99.4	99.8	102.2	98.4	103.0	99.1	100.6	101.7	102.0	100.2
Rubber and plastics products, nec	122.3	124.8	121.7	121.0	119.4	116.8	115.3	114.3	113.2	112.9	111.5	109.1	110.4
Leather and leather products	86.0	90.0	90.5	90.4	87.3	88.0	85.9	85.3	86.2	85.0	84.0	85.6	84.2
SERVICE-PRODUCING	114.0	113.4	112.6	112.4	111.6	111.3	110.9	110.8	110.0	109.9	109.8	109.6	108.7
TRANSPORTATION AND PUBLIC UTILITIES	104.9	105.4	105.7	104.9	105.9	103.9	103.7	104.0	102.7	102.9	104.2	103.3	97.6
WHOLESALE AND RETAIL TRADE	111.4	111.5	110.8	110.6	109.2	108.9	108.7	108.5	107.9	107.8	107.3	107.0	107.0
WHOLESALE TRADE	110.2	110.9	111.0	110.4	109.9	109.1	108.0	108.3	107.7	107.3	106.8	106.4	105.7
RETAIL TRADE	111.8	111.7	110.7	110.6	108.9	108.8	108.9	108.5	107.8	108.0	107.5	107.2	107.4
FINANCE, INSURANCE, AND REAL ESTATE	121.0	120.6	119.8	119.7	118.9	118.7	119.1	117.9	117.5	117.0	117.0	117.1	116.7
SERVICES	119.6	117.6	116.2	116.1	115.4	115.8	114.9	115.0	114.2	114.0	113.7	113.8	114.0

¹ For coverage of series, see footnote 1, table B-2.
p= preliminary.

C-9: Man-hours of wage and salary workers¹ in nonagricultural establishments

Industry division	Annual rate, millions of man-hours ²			Percent change ³		
	July 1972 p	June 1972 p	May 1972	June 1972 to July 1972	May 1972 to June 1972	July 1971 to July 1972
	TOTAL - ALL INDUSTRIES	142,704	142,660	141,901	0.4	6.6	3.5
TOTAL - PRIVATE	115,603	115,495	114,666	1.1	9.0	3.5
MINING	1,313	1,331	1,327	-15.1	3.7	0.2
CONTRACT CONSTRUCTION	6,116	6,221	6,197	-18.5	4.7	-1.8
MANUFACTURING	39,651	39,856	39,640	-6.0	6.7	3.3
TRANSPORTATION AND PUBLIC UTILITIES	9,519	9,544	9,559	-3.1	-1.9	2.2
WHOLESALE AND RETAIL TRADE	28,956	28,954	28,603	0.1	15.8	4.1
FINANCE, INSURANCE, AND REAL ESTATE	7,650	7,610	7,564	6.5	7.5	4.2
SERVICES	22,398	21,979	21,752	25.4	13.3	5.0
GOVERNMENT	27,101	27,165	27,235	-2.8	-3.0	3.5

¹ Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*—Chapter 25. Output Per Man-Hour Measures, Private Economy.

² "Annual rate" refers to total man-hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.

³ Percent change compounded at annual rates.
p= preliminary.

SOURCE: Bureau of Labor Statistics, Office of Productivity and Technology.

**C-10: Output per man-hour, hourly compensation, and unit labor costs,
private economy, seasonally adjusted**

(Indexes 1967 = 100)

Year and quarter	Output		Man-hours		Output per man-hour		Compensation per man-hour ¹		Real compensation per man-hour ²		Unit labor costs		Unit nonlabor payments ³		Implicit price deflator	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1969: 1st quarter	107.3	107.4	103.4	104.0	103.7	103.2	112.5	111.9	104.9	104.2	108.5	108.3	102.6	102.6	106.2	106.2
2d quarter	107.7	108.1	104.2	104.9	103.4	103.0	116.5	113.7	104.9	104.2	110.7	110.4	102.8	102.6	107.6	107.4
3d quarter	108.2	108.5	105.4	103.6	103.0	116.7	115.6	105.5	104.5	112.7	112.3	103.0	103.0	103.0	108.9	108.8
4th quarter	107.5	107.9	104.0	105.2	103.3	102.5	119.5	118.0	106.5	105.2	115.6	115.1	102.1	101.8	110.4	110.1
Annual average ...	107.7	108.0	104.0	104.9	103.5	102.9	115.8	114.8	105.5	104.5	111.9	111.6	102.6	102.5	108.3	108.1
1970: 1st quarter	106.8	107.0	103.7	104.9	103.0	102.0	121.5	119.9	106.6	105.2	117.9	117.5	102.1	101.6	111.8	111.5
2d quarter	107.3	107.3	103.1	104.0	104.0	103.2	123.1	121.9	106.4	105.3	118.3	118.1	104.2	104.1	112.8	112.8
3d quarter	107.9	108.1	102.0	103.1	105.8	104.9	126.0	124.5	107.6	106.4	119.1	118.7	105.7	105.8	113.9	113.9
4th quarter	106.5	106.5	100.8	102.0	105.6	104.4	127.7	126.1	107.7	106.3	120.9	120.7	107.4	107.9	115.6	115.9
Annual average ...	107.1	107.2	102.4	103.5	104.6	103.6	124.5	123.1	107.0	105.8	119.0	118.8	104.9	104.9	113.5	113.5
1971: 1st quarter	108.7	108.7	101.3	102.5	107.3	106.1	130.1	128.4	108.8	107.5	121.2	121.1	110.3	110.6	117.0	117.1
2d quarter	109.7	109.8	101.7	102.8	107.8	106.9	132.0	130.7	109.3	108.2	122.4	122.3	111.6	111.7	118.2	118.3
3d quarter	110.4	110.5	101.4	102.6	108.8	107.6	134.1	132.5	109.9	108.6	123.2	123.1	112.5	112.5	119.0	119.1
4th quarter	112.3	112.7	102.2	103.3	109.9	109.1	135.9	134.4	110.8	109.6	123.6	123.3	112.6	112.3	119.3	119.1
Annual average ...	110.3	110.4	101.7	102.8	108.5	107.4	133.0	131.5	109.6	108.4	122.6	122.4	111.8	111.8	118.4	118.4
1972: 1st quarter	114.3	114.9	103.1	104.2	110.8	110.3	138.6	137.3	112.0	110.9	125.1	124.5	113.5	113.1	120.6	120.2
2d quarter	117.0p	117.7p	104.0p	105.4p	112.5p	111.6p	140.5p	138.9p	112.7p	111.4p	124.9p	124.4p	115.2p	114.7p	121.2p	120.7p
3d quarter																
4th quarter																
Annual average ...																
Percent change over previous quarter at annual rate ⁴																
1969: 1st quarter	3.6	3.2	3.4	4.2	0.2	-1.0	6.1	5.6	1.1	0.6	5.9	6.7	1.5	0.7	4.2	4.4
2d quarter	1.8	2.5	3.3	3.6	-1.5	-1.1	7.0	6.6	0.1	-0.3	8.6	7.7	0.6	0.1	5.5	4.9
3d quarter	1.7	1.8	0.9	1.9	0.8	-0.0	8.2	7.0	2.2	1.1	7.3	7.1	1.0	1.5	4.9	5.0
4th quarter	-2.5	-2.5	-1.6	-0.7	-1.0	-0.8	9.8	8.6	3.8	2.7	10.8	10.6	-3.6	-4.6	5.4	4.5
1970: 1st quarter	-2.2	-3.0	-1.4	-1.2	-1.2	-1.8	6.9	6.5	0.6	0.2	8.2	8.4	0.2	-0.5	5.2	5.2
2d quarter	1.7	1.1	-2.2	-3.6	4.0	4.8	5.4	7.1	-1.0	0.5	1.4	2.2	8.2	10.2	3.8	4.9
3d quarter	2.3	2.9	-4.3	-3.5	7.0	6.6	9.6	8.9	4.9	4.1	2.5	2.1	6.2	6.7	3.8	3.7
4th quarter	-5.1	-5.7	-4.5	-4.0	-0.6	-1.7	5.6	4.9	0.2	-0.4	6.3	6.8	6.4	8.1	6.3	7.2
1971: 1st quarter	8.7	8.6	2.1	2.1	6.5	6.4	7.7	7.8	4.3	4.4	1.1	1.3	11.3	10.5	4.7	4.5
2d quarter	3.7	4.1	1.7	1.0	2.0	3.1	6.1	7.2	1.6	2.7	4.0	4.0	4.9	4.0	4.3	4.0
3d quarter	2.5	2.4	-1.2	-0.5	3.8	2.9	6.4	5.6	2.3	1.5	2.5	2.7	3.2	2.7	2.8	2.7
4th quarter	7.2	8.1	3.0	2.6	4.1	5.4	5.6	6.0	3.3	3.6	1.5	0.5	0.2	-0.6	1.0	0.1
1972: 1st quarter	7.0	8.1	3.6	3.5	3.3	4.5	8.1	8.7	4.6	5.1	4.7	4.0	3.5	3.0	4.2	3.7
2d quarter	9.7p	10.0p	3.5p	4.8p	6.0p	5.0p	5.6p	4.7p	2.4p	1.6p	-0.4p	-0.2p	6.1p	5.6p	2.0p	1.8p
3d quarter																
4th quarter																
Percent change over previous year ⁵																
Year ending -																
1971: 1st quarter	1.8	1.6	-2.3	-2.3	4.2	4.0	7.1	7.2	2.1	2.1	2.8	3.1	8.0	8.8	4.7	5.1
2d quarter	2.3	2.3	-1.3	-1.2	3.7	3.5	7.2	7.2	2.7	2.7	3.4	3.5	7.2	7.3	4.8	4.9
3d quarter	2.3	2.2	-0.5	-0.4	2.9	2.6	6.4	6.4	2.1	2.0	3.4	3.7	6.4	6.3	4.5	4.6
4th quarter	5.5	5.8	1.4	1.3	4.1	4.4	6.4	6.7	2.9	3.1	2.3	2.1	4.8	4.1	3.2	2.8
1972: 1st quarter	5.1	5.6	1.8	1.6	3.3	4.0	6.6	6.9	2.9	3.2	3.2	2.8	2.9	2.3	3.1	2.6
2d quarter	6.6p	7.1p	2.2p	2.6p	4.3p	4.4p	6.4p	6.2p	3.1p	2.9p	2.1p	1.7p	3.2p	2.6p	2.5p	2.1p
3d quarter																
4th quarter																

¹ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

² Compensation per man-hour adjusted for changes in the Consumer Price Index.

³ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁴ Percent change computed from original data.

⁵ Current quarter divided by comparable quarter a year ago.

p= preliminary.

r= revised.

NOTE: Data has been revised to reflect new GNP benchmarks.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics. See *BLS Handbook of Methods for Surveys and Studies—Chapter 25. Output Per Man-Hour Measures, Private Economy.*

C-11: Indexes of average hourly earnings, private nonfarm economy,¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private ²		Mining		Contract construction		Manufacturing	
1964	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.2
1965	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970	121.2	104.2	120.3	103.5	127.4	109.6	119.7	102.9
1971	129.6	106.9	127.1	104.7	138.7	114.3	127.6	105.2
1971: July	129.9	106.6	126.5	103.9	138.5	113.7	127.8	104.9
August	130.5	106.9	128.3	105.1	140.1	114.8	128.3	105.1
September	131.7	107.8	129.6	106.1	142.6	116.7	129.1	105.6
October	131.5	107.5	126.4	103.2	143.6	117.3	128.9	105.3
November	131.7	107.4	127.4	103.9	143.2	116.8	129.0	105.2
December	133.4	108.3	132.9	108.0	142.8	116.0	131.7	107.0
1972: January	134.6	109.3	134.2	108.9	143.7	116.6	132.7	107.7
February	135.0	109.0	134.0	108.2	143.5	115.9	133.2	107.6
March	135.4	109.2	134.3	108.3	143.6	115.8	133.7	107.8
April	136.5	109.8	135.5	109.0	144.6	116.4	134.2	108.0
May	136.8	109.7	134.8	108.1	146.1	117.2	134.8	108.1
June p	136.8	109.4	135.7	108.6	144.9	116.0	134.8	107.8
July p	137.4	(*)	137.1	(*)	145.0	(*)	135.3	(*)

Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964	89.4	96.2	87.3	93.9	89.2	96.0	86.3	92.9
1965	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970	118.9	102.3	121.1	104.1	118.9	102.2	122.2	105.1
1971	130.0	107.2	128.3	105.8	126.8	104.5	130.3	107.4
1971: July	129.5	106.3	128.7	105.7	127.2	104.4	130.8	107.4
August	131.0	107.3	129.1	105.7	127.7	104.6	131.3	107.5
September	133.6	109.3	129.9	106.3	127.6	104.4	132.5	108.5
October	133.3	108.9	129.9	106.2	127.8	104.4	131.7	107.6
November	133.8	109.1	130.1	106.1	127.7	104.2	131.9	107.6
December	136.2	110.6	131.0	106.4	129.1	104.9	132.9	108.0
1972: January	137.4	111.6	132.5	107.5	131.3	106.6	134.4	109.1
February	138.3	111.7	132.7	107.2	131.2	106.0	134.8	108.9
March	139.2	112.3	133.1	107.3	131.5	106.0	135.0	108.8
April	141.2	113.6	134.2	107.9	133.4	107.3	136.1	109.5
May	141.7	113.6	134.2	107.6	132.6	106.4	135.9	109.0
June p	142.3	113.8	134.6	107.7	132.4	105.9	135.9	108.7
July p	143.9	(*)	135.2	(*)	133.2	(*)	136.1	(*)

¹ Production and nonsupervisory workers.

² Prior data are as follows:

Total private	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Current dollars	42.6	46.0	48.2	50.0	53.7	56.4	59.6	61.7	63.7	67.0	70.3	73.2	75.8	78.4	80.8	83.5	85.9
1967 dollars	63.7	63.8	67.5	69.3	69.0	70.9	74.4	76.6	79.4	82.3	83.4	84.5	86.8	88.4	90.2	92.2	93.7

* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-16.

EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED

C-12: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period ¹ ending in-								
	1972		1971				1970		
	JuneP	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June
Average hourly compensation:									
All persons, total private economy	6.4	6.6 ^r	6.4 ^r	6.4 ^r	7.2 ^r	7.1	6.9 ^r	7.9 ^r	7.5 ^r
All employees, private nonfarm economy:									
Current dollars	6.2	6.8 ^r	6.6 ^r	6.4 ^r	7.3 ^r	7.3 ^r	6.9 ^r	7.6 ^r	7.1 ^r
1967 dollars	3.0	3.2 ^r	3.0 ^r	2.1 ^r	2.8 ^r	2.3 ^r	1.1 ^r	1.8 ^r	1.0 ^r
Average hourly earnings, private nonfarm economy²:									
Mining	7.2	7.9	2.2	6.5	6.2	5.9	6.6	6.5	6.7
Contract construction	6.8	7.8	8.3	8.6	9.4	9.1	9.1	9.8	9.1
Manufacturing	6.5	6.1	6.5	5.6	6.4	6.4	4.4	5.6	5.6
Transportation and public utilities	11.0	10.2	9.8	9.4	8.7	8.9	6.7	6.1	5.5
Wholesale and retail trade	4.8	5.5	5.4	5.7	6.2	5.9	5.5	6.2	6.3
Finance, insurance, and real estate	4.9	5.9	5.8	7.2	7.8	6.1	5.5	5.2	4.6
Services	5.0	5.4	5.1	5.9	7.2	7.7	8.0	8.0	7.1
Average hourly earnings, private nonfarm economy,² adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.2	6.5	6.4	6.8	7.4	7.3	6.6	6.9	6.5
1967 dollars	2.9	2.9	2.9	2.4	2.9	2.3	.9	1.1	.4
Mining	7.4	8.2	4.6	6.4	5.7	5.0	5.6	5.8	5.9
Contract construction	6.5	7.8	8.2	8.4	9.3	9.1	9.1	9.9	9.1
Manufacturing	6.1	6.3	6.2	6.4	6.9	7.1	6.3	6.6	6.4
Transportation and public utilities	10.8	9.8	9.9	9.1	9.1	9.0	6.6	6.2	5.5
Wholesale and retail trade	5.0	5.7	5.8	6.1	6.4	5.9	5.6	6.1	6.1
Finance, insurance, and real estate	4.9	5.4	5.5	6.9	7.6	6.4	6.2	6.3	5.8
Services	4.7	5.3	5.0	6.3	7.7	7.8	7.7	7.6	6.6
Average hourly earnings, all Federal executive branch employees³	(*)	6.7	3.8	7.2	8.6	13.9	10.5	10.4	14.8
Average union scales, 7 building trades:									
Wages and selected benefits	7.3	11.1	10.8	11.7	12.1	13.5	12.9	12.8	12.9
Hourly wage rates	6.1	10.3	10.1	10.9	11.3	12.3	11.8	11.7	11.9
Wage rates, hired farm labor	5.7	4.7	3.5	5.9	4.8	5.5	5.6	6.3	5.1
Average weekly earnings, private nonfarm economy:²									
Current dollars	6.5	6.6	6.7	5.7	6.2	5.2	4.0	4.3	4.2
1967 dollars	3.3	2.9	3.1	1.3	1.7	.3	-1.6	-1.3	-1.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.0	3.7	3.9	2.3	2.6	1.3	-1.2	-1.0	-1.4

¹ Current quarter divided by comparable quarter a year earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted.

* Not available.
p= preliminary.
r = revised

NOTE: See technical description at end of table C-16.

