

EMPLOYMENT AND EARNINGS

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Editors' Note

The compendium, Employment and Earnings, States and Areas 1939-70, BLS Bulletin 1370-8 has just been released by the Bureau of Labor Statistics. This bulletin, the latest in our series of State and area data books, contains detailed industry data on employment, hours, and earnings for all States, the District of Columbia, and 216 metropolitan areas. It may be purchased for \$4.50 per copy from any of the BLS regional office and is also available on microfiche for \$.95 a set. (See page 78 for details on ordering.) Current State and area data, at broad industry levels, are published monthly in Employment and Earnings (tables B-7, and C-16).

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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:											
Household data	Jan.	Feb.	Mar.	Apr.	May	July	Aug.	Sept.	Oct.	Nov.	
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, February 1972

Unemployment declined slightly in February, and employment was essentially unchanged. The overall jobless rate was 5.7 percent in February, down from 5.9 percent in January and 6.0 percent in December.

Total employment was 80.6 million in February, seasonally adjusted, unchanged from January. Since last summer, however, the number of jobholders has risen substantially.

Nonfarm payroll employment likewise was little changed in February but also has posted sizeable gains since last summer. The average workweek in manufacturing rebounded in February from a drop in the previous month, reaching its highest level in over 2 years.

Unemployment

The number of unemployed persons totaled 5.4 million in February, the same level as in the previous month and in February a year ago. After adjustment for the usual seasonal rise, however, unemployment was down 160,000 over the month. The decline was most marked among adult women, whose rate moved down from 5.5 to 5.0 percent.

The unemployment rate for all adult men (20 years and over), at 4.0 percent in February, was slightly below its January level of 4.2 percent; the entire decline took place among those 20 to 24 years of age (whose rate dipped from 10.4 to 9.2 percent), as the rate for men 25 years and older held steady at 3.2 percent. The jobless rate for married men edged down for the third consecutive month, reaching 2.8 percent in February, its lowest level since the summer of 1970.

In contrast to the favorable developments among adult workers, the jobless rate for teenagers rose over the month and at 18.8 percent equaled the previous post-World War II highs.

Unemployment rates for full-time workers (5.3 percent) and part-time workers (8.4 percent) were little changed in February. The jobless rate for workers covered by State unemployment insurance programs, which had dropped substantially in January (from 4.1 to 3.4 percent), was also about unchanged over the month, at 3.5 percent.

The unemployment rate for white workers edged down in February (from 5.3 to 5.1 percent), while the rate for Negroes was about the same over the month (10.5 percent). This marked the first time since August 1969 that the Negro-white jobless rate ratio has been at or above 2.0 to 1 for two successive months. The widening of this ratio in recent months stems from a sharp rise in joblessness among Negro youth and a decline among white adults.

The jobless rates for workers in most major industry groups in February moved down slightly from January. The largest movement took place in durable goods manufacturing, where the rate declined from 6.7 to 6.1 percent. Among the occupation groups, the rate for white-collar workers declined from 3.6 to 3.3 percent. This was mainly a result of a reduction in joblessness among professional and technical workers, whose rate moved down from 3.1 to 2.5 percent, its lowest level in 8 months.

The number of workers jobless less than 5 weeks was 2.1 million, seasonally adjusted, 220,000 below the January level. By contrast, the number unemployed for 27 weeks or more rose over the month. Partly as a result of these movements, the average (mean) duration of joblessness increased to 12.5 weeks in February, seasonally adjusted. During the past 10 months, the average duration has fluctuated between 11.4 and 12.6 weeks.

Civilian labor force and total employment

The civilian labor force, at 85.5 million, seasonally adjusted, was little changed in February, as was total employment, at 80.6 million. Since February 1971, however, the civilian labor force has expanded by 1.7 million and employment by 1.8 million (after eliminating the effects of the population control adjustment introduced in January 1972). Over the year, employment of adult men has risen by about 900,000, employment of adult women by 700,000, and employment of teenagers by 200,000. Since last summer, the gains have been concentrated among adult women.

Vietnam Era veterans

The employment situation for Vietnam Era veterans 20 to 29 years old improved in February, as employment continued to rise while unemployment did not show the usual seasonal increase. About 4.1 million veterans were in the labor force in February; 3.7 million held jobs and 400,000 were unemployed. After seasonal adjustment, the unemployment rate for veterans, at 7.4 percent, was substantially below the January level of 8.5 percent and the lowest in more than a year. (See table 1.)