C-13: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1972		1971				1970		
	JuneP	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June
Average hourly compensation:									
All persons, total private economy	5.6	8.1 ^r	5.6 ^r	6.4 ^r	6.1 ^r	7.7 ^r	5.6 ^r	9.6 ^r	5.4 ^r
All employees, private nonfarm economy:									
Current dollars	4.7	8.6 ^r	6.1 ^r	5.6 ^r	6.9 ^r	7.9 ^r	5.3 ^r	9.0 ^r	7.0 ^r
1967 dollars	1.6	5.0 ^r	3.7 ^r	1.5 ^r	2.4 ^r	4.6 ^r	-.1	4.3 ^r	-.5 ^r
Average hourly earnings, private nonfarm economy¹:									
Mining	6.1	7.5	5.1	5.2	6.9	7.5	5.0	7.3	5.6
Contract construction	4.1	29.6	-8.5	7.1	6.5	4.5	7.8	6.1	5.4
Manufacturing	5.2	6.8	6.9	8.3	9.5	8.6	8.0	11.6	8.1
Transportation and public utilities	7.4	10.3	4.1	4.2	5.8	11.8	.8	7.4	5.8
Wholesale and retail trade	7.6	14.9	9.7	11.8	4.6	13.0	8.5	8.7	5.4
Finance, insurance, and real estate	3.6	6.5	3.7	5.2	6.3	6.4	5.0	7.1	5.1
Services	5.2	8.3	1.6	4.6	9.5	7.9	7.1	6.8	2.7
Services	3.9	8.6	5.0	2.7	5.6	7.1	8.2	7.9	7.5
Average hourly earnings, private nonfarm economy,¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.6	8.6	4.4	6.0	7.1	8.3	5.9	8.3	6.6
1967 dollars	3.1	4.5	2.0	2.0	3.1	4.4	.3	3.8	.6
Mining	3.9	19.8	-8	7.9	7.0	4.7	6.0	5.1	4.4
Contract construction	4.6	6.7	6.7	8.1	9.6	8.3	7.6	11.8	8.7
Manufacturing	5.5	9.3	3.8	5.9	6.3	8.9	4.7	7.6	7.2
Transportation and public utilities	10.4	13.8	9.7	9.4	6.4	14.0	6.6	9.4	6.0
Wholesale and retail trade	4.5	6.3	3.7	5.7	7.2	6.6	5.0	7.0	4.9
Finance, insurance, and real estate	7.4	6.9	1.7	3.8	9.5	7.2	7.0	6.8	4.8
Services	3.9	8.6	4.0	2.5	6.3	7.4	9.1	8.0	6.7
Average hourly earnings, all Federal executive branch employees²	(*)	6.4	2.3	-2.8	1.6	3.5	3.8	2.6	5.3
Average union scales, 7 building trades:									
Wages and selected benefits	3.1	9.8	8.5	7.8	18.5	8.7	12.2	9.5	24.6
Hourly wage rates	1.1	9.9	6.8	7.0	17.9	9.0	10.2	8.4	22.1
Wage rates, hired farm labor	9.2	7.0	-6.5	17.2	2.3	2.4	2.4	12.7	5.0
Average weekly earnings, private nonfarm economy:¹									
Current dollars	7.3	7.5	8.2	3.3	7.3	7.9	4.3	5.4	3.4
1967 dollars	4.7	3.5	5.7	-.6	3.4	4.0	-1.3	1.0	-2.4
Real spendable earnings (worker and 3 dependents, 1967 dollars)	3.8	8.8	4.8	-1.0	2.5	9.6	-1.7	.5	-2.7

¹ Production and nonsupervisory workers.
² Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

* Not available.
p= preliminary.
r = revised

NOTE: See technical description at end of table C-16.

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**
C-14: Twelve-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1972							1971					
	July ^P	June ^P	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Average hourly earnings, private nonfarm economy²	5.5	5.6	5.9	6.5	6.2	6.0	6.3	6.3	5.8	6.4	6.1	6.1	6.2
Mining	7.6	7.2	6.9	7.7	7.2	7.8	8.6	7.8	-1.3	(4)	6.7	6.7	6.0
Contract construction	4.9	5.8	6.7	7.9	7.7	7.6	8.2	8.7	7.9	8.3	9.0	8.0	8.7
Manufacturing	6.1	6.2	6.8	6.5	6.3	6.0	6.0	6.4	6.2	6.8	5.3	5.6	5.9
Transportation and public utilities	10.0	10.8	10.9	11.2	10.5	9.8	10.3	10.5	9.3	9.4	10.0	9.0	9.3
Wholesale and retail trade	4.9	4.5	4.5	5.3	5.3	5.3	5.7	5.8	5.1	5.4	5.5	5.8	5.9
Finance, insurance, and real estate	4.5	4.3	4.3	6.2	5.6	5.3	6.9	6.3	5.1	6.1	6.8	7.4	7.5
Services	4.7	4.7	4.7	5.7	5.4	5.4	5.5	5.2	4.8	5.2	5.2	6.0	6.4
Average hourly earnings, private nonfarm economy,² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.8	5.9	5.9	6.7	6.5	6.3	6.7	6.8	6.0	6.5	6.6	6.9	7.0
1967 dollars	(*)	2.9	2.6	3.1	2.9	2.5	3.3	3.4	2.5	2.7	2.5	2.3	2.5
Mining	8.4	7.5	6.8	8.0	8.1	7.9	8.6	7.7	2.9	3.2	6.7	6.7	5.7
Contract construction	4.7	5.7	6.5	7.4	7.6	7.5	8.3	8.2	8.0	8.4	8.6	8.0	8.6
Manufacturing	5.9	5.9	6.2	6.1	6.3	6.3	6.4	6.4	5.8	6.4	6.1	6.5	6.6
Transportation and public utilities	11.1	10.7	10.5	11.3	10.4	9.2	9.8	11.0	9.2	9.4	9.8	8.9	8.5
Wholesale and retail trade	5.0	4.9	4.6	5.6	5.6	5.5	6.1	6.4	5.3	5.7	5.8	6.0	6.5
Finance, insurance, and real estate	4.7	4.5	4.1	6.1	5.0	4.8	6.4	5.9	4.9	5.7	6.4	7.0	7.1
Services	4.0	4.5	4.1	5.7	5.3	5.2	5.5	5.1	4.7	5.3	5.5	6.6	6.8
Average hourly earnings, all Federal executive branch employees³	(*)	(*)	6.9	7.0	7.8	6.7	5.6	4.5	2.8	4.1	6.7	7.5	7.2
Average weekly earnings, private nonfarm economy:²													
Current dollars	6.7	6.1	6.2	7.4	6.5	6.5	6.6	6.9	6.4	6.7	6.1	5.6	5.3
1967 dollars	(*)	3.1	2.8	3.8	2.9	2.8	3.1	3.5	2.8	3.0	2.0	1.0	.9
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	4.0	3.6	4.5	3.7	3.5	3.9	4.3	3.7	3.8	3.0	2.0	1.9

¹ Current month divided by same month a year earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted.
⁴ Less than 0.05 percent.

* Not available.
 p= preliminary.

NOTE: See technical description at end of table C-16.

C-15: Six-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1972							1971					
	July ^P	June ^P	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Average hourly earnings, private nonfarm economy²	4.6	5.2	7.6	7.6	7.1	5.3	6.5	5.9	4.1	5.4	5.4	6.7	6.1
Mining	3.8	3.3	23.3	23.8	7.4	7.9	11.6	11.2	-7.3	-6.3	7.1	7.7	5.6
Contract construction	2.0	4.5	6.6	7.0	6.3	6.3	7.8	7.1	6.8	8.8	9.2	8.9	8.6
Manufacturing	6.1	6.1	10.8	9.7	7.9	7.4	6.2	6.3	2.8	3.4	4.6	4.6	5.8
Transportation and public utilities	7.3	8.3	11.9	13.4	12.0	12.1	12.7	13.4	9.9	8.9	9.0	7.5	8.0
Wholesale and retail trade	4.1	4.1	5.6	5.6	5.6	4.2	5.6	4.9	3.5	5.0	5.0	6.5	5.8
Finance, insurance, and real estate	3.6	4.2	8.0	8.0	5.5	3.6	5.5	4.3	.6	4.4	5.7	7.0	8.4
Services	2.0	4.0	6.7	8.1	6.0	6.8	7.5	5.4	2.7	3.4	4.8	4.1	3.4
Average hourly earnings, private nonfarm economy,² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	4.5	5.2	8.1	8.0	6.5	5.9	7.1	6.6	3.8	5.3	6.4	6.8	6.4
1967 dollars	(*)	2.2	4.5	4.7	3.3	2.4	4.1	3.6	.8	1.6	2.5	2.7	2.5
Mining	4.9	5.1	14.3	15.9	7.8	7.5	11.9	10.0	-2	.6	8.4	8.4	5.4
Contract construction	1.7	4.7	6.2	6.2	6.4	6.0	7.8	6.8	6.9	8.6	8.9	9.0	8.7
Manufacturing	5.3	5.4	9.1	7.7	6.8	6.3	6.5	6.5	3.4	4.6	5.7	6.3	6.2
Transportation and public utilities	9.4	9.2	13.5	13.8	11.5	11.0	12.8	12.2	7.6	8.9	9.3	7.5	6.9
Wholesale and retail trade	4.1	3.9	5.9	6.4	5.2	3.9	5.9	5.9	3.4	4.8	6.0	7.2	6.2
Finance, insurance, and real estate	3.8	5.4	7.4	8.7	4.6	2.6	5.6	3.6	.9	3.7	5.5	7.2	7.2
Services	.6	4.3	6.8	7.7	5.4	5.8	7.6	4.7	1.4	3.7	5.2	4.6	3.4
Average hourly earnings, all Federal executive branch employees³	(*)	(*)	9.0	8.5	6.5	7.0	7.7	5.8	-3.8	-2.7	2.5	-4	-3.8
Average weekly earnings, private nonfarm economy:²													
Current dollars	6.3	5.7	7.0	9.4	9.4	7.0	7.1	6.5	5.3	5.4	3.7	6.1	6.1
1967 dollars	(*)	2.7	3.5	6.0	6.1	3.5	4.1	3.6	2.2	1.7	-2	2.0	2.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	5.1	5.7	8.0	8.2	5.8	6.4	2.9	1.7	1.1	-6	1.3	1.5

¹ Current month divided by month 6 months earlier.
² Production and nonsupervisory workers.
³ Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

* Not available.
 p= preliminary.

NOTE: See technical description at end of table C-16.

EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED

C-16: Average hourly or weekly compensation, seasonally adjusted

Measure	1972							1971						
	2d quarter				1st quarter			4th quarter			3d quarter			
	JulyP	JuneP	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
Levels														
Average hourly earnings, private nonfarm economy ¹	\$ 3.62	\$ 3.61	\$ 3.61	\$ 3.61	\$ 3.58	\$ 3.55	\$ 3.54	\$ 3.52	\$ 3.48	\$ 3.48	\$ 3.46	\$ 3.46	\$ 3.43	
Mining	4.38	4.34	4.33	4.35	4.30	4.29	4.30	4.27	3.90	3.91	4.15	4.13	4.07	
Contract construction	6.00	6.03	6.05	6.04	5.99	5.96	5.94	5.90	5.86	5.84	5.81	5.78	5.72	
Manufacturing	3.80	3.79	3.79	3.77	3.74	3.72	3.69	3.68	3.60	3.60	3.60	3.59	3.58	
Transportation and public utilities	4.64	4.60	4.58	4.58	4.54	4.49	4.48	4.42	4.33	4.30	4.29	4.24	4.22	
Wholesale and retail trade	3.02	3.00	2.99	2.99	2.98	2.96	2.96	2.94	2.91	2.91	2.90	2.90	2.88	
Finance, insurance, and real estate	3.45	3.42	3.43	3.45	3.40	3.38	3.39	3.35	3.30	3.32	3.31	3.32	3.30	
Services	3.12	3.12	3.13	3.14	3.11	3.10	3.09	3.06	3.03	3.02	3.02	3.00	2.98	
Wage rates, hired farm labor (quarterly data)	1.84	-	-	1.80	-	-	1.77	-	-	1.80	-	-	1.73	
Average weekly earnings, private nonfarm economy:¹														
Current dollars	135.03	134.65	133.57	134.65	132.82	132.06	130.98	130.94	129.11	128.76	126.98	127.67	126.57	
1967 dollars	(*)	107.90	107.10	108.32	107.03	106.45	106.18	106.46	105.29	105.20	103.91	104.62	104.07	
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	96.08	95.45	96.45	95.46	95.00	94.85	93.73	92.85	92.79	91.79	92.36	91.97	
Indexes, 1967=100														
Average hourly compensation (quarterly data):														
All persons, total private economy	-	-	140.5	-	-	138.6 ^r	-	-	135.9 ^r	-	-	134.1 ^r	-	
All employees, private nonfarm economy:	-	-	-	-	-	-	-	-	-	-	-	-	-	
Current dollars	-	-	139.0	-	-	137.4 ^r	-	-	134.6 ^r	-	-	132.7 ^r	-	
1967 dollars	-	-	111.5	-	-	111.1 ^r	-	-	109.7 ^r	-	-	108.7 ^r	-	
Average hourly earnings, private nonfarm economy,¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:														
Total, current dollars	137.5	136.9	136.8	136.6	135.5	134.7	134.5	133.5	131.6	131.4	131.3	130.9	130.0	
1967 dollars	(*)	109.7	109.7	109.9	109.2	108.6	109.0	108.5	107.3	107.4	107.5	107.3	106.9	
Mining	137.4	136.1	135.0	135.5	134.6	134.0	134.1	132.8	126.2	125.9	129.6	129.2	126.8	
Contract construction	145.3	146.0	146.4	145.9	145.0	144.2	144.1	142.7	142.1	141.6	140.6	140.1	138.8	
Manufacturing	135.7	135.1	134.8	134.0	133.4	132.8	132.3	131.6	129.0	129.1	129.1	128.8	128.2	
Transportation and public utilities	143.9	142.3	142.1	141.8	140.0	138.1	137.6	136.2	133.4	132.9	132.6	131.1	129.5	
Wholesale and retail trade	135.3	134.4	133.8	134.1	133.0	132.3	132.6	131.8	130.1	129.9	129.7	129.7	128.9	
Finance, insurance, and real estate	133.3	132.8	132.5	133.5	131.9	130.0	130.8	129.4	127.9	128.1	128.1	128.4	127.3	
Services	135.1	135.9	136.3	136.7	135.4	134.8	134.8	133.1	131.9	131.7	131.9	131.0	129.9	
Average hourly earnings, all Federal executive branch employees²														
	(*)	(*)	150.0	149.5	150.0	148.9	147.0	143.5	137.6	137.8	140.8	139.2	136.5	
Average union scales, 7 building trades (quarterly data):														
Wages and selected benefits	157.6	-	-	156.4	-	-	152.8	-	-	149.7	-	-	146.9	
Hourly wage rates	150.3	-	-	149.9	-	-	146.4	-	-	144.0	-	-	141.6	

¹ Production and nonsupervisory workers. ² Not seasonally adjusted. r = revised * Not available. p = preliminary.

Technical description covering tables C-11 through C-16

Characteristic	Average hourly compensation	Average hourly and weekly earnings	Union scales, building trades	Wage rates, hired farm labor
Reference period and source	Basic time series consists of quarterly averages. Data are developed by BLS from Department of Commerce estimates of compensation and BLS man-hour estimates.	Basic time series consists of averages for payroll period including 12th of month. Monthly data have been summed and divided by 3 to obtain quarterly averages. Private industry data obtained by BLS from a stratified probability sample of establishments. Federal data obtained from the Civil Service Commission. Published by BLS monthly in <i>Employment and Earnings</i> .	Basic time series consists of wage rates and selected benefits as of January 1, April 1, July 1, and October 1. Data obtained by BLS from local union officials and union agreements. Published quarterly in press releases.	Basic time series consists of rates as of week preceding January 1, April 1, July 1, and October 1. Data obtained by Department of Agriculture from a sample survey of farm operators and published quarterly in <i>Farm Labor</i> by USDA.
Type of compensation	Compensation is the total of wages and salaries plus supplements to wages and salaries (according to National Income Accounts definitions) per man-hour paid for.	Basic series consists of regular hourly payroll expenditures before deductions, i.e., straight-time hourly earnings plus premium and incentive pay. Series adjusted for overtime and interindustry employment shifts excludes overtime premiums in manufacturing only. Weekly earnings in 1967 dollars adjust earnings for price changes while spendable earnings adjust for price and Federal income and social security tax changes.	Compensation is, in the case of wage scales, minimum wage rates (excluding premium pay for holiday, vacation, or overtime) agreed upon in collective bargaining. In the case of wages and selected benefits, it is wages, as defined above, plus employer payments to health and welfare, pension, and vacation funds.	Compensation is cash payments to worker, exclusive of perquisites such as room or board.
Type of worker	1. Total private economy: All persons, i.e., all employees and imputed compensation of self employed. 2. Nonfarm economy: All nonfarm employees including government enterprise and private household workers.	1. Private: Production and related workers in mining and manufacturing; construction workers in contract construction; and nonsupervisory workers in all other industries. 2. Federal Executive Branch: All workers, supervisory and nonsupervisory.	Unionized building trades workers in continental United States cities of 100,000 population or more in the following seven trades: Bricklayers, building laborers, carpenters, electricians, painters, plasterers, and plumbers.	Hired farm workers defined as those working only for wages, for 1 hour or more on farm during survey week.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-17: 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		
	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971
ALABAMA	\$133.86	\$131.11	\$124.01	41.7	41.1	41.2	\$3.21	\$3.19	\$3.01
Birmingham	158.59	154.66	149.82	41.3	40.7	41.5	3.84	3.80	3.61
Mobile	157.73	154.42	147.42	41.4	41.4	42.0	3.81	3.73	3.51
ALASKA	(*)	212.81	214.14	(*)	37.8	41.5	(*)	5.63	5.16
ARIZONA	155.50	153.12	147.70	40.6	40.4	40.8	3.83	3.79	3.62
Phoenix	154.37	153.97	152.85	40.2	40.2	41.2	3.84	3.83	3.71
Tucson	149.17	147.73	136.86	40.1	39.5	39.9	3.72	3.74	3.43
ARKANSAS	112.19	111.63	105.06	40.5	40.3	40.1	2.77	2.77	2.62
Fort Smith	111.88	107.92	102.77	40.1	39.1	40.3	2.79	2.76	2.55
Little Rock--North Little Rock	119.48	118.40	110.60	40.5	40.0	39.5	2.95	2.96	2.80
Pine Bluff	142.10	138.36	129.30	40.6	41.3	39.3	3.50	3.35	3.29
CALIFORNIA	170.05	168.84	161.60	40.2	40.2	39.9	4.23	4.20	4.05
Anaheim--Santa Ana--Garden Grove	166.87	165.24	158.71	40.9	40.7	40.8	4.08	4.06	3.89
Bakersfield	173.26	170.83	163.61	40.2	40.1	40.1	4.31	4.26	4.08
Fresno	146.57	143.24	137.71	39.4	38.3	38.9	3.72	3.74	3.54
Los Angeles--Long Beach	164.03	162.41	155.59	40.5	40.5	40.1	4.05	4.01	3.88
Modesto	150.75	150.14	135.77	37.5	38.3	37.3	4.02	3.92	3.64
Oxnard--Simi Valley--Ventura	152.06	152.82	143.39	39.6	39.9	39.5	3.84	3.83	3.63
Riverside--San Bernardino--Ontario	168.48	164.80	159.53	40.5	40.0	40.8	4.16	4.12	3.91
Sacramento	172.82	171.58	168.58	37.9	38.3	38.4	4.56	4.48	4.39
Salinas--Seaside--Monterey	147.29	147.07	140.14	37.1	38.1	39.7	3.97	3.86	3.53
San Diego	173.36	169.99	169.12	39.4	38.9	39.7	4.40	4.37	4.26
San Francisco--Oakland	193.85	191.78	180.64	39.4	39.3	39.1	4.92	4.88	4.62
San Jose	172.87	180.59	171.25	39.2	40.4	40.2	4.41	4.47	4.26
Santa Barbara--Santa Maria--Lompoc	149.31	152.10	145.16	37.8	39.2	38.2	3.95	3.88	3.80
Santa Rosa	162.35	159.94	146.28	39.5	39.2	37.7	4.11	4.08	3.88
Stockton	172.22	169.65	168.06	38.7	39.0	40.4	4.45	4.35	4.16
Vallejo--Fairfield--Napa	164.40	159.28	150.91	38.5	36.7	38.4	4.27	4.34	3.93
COLORADO	161.13	161.54	153.41	41.0	41.0	40.8	3.93	3.94	3.76
Denver	166.46	166.04	159.14	41.0	41.2	40.7	4.06	4.03	3.91
CONNECTICUT	160.96	157.80	146.57	41.7	41.2	40.6	3.86	3.83	3.61
Bridgeport	163.83	160.22	152.03	41.9	41.4	41.2	3.91	3.87	3.69
Hartford	169.28	166.84	151.15	41.9	41.4	40.2	4.04	4.03	3.76
New Britain	167.20	167.09	147.53	41.8	42.3	40.2	4.00	3.95	3.67
New Haven	157.32	156.18	146.61	41.4	41.1	40.5	3.80	3.80	3.62
Stamford	164.42	162.39	151.62	40.9	40.7	39.9	4.02	3.99	3.80
Waterbury	150.16	150.45	139.93	42.3	42.5	41.4	3.55	3.54	3.38
DELAWARE	158.39	156.81	157.00	40.2	39.8	41.1	3.94	3.94	3.82
Wilmington	176.44	171.11	174.28	40.1	39.7	41.2	4.40	4.31	4.23
DISTRICT OF COLUMBIA:									
Washington SMSA	(*)	172.48	162.66	(*)	38.5	39.1	(*)	4.48	4.14
FLORIDA	133.81	132.48	126.18	41.3	41.4	41.1	3.24	3.20	3.07
Fort Lauderdale--Hollywood	138.77	134.72	129.23	41.3	40.7	39.4	3.36	3.31	3.28
Jacksonville	151.37	155.88	135.46	41.7	43.3	41.3	3.63	3.60	3.28
Miami	123.55	125.14	116.61	39.6	40.5	39.8	3.12	3.09	2.93
Orlando	132.71	126.07	123.16	42.4	41.2	39.6	3.13	3.06	3.11
Pensacola	158.67	156.29	149.03	42.2	41.9	42.1	3.76	3.73	3.54
Tampa--St. Petersburg	136.96	136.68	136.40	40.4	40.2	42.1	3.39	3.40	3.24
West Palm Beach	154.22	153.06	136.08	40.8	40.6	40.5	3.78	3.77	3.36
GEORGIA	125.33	122.51	115.87	41.5	40.7	40.8	3.02	3.01	2.84
Atlanta	157.16	155.59	144.40	40.4	40.1	40.0	3.89	3.88	3.61
Savannah	159.41	155.06	147.90	43.2	42.6	42.5	3.69	3.64	3.48

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

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**C-17: 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		
	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971
HAWAII	\$140.44	\$142.60	\$127.66	42.3	39.5	39.4	\$3.32	\$3.61	\$3.24
Honolulu	141.14	136.68	125.44	42.9	38.5	39.2	3.29	3.55	3.20
IDAHO	146.92	142.35	138.50	39.6	39.0	39.8	3.71	3.65	3.48
ILLINOIS	173.68	170.00	158.39	41.2	40.6	40.3	4.21	4.19	3.93
Chicago	(*)	172.24	159.83	(*)	40.6	40.2	(*)	4.24	3.97
Davenport--Rock Island--Moline	(*)	196.02	176.25	(*)	40.4	39.1	(*)	4.85	4.50
Decatur	183.44	179.09	167.72	41.1	40.4	40.1	4.46	4.43	4.18
Peoria	205.15	197.17	183.67	41.6	40.6	40.2	4.93	4.86	4.56
Rockford	(*)	168.88	155.42	(*)	41.7	40.2	(*)	4.05	3.86
Springfield	192.23	185.06	180.50	42.2	40.9	42.0	4.55	4.52	4.29
INDIANA	178.40	176.69	164.83	41.2	40.9	40.8	4.33	4.32	4.04
Indianapolis	(*)	182.90	167.28	(*)	41.1	41.1	(*)	4.45	4.07
IOWA	171.23	171.20	160.00	40.1	40.0	40.0	4.27	4.28	4.00
Cedar Rapids	171.67	169.43	168.09	41.0	40.6	41.3	4.19	4.17	4.07
Des Moines	164.97	176.80	168.80	36.8	39.1	40.0	4.48	4.53	4.22
Dubuque	194.68	191.00	174.34	39.2	38.4	37.9	4.97	4.98	4.60
Sioux City	142.08	147.21	154.82	39.6	40.3	42.3	3.59	3.65	3.66
Waterloo	215.65	209.01	177.20	43.1	41.9	40.0	5.00	4.99	4.43
KANSAS	157.20	152.61	146.30	41.9	40.9	41.6	3.75	3.73	3.52
Topeka	202.81	179.37	156.26	49.0	43.3	41.5	4.14	4.14	3.77
Wichita	161.70	160.80	158.55	42.0	42.0	42.7	3.85	3.83	3.71
KENTUCKY	149.48	148.74	135.93	40.4	40.2	39.4	3.70	3.70	3.45
Louisville	175.39	174.53	156.39	40.6	40.4	39.0	4.32	4.32	4.01
LOUISIANA	155.98	151.73	146.89	42.5	41.8	42.7	3.67	3.63	3.44
Baton Rouge	208.89	206.57	192.51	42.2	41.9	41.4	4.95	4.93	4.65
New Orleans	156.46	151.03	145.12	41.5	40.6	41.7	3.77	3.72	3.48
Shreveport	141.46	140.78	138.35	42.1	41.9	42.7	3.36	3.36	3.24
MAINE	122.51	120.18	114.00	40.7	40.6	40.0	3.01	2.96	2.85
Lewiston--Auburn	102.29	99.91	93.24	38.6	37.7	37.0	2.65	2.65	2.52
Portland	136.86	132.76	127.84	41.1	40.6	40.2	3.33	3.27	3.18
MARYLAND	157.17	155.59	145.16	40.3	40.1	40.1	3.90	3.88	3.62
Baltimore	165.24	162.81	151.50	40.8	40.4	40.4	4.05	4.03	3.75
MASSACHUSETTS	147.02	145.20	134.35	40.5	40.0	39.4	3.63	3.63	3.41
Boston	161.19	158.80	146.63	40.5	39.9	39.1	3.98	3.98	3.75
Brockton	128.88	126.32	118.81	40.4	39.6	38.7	3.19	3.19	3.07
Fall River	103.78	106.03	102.08	35.3	35.7	36.2	2.94	2.97	2.82
Lawrence--Haverhill	140.35	138.20	129.85	40.1	39.6	40.2	3.50	3.49	3.23
Lowell	131.60	129.59	117.95	39.4	38.8	38.8	3.34	3.34	3.04
New Bedford	121.35	117.73	109.79	39.4	38.6	37.6	3.08	3.05	2.92
Springfield--Chicopee--Holyoke	148.83	147.46	134.35	41.0	40.4	39.4	3.63	3.65	3.41
Worcester	149.48	145.36	135.14	40.4	39.5	38.5	3.70	3.68	3.51
MICHIGAN	209.14	207.95	192.45	42.9	42.5	41.9	4.88	4.89	4.59
Ann Arbor	220.04	221.17	219.57	43.4	43.4	44.7	5.07	5.10	4.91
Battle Creek	200.10	196.44	172.68	42.1	41.6	40.0	4.75	4.72	4.32
Bay City	(*)	184.07	168.25	(*)	41.3	39.7	(*)	4.46	4.24
Detroit	226.46	225.07	203.96	43.4	43.3	42.5	5.22	5.20	4.80
Flint	238.47	240.63	221.72	43.5	43.6	42.2	5.48	5.52	5.25
Grand Rapids	168.39	167.80	162.91	41.0	40.6	40.8	4.11	4.13	3.99
Jackson	198.94	192.86	170.13	42.6	41.6	39.2	4.67	4.64	4.34
Kalamazoo	196.60	191.12	175.56	43.2	42.2	41.7	4.55	4.53	4.21
Lansing--East Lansing	226.32	233.23	197.67	43.2	44.4	40.9	5.24	5.25	4.83
Muskegon--Muskegon Heights	178.71	175.05	158.97	41.3	40.7	40.4	4.33	4.30	3.94
Saginaw	(*)	224.26	229.11	(*)	41.7	43.4	(*)	5.38	5.28

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGSC-17: 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		
	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971
MINNESOTA	\$ 161.60	\$ 160.00	\$ 153.95	40.3	40.0	40.3	\$ 4.01	\$ 4.00	\$ 3.82
Duluth-Superior	154.82	159.96	139.48	39.8	40.6	39.4	3.89	3.94	3.54
Minneapolis-St. Paul	174.64	170.07	164.02	40.9	40.3	40.6	4.27	4.22	4.04
MISSISSIPPI	113.99	111.38	105.11	41.3	40.5	40.9	2.76	2.75	2.57
Jackson	110.15	108.95	109.82	41.1	40.5	42.9	2.68	2.69	2.56
MISSOURI	152.31	150.75	143.68	40.4	40.2	39.8	3.77	3.75	3.61
Kansas City	145.96	145.20	141.91	40.1	40.0	40.2	3.64	3.63	3.53
St. Joseph	155.41	153.28	148.14	43.9	43.3	43.7	3.54	3.54	3.39
St. Louis	175.00	174.55	164.02	40.5	40.5	40.2	4.32	4.31	4.08
Springfield	132.52	131.52	118.50	40.9	41.1	38.6	3.24	3.20	3.07
MONTANA	163.22	162.81	156.42	40.5	40.3	39.5	4.03	4.04	3.96
NEBRASKA	147.65	144.98	140.49	41.8	41.1	42.0	3.53	3.53	3.35
Lincoln	136.40	132.71	129.05	39.9	39.3	40.2	3.42	3.37	3.21
Omaha	153.14	150.19	143.87	40.7	40.4	40.9	3.76	3.72	3.52
NEVADA	181.15	180.05	166.36	40.8	40.1	39.8	4.44	4.49	4.18
Las Vegas	208.08	212.77	194.68	41.7	42.3	40.9	4.99	5.03	4.76
NEW HAMPSHIRE	127.92	126.17	118.08	40.1	39.8	39.1	3.19	3.17	3.02
Manchester	116.19	115.20	106.68	38.6	38.4	38.1	3.01	3.00	2.80
NEW JERSEY	163.88	160.29	149.00	41.7	41.1	40.6	3.93	3.90	3.67
Atlantic City	134.52	133.12	114.95	39.8	39.5	37.2	3.38	3.37	3.09
Camden ¹	159.74	153.85	146.25	41.6	40.7	40.4	3.84	3.78	3.62
Jersey City ²	162.31	159.14	148.64	41.3	40.7	40.5	3.93	3.91	3.67
Newark ²	163.56	160.37	150.72	41.2	40.6	40.3	3.97	3.95	3.74
Paterson-Clifton-Passaic ²	161.95	158.37	146.49	41.0	40.4	39.7	3.95	3.92	3.69
Perth Amboy ²	175.98	175.14	163.51	41.8	41.7	41.5	4.21	4.20	3.94
Trenton	168.02	166.44	149.25	41.9	41.3	39.8	4.01	4.03	3.75
NEW MEXICO	(*)	120.36	108.67	(*)	40.8	40.1	(*)	2.95	2.71
Albuquerque	(*)	122.49	124.15	(*)	39.9	41.8	(*)	3.07	2.97
NEW YORK	158.01	156.02	145.84	39.7	39.4	39.1	3.98	3.96	3.73
Albany-Schenectady-Troy	176.36	175.92	160.79	41.4	41.2	40.4	4.26	4.27	3.98
Binghamton	154.01	152.97	146.73	41.4	40.9	41.1	3.72	3.74	3.57
Buffalo	192.15	190.44	176.73	41.5	41.4	41.1	4.63	4.60	4.30
Elmira	149.25	141.35	137.16	39.8	38.1	39.3	3.75	3.71	3.49
Monroe County ³	191.17	194.69	176.14	41.2	41.6	40.4	4.64	4.68	4.36
Nassau and Suffolk Counties ⁴	154.39	152.87	149.14	40.1	39.5	40.2	3.85	3.87	3.71
New York-Northeastern New Jersey	(*)	152.10	142.40	(*)	39.1	38.8	(*)	3.89	3.67
New York SMSA ²	147.45	144.77	137.97	38.2	37.8	37.8	3.86	3.83	3.65
New York City ⁴	145.52	142.87	135.77	37.7	37.4	37.3	3.86	3.82	3.64
Rochester	184.58	186.71	170.47	41.2	41.4	40.3	4.48	4.51	4.23
Rockland County ⁴	152.82	150.53	146.37	39.9	39.2	40.1	3.83	3.84	3.65
Syracuse	170.57	165.65	153.12	41.4	40.7	40.4	4.12	4.07	3.79
Utica-Rome	145.80	143.07	135.94	40.5	40.3	40.1	3.60	3.55	3.39
Westchester County ⁴	156.02	152.87	142.45	39.6	39.4	38.5	3.94	3.88	3.70
NORTH CAROLINA	112.75	111.10	104.38	41.0	40.4	40.3	2.75	2.75	2.59
Asheville	109.34	108.79	102.14	40.8	40.9	39.9	2.68	2.66	2.56
Charlotte	120.13	120.13	111.76	41.0	41.0	40.2	2.93	2.93	2.78
Greensboro-Winston-Salem-High Point	124.62	123.69	114.84	40.2	39.9	39.6	3.10	3.10	2.90
Raleigh	116.35	112.79	110.98	40.4	39.3	40.8	2.88	2.87	2.72
NORTH DAKOTA	135.05	131.20	131.15	40.8	40.0	41.9	3.31	3.28	3.13
Fargo-Moorhead	155.94	146.65	146.89	40.4	38.9	39.7	3.86	3.77	3.70