Young veterans 20 to 24 years old accounted for most of the over-the-month reduction in the veterans' unemployment rate. Their jobless rate in February was 9.7 percent, seasonally adjusted, down from 12.3 percent in January. The unemployment rate for young veterans 20 to 24 years old has generally been much higher than for nonveterans of the same age, but the improvement in February erased most of the difference. The rate for 25-29 year-old veterans, at 5.4 percent, was about the same as a month earlier.

For all nonveterans 20 to 29 years old, the seasonally adjusted unemployment rate of 7.0 percent was essentially the same as in January and most of 1971. Contrary to its previous pattern, the nonveteran rate was not significantly below that for veterans.

Industry payroll employment

Nonfarm payroll employment stood at 71.7 million in February seasonally adjusted, little changed from the upward-revised January level. Over the last 6 months, however, payroll employment has risen by almost 1.2 million. In February, employment continued to gain in the service-producing industries, but this was partly offset by a decline in contract construction.

In the service-producing industries, employment rose 150,000, seasonally adjusted, as large gains were posted in trade, services, and State and local government. Since August 1971, service-producing employment has increased by nearly 1 million jobs.

The number of workers on contract construction payrolls dipped 80,000, seasonally adjusted, in February to 3.2 million, following a nearly equal increase between December and January. Employment in this industry has fluctuated around the narrow 3.2 to 3.3 million range over the past year and a half.

In manufacturing, employment was essentially unchanged in February, at 18.6 million (seasonally adjusted). There were no significant changes in either the durable or nondurable goods sectors.

Table 1. Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old

(Number in thousands)

Employment status	Feb. 1972	Jan. 1972	Feb. 1971	Seasonally adjusted					
				Feb. 1972	Jan. 1972	Dec. 1971	Nov. 1971	Oct. 1971	Feb. 1971
Veterans¹									
Civilian noninstitutional population	4,436	4,380	3,807	(²)	(²)	(²)	(²)	(²)	(²)
Civilian labor force	4,086	3,974	3,472	4,100	3,990	3,985	3,957	3,910	3,476
Employed	3,690	3,574	3,091	3,798	3,649	3,650	3,621	3,598	3,184
Unemployed	396	400	381	302	341	335	336	312	292
Unemployment rate	9.7	10.1	11.1	7.4	8.5	8.4	8.5	8.0	8.4
Nonveterans									
Civilian noninstitutional population	9,707	9,662	9,209	(²)	(²)	(²)	(²)	(²)	(²)
Civilian labor force	8,215	8,248	7,821	8,368	8,425	8,483	8,346	8,284	7,959
Employed	7,502	7,516	7,139	7,783	7,793	7,834	7,668	7,680	7,400
Unemployed	713	732	682	585	632	649	678	604	559
Unemployment rate	8.7	8.9	8.7	7.0	7.5	7.7	8.1	7.3	7.0

¹ Vietnam Era veterans are those who served after August 4, 1964; they are all classified as war veterans. Over 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 Not applicable.

Hours of work

The average workweek for all rank-and-file workers on private nonagricultural payrolls edged up in February. After seasonal adjustment, the average workweek rose 0.2 hour to 37.2 hours. This brought average hours back to the December level, the highest point since July 1970.

The largest increase in the workweek occurred in manufacturing—0.4 hour, seasonally adjusted—as average hours rose to 40.4 hours, their highest level since December 1969. Within manufacturing, the workweek in durable goods rose 0.5 hour to 41.0 hours, seasonally adjusted, following a decline of nearly an equal amount between December and January. The average workweek for durable goods has risen 1.3 hours since September. In nondurable goods, the average workweek rose 0.3 hour in February.

Overtime hours in manufacturing went up 0.2 hour in February to 3.1 hours, seasonally adjusted. This increase brought factory overtime back to its December level, which had been the highest level since March 1970.

Hourly and weekly earnings

Average hourly earnings of production and non-supervisory workers on private nonagricultural payrolls in February were unchanged from January at \$3.54, both before and after seasonal adjustment. Compared with a

year ago, average hourly earnings were up 19 cents, or 5.7 percent.

Due to the slight rise in the actual workweek, average weekly earnings in February rose 35 cents to \$130.27. After adjusting for seasonality, average weekly earnings were up 71 cents over the month.

Compared with February 1971, average weekly earnings have risen \$7.66 or 6.2 percent. During the latest 12-month period for which the Consumer Price Index is available—January 1971 to January 1972—consumer prices rose 3.4 percent.