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-17: 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		
	June, 1972 ^P	May 1972	June 1971	June, 1972 ^P	May 1972	June 1971	June, 1972 ^P	May 1972	June 1971
OHIO	\$183.90	\$182.60	\$170.98	41.7	41.5	41.5	\$4.41	\$4.40	\$4.12
Akron.....	199.88	197.07	177.94	42.8	42.2	41.0	4.67	4.67	4.34
Canton.....	184.16	179.45	159.94	41.2	40.6	39.2	4.47	4.42	4.08
Cincinnati.....	175.11	172.22	161.82	42.4	41.8	41.6	4.13	4.12	3.89
Cleveland.....	190.80	189.48	175.98	42.4	42.2	41.8	4.50	4.49	4.21
Columbus.....	166.43	164.79	152.08	40.2	39.9	39.4	4.14	4.13	3.86
Dayton.....	201.54	200.98	185.32	42.7	42.4	41.0	4.72	4.74	4.52
Toledo.....	196.46	195.99	182.27	41.8	41.7	41.9	4.70	4.70	4.35
Youngstown--Warren.....	199.55	196.11	190.49	41.4	41.2	43.0	4.82	4.76	4.43
OKLAHOMA	141.86	138.57	131.38	41.0	40.4	40.3	3.46	3.43	3.26
Oklahoma City.....	144.26	138.80	130.17	41.1	40.0	40.3	3.51	3.47	3.23
Tulsa.....	152.56	149.41	142.21	40.9	40.6	40.4	3.73	3.68	3.52
OREGON	171.97	172.73	165.11	39.9	39.8	39.5	4.31	4.34	4.18
Eugene--Springfield.....	184.41	182.21	175.89	42.2	41.6	41.0	4.37	4.38	4.29
Portland.....	169.38	168.95	158.28	39.3	39.2	38.7	4.31	4.31	4.09
PENNSYLVANIA	153.62	152.06	142.16	39.9	39.6	39.6	3.85	3.84	3.59
Allentown--Bethlehem--Easton.....	154.84	150.16	140.12	39.3	38.8	38.6	3.94	3.87	3.63
Altoona.....	127.59	125.06	114.22	38.9	38.6	38.2	3.28	3.24	2.99
Delaware Valley ⁵	162.40	160.39	152.83	40.0	39.8	39.8	4.06	4.03	3.84
Erie.....	163.38	160.19	153.72	42.0	41.5	42.0	3.89	3.86	3.66
Harrisburg.....	134.98	137.81	129.82	38.9	39.6	39.7	3.47	3.48	3.27
Johnstown.....	149.41	153.68	147.07	36.8	37.3	38.4	4.06	4.12	3.83
Lancaster.....	143.72	141.86	129.56	40.6	40.3	39.5	3.54	3.52	3.28
Philadelphia SMSA.....	162.01	159.60	151.62	40.2	39.9	39.9	4.03	4.00	3.80
Pittsburgh.....	181.15	179.01	164.01	40.8	40.5	40.9	4.44	4.42	4.01
Reading.....	137.51	136.93	129.81	39.4	38.9	39.1	3.49	3.52	3.32
Scranton.....	111.83	112.27	109.93	35.5	36.1	36.4	3.15	3.11	3.02
Wilkes--Barre--Hazleton.....	116.31	114.95	105.34	37.4	37.2	36.2	3.11	3.09	2.91
York.....	144.67	140.69	132.57	42.3	41.5	41.3	3.42	3.39	3.21
RHODE ISLAND	124.34	122.70	117.11	39.6	39.2	39.3	3.14	3.13	2.98
Providence--Warwick--Pawtucket.....	125.53	124.82	118.59	39.6	39.5	39.4	3.17	3.16	3.01
SOUTH CAROLINA	115.78	113.57	108.24	41.5	41.0	41.0	2.79	2.77	2.64
Charleston.....	(*)	124.64	125.42	(*)	40.6	40.2	(*)	3.07	3.12
Greenville.....	(*)	109.89	108.88	(*)	40.4	41.4	(*)	2.72	2.63
SOUTH DAKOTA	141.88	135.36	138.03	44.9	42.7	44.1	3.16	3.17	3.13
Sioux Falls.....	174.06	164.42	166.50	47.3	44.8	46.9	3.68	3.67	3.55
TENNESSEE	123.02	124.03	117.33	40.6	40.8	40.6	3.03	3.04	2.89
Chattanooga.....	138.20	137.94	130.92	41.5	41.3	41.3	3.33	3.34	3.17
Knoxville.....	137.76	138.63	131.60	39.7	40.3	40.0	3.47	3.44	3.29
Memphis.....	149.46	145.96	131.95	42.1	41.0	40.6	3.55	3.56	3.25
Nashville.....	125.58	126.04	125.83	39.0	38.9	40.2	3.22	3.24	3.13
TEXAS	145.67	142.33	135.79	41.5	40.9	40.9	3.51	3.48	3.32
Amarillo.....	120.69	118.29	122.67	39.7	39.3	39.7	3.04	3.01	3.09
Austin.....	124.36	126.42	115.51	42.3	42.0	41.4	2.94	3.01	2.79
Beaumont--Port Arthur--Orange.....	192.51	190.95	178.67	40.7	40.2	40.7	4.73	4.75	4.39
Corpus Christi.....	178.76	175.46	156.97	43.6	42.9	41.2	4.10	4.09	3.81
Dallas.....	134.89	130.40	127.08	41.0	40.0	40.6	3.29	3.26	3.13
El Paso.....	96.62	95.65	88.48	39.6	39.2	39.5	2.44	2.44	2.24
Fort Worth.....	155.08	152.81	139.06	41.8	41.3	40.9	3.71	3.70	3.40
Galveston--Texas City.....	227.42	216.24	202.86	43.4	42.4	42.0	5.24	5.10	4.83
Houston.....	179.28	174.70	162.99	43.2	42.3	41.9	4.15	4.13	3.89
Lubbock.....	122.48	122.76	118.53	43.9	44.0	43.1	2.79	2.79	2.75
San Antonio.....	117.18	115.35	106.81	42.0	42.1	41.4	2.79	2.74	2.58
Waco.....	123.62	122.82	114.17	40.4	40.4	39.1	3.06	3.04	2.92
Wichita Falls.....	106.04	105.69	99.50	38.7	39.0	39.8	2.74	2.71	2.50

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-17: 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		
	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971	June 1972 ^P	May 1972	June 1971
UTAH	\$148.92	\$148.93	\$140.79	39.5	39.4	39.0	\$3.77	\$3.78	\$3.61
Salt Lake City	138.87	138.10	131.32	38.9	38.9	39.2	3.57	3.55	3.35
VERMONT	137.19	135.79	127.93	41.7	41.4	41.0	3.29	3.28	3.12
Burlington	156.66	154.46	150.94	42.0	41.4	42.4	3.73	3.73	3.56
Springfield	154.14	149.04	136.28	42.0	41.4	40.2	3.67	3.60	3.39
VIRGINIA	126.27	124.64	116.35	40.6	40.6	40.4	3.11	3.07	2.88
Lynchburg	129.86	123.93	115.02	42.3	40.9	40.5	3.07	3.03	2.84
Norfolk-Virginia Beach-Portsmouth	138.42	137.10	133.45	42.2	41.8	42.5	3.28	3.28	3.14
Northern Virginia ⁶	169.71	161.20	151.20	41.8	40.4	40.0	4.06	3.99	3.78
Richmond	143.21	139.65	132.93	40.8	39.9	40.9	3.51	3.50	3.25
Roanoke	119.72	116.52	107.32	41.0	40.6	39.6	2.92	2.87	2.71
WASHINGTON	183.92	180.14	168.70	40.6	40.3	39.6	4.53	4.47	4.26
Seattle-Everett	186.19	184.00	174.36	40.3	40.0	39.9	4.62	4.60	4.37
Spokane	178.40	172.77	161.02	40.0	39.0	38.8	4.46	4.43	4.15
Tacoma	180.64	178.42	168.20	39.7	39.3	39.3	4.55	4.54	4.28
WEST VIRGINIA	154.40	152.78	143.60	40.3	40.1	40.0	3.83	3.81	3.59
Charleston	187.41	183.90	174.72	42.4	41.7	41.9	4.42	4.41	4.17
Huntington-Ashland	165.39	163.10	154.03	39.1	39.3	39.8	4.23	4.15	3.87
Wheeling	161.48	157.10	152.40	41.3	40.7	41.3	3.91	3.86	3.69
WISCONSIN	170.64	169.14	157.58	41.4	41.0	40.6	4.12	4.12	3.88
Appleton-Oshkosh	172.26	167.39	157.22	43.2	42.2	41.7	3.98	3.97	3.77
Green Bay	175.34	171.22	160.51	43.4	42.3	42.1	4.04	4.05	3.82
Kenosha	213.59	212.60	178.44	43.4	43.4	40.3	4.92	4.90	4.43
La Crosse	138.30	133.02	135.56	40.0	39.7	41.9	3.45	3.35	3.24
Madison	186.35	182.63	186.45	41.0	40.2	42.1	4.55	4.55	4.43
Milwaukee	182.81	181.02	169.56	41.0	40.7	40.4	4.46	4.45	4.20
Racine	178.06	175.81	157.45	41.3	40.8	39.5	4.31	4.31	3.98
WYOMING	157.03	156.29	145.75	41.0	40.7	40.6	3.83	3.84	3.59
Casper	200.26	190.42	170.14	44.8	42.6	40.9	4.47	4.47	4.16
Cheyenne	170.96	164.79	149.77	40.9	39.9	38.7	4.18	4.13	3.87

¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

² Area included in the New York-Northeastern New Jersey Standard Consolidated Area.

³ Subarea of Rochester Standard Metropolitan Statistical Area.

⁴ Subarea of New York Standard Metropolitan Statistical Area.

⁵ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

⁶ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church 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-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		June 1972 ^P	May 1972	June 1972 ^H	May 1972	June 1972 ^P	May 1972	June 1972 ^P	May 1972	June 1972 ^P	May 1972
	MANUFACTURING	5.3	4.8	4.1	3.6	4.4	3.8	2.2	2.2	1.3	.8
19,24,25,32-39	DURABLE GOODS	4.7	4.5	3.7	3.4	4.2	3.4	1.9	1.8	1.4	.7
20-23,26-31	NONDURABLE GOODS	6.0	5.2	4.7	3.9	4.6	4.5	2.7	2.6	1.1	1.0
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	-	3.2	-	2.0	-	2.0	-	.7	-	.7
192	Ammunition, except for small arms	-	3.2	-	2.0	-	1.7	-	.7	-	.5
24	LUMBER AND WOOD PRODUCTS	8.3	7.5	7.0	6.4	5.2	5.6	3.8	4.0	.5	.6
242	Sawmills and planing mills	-	6.5	-	5.8	-	5.3	-	4.0	-	.4
2421	Sawmills and planing mills, general	-	6.1	-	5.5	-	4.9	-	3.7	-	.4
243	Millwork, plywood & related products	-	7.3	-	6.3	-	5.3	-	3.7	-	.5
2431	Millwork	-	6.8	-	6.0	-	5.1	-	3.6	-	.4
2432	Veneer and plywood	-	6.0	-	5.4	-	5.3	-	3.7	-	.6
244	Wooden containers	-	11.6	-	10.6	-	8.4	-	6.9	-	.5
2441,2	Wooden boxes, shooks, and crates	-	11.7	-	11.1	-	8.4	-	6.9	-	.6
249	Miscellaneous wood products	-	7.0	-	6.1	-	6.6	-	4.5	-	.7
25	FURNITURE AND FIXTURES	6.3	7.0	5.7	6.2	5.6	5.9	3.5	4.0	1.0	.5
251	Household furniture	-	7.2	-	6.5	-	6.3	-	4.5	-	.3
2511	Wood household furniture	-	7.6	-	6.8	-	6.4	-	4.7	-	.3
2512	Upholstered household furniture	-	6.3	-	5.9	-	5.4	-	4.1	-	.2
2515	Mattresses and bedsprings	-	6.5	-	5.6	-	5.8	-	3.5	-	.5
252	Office furniture	-	6.3	-	5.6	-	4.2	-	2.6	-	.5
32	STONE, CLAY, AND GLASS PRODUCTS	6.2	5.7	5.2	4.3	4.2	3.6	2.3	2.2	.8	.6
321	Flat glass	-	3.8	-	1.1	-	3.2	-	.3	-	2.1
322	Glass and glassware, pressed or blown	-	4.7	-	3.2	-	2.8	-	1.4	-	.4
3221	Glass containers	-	4.9	-	3.6	-	2.9	-	1.6	-	.4
3229	Pressed and blown glass, n e c	-	4.5	-	2.7	-	2.5	-	1.1	-	.3
324	Cement, hydraulic	-	2.5	-	2.0	-	1.0	-	.4	-	.1
325	Structural clay products	-	6.9	-	5.8	-	4.8	-	3.6	-	.2
3251	Brick and structural clay tile	-	7.6	-	6.8	-	6.2	-	5.0	-	.3
326	Pottery and related products	-	5.9	-	5.3	-	4.3	-	3.0	-	.3
3291	Abrasive products	-	3.5	-	2.7	-	1.8	-	.9	-	.2
33	PRIMARY METAL INDUSTRIES	3.6	3.8	2.6	2.3	2.7	2.5	1.2	1.0	.6	.6
331	Blast furnace and basic steel products	-	3.5	-	1.6	-	2.0	-	.5	-	.6
3312	Blast furnaces and steel mills	-	3.4	-	1.5	-	2.0	-	.4	-	.6
332	Iron and steel foundries	-	4.8	-	3.7	-	3.5	-	2.0	-	.4
3321	Gray iron foundries	-	4.6	-	3.8	-	3.4	-	2.1	-	.3
3322	Malleable iron foundries	-	6.4	-	5.3	-	4.8	-	2.9	-	.4
3323	Steel foundries	-	4.6	-	2.8	-	3.1	-	1.4	-	.6
333,4	Nonferrous metals	-	3.4	-	1.9	-	2.6	-	1.2	-	.5
335	Nonferrous rolling and drawing	-	3.1	-	2.2	-	2.4	-	.9	-	.6
3351	Copper rolling and drawing	-	3.0	-	2.4	-	1.8	-	.8	-	.2
3352	Aluminum rolling and drawing	-	3.9	-	2.3	-	2.1	-	.9	-	.3
3357	Nonferrous wire drawing, and insulating	-	2.5	-	2.0	-	2.9	-	.9	-	1.0
336	Nonferrous foundries	-	5.3	-	4.4	-	3.5	-	2.3	-	.3
3361	Aluminum castings	-	5.5	-	4.6	-	3.8	-	2.4	-	.5
3362,9	Other nonferrous castings	-	5.0	-	4.2	-	3.2	-	2.1	-	.2
339	Miscellaneous primary metal products	-	3.5	-	2.8	-	2.6	-	1.3	-	.5
3391	Iron and steel forgings	-	3.2	-	2.3	-	1.9	-	.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	
		June 1972	May 1972	June 1972	May 1972	June 1972	May 1972	June 1972	May 1972	June 1972	May 1972
<i>Durable Goods--Continued</i>											
	FABRICATED METAL PRODUCTS	-	5.2	-	4.0	-	3.9	-	2.1	-	.9
341	Metal cans	-	6.9	-	1.6	-	5.0	-	.9	-	2.7
342	Cutlery, hand tools, and hardware	-	4.5	-	3.9	-	3.2	-	2.0	-	.3
3421,3,5	Cutlery and hand tools, incl. saws	-	4.6	-	4.2	-	3.2	-	2.0	-	.2
3429	Hardware, n e c	-	4.4	-	3.6	-	3.2	-	2.0	-	.4
343	Plumbing and heating, except electric	-	4.4	-	3.9	-	4.0	-	2.2	-	.7
3431,2	Sanitary ware & plumbers' brass goods	-	4.9	-	4.6	-	4.1	-	2.5	-	.1
3433	Heating equipment, except electric	-	3.8	-	3.3	-	3.9	-	1.8	-	1.2
344	Fabricated structural metal products	-	6.0	-	4.9	-	4.3	-	2.4	-	.9
3441	Fabricated structural steel	-	5.3	-	4.3	-	4.3	-	2.2	-	1.3
3443	Fabricated plate work (boiler shops)	-	3.7	-	2.9	-	3.1	-	1.5	-	.9
3446,9	Architectural and misc. metal work	-	6.4	-	4.9	-	4.2	-	2.5	-	.9
345	Screw machine products, bolts, etc.	-	4.4	-	3.9	-	3.0	-	1.9	-	.3
3452	Bolts, nuts, rivets, and washers	-	3.4	-	2.9	-	2.3	-	1.3	-	.4
346	Metal stampings	-	4.1	-	2.9	-	3.4	-	1.5	-	1.0
348	Misc. fabricated wire products	-	6.4	-	5.7	-	4.3	-	2.9	-	.3
349	Misc. fabricated metal products	-	4.0	-	3.2	-	3.0	-	1.6	-	.6
3494,8	Valves, pipe, and pipe fittings	-	3.5	-	2.9	-	2.7	-	1.5	-	.5
35	MACHINERY, EXCEPT ELECTRICAL	3.9	3.4	3.1	2.5	3.2	2.6	1.5	1.2	.9	.6
351	Engines and turbines	-	2.6	-	1.0	-	3.0	-	.6	-	1.1
3511	Steam engines and turbines	-	1.7	-	.9	-	2.7	-	.5	-	.9
3519	Internal combustion engines, n e c	-	3.1	-	1.1	-	3.2	-	.7	-	1.3
352	Farm machinery	-	3.6	-	2.7	-	3.3	-	1.6	-	.6
353	Construction and related machinery	-	3.4	-	2.6	-	2.2	-	1.2	-	.3
3531,2	Construction and mining machinery	-	2.6	-	1.8	-	1.7	-	.8	-	.4
3533	Oil field machinery	-	4.9	-	4.1	-	3.0	-	2.2	-	.1
3535,6	Conveyors, hoists, cranes, monorails	-	3.7	-	3.0	-	2.4	-	1.1	-	.6
354	Metal working machinery	-	3.1	-	2.2	-	2.9	-	1.1	-	1.1
3541	Machine tools, metal cutting types	-	3.1	-	1.7	-	1.8	-	.8	-	.5
3545	Machine tool accessories	-	2.4	-	1.7	-	2.1	-	1.0	-	.5
3542,8	Misc. metal working machinery	-	3.4	-	2.5	-	2.3	-	1.1	-	.6
355	Special industry machinery	-	3.3	-	2.6	-	2.3	-	1.3	-	.4
3551	Food products machinery	-	3.2	-	2.5	-	2.2	-	1.2	-	.4
3552	Textile machinery	-	4.6	-	3.3	-	3.2	-	2.0	-	.4
356	General industrial machinery	-	3.6	-	2.3	-	2.3	-	1.1	-	.5
3561	Pumps and compressors	-	3.4	-	2.3	-	2.4	-	1.1	-	.5
3562	Ball and roller bearings	-	3.5	-	1.7	-	2.2	-	.8	-	.7
3566	Power transmission equipment	-	3.8	-	2.8	-	2.0	-	1.2	-	.1
357	Office and computing machines	-	2.0	-	1.4	-	2.0	-	.8	-	.4
3573	Electronic computing equipment	-	1.7	-	1.2	-	1.7	-	.7	-	.3
358	Service industry machines	-	4.5	-	3.3	-	3.1	-	1.9	-	.2
3585	Refrigeration machinery	-	4.3	-	2.9	-	3.1	-	1.9	-	.2
36	ELECTRICAL EQUIPMENT AND SUPPLIES	-	3.9	-	2.8	-	2.9	-	1.5	-	.4
361	Electric rest & distributing equipment	-	3.5	-	2.3	-	2.2	-	1.2	-	.2
3611	Electric measuring instruments	-	4.4	-	3.1	-	2.3	-	1.4	-	.2
3612	Transformers	-	3.7	-	2.5	-	2.6	-	1.5	-	.2
3613	Switchgear and switchboard apparatus	-	2.5	-	1.6	-	1.8	-	.9	-	.2
362	Electrical industrial apparatus	-	3.8	-	2.9	-	2.2	-	1.3	-	.2
3621	Motors and generators	-	3.9	-	3.0	-	2.4	-	1.4	-	.2
3622	Industrial controls	-	3.9	-	2.9	-	2.0	-	1.2	-	.1
363	Household appliances	-	4.9	-	3.4	-	3.4	-	1.6	-	.5
3632	Household refrigerators and freezers	-	5.1	-	2.8	-	2.9	-	1.0	-	.8
3633	Household laundry equipment	-	3.0	-	2.2	-	2.5	-	.8	-	.5
3634	Electric housewares and fans	-	6.0	-	4.6	-	4.3	-	2.6	-	.5
364	Electric lighting and wiring equipment	-	4.5	-	3.6	-	3.6	-	2.0	-	.4
3641	Electric lamps	-	3.0	-	1.9	-	2.6	-	1.0	-	.3
3642	Lighting fixtures	-	4.7	-	3.8	-	4.1	-	2.0	-	.8
3643,4	Wiring devices	-	4.8	-	4.2	-	3.7	-	2.3	-	.3
365	Radio and TV receiving equipment	-	6.7	-	4.7	-	4.8	-	2.4	-	.8
366	Communication equipment	-	2.0	-	1.2	-	1.8	-	.8	-	.5
3661	Telephone and telegraph apparatus	-	1.2	-	.8	-	1.4	-	.7	-	.3
3662	Radio and TV communication equipment	-	2.4	-	1.4	-	2.0	-	.8	-	.6
367	Electronic components and accessories	-	4.6	-	3.6	-	3.5	-	2.1	-	.5
3671-3	Electron tubes	-	4.0	-	2.8	-	3.1	-	1.7	-	.2
3674,9	Other electronic components	-	4.7	-	3.7	-	3.6	-	2.2	-	.5
369	Misc. electrical equipment & supplies	-	3.7	-	2.8	-	2.6	-	1.4	-	.4
3694	Engine electrical equipment	-	3.2	-	2.3	-	2.2	-	1.2	-	.2

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	
		June 1972 ^P	May 1972	June 1972 ^P	May 1972	June 1972 ^P	May 1972	June 1972 ^P	May 1972	June 1972 ^P	May 1972
	<i>Durable Goods--Continued</i>										
37	TRANSPORTATION EQUIPMENT	-	4.2	-	2.8	-	3.3	-	1.4	-	1.0
371	Motor vehicles and equipment	-	3.6	-	2.4	-	2.4	-	1.0	-	.5
3711	Motor vehicles	-	3.8	-	2.5	-	1.9	-	.9	-	.2
3712	Passenger car bodies	-	1.0	-	.4	-	1.8	-	.6	-	.5
3713	Truck and bus bodies	-	5.2	-	4.4	-	3.7	-	2.0	-	.9
3714	Motor vehicle parts and accessories	-	3.5	-	2.1	-	2.5	-	.8	-	.8
372	Aircraft and parts	-	1.9	-	.9	-	2.0	-	.7	-	.9
3721	Aircraft	-	1.8	-	.9	-	2.0	-	.6	-	1.0
3722	Aircraft engines and engine parts	-	1.6	-	.5	-	1.5	-	.4	-	.5
3723,9	Other aircraft parts and equipment	-	2.7	-	1.6	-	2.7	-	1.2	-	1.1
373	Ship and boat building and repairing	-	9.3	-	5.7	-	8.1	-	3.0	-	3.4
3731	Ship building and repairing	-	8.9	-	4.5	-	7.5	-	2.1	-	3.7
374	Railroad equipment	-	4.7	-	1.4	-	3.2	-	.8	-	1.3
375,9	Other transportation equipment	-	9.7	-	9.1	-	7.8	-	5.2	-	.9
38	INSTRUMENTS AND RELATED PRODUCTS	4.2	3.5	3.7	2.8	2.8	2.4	1.6	1.4	.5	.3
381	Engineering & scientific instruments	-	2.2	-	1.3	-	1.6	-	.7	-	.4
382	Mechanical measuring & control devices	-	3.6	-	2.7	-	2.8	-	1.2	-	.6
3821	Mechanical measuring devices	-	3.0	-	2.4	-	2.2	-	1.0	-	.5
3822	Automatic temperature controls	-	4.5	-	3.2	-	3.7	-	1.5	-	.8
383,5	Optical and ophthalmic goods	-	5.3	-	4.4	-	3.5	-	2.3	-	.5
384	Medical instruments and supplies	-	4.5	-	3.9	-	3.1	-	2.0	-	.3
386	Photographic equipment and supplies	-	1.9	-	1.8	-	1.1	-	.6	-	.1
387	Watches, clocks, and watchcases	-	5.8	-	3.9	-	3.6	-	2.1	-	.2
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.3	6.3	5.0	5.0	4.9	4.9	2.8	2.9	1.2	1.0
391	Jewelry, silverware, and plated ware	-	3.3	-	3.0	-	3.3	-	2.3	-	.6
394	Toys and sporting goods	-	9.8	-	7.2	-	6.6	-	4.1	-	.9
3941-3	Games, toys, dolls, & play vehicles	-	12.5	-	8.9	-	6.7	-	4.5	-	.7
3949	Sporting and athletic goods, n e c	-	6.8	-	5.5	-	6.4	-	3.8	-	1.1
395	Pens, pencils, office and art supplies	-	4.0	-	3.7	-	2.9	-	1.9	-	.3
396	Costume jewelry and notions	-	5.8	-	4.7	-	4.7	-	2.8	-	1.2
393,9	Other manufacturing industries	-	5.4	-	4.4	-	4.6	-	2.5	-	1.3
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	9.4	6.6	6.8	4.5	5.7	5.4	3.0	2.7	1.8	2.0
201	Meat products	-	8.9	-	5.5	-	6.7	-	3.8	-	2.1
2011	Meat packing plants	-	6.7	-	2.3	-	5.8	-	1.5	-	3.6
2015	Poultry dressing plants	-	16.0	-	13.0	-	10.6	-	9.1	-	.2
204	Grain mill products	-	4.6	-	3.1	-	3.5	-	1.7	-	1.1
2041	Flour and other grain mill products	-	3.9	-	2.5	-	3.2	-	1.5	-	.8
2042	Prepared feeds for animals and fowls	-	5.6	-	4.0	-	4.2	-	2.4	-	1.1
205	Bakery products	-	4.9	-	3.9	-	4.1	-	2.2	-	1.2
2051	Bread, cake, and related products	-	4.9	-	4.1	-	4.1	-	2.3	-	1.1
2052	Cookies and crackers	-	4.6	-	2.7	-	4.0	-	1.6	-	1.7
207	Confectionery and related products	-	6.8	-	3.5	-	6.7	-	2.6	-	3.4
2071	Confectionery products	-	8.0	-	3.8	-	8.0	-	2.9	-	4.2
208	Beverages	-	6.9	-	5.0	-	4.7	-	2.5	-	1.4
2082	Malt liquors	-	5.5	-	2.5	-	4.1	-	.4	-	3.2
21	TOBACCO MANUFACTURES	3.8	2.8	2.3	1.9	2.1	2.6	1.2	1.3	.3	.5
211	Cigarettes	-	1.9	-	1.0	-	1.2	-	.4	-	.1
212	Cigars	-	3.6	-	3.0	-	4.3	-	3.3	-	.4

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	
		June 1972 P	May 1972	June 1972 P	May 1972	June 1972 P	May 1972	June 1972 P	May 1972	June 1972 P	May 1972
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS	6.4	6.9	5.4	5.7	5.6	6.0	4.1	4.4	.5	.5
221	Weaving mills, cotton.....	-	6.5	-	5.3	-	6.2	-	4.6	-	.1
222	Weaving mills, synthetics.....	-	7.5	-	6.0	-	6.6	-	5.1	-	.3
223	Weaving and finishing mills, wool.....	-	7.3	-	5.8	-	5.5	-	3.6	-	.6
224	Narrow fabric mills.....	-	5.9	-	5.0	-	5.8	-	3.8	-	1.2
225	Knitting mills.....	-	6.3	-	5.2	-	5.3	-	3.8	-	.7
2251	Women's hosiery, except socks.....	-	4.1	-	3.2	-	4.2	-	3.1	-	.4
2252	Hosiery, n e c.....	-	7.1	-	6.3	-	5.3	-	4.4	-	.4
2254	Knit underwear mills.....	-	5.6	-	4.1	-	4.4	-	3.6	-	.2
226	Textile finishing, except wool.....	-	6.4	-	5.2	-	5.0	-	3.3	-	.4
227	Floor covering mills.....	-	6.3	-	5.7	-	5.8	-	4.3	-	.4
228	Yarn and thread mills.....	-	9.4	-	8.1	-	8.7	-	6.7	-	.6
229	Miscellaneous textile goods.....	-	5.4	-	4.2	-	4.1	-	2.7	-	.4
23	APPAREL AND OTHER TEXTILE PRODUCTS	6.4	6.5	4.8	4.6	6.0	6.0	3.4	3.6	1.6	1.6
231	Men's and boys' suits and coats.....	-	3.4	-	1.9	-	3.1	-	1.5	-	1.1
232	Men's and boys' furnishings.....	-	7.1	-	5.8	-	6.2	-	4.8	-	.6
2321	Men's and boys' shirts and nightwear.....	-	7.0	-	5.5	-	5.7	-	4.3	-	.6
2327	Men's and boys' separate trousers.....	-	5.9	-	5.1	-	5.9	-	5.0	-	.3
2328	Men's and boys' work clothing.....	-	7.8	-	6.8	-	6.9	-	5.8	-	.4
234	Women's and children's undergarments.....	-	6.6	-	5.2	-	5.6	-	4.0	-	.8
2341	Women's and children's underwear.....	-	7.2	-	5.8	-	6.2	-	4.5	-	.8
2342	Corsets and allied garments.....	-	5.1	-	3.6	-	4.3	-	2.8	-	.8
26	PAPER AND ALLIED PRODUCTS	4.5	3.8	3.7	3.0	2.9	2.7	1.6	1.5	.5	.4
261,2,6	Paper and pulp mills.....	-	2.6	-	1.9	-	1.4	-	.6	-	.3
263	Paperboard mills.....	-	2.5	-	2.1	-	2.1	-	1.1	-	.4
264	Misc. converted paper products.....	-	4.2	-	3.4	-	3.0	-	1.7	-	.5
2643	Bags, except textile bags.....	-	5.0	-	4.0	-	4.0	-	2.3	-	.7
265	Paperboard containers and boxes.....	-	4.9	-	4.0	-	3.9	-	2.3	-	.6
2651,2	Folding and setup paperboard boxes.....	-	5.3	-	4.2	-	4.3	-	2.5	-	.8
2653	Corrugated and solid fiber boxes.....	-	4.1	-	3.6	-	3.3	-	2.0	-	.4
	PRINTING AND PUBLISHING	3.9	3.2	3.3	2.5	3.5	3.0	2.0	1.7	.9	.
28	CHEMICALS AND ALLIED PRODUCTS	3.1	2.5	2.5	1.9	2.4	2.2	1.0	1.0	.7	.4
281	Industrial chemicals.....	-	1.7	-	1.2	-	1.6	-	.5	-	.2
282	Plastics materials and synthetics.....	-	2.3	-	1.8	-	1.6	-	.8	-	.2
2821	Plastics materials and resins.....	-	2.4	-	2.0	-	1.6	-	.8	-	.2
2823,4	Synthetic fibers.....	-	2.3	-	1.7	-	1.7	-	.9	-	.3
283	Drugs.....	-	2.1	-	1.6	-	1.6	-	.8	-	.2
2834	Pharmaceutical preparations.....	-	2.2	-	1.7	-	1.7	-	.8	-	.2
284	Soap, cleaners, and toilet goods.....	-	3.0	-	2.1	-	2.5	-	1.1	-	.5
2841	Soap and other detergents.....	-	3.1	-	1.2	-	1.8	-	.5	-	.8
2844	Toilet preparations.....	-	3.3	-	2.7	-	3.1	-	1.2	-	.3
285	Paints and allied products.....	-	3.3	-	2.9	-	2.1	-	1.1	-	.2
286,9	Other chemical products.....	-	3.3	-	2.4	-	3.1	-	1.3	-	.7
29	PETROLEUM AND COAL PRODUCTS	3.2	2.7	2.7	2.3	1.8	1.8	.7	.6	.6	.6
291	Petroleum refining.....	-	2.0	-	1.7	-	1.5	-	.4	-	.6
295,9	Other petroleum and coal products.....	-	5.1	-	4.4	-	3.0	-	1.7	-	.3
30	RUBBER AND PLASTICS PRODUCTS, N E C.	6.2	5.6	5.4	4.5	4.7	4.4	3.0	2.7	.7	.7
301	Tires and inner tubes.....	-	2.7	-	1.6	-	1.4	-	.7	-	.2
302,3,6	Other rubber products.....	-	5.0	-	4.0	-	3.8	-	2.4	-	.4
307	Miscellaneous plastics products.....	-	7.2	-	5.9	-	6.1	-	3.7	-	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	
		June 1972 ^p	May 1972	June 1972 ^p	May 1972	June 1972 ^p	May 1972	June 1972 ^p	May 1972	June 1972 ^p	May 1972
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	7.0	7.9	5.6	6.2	5.9	6.4	3.9	4.2	1.1	1.0
311	Leather tanning and finishing	-	5.4	-	4.6	-	4.4	-	2.9	-	.6
314	Footwear, except rubber.	-	8.0	-	6.2	-	6.5	-	4.4	-	.9
	NONMANUFACTURING										
10	METAL MINING.	5.2	4.0	4.4	2.5	2.9	3.4	2.0	1.6	.1	.7
101	Iron ores	-	4.4	-	.5	-	1.7	-	.4	-	.1
102	Copper ores	-	3.2	-	2.3	-	2.6	-	1.3	-	.2
11,12	COAL MINING.	1.8	2.1	1.5	1.5	1.6	1.7	.6	.8	.6	.6
12	Bituminous coal and lignite mining	-	2.0	-	1.6	-	1.7	-	.8	-	.5
	COMMUNICATION:										
481	Telephone communication	-	1.6	-	-	-	1.2	-	.8	-	(¹)
482	Telegraph communication ²	-	2.5	-	-	-	2.7	-	1.6	-	.4