Hourly earnings index

In February, the Bureau's Hourly Earnings Index, seasonally adjusted, was 134.2 (1967=100), about the same as in January according to preliminary figures. The index was 5.9 percent higher than February a year ago. (See table 2.) Between February 1971 and February 1972, all industries posted increases, ranging from 4.3 percent in services to 8.9 percent in transportation and public utilities. Because erratic monthly fluctuations can occur in the index, changes over longer intervals than a month should be observed before reaching conclusions as to a trend.

Table 2. Hourly earnings index for production or nonsupervisory workers in private nonfarm industries, seasonally adjusted

(1967=100)

Industry	Feb. ^p 1972	Jan. ^p 1972	Dec. 1971	Nov. 1971	Feb. 1971	Percent change	
						Jan. 1972- Feb. 1972	Feb. 1971- Feb. 1972
Total private nonfarm:							
Current dollars	134.2	134.3	133.5	131.6	126.7	-.1	5.9
Constant (1967) dollars . .	NA	108.9	108.5	107.3	105.6	(¹)	(²)
Mining	132.6	133.6	132.8	126.2	124.1	-.7	6.9
Contract construction	144.2	144.0	142.7	142.1	134.2	.2	7.4
Manufacturing	132.3	132.4	131.6	129.0	125.0	(³)	5.9
Transportation and public utilities	137.7	137.7	136.2	133.4	126.5	(³)	8.9
Wholesale and retail trade . . .	132.0	132.3	131.8	130.1	125.3	-.2	5.3
Finance, insurance, and real estate	129.7	130.4	129.4	127.9	124.0	-.5	4.6
Services	133.6	134.0	133.1	131.9	128.1	-.3	4.3

¹ Percent change was 0.3 from Dec. 1971 to Jan. 1972, the latest month available.

² Percent change was 3.1 from Jan. 1971 to Jan. 1972, the latest month available.

³ Less than 0.05 percent.

NA indicates data are not available.

p= Preliminary.

NOTE: All series are in current dollars except where indicated.

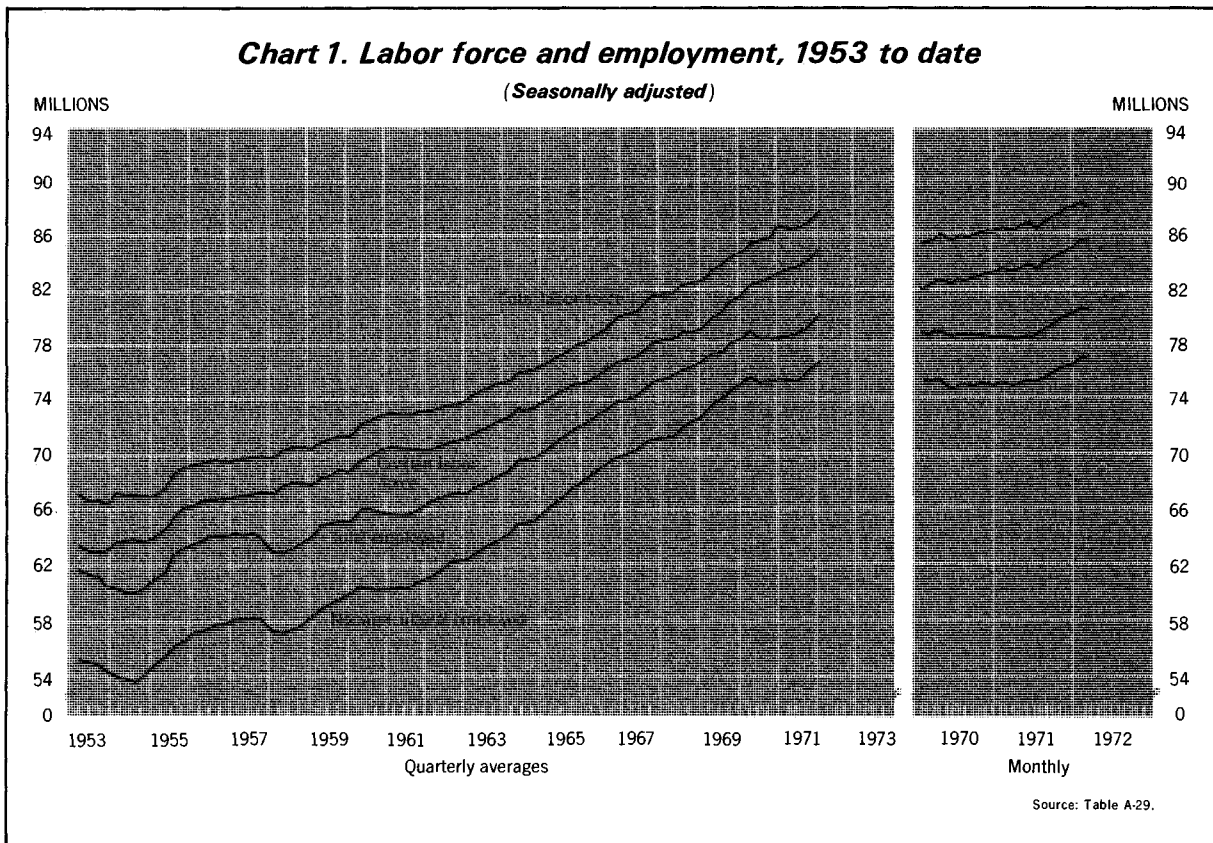
During the 12-month period ending in January, the Hourly Earnings Index in dollars of constant purchasing power rose 3.1 percent.

The index is designed to measure underlying wage movements for production or nonsupervisory workers in the private nonfarm economy. It is adjusted to exclude effects of two types of changes that are unrelated to underlying wage rate developments: Fluctuations in

overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of shifts of workers between high-wage and low-wage industries. However, it is not a pure measure of wage rate change, since it is affected by such factors as fluctuations of earnings under incentive plans, changes in the proportion of low- and high-paid workers within establishments, and overtime variations outside of manufacturing.

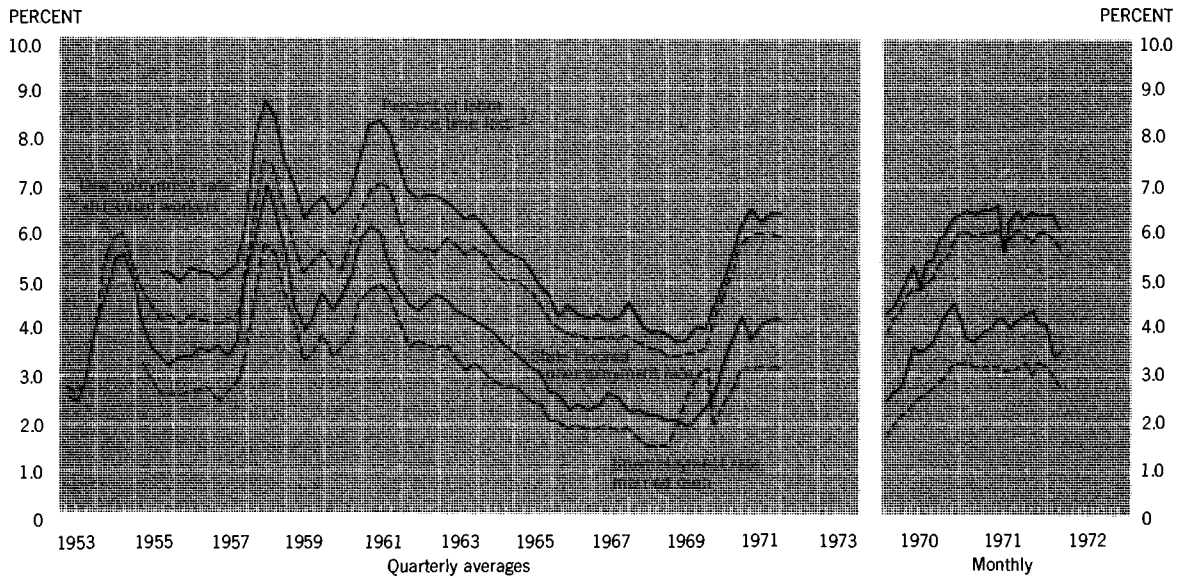
CHARTS

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**Chart 2. Major unemployment indicators
1953 to date**

(Seasonally adjusted)