¹ Less than 0.05² Data relate to all employees except messengers

p=preliminary

ESTABLISHMENT DATA **114**
SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1960 to date
seasonally adjusted
(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1960	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965	4.0	4.1	4.4	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966	4.9	5.0	5.4	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.5
1967	4.6	4.3	4.3	4.2	4.6	4.4	4.3	4.4	4.3	4.5	4.6	4.4
1968	4.5	4.6	4.4	4.7	4.6	4.4	4.6	4.6	4.6	4.8	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	4.9	4.7	4.5	4.8	4.6	4.4	4.5
1970	4.3	4.4	4.2	4.0	4.1	4.0	4.1	4.1	3.8	3.6	3.7	3.8
1971	3.8	3.7	3.9	4.0	3.8	3.7	3.7	4.2	3.9	3.6	4.1	3.9
1972	4.4	4.5	4.5	4.4	4.7	4.0 _p						
New hires												
1960	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.3	2.3	2.1
1963	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966	3.7	3.9	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967	3.5	3.4	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.4
1968	3.4	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.8	3.7	3.9	3.8	3.7	3.8	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.1	3.0	2.9	2.7	2.7	2.8	2.9	2.6	2.4	2.4	2.3
1971	2.3	2.4	2.5	2.5	2.5	2.4	2.5	2.8	2.5	2.4	2.7	2.7
1972	2.9	3.0	3.1	3.1	3.5	2.9 _p						
Total separations												
1960	3.5	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.5	5.0
1961	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965	3.8	3.7	3.8	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966	4.1	4.3	4.6	4.7	4.6	4.8	4.9	4.7	4.9	4.5	4.7	4.6
1967	4.6	4.8	5.1	4.7	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968	4.6	4.6	4.6	4.4	4.6	4.5	4.6	4.9	4.6	4.6	4.6	4.3
1969	4.7	4.7	4.9	4.9	4.9	5.0	4.9	5.1	4.9	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.2	4.9	4.8	4.9	4.6	4.4	4.9	4.8	4.7
1971	4.4	4.1	4.1	4.3	4.0	4.1	4.4	4.5	3.9	4.0	4.1	4.4
1972	4.2	4.1	4.2	4.0	4.1	4.8 _p						
Quits												
1960	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.4	2.4	2.3	2.3	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.3	2.5	2.4	2.5	2.7	2.5	2.6	2.6	2.5
1969	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.8	2.6	2.7	2.6	2.5
1970	2.5	2.4	2.3	2.2	2.2	2.2	2.1	2.1	2.0	1.9	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.9	1.8	1.9	1.7	1.7	1.9	1.9
1972	2.0	2.1	2.2	2.1	2.3	2.3 _p						
Layoffs												
1960	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.4	2.0	2.1	2.0	1.9
1963	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.2	1.1	1.1	1.2	1.3
1967	1.3	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.3	1.3	1.2	1.1	1.2	1.1	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	1.2	1.2	1.3	1.2	1.4
1970	1.5	1.6	1.7	2.0	1.8	1.9	1.6	1.8	1.9	2.1	2.0	1.8
1971	1.7	1.5	1.5	1.6	1.5	1.5	1.5	1.9	1.7	1.4	1.4	1.4
1972	1.3	1.2	1.2	1.2	1.0	1.6 _p						

p=preliminary.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	
ALABAMA:										
Birmingham	3.3	3.4	2.5	2.1	2.5	4.1	1.4	1.4	0.4	1.9
Mobile ¹	9.8	9.0	4.9	2.0	8.0	6.6	1.6	1.8	5.6	3.3
ALASKA	35.7	21.3	20.4	13.1	11.0	7.5	6.0	4.5	3.7	2.4
ARIZONA	5.9	5.6	5.0	4.7	5.1	4.8	3.3	2.9	.7	.9
Phoenix	5.9	5.6	4.9	4.5	5.0	4.8	3.3	2.8	.7	.7
ARKANSAS	9.3	7.2	8.0	6.0	7.0	6.2	5.4	4.8	.4	.3
Fort Smith	8.5	7.2	7.7	6.2	6.3	6.6	5.4	4.9	.3	.8
Little Rock-North Little Rock	8.6	7.8	7.8	7.3	7.0	7.2	5.3	5.4	.3	.4
Pine Bluff	4.0	3.2	3.3	2.6	4.3	3.7	3.2	3.0	.5	.1
COLORADO	6.0	5.2	5.0	4.2	4.1	4.2	2.4	2.3	.8	.9
Denver	5.8	4.9	5.0	4.2	4.2	4.1	2.6	2.5	.7	.6
CONNECTICUT	3.3	2.5	2.5	1.8	2.7	2.5	1.3	1.2	.6	.7
Hartford	2.2	1.8	1.3	1.3	2.8	2.1	.9	.9	.9	.6
DELAWARE¹	3.2	2.7	1.9	1.6	2.4	2.2	1.1	1.0	.4	.5
Wilmington ¹	3.1	2.5	1.9	1.5	2.4	2.1	1.1	.9	.5	.5
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	3.5	(*)	3.3	(*)	3.5	(*)	2.7	(*)	.1
FLORIDA	7.3	6.7	6.4	6.0	8.2	7.1	4.6	4.5	2.5	1.6
Fort Lauderdale-Hollywood	9.9	8.4	9.4	8.1	7.0	7.2	5.8	6.0	.2	.3
Jacksonville	5.5	6.2	5.3	5.2	5.2	6.2	3.4	3.6	.6	1.1
Miami	5.4	5.7	5.1	5.5	6.5	4.7	3.4	3.4	1.8	.3
Orlando	7.8	8.3	6.8	7.0	8.0	9.8	5.1	4.8	.9	3.1
Pensacola	1.5	1.8	1.5	1.7	2.4	2.1	1.3	1.3	.1	.3
Tampa-St. Petersburg	8.4	8.6	6.8	7.3	7.6	9.4	5.6	6.2	1.1	2.1
West Palm Beach	4.0	5.1	3.4	4.0	3.7	4.6	2.7	3.4	.6	.4
GEORGIA²	5.4	5.5	4.6	4.6	5.7	5.5	4.2	4.2	.5	.4
Atlanta	4.6	4.4	4.0	3.9	4.7	5.0	3.0	3.3	.8	.7
HAWAII³	2.6	2.4	2.2	2.1	2.1	2.4	1.1	1.4	.2	.3
IDAHO⁴	12.7	8.9	8.4	7.4	5.5	5.3	3.8	3.7	.4	.3
ILLINOIS:										
Chicago	4.3	3.3	3.4	2.6	3.6	3.1	1.9	1.6	.6	.6
INDIANA¹	4.4	3.6	3.1	2.3	3.1	2.9	1.6	1.4	.6	.8
Indianapolis	5.9	2.5	4.7	1.3	3.5	2.0	2.5	.9	.2	.4
IOWA	4.5	3.5	3.3	2.2	3.2	2.7	1.5	1.4	1.0	.8
Cedar Rapids	4.2	3.4	1.3	.8	2.9	3.1	.9	.8	1.6	1.9
Des Moines	3.7	3.4	2.8	2.6	3.5	3.3	2.0	1.9	.3	.5
KANSAS	5.0	4.1	3.9	3.3	3.8	3.6	2.2	2.0	.9	.8
Topeka	3.1	2.3	1.6	1.8	4.1	3.4	1.1	1.1	2.4	1.8
Wichita	4.0	4.3	2.8	3.2	2.7	2.8	1.6	1.8	.5	.2
KENTUCKY	4.1	3.5	2.9	2.4	2.9	3.2	1.5	1.6	.4	.9
Louisville	3.7	2.8	2.6	1.7	2.4	2.5	1.2	1.1	.2	.5
LOUISIANA:										
New Orleans	5.8	3.9	4.4	2.9	3.7	3.1	2.0	1.7	.5	.4
MAINE	8.3	6.7	6.2	4.8	5.9	6.3	3.7	3.3	1.1	1.9
Portland	4.6	4.9	4.0	4.0	4.1	3.9	3.0	2.7	.6	.6
MARYLAND	3.9	3.3	2.9	2.3	3.8	3.5	1.8	1.7	1.2	1.1
Baltimore	3.5	3.1	2.6	2.2	3.5	3.1	1.7	1.5	1.0	.8
MASSACHUSETTS	4.4	3.2	3.2	2.4	3.3	3.5	2.0	1.7	.6	.9
Boston	4.0	3.1	2.9	2.2	2.9	3.2	1.7	1.5	.5	.8
MICHIGAN	3.4	2.9	2.2	1.7	2.7	2.5	1.0	.9	.8	.8
Detroit	3.6	3.2	2.4	2.0	2.9	2.7	1.1	1.0	.8	.8

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	May 1972 ^P	Apr. 1972	
MINNESOTA	4.8	3.5	2.9	2.2	3.4	3.4	1.7	1.5	1.1	1.3
Minneapolis-St. Paul	4.3	3.2	2.7	2.0	3.1	2.8	1.5	1.2	1.0	1.0
MISSISSIPPI:										
Jackson	6.1	4.4	4.9	4.0	5.2	4.4	3.8	3.0	.3	.3
MISSOURI	5.2	3.5	4.1	2.5	3.8	3.3	2.3	1.8	.7	.8
Kansas City	5.0	3.7	3.8	2.8	3.3	3.5	2.1	2.0	.4	.8
St. Louis	2.8	2.3	2.0	1.5	2.3	2.3	1.0	.9	.6	.7
MONTANA	4.4	3.1	3.7	2.5	3.9	3.0	2.6	2.2	.5	.4
NEBRASKA	6.2	4.4	4.2	3.5	4.0	3.9	2.7	2.6	.6	.5
NEVADA	7.5	6.7	6.3	5.3	5.8	5.5	4.0	3.0	.7	1.4
NEW HAMPSHIRE	(*)	4.6	(*)	3.9	(*)	4.7	(*)	3.2	(*)	.7
NEW JERSEY:										
Camden ⁶	3.9	2.7	3.0	2.2	4.2	3.8	1.8	1.3	1.4	1.7
Jersey City	3.1	2.9	2.0	1.9	4.3	3.3	1.0	1.1	2.5	1.4
Newark	3.6	3.2	2.8	2.4	3.5	3.0	1.4	1.4	1.1	.8
Paterson-Clifton-Passaic	4.7	3.8	3.1	2.4	3.6	4.4	1.7	1.6	.9	1.9
Perth Amboy	3.8	2.8	2.8	2.1	3.1	3.2	1.3	1.2	.9	1.2
Trenton	3.6	2.9	2.8	2.1	3.3	3.5	1.7	1.5	.8	1.2
NEW YORK	4.1	3.6	2.7	2.2	3.8	3.7	1.4	1.3	1.6	1.6
Albany-Schenectady-Troy	2.8	2.8	1.8	1.4	2.3	2.7	.9	1.1	.6	.7
Binghamton	2.4	1.9	1.6	1.0	2.3	2.3	.9	1.0	.8	.8
Buffalo	2.9	3.2	1.6	1.3	2.2	2.1	.7	.6	.8	.9
Elmira	3.7	2.8	2.5	1.6	3.1	3.5	1.2	1.1	1.2	1.7
Monroe County ⁷	2.5	1.9	2.1	1.6	1.5	1.9	.9	.9	.2	.5
Nassau and Suffolk Counties ⁸	5.3	4.3	4.1	3.5	4.5	5.1	2.2	2.3	1.3	1.9
New York SMSA	4.8	4.1	3.1	2.7	4.9	4.8	1.6	1.6	2.4	2.4
New York City ⁸	4.8	4.3	3.0	2.7	5.2	5.0	1.5	1.5	2.8	2.7
Rochester	3.0	2.4	2.5	1.9	1.9	2.3	1.0	1.0	.4	.7
Syracuse	2.9	2.6	2.2	1.8	2.1	2.3	1.1	1.1	.3	.5
Utica-Rome	3.2	2.5	1.9	1.4	2.9	3.3	1.1	1.2	1.3	1.5
Westchester County ⁸	3.1	2.5	2.1	1.6	2.9	2.6	1.2	1.0	.8	.8
NORTH CAROLINA	6.7	5.1	5.7	4.4	6.1	5.6	4.7	4.2	.3	.4
Charlotte	5.9	5.0	5.5	4.5	5.4	5.7	4.3	4.6	.1	.3
Greensboro-Winston-Salem-High Point	5.8	4.2	5.1	3.9	5.0	5.4	3.8	3.4	.3	1.1
NORTH DAKOTA	8.7	7.0	6.2	5.2	5.5	3.9	2.6	2.1	1.0	1.3
Fargo-Moorhead	6.5	5.9	4.3	4.5	2.4	6.5	1.5	1.5	.3	4.7
OHIO	3.4	2.8	2.0	1.6	2.5	2.4	1.1	1.0	.6	.6
Akron	2.2	1.8	1.1	.7	1.7	1.4	.7	.6	.6	.4
Canton	4.7	3.6	1.6	1.2	2.4	2.9	.9	.8	.6	1.3
Cincinnati	3.6	2.9	2.3	1.8	2.6	2.5	1.2	1.2	.7	.6
Cleveland	3.4	2.5	2.2	1.7	2.3	2.3	1.1	1.0	.4	.6
Columbus	3.4	2.7	2.0	1.9	2.6	2.5	1.7	1.6	.3	.2
Dayton	2.6	2.3	1.6	1.0	2.1	2.1	.9	.9	.3	.5
Toledo	3.6	2.9	2.3	1.7	2.6	2.5	.9	.8	.5	.6
Youngstown-Warren	3.0	2.8	1.1	.8	3.2	2.4	.5	.4	1.4	1.0
OKLAHOMA	6.7	5.8	5.7	4.6	5.3	5.2	3.8	3.4	.6	.9
Oklahoma City	7.7	6.2	6.7	5.1	6.6	6.2	4.8	4.2	.9	1.0
Tulsa ⁹	5.4	5.7	4.2	3.9	3.7	5.8	2.6	2.8	.3	2.2
OREGON ¹	6.5	4.7	5.1	3.6	4.2	3.8	2.6	2.2	.8	.8
Portland ¹	5.8	4.4	4.2	3.2	3.6	3.4	2.1	1.8	.8	.9
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.1	2.7	2.2	1.8	2.8	2.7	1.3	1.3	.9	.7
Altoona	4.7	3.3	4.2	1.8	3.4	4.4	2.3	1.8	.6	2.1
Erie	4.3	4.3	2.5	2.1	2.8	3.5	1.1	1.7	.6	.8
Harrisburg	3.8	2.6	2.8	1.8	4.1	4.3	1.8	1.5	1.6	2.2
Johnstown	1.7	4.9	.9	2.0	2.2	2.0	.8	.8	.9	.7
Lancaster	5.2	3.6	4.5	2.7	3.2	3.0	2.4	2.2	.1	.2

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
May 1972 P	Apr. 1972	May 1972 P	Apr. 1972	May 1972 P	Apr. 1972	May 1972 P	Apr. 1972	May 1972 P	Apr. 1972	
PENNSYLVANIA—Continued										
Philadelphia SMSA	3.6	2.7	2.6	2.0	3.4	3.2	1.4	1.3	1.1	1.2
Pittsburgh	2.9	2.7	1.1	.7	1.6	2.1	.5	.5	.4	1.0
Reading	4.6	3.1	3.5	2.4	5.2	4.1	2.0	1.8	2.6	1.6
Scranton	4.1	4.4	2.7	1.9	4.0	3.3	1.9	1.4	1.1	1.2
Wilkes-Barre—Hazleton	4.5	3.6	3.5	2.3	3.4	2.9	1.9	1.5	.8	.6
York	4.5	3.4	3.7	2.9	3.7	4.2	2.4	2.8	.6	.8
RHODE ISLAND										
Providence—Warwick—Pawtucket	6.3	5.5	4.9	4.4	4.9	5.2	3.0	3.0	1.0	1.4
Providence—Warwick—Pawtucket	6.3	5.3	4.9	4.6	4.9	5.3	3.2	3.2	.8	1.2
SOUTH CAROLINA:										
Greenville	8.2	6.4	7.0	5.7	6.9	6.4	5.7	5.1	.1	.1
SOUTH DAKOTA:										
Sioux Falls	6.6	4.8	6.1	3.2	4.7	3.9	2.7	2.6	1.6	.9
Sioux Falls	7.1	5.8	2.6	2.1	6.0	4.1	1.7	1.7	4.1	2.1
TENNESSEE:										
Memphis	5.4	5.0	4.7	4.1	4.1	4.4	2.4	2.5	.6	.8
TEXAS:										
Dallas	5.2	4.5	4.6	4.1	4.6	4.2	3.4	3.1	.4	.3
Fort Worth	5.9	5.3	5.4	4.7	5.2	5.2	3.7	3.8	.6	.6
Houston	5.1	3.8	4.5	3.4	3.6	3.6	2.4	2.3	.2	.4
San Antonio	5.9	5.0	5.7	4.7	5.6	4.4	3.4	2.9	.6	.3
UTAH ⁴										
Salt Lake City ⁴	4.3	4.6	3.6	3.2	2.9	3.8	1.8	1.9	.5	1.3
Salt Lake City ⁴	4.4	4.0	4.1	2.9	3.3	3.5	2.5	2.0	.4	1.0
VERMONT										
Burlington	4.6	3.7	3.4	2.8	3.5	3.4	1.9	1.7	.8	.9
Burlington	2.0	1.7	1.3	.9	2.0	2.0	.7	.6	.8	.8
Springfield	4.8	2.7	2.4	1.5	2.2	2.3	1.3	1.0	.3	.7
VIRGINIA										
Richmond	4.7	4.2	3.9	3.3	4.0	4.5	2.8	2.7	.4	1.0
Richmond	2.9	2.7	2.5	2.3	2.8	3.3	1.6	1.7	.4	.8
WASHINGTON:										
Seattle—Everett ¹⁰	4.2	3.8	2.4	2.3	3.1	3.7	1.3	1.2	1.2	1.9
WEST VIRGINIA:										
Charleston	1.2	.9	.7	.4	1.2	.6	.4	.3	.4	.1
WISCONSIN										
Milwaukee	4.3	3.0	2.9	1.8	2.7	2.6	1.2	1.1	.7	.8
Milwaukee	4.1	2.8	2.8	1.9	2.8	2.5	1.3	1.2	.5	.5
WYOMING										
.....	7.7	4.1	6.1	2.9	4.4	4.8	3.3	2.3	.5	2.0

¹ Excludes canning and preserving.

² Excludes agricultural chemicals and miscellaneous manufacturing.

³ Excludes canned fruits, vegetables, preserves, jams and jellies.

⁴ Excludes canning and preserving, and sugar.

⁵ Excludes canning and preserving, and newspapers.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

⁷ Subarea of Rochester Standard Metropolitan Statistical Area.

⁸ Subarea of New York Standard Metropolitan Statistical Area.

⁹ Excludes new-hire rate for transportation equipment.

¹⁰ Excludes canning and preserving, printing and publishing.

* Not available.

p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
JOB VACANCY**

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E-1: Number and rate of job vacancies in manufacturing, April 1969 to date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Number of job vacancies (In thousands)													
1969	-	-	-	293	289	241	258	313	289	243	210	186	264
1970	187	170	166	158	151	123	126	137	118	93	75	76	132
1971	81	80	83	93	94	90	90	106	98	90	79	78	88
1972	90	97	111	124	127	122p							
Job vacancy rates ¹													
1969	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970	0.9	0.9	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971 .....	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.4	.4	.5
1972 .....	.5	.5	.6	.7	.7	.6p							
Number of long-term job vacancies ² (In thousands)													
1969	-	-	-	137	131	110	110	121	127	111	102	90	120
1970	77	70	67	60	56	45	44	43	38	33	30	29	49
1971	28	27	27	28	27	26	26	28	28	28	25	26	27
1972	25	27	30	33	34	32p							
Long-term job vacancy rates ²													
1969	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.6
1970	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3
1971 .....	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1
1972 .....	.1	.1	.2	.2	.2	.2p							

¹ Computed by dividing the number of vacancies by the sum of employment plus vacancies and multiplying that quotient by 100.

² Long-term job vacancies are those vacancies that have remained unfilled for 30 days or more. The long-term job vacancy rate is computed by dividing the number of long-term vacancies by the sum of employment plus all job vacancies and multiplying that quotient by 100.

p-preliminary.

E-2: Job vacancy rates in manufacturing, by industry

Industry division and group	1972						1971						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Job vacancy rates ¹													
Manufacturing	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.5	0.5
Durable goods .....	.6	.6	.6	.5	.5	.5	.4	.4	.4	.5	.5	.4	.4
Nondurable goods .....	.7	.7	.7	.6	.6	.5	.5	.5	.5	.6	.6	.6	.6
Selected durable goods industries:													
Primary metal industries .....	.2	.3	.3	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2
Machinery, except electrical .....	.7	.7	.7	.6	.5	.5	.4	.4	.4	.5	.4	.4	.4
Electrical equipment and supplies .....	.7	.8	.8	.7	.7	.6	.5	.5	.6	.5	.6	.5	.5
Transportation equipment .....	.7	.6	.7	.5	.5	.4	.3	.4	.4	.5	.6	.5	.4
Instruments and related products	1.3	1.1	1.1	.9	.7	.7	.6	.6	.7	.8	.8	.8	.9
Selected nondurable goods industries:													
Textile mill products	1.0	1.2	1.2	1.1	.9	.8	.8	.8	.9	.9	1.0	.8	.9
Apparel and other textile products	1.3	1.4	1.3	1.4	2	1.2	1.1	1.0	1.2	1.2	1.4	1.3	1.3
Printing and publishing .....	.3	.4	.4	.4		.3	.3	.3	.4	.3	.4	.3	.3
Chemicals and allied products .....	.5	.5	.6	.5	.4	.4	.3	.3	.4	.4	.4	.4	.4

See footnotes at end of table.

E-2: Job vacancy rates in manufacturing, by industry--Continued

Industry division and group	1972						1971						
	June p	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
	Long-term job vacancy rates ²												
Manufacturing	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Durable goods . . . . .	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Nondurable goods . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Selected durable goods industries:													
Primary metal industries	(*)	.1	.1	.1	.1	(*)	(*)	(*)	(*)	(*)	(*)	.1	.1
Machinery, except electrical . . . . .	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Electrical equipment and supplies . . . . .	.1	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1
Transportation equipment . . . . .	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Instruments and related products . . . . .	.2	.3	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.2
Selected nondurable goods industries:													
Textile mill products . . . . .	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Apparel and other textile products . . . . .	.6	.6	.6	.6	.6	.5	.5	.5	.6	.6	.6	.6	.6
Printing and publishing . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products . . . . .	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
	Long-term job vacancies as a percent of job vacancies ³												
Manufacturing	26	26	26	27	28	28	33	32	31	28	27	29	28
Durable goods	22	24	23	24	24	23	30	28	28	25	24	24	23
Nondurable goods	31	29	30	31	33	33	37	35	34	32	30	33	34
Selected durable goods industries:													
Primary metal industries	21	24	22	28	28	24	29	28	29	26	29	24	30
Machinery, except electrical	22	28	25	26	24	23	29	30	31	27	26	28	30
Electrical equipment and supplies	20	20	21	23	23	21	30	26	24	22	18	20	15
Transportation equipment	24	23	24	24	26	26	29	23	33	25	26	26	23
Instruments and related products	16	29	22	19	22	19	25	15	17	21	17	18	21
Selected nondurable goods industries:													
Textile mill products	28	25	23	20	23	21	28	24	22	20	20	19	20
Apparel and other textile products	42	41	43	45	46	46	50	52	51	49	45	48	49
Printing and publishing	21	20	20	21	23	24	22	24	23	22	21	19	26
Chemicals and allied products	36	35	34	29	30	27	29	27	30	26	31	29	36

¹ See footnote 1, table E-1.² See footnote 2, table E-1.³ Percentages are computed using unrounded rates.

p=preliminary.

* Less than 0.05.

E-3: Percent distribution of job vacancies in manufacturing, by industry

Industry division and group	1972						1971						
	June p	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Manufacturing	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
Durable goods	54.5	54.1	55.7	53.0	54.4	53.8	51.4	49.9	50.3	52.3	50.6	50.6	48.8
Primary metal industries	2.3	2.7	2.9	2.6	2.6	2.3	2.2	2.3	2.3	2.4	2.0	2.3	3.0
Machinery, except electrical	10.2	9.4	9.8	9.1	9.7	10.2	9.7	8.1	8.3	8.5	7.0	7.6	7.2
Electrical equipment and supplies	10.5	11.1	12.2	11.6	12.6	11.9	12.7	10.9	11.1	10.1	10.1	9.6	9.6
Transportation equipment	9.4	8.5	9.4	8.5	9.0	8.5	7.1	9.3	8.7	8.7	9.7	9.3	8.3
Instruments and related products	4.7	3.8	4.0	3.8	3.3	3.5	3.1	3.3	3.3	3.4	3.4	3.8	4.4
Other durable goods industries	17.4	18.7	17.4	17.3	17.2	17.6	16.7	16.1	16.5	19.3	18.5	18.0	16.4
Nondurable goods	45.5	45.9	44.3	47.0	45.6	46.2	48.6	50.1	49.7	47.7	49.4	49.4	51.2
Textile mill products	8.7	9.3	9.8	10.1	9.6	8.9	10.0	10.4	10.2	9.2	9.5	8.6	9.3
Apparel and other textile products	15.1	15.5	14.9	17.2	17.8	17.9	18.8	18.2	18.0	17.5	18.3	19.2	19.7
Printing and publishing	3.1	3.5	3.6	3.5	3.2	4.2	4.6	4.3	4.4	3.8	4.1	4.0	3.9
Chemicals and allied products	4.3	3.8	4.5	4.7	4.1	4.1	4.0	4.2	4.4	3.9	3.7	4.6	4.7
Other nondurable goods industries	14.2	13.7	11.5	11.4	11.0	11.2	11.2	13.0	12.8	13.3	13.9	12.8	13.5

p=preliminary.

ESTABLISHMENT DATA
NATIONAL AND AREA JOB VACANCY

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E-4: Job vacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total ¹		Long-term ²			Total ¹		Long-term ²	
	May 1972 ^P	April 1972	May 1972 ^P	April 1972		May 1972 ^P	April 1972	May 1972 ^P	April 1972
Manufacturing					Nonmanufacturing⁴				
United States ³	0.7	0.7	0.2	0.2	Mining:				
Albany-Schenectady-					New Orleans, La	*	*	*	*
Troy, N.Y. ....	.3	.3	.1	.1	Phoenix, Ariz.	(5)	(5)	(5)	(5)
Atlanta, Ga .....	.6	.5	.1	.1	Portland, Ore.	(5)	(5)	(5)	(5)
Baltimore, Md .....	.6	.6	.2	.2	Construction:				
Boston, Mass .....	.6	.7	.3	.3	Oklahoma City, Okla. ....	.7	.7	.3	.4
Buffalo, N.Y. ....	.4	.3	.1	.1	Portland, Ore. ....	.1	.2	*	*
Cedar Rapids, Iowa .....	.5	.5	.1	.1	Transportation and Public				
Dallas, Tex. ....	.7	1.1	.2	.4	Utilities:				
Denver, Colo .....	.8	.5	.1	.1	Boston, Mass .....	.9	.3	.1	.1
Des Moines, Iowa .....	.6	.4	.1	*	Minneapolis-St. Paul, Minn.	1.8	.6	.5	*
Detroit, Mich .....	.3	.4	.1	*	Oklahoma City, Okla. ⁵ .....	.4	.4	.2	.2
Fort Worth, Tex. ....	.6	.5	.2	.2	St. Louis, Mo. ⁶ .....	.1	.1	.1	*
Greensboro-Winston-Salem-					Wholesale and Retail				
Highpoint, N.C.	1.5	1.5	.3	.3	Trade:				
Greenville, S.C.	1.2	1.4	.2	.2	Boston, Mass .....	.2	.3	.1	.1
Houston, Tex. ....	.9	1.2	.5	.5	Hartford, Conn .....	.6	.5	.1	.1
Jersey City, N.J. ....	.2	.2	*	*	Minneapolis-St. Paul, Minn. ....	.7	.6	.1	.1
Kansas City, Mo .....	.5	.3	.1	.1	Phoenix, Ariz. ....	.4	.4	.1	.1
Little Rock-North Little Rock, Ark .....	.4	.5	.1	*	Portland, Ore. ....	.6	.7	.1	*
Memphis, Tenn .....	.4	.5	.1	.1	Finance, Insurance and				
Miami, Fla	1.5	1.1	.4	.4	Real Estate:				
Milwaukee, Wisc. ....	.8	.6	.2	.2	Boston, Mass	1.3	1.7	.3	.3
Minneapolis-St. Paul, Minn. ....	.8	.6	.1	.1	Hartford, Conn	3.4	3.5	2.8	1.7
Newark, N.J. ....	.5	.7	.2	.2	Minneapolis-St. Paul, Minn. ....	.9	.9	.2	.2
New Orleans, La. ....	.3	.3	.1	.1	Phoenix, Ariz. ....	.9	.9	.1	.2
New York, N.Y. ....	.6	.6	.2	.2	Portland, Ore. ....	.6	1.0	.1	.2
Oklahoma City, Okla.	1.0	.7	.1	.1	St. Louis, Mo.	1.0	.8	.3	.2
Paterson-Clifton-					Salt Lake City, Utah .....	.6	1.2	*	.1
Passaic, N.J. ....	.5	.5	.1	.1	Service:				
Perth Amboy, N.J. ....	.8	.8	.2	.3	Boston, Mass .....	.9	1.1	.5	.4
Philadelphia, Pa .....	.6	.6	.2	.2	Phoenix, Ariz.	1.0	.8	.2	.2
Phoenix, Ariz.	1.3	1.3	.1	.1	Portland, Ore. ....	.7	.7	.3	.2
Portland-South					St. Louis, Mo.	1.0	1.0	.3	.1
Portland, Maine .....	.4	.6	*	*	Government:				
Portland, Ore. ....	.4	.5	*	*	Atlanta, Ga	1.6	1.4	.8	.8
Providence-Pawtucket-					Boston, Mass .....	.7	.7	.4	.4
Warwick, R.I. ....	.9	1.2	.2	.2	Minneapolis-St. Paul, Minn.	1.2	1.1	.5	.5
Richmond, Va .....	.7	.7	.2	.3	Phoenix, Ariz.	1.4	1.0	.2	.3
St. Louis, Mo .....	.4	.3	.1	.1	Portland, Ore. ⁷ .....	.8	.8	.2	.2
Salt Lake City, Utah .....	.4	.6	*	*	St. Louis, Mo .....	.3	.4	.1	.2
San Antonio, Tex. ....	.6	.6	.2	.2	All Nonagricultural Industries				
Sioux Falls, S.D. ....	.4	1.0	*	*	Boston, Mass .....	.7	.7	.3	.3
Syracuse, N.Y. ....	.4	.4	.1	.1	Phoenix, Ariz. ....	.9	.8	.1	.1
Tampa-St. Petersburg					Portland, Ore. ....	.5	.6	.1	.1
Fla	1.9	2.0	.7	.5	Salt Lake City, Utah .....	.9	.9	.1	.1
Wichita, Kans.	1.3	1.4	.2	.2					

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Based on a nationwide sample which includes metropolitan areas not shown in the table as well as nonmetropolitan areas.

⁴ Additional industry data, by area, will be published when available.

⁵ Combined with services.

⁶ Excludes railroads.

⁷ Excludes education.

* Less than 0.05.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

F-1: Insured unemployment under State programs

State	(Week including the 12th of the month)					Rate (percent of average covered employment)		
	Number (in thousands)					July 1972	June 1972	July 1971
	July 1972	June 1972	July 1971	Change from ¹				
			June 1972	July 1971				
TOTAL ^{2,3}	1,841.8	1,618.7	1,978.6	223.1	-136.8	3.5	3.1	3.7
SEASONALLY ADJUSTED	1,994.5	*1,927.6	2,115.4	66.9	-120.9	3.7	3.6	4.0
Alabama	21.4	18.8	22.8	2.6	-1.4	3.0	2.6	3.2
Alaska	3.3	4.6	3.4	-1.3	-	5.6	8.0	5.8
Arizona	8.6	8.0	11.0	.6	-2.3	2.1	2.0	2.8
Arkansas	10.8	10.0	12.6	.8	-1.8	2.6	2.5	3.2
California	226.6	222.3	273.0	4.3	-46.4	4.4	4.3	5.2
Colorado	5.7	6.0	6.3	-.2	-.6	1.1	1.1	1.2
Connecticut	59.1	46.9	76.9	12.2	-17.8	5.5	4.5	7.6
Delaware	3.4	3.0	4.8	.4	-1.3	1.9	1.7	2.8
District of Columbia	7.7	7.6	7.1	.1	.6	2.2	2.2	2.0
Florida	35.0	27.4	43.1	7.6	-8.1	2.2	1.7	2.8
Georgia	20.7	17.1	20.3	3.6	.3	1.8	1.5	1.8
Hawaii	10.5	10.0	9.2	.5	1.3	3.9	3.7	3.5
Idaho	6.4	5.2	6.4	1.1	-	4.0	3.3	4.1
Illinois	78.4	75.7	83.4	2.7	-4.9	2.5	2.4	2.6
Indiana	28.1	23.4	29.3	4.6	-1.3	2.0	1.7	2.1
Iowa	9.9	9.6	12.7	.3	-2.7	1.7	1.7	2.2
Kansas	8.9	8.2	14.3	.7	-5.5	2.1	1.9	3.3
Kentucky	15.6	14.5	22.4	1.1	-6.8	2.4	2.3	3.6
Louisiana	23.8	22.7	27.1	1.1	-3.3	3.2	3.1	3.7
Maine	12.7	8.2	15.2	4.5	-2.5	5.8	3.7	6.8
Maryland	29.5	26.5	28.5	3.0	.9	3.1	2.8	3.0
Massachusetts	90.1	78.8	96.5	11.3	-6.6	5.3	4.7	5.5
Michigan	123.4	86.8	109.3	36.6	14.1	5.2	3.7	4.6
Minnesota	30.1	23.5	22.9	6.6	7.2	3.1	2.4	2.3
Mississippi	6.2	6.3	8.6	-.1	-2.4	1.5	1.6	2.2
Missouri	33.6	32.4	39.2	1.3	-5.6	2.9	2.8	3.3
Montana	4.1	3.8	3.6	.3	.5	3.2	3.0	2.8
Nebraska	4.2	4.2	5.2	-.1	-1.0	1.3	1.4	1.7
Nevada	7.0	7.1	6.6	-.2	.4	4.2	4.3	4.1
New Hampshire	7.5	3.7	9.5	3.9	-2.0	3.9	1.9	4.9
New Jersey	103.4	96.9	108.7	6.5	-5.3	5.1	4.7	5.3
New Mexico	6.8	6.5	7.2	.3	-.4	3.5	3.4	3.9
New York	250.6	229.6	247.0	21.0	3.6	4.3	4.0	4.4
North Carolina	23.9	20.8	30.4	3.0	-6.6	1.7	1.5	2.3
North Dakota	1.9	1.8	1.7	-	.1	2.1	2.1	2.0
Ohio	56.4	49.5	82.2	6.8	-25.8	2.0	1.7	2.8
Oklahoma	14.1	14.2	16.7	-.2	-2.6	2.8	2.8	3.4
Oregon	19.7	20.2	24.4	-.5	-4.7	3.5	3.7	4.5
Pennsylvania	167.2	120.3	127.7	46.8	39.5	5.1	3.6	3.8
Puerto Rico ²	55.5	45.0	48.5	10.5	6.9	11.1	10.7	11.0
Rhode Island	18.6	12.8	17.8	5.8	.8	6.7	4.6	6.4
South Carolina	12.4	11.7	17.6	.7	-5.1	2.0	1.9	2.8
South Dakota	1.7	1.4	1.5	.3	.2	1.6	1.4	1.6
Tennessee	24.5	20.2	28.0	4.3	-3.6	2.5	2.1	2.9
Texas	36.7	34.4	42.1	2.3	-5.4	1.4	1.3	1.6
Utah	7.2	7.1	6.9	.1	.3	3.0	3.0	3.0
Vermont	4.8	5.0	4.6	-.1	.2	4.8	5.0	4.5
Virginia	9.7	9.4	13.0	.3	-3.3	.9	.9	1.3
Washington	52.1	51.1	75.4	1.0	-23.3	6.4	6.4	9.7
West Virginia	12.8	10.8	12.3	2.0	.5	3.5	2.9	3.4
Wisconsin	29.1	26.9	32.9	2.2	-3.7	2.5	2.4	2.9
Wyoming	.7	.8	.8	-	-.1	1.0	1.0	1.1

¹ Based on unrounded data; changes of less than 50 not shown.