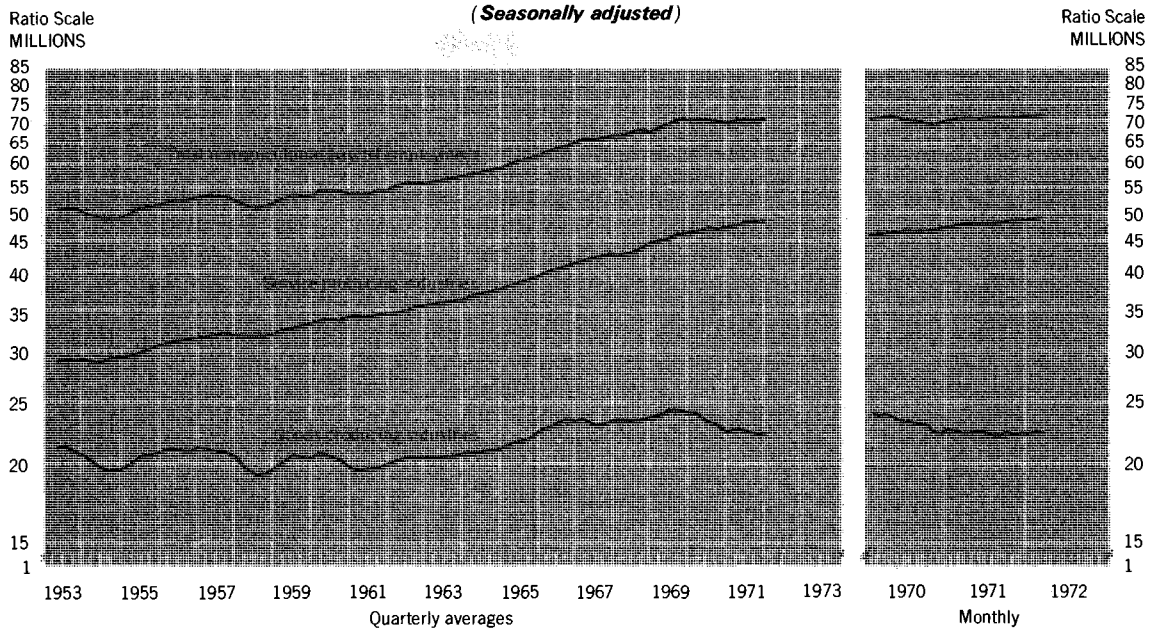


^{1/} Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs.

Source: Table A-33.

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

(Seasonally adjusted)

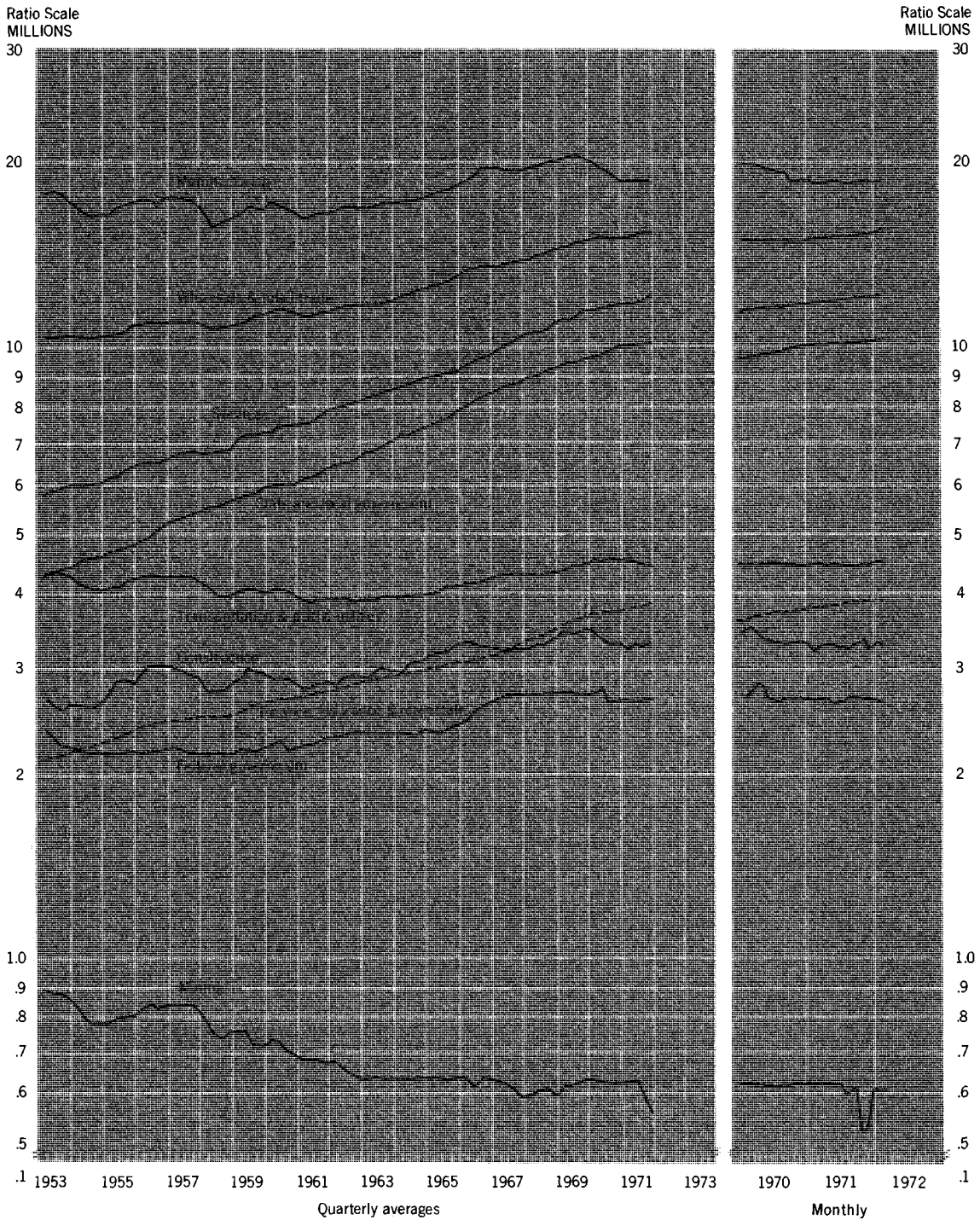


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

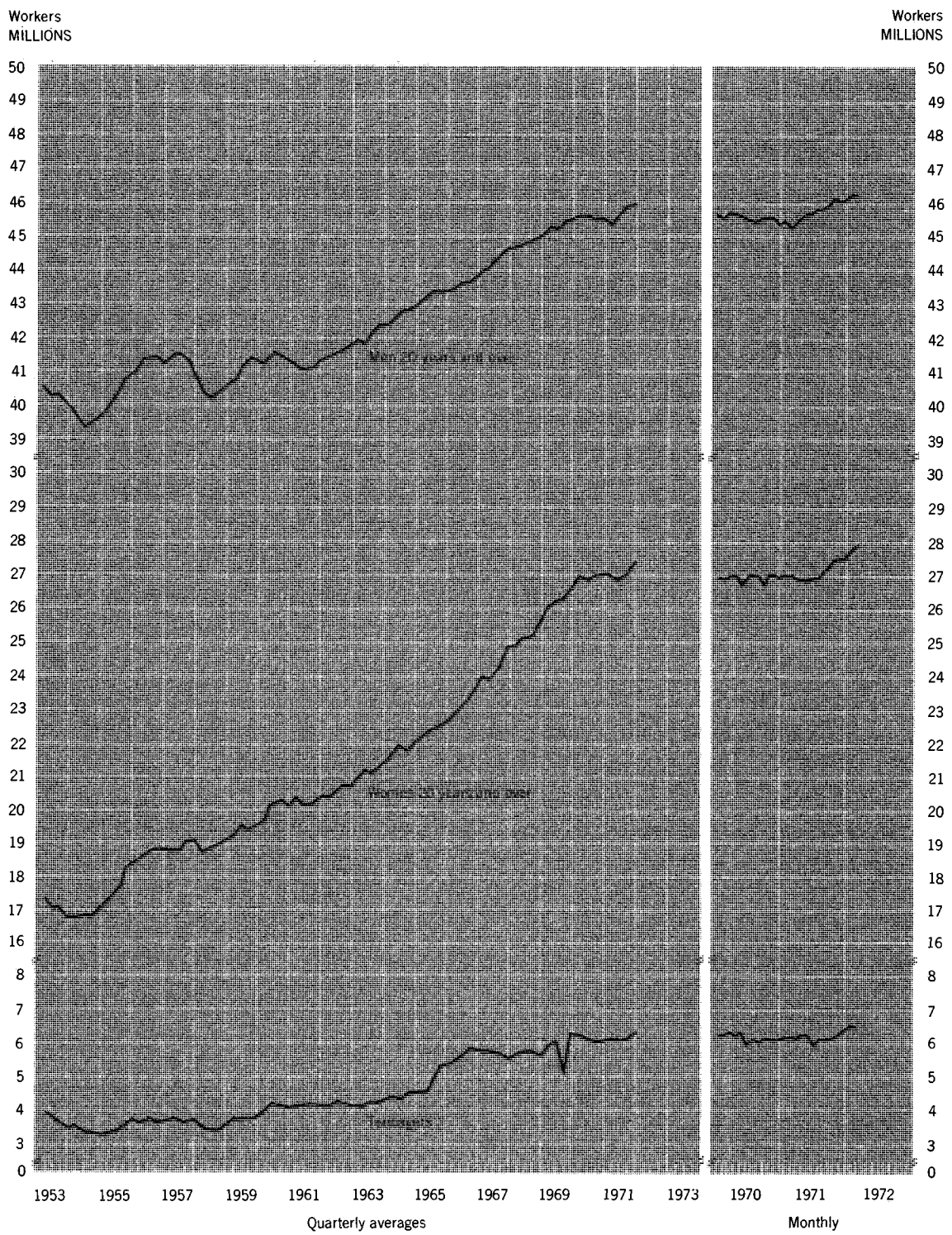
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