² 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.

³ Figures do not include claimants receiving benefits under extended benefit provisions.

* Revised in accordance to new factors.

F-2: Insured unemployment¹ in 150 major labor areas²

(In thousands, for week including the 12th of the month)

State and area	July 1972	July 1971	State and area	July 1972	July 1971	State and area	July 1972	July 1971	State and area	July 1972	July 1971
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--continued		
Birmingham.....	5.2	5.0	Evansville.....	1.6	1.1	Manchester.....	2.1	2.7	York.....	3.6	3.2
Mobile.....	2.7	2.8	Ft. Wayne.....	.9	1.2						
			Gary-Hammond..	3.5	2.9	NEW JERSEY			PUERTO RICO		
ARIZONA			Indianapolis...	5.3	5.9	Atlantic City...	2.3	2.4	Mayaguez.....	2.8	3.0
Phoenix.....	5.6	6.8	South Bend.....	2.1	3.1	Jersey City....	13.7	15.4	Ponce.....	3.3	2.9
			Terre Haute....	1.2	1.0	Newark.....	28.2	29.0	San Juan.....	9.2	7.8
			IOWA			New Brunswick..	11.1	12.5			
ARKANSAS			Cedar Rapids...	.8	1.1	Paterson.....	23.2	24.5			
Little Rock.....	1.3	1.5	Des Moines.....	1.4	1.4	Trenton.....	2.8	3.4			
			KANSAS						RHODE ISLAND		
CALIFORNIA			Wichita.....	2.5	6.0	NEW MEXICO			Providence.....	16.9	20.1
Anaheim-S. Ana-						Albuquerque....	2.8	2.9			
Garden Grove..	13.6	18.5	KENTUCKY						SOUTH CAROLINA		
Fresno.....	4.4	5.0	Louisville.....	4.3	10.1	NEW YORK			Charleston.....	1.5	2.1
Los Angeles....	88.8	123.0				Albany.....	5.9	6.5	Greenville.....	1.4	1.8
Sacramento....	10.2	10.0	LOUISIANA			Binghamton....	2.3	3.2			
San Bernardino..	12.2	14.4	Baton Rouge....	1.7	2.1	Buffalo.....	26.0	25.5			
San Diego.....	16.1	16.6	New Orleans....	7.4	8.4	New York.....	178.8	176.8			
San Francisco..	44.5	47.8	Shreveport.....	1.9	2.4	Rochester.....	8.7	9.4	TENNESSEE		
San Jose.....	14.0	13.4				Syracuse.....	5.5	5.6	Chattanooga....	1.5	1.9
Stockton.....	4.8	5.0	MAINE			Utica.....	5.0	5.6	Knoxville.....	2.1	2.8
			Portland.....	1.2	1.4	NORTH CAROLINA			Memphis.....	4.4	4.7
COLORADO						Asheville.....	.5	.8	Nashville.....	3.5	4.0
Denver.....	3.6	4.2	MARYLAND			Charlotte.....	1.2	1.9			
			Baltimore.....	21.2	20.1	Durham.....	.7	.6	TEXAS		
CONNECTICUT			MASSACHUSETTS			Greensboro-			Austin.....	1.0	.6
Bridgeport.....	9.0	12.1	Boston.....	40.6	41.1	Winston-Salem..	2.4	3.9	Beaumont.....	2.5	3.0
Hartford.....	11.0	15.1	Brockton.....	3.0	3.5	OHIO			Corpus Christi..	1.2	.9
New Britain.....	2.7	4.5	Fall River.....	3.1	3.5	Akron.....	3.6	5.0	Dallas.....	7.1	6.7
New Haven.....	7.6	8.8	Lawrence.....	6.0	7.4	Canton.....	2.0	3.5	El Paso.....	1.8	1.8
Stamford.....	2.8	2.5	Lowell.....	3.9	5.0	Cincinnati.....	6.1	15.3	Ft. Worth.....	4.0	6.2
Waterbury.....	6.2	8.0	New Bedford...	4.6	6.1	Cleveland.....	13.8	17.1	Houston.....	6.2	5.9
			Springfield...	9.3	10.5	Columbus.....	3.3	4.1	San Antonio....	2.6	3.1
DELAWARE			Worcester.....	5.0	5.3	Dayton.....	4.6	7.7			
Wilmington.....	3.8	4.9	MICHIGAN			Hamilton.....	2.3	3.4	UTAH		
			Battle Creek...	2.0	1.9	Lorain.....	1.6	2.9	Salt Lake City..	4.5	3.1
DIST. OF COL.			Detroit.....	58.7	58.3	Staubenville...	.8	.7			
Washington.....	13.4	12.1	Flint.....	16.7	4.4	Toledo.....	4.7	4.8	VIRGINIA		
			Grand Rapids...	6.0	6.8	Youngstown....	3.7	3.3	Hampton.....	.6	.8
FLORIDA			Kalamazoo....	2.6	2.4	OKLAHOMA			Norfolk.....	1.2	1.6
Jacksonville....	1.1	.9	Lansing.....	6.2	2.6	Oklahoma City..	3.0	3.8	Richmond.....	1.0	.8
Miami.....	11.4	12.6	Muskegon.....	2.0	2.5	Tulsa.....	2.6	2.9	Roanoke.....	.4	.4
Tampa.....	4.8	5.7	Saginaw.....	1.8	2.0	OREGON					
			MINNESOTA			Portland.....	10.7	14.5	WASHINGTON		
GEORGIA			Duluth.....	2.8	1.3				Seattle.....	25.2	42.6
Atlanta.....	8.3	6.6	Minneapolis...	16.4	13.9	PENNSYLVANIA			Spokane.....	3.7	4.5
Augusta.....	2.1	2.0	MISSISSIPPI			Allentown.....	5.9	6.6	Tacoma.....	6.1	7.2
Columbus.....	1.3	1.0	Jackson.....	.7	.9	Altoona.....	2.0	1.5			
Macon.....	1.0	.8	MISSOURI			Erie.....	2.3	2.4	WEST VIRGINIA		
Savannah.....	.8	.8	Kansas City...	8.3	9.7	Harrisburg....	4.9	2.6	Charleston.....	1.5	1.3
			St. Louis.....	18.6	24.3	Johnstown.....	4.0	3.0	Huntington....	2.6	3.2
HAWAII			NEBRASKA			Lancaster.....	1.9	2.3	Wheeling.....	1.3	1.3
Honolulu.....	9.5	8.5	Omaha.....	2.3	3.2	Philadelphia...	56.3	59.9			
						Pittsburgh....	26.5	23.1	WISCONSIN		
ILLINOIS						Reading.....	4.0	3.0	Kenosha.....	.9	1.3
Chicago.....	53.0	53.7				Scranton.....	6.0	5.2	Madison.....	2.5	1.5
Davenport.....	2.3	3.8				Wilkes-Barre...	30.0	9.1	Milwaukee....	10.9	12.2
Peoria.....	2.6	1.9						Racine.....	1.3	1.7	
Rockford.....	1.8	2.7									

¹ Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.
² For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

Technical Note

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, color, marital status, occupations, hours of work, and duration of unemployment. 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, job vacancies, 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 about 30 million nonagriculture 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 month while job vacancies pertain to those outstanding at the end of the month.

Data based on administrative records of unemployment insurance systems furnish a complete count of insured unemployment among the two-thirds 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-servicemen, and railroad workers. These statistics are published by the Manpower 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 interview 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 Manpower 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, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

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 worked 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, published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, 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. Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in about half the States. In general, these are establishments with less than four employees.

Additional information concerning the preparation of the labor force, employment, hours, earnings, job vacancy, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge.

Labor Force Data

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 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. 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 and persons under 16 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 designated for interview. About 1,700 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 about 7,500 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 one month to the next, and one-half to be common with the same month a year ago.

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) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but who 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.

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, color, 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 noninstitutional 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 non-institutional population, and the civilian labor force participation rate, which is the ratio of civilian labor force and civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color 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 latest 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. Information 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 governmental 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 Veterans 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 (because full-time work is not available), 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 man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-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.

White and Negro and other races are terms used to describe the color or race of workers. The Negro and other races category, which had formerly been identified as "Nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1960 Census of Population, approximately 92 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhites. Tables in this volume which contain these data utilize the word "color" to so indicate.

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-5 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

ESTIMATING METHODS

Under the estimation 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 Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these resi-

dence 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, color, 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 color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 Census between the color-residence distribution for the Nation and for the sample areas.

b. **Second-stage ratio estimate.** In this step, the sample proportions are weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1970) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

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.

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.

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)
BOTH SEXES		
Labor force	205	150
Total employment	210	155
Agriculture	95	60
Nonagricultural employment	210	155
Unemployment	90	95
MALE		
Labor force	115	95
Total employment	125	100
Agriculture	85	55
Nonagricultural employment	130	105
Unemployment	70	80
FEMALE		
Labor force	140	110
Total employment	140	110
Agriculture	35	25
Nonagricultural employment	140	110
Unemployment	60	70

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.

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 B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
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					

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

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 percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D.

Table D. Standard error of percentage

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
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

Establishment Data

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, job vacancies, 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 job vacancy-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 Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting 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 man-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, and three job vacancy items as of the end of the month: Current job vacancies, (i.e., vacancies available for immediate filling), current vacancies which have remained unfilled for 30 days or more, and openings with future starting dates.

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, job vacancy, 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 reported to work during the period.

Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and man-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 foreman and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman 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 foremen, journeymen, 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, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers,

janitors, watchmen, 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 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.

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include 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 amounts 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 has reduced average workweeks in these industries and has 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

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as *Employment and Wages* (Manpower Administration), *County Business Patterns* (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*.

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.

Spendable average weekly earnings

Spendable 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 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 man-hours and one-half of total overtime man-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 man-hours

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The man-hour aggregates are the product of average weekly hours and production-

worker or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-hour and payroll aggregates are the sum of the component aggregates.

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.

Job vacancies

Job vacancies are the stock of unfilled job openings as of the close of the last business day of the reference month. Openings for all kinds of positions, classifications and employment, full time, part time, permanent, temporary, and seasonal are included. Excluded are jobs to be filled by recall from layoff, transfer, promotion, demotion or return from paid or unpaid leave; jobs unoccupied because of labor-management disputes; job openings for which "new" workers were already hired and scheduled to start work later; and openings with future starting dates, which are requested as a separate item.

Job vacancies are defined as vacant jobs which are immediately available for filling, and for which the firm is actively trying to find or recruit workers from outside the firm.

"Actively trying to find or recruit" means that the establishment is engaged in current efforts to fill the job vacancies by means of orders listed with public or private employment agencies and school placement offices; notification to labor unions and professional organizations; "help wanted" advertising (newspaper, posted notice, etc.) recruitment programs; and interview and selection of applicants.

Long-term job vacancies are those current vacancies which have continued unfilled for 30 days or more.

The reporting establishment is also asked to indicate the number of openings with future starting dates for which the firm is actively trying to recruit workers from outside the firm.

Job openings with future starting dates may exist for such reasons as: Job unavailable until expected separation of present incumbent occurs; work will not start until some future date; new branch to be opened in the future; or anticipated increase in business.

The *job vacancy rate* is computed by dividing the number of current job vacancies by the sum of employment plus vacancies, and multiplying that quotient by 100.

Occupational classifications are made in accordance with those established in the *Dictionary of Occupational Titles*, Third Edition, U.S. Department of Labor, 1965.

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 later in table L, Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover. Further details are given in the technical notes—Chapter 2, Employment, hours and earnings, and Chapter 3, Job vacancies and

labor turnover, reprinted from the *Handbook of Methods*, BLS Bulletin 1711—which are available upon request.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or non-supervisory-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 1970 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, covering three-fourths of the total nonagricultural employment in the United States, are prepared under the direction of the Manpower Administration. 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 made in the last 3 benchmark years is shown in table E.

Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1968-1970

Industry division	1968	1969	1970
Total	100.4	99.8	100.0
Mining	101.7	101.5	100.0
Contract construction . .	99.5	99.0	100.1
Manufacturing	99.8	99.8	100.1
Transportation and public utilities	100.7	100.4	99.9
Wholesale and retail trade	100.3	100.0	100.1
Finance, insurance, and real estate	99.2	100.0	100.3
Services	99.2	99.1	99.6
Government	102.8	100.1	100.3

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.

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 job vacancy-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 specification 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 F 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 F. Approximate size and coverage of BLS employment and payrolls sample, March 1970¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Per cent of total
Total	157,600	30,464,000	43
Mining	2,200	301,000	49
Contract construction	16,000	778,000	25
Manufacturing	46,000	12,025,000	61
Transportation and public utilities:			
Railroad transportation (ICC)	99	579,000	94
Other transportation and public utilities	7,100	2,126,000	56
Wholesale and retail trade	40,000	2,828,000	19
Finance, insurance, and real estate	9,700	1,332,000	36
Services	23,300	2,423,000	21
Government:			
Federal (Civil Service Commission) ²	3,300	2,722,000	100
State and local	9,900	5,350,000	54

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

² State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS—State cooperative program.

Table G shows the approximate coverage, in terms of employment, of the labor turnover sample.

Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1970

Industry	Employees	
	Number reported	Percent of total
Total	11,315,500	57
Manufacturing ¹	10,441,100	53
Metal mining	58,200	63
Coal mining	58,100	42
Communication:		
Telephone	736,100	81
Telegraph	22,000	68

¹ Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 43 percent of universe employment.

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 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, generally minor, arises from improvements in the quality of the benchmark data. Table H presents the average percent revisions of the six most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

Table H. Average benchmark percent revision in employment estimates and relative errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2		
Total private	.2	0.1	0.2
Mining	.8	.5	.5
Construction	.7	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.3	.1	..
Transportation and public utilities	.3	.7	.4
Trade	.3	.1	.2
Wholesale	.9	.2	.3
Retail	.3	.2	.2
Finance, insurance, and real estate	.4	.2	.4
Services	.8	.4	.8
Government ³	-	-	-

¹ Relative errors relate to March 1970 data.

² The average percent revision in employment for the 6 most recent benchmarks (1965-70).

³ 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 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 estimated, 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 H and for individual industries with the specified number of employees in table I. 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). The measure is the standard deviation adjusted for the bias in estimates

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

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.

Table I. 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 ¹	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	8,100	.4	.8
1,000,000	12,500	.3	.5
2,000,000	16,700	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

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 I.

For the 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 J presents root-mean-square errors of the

Table J. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	700	700
100,000	900	800
200,000	1,900	1,800
500,000	3,200	3,200
1,000,000	5,700	5,500
2,000,000	11,300	11,000
10,000,000	39,300	38,500
Total nonagricultural employment	98,000	91,000

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.

Reliability of job vacancy estimates

As with the employment estimates, the estimates derived from the job vacancy survey 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.

Measures of reliability for the job vacancy estimates are given by the relative errors in table K. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by a smaller percentage than the relative error. The chances are about 19 out of 20 that the difference would be a smaller percentage than twice the relative error.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, job vacancy, 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 fig-

Table K. Relative errors of estimates of job vacancy data

Industry	Relative error ¹ (in percent)
Manufacturing	2
Durable goods industries	3
Nondurable goods industries	3
Selected durable goods industries:	
Primary metal industries	8
Machinery, except electrical	5
Electrical equipment & supplies	9
Transportation equipment	11
Instruments & related products	16
Selected nondurable goods industries:	
Textile mill products	4
Apparel and other textile products	4
Printing & publishing	14
Chemicals & allied products	8

¹ Expressed as a percent of the estimate.

ures 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.

Unemployment Insurance Data

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 who worked in firms whose size excluded them from the unemployment insurance laws, as well as many persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, 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 continues 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 Manpower Administration, Washington, D.C. 20210.

Seasonal Adjustments

SEASONAL ADJUSTMENTS

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 method used for these series is 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 booklet, *The BLS Seasonal Factor Method* (1966), which may be obtained from the Bureau on request.

For establishment data, the seasonally adjusted series on hours, hourly earnings, and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. 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. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable goods the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-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.

The revised seasonally adjusted series for the establishment data reflect experience through May 1971. Seasonal factors to be used for current adjustment are shown in the September 1971 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

For each of the three major labor force components—agricultural and nonagricultural employment and unemployment—data for four age-sex groups (male and female workers under age 20 and age 20 and over) are separately adjusted for seasonal variation and are then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1971 are published in the February 1972 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

The seasonal adjustment method used by BLS requires the use of at least 8 years of data, although there are special adjustment programs for as few as 3 years. Since collection of job vacancy information was begun in January 1969, the data necessary to seasonally adjust this series are not yet available. All job vacancy information published in *Employment and Earnings* is, therefore, on an unadjusted basis.

ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours, earnings, job vacancy, and labor turnover series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1970 benchmarks. Data from April 1970 forward are subject to revision at the time of the next benchmark.

Beginning with the September 1971 and subsequent issues of *Employment and Earnings*, the national data in Sections, B, C,

and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1971*. Comparable data are published in *Employment and Earnings, United States, 1909-71*, BLS Bulletin 1312-8.

Beginning with the February 1972 issue of *Employment and Earnings* the national job vacancy data prior to the final estimate for July 1971 have been revised to reflect current benchmark levels and supercede the data published earlier in tables E-1, E-2, and E-3.

Table L. Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly Data		
All employees .	All-employee 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 man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime man-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 man-hours.	Average, weighted by aggregate man-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.
Job vacancy rates	The total number of job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the total job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Long-term job vacancy rates	The number of long-term job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the long-term job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Annual Average Data		
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 man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-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 man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-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.
Job vacancy rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.