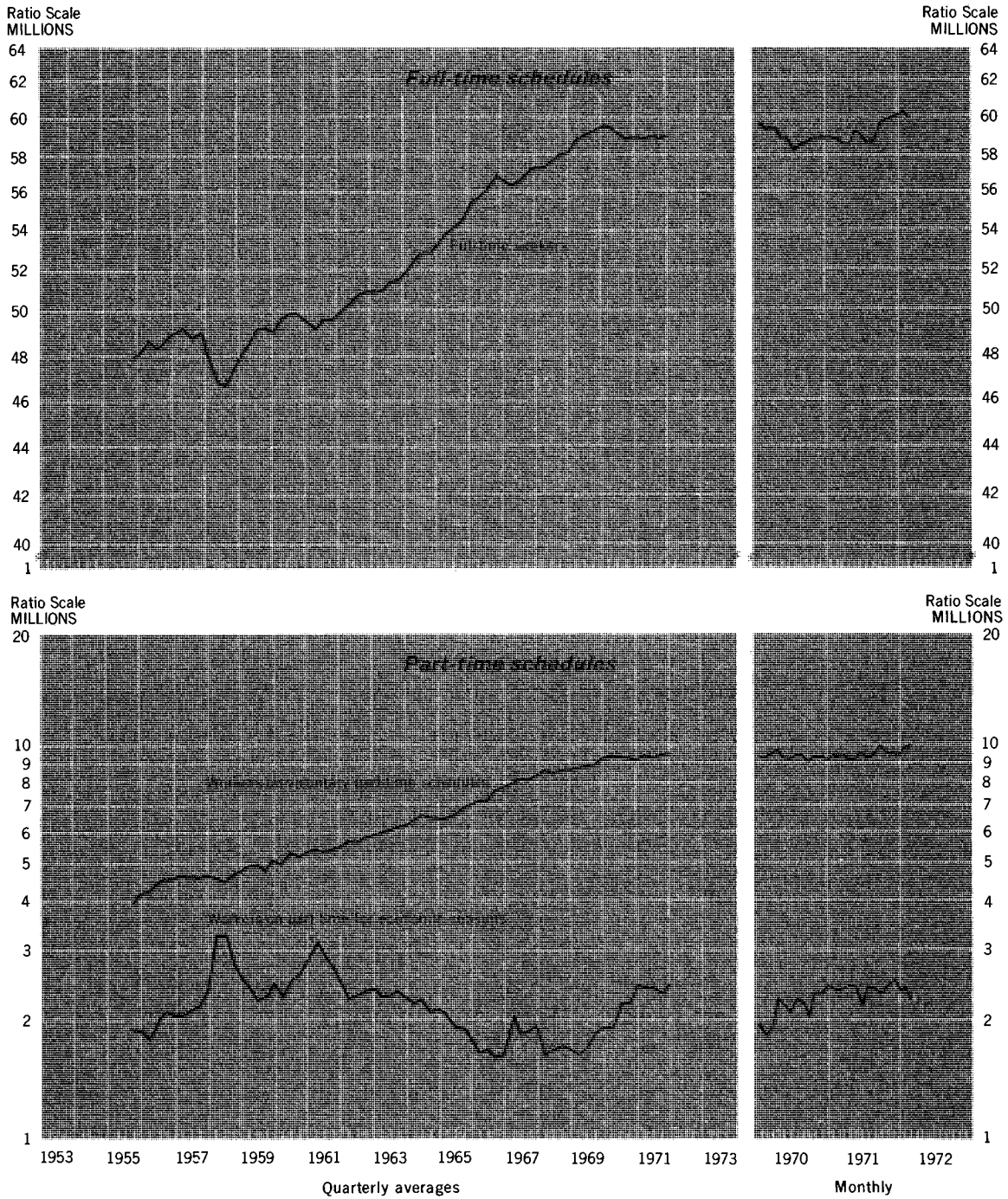
Source: Table B-5.

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



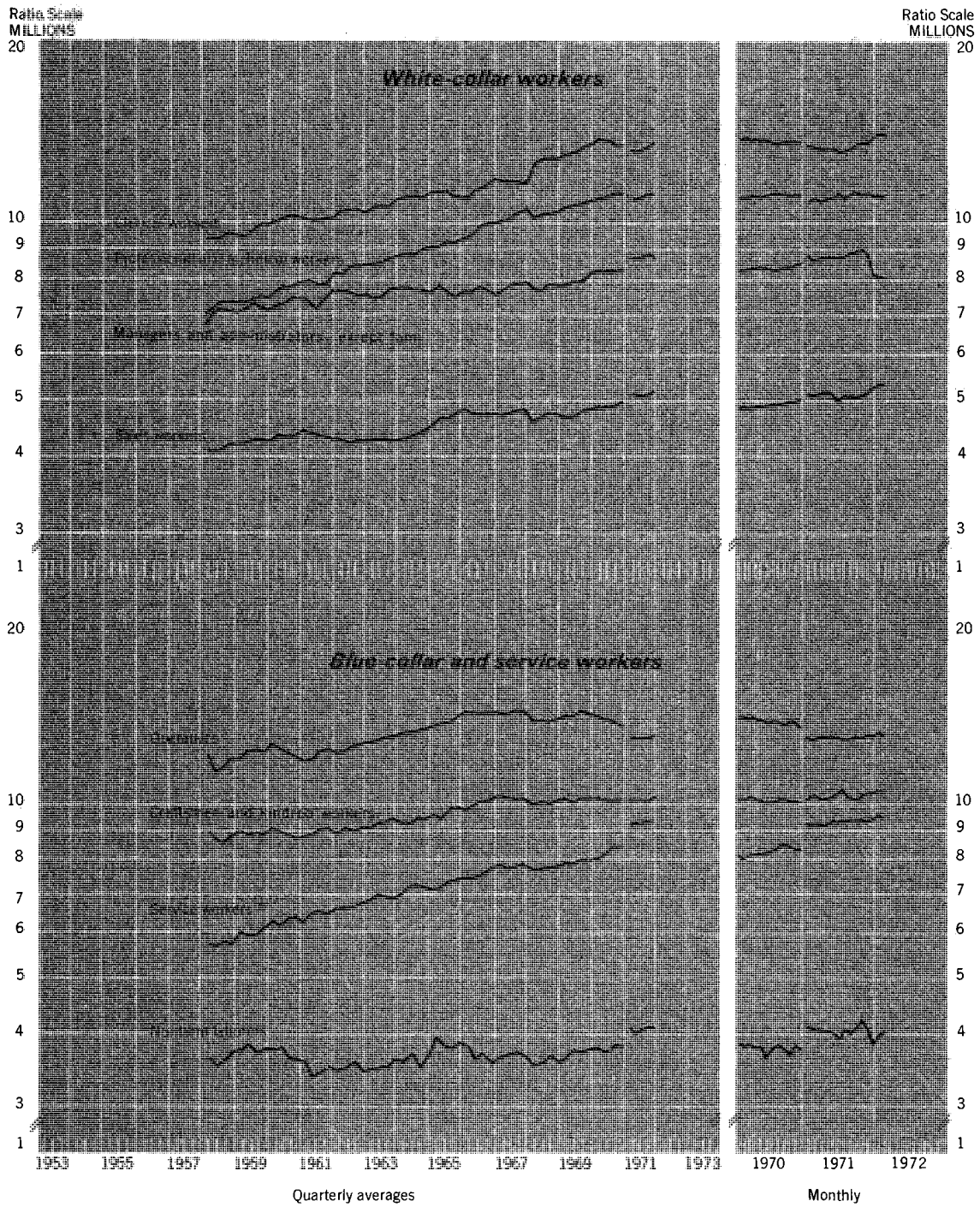
Source: Table A-29.

**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)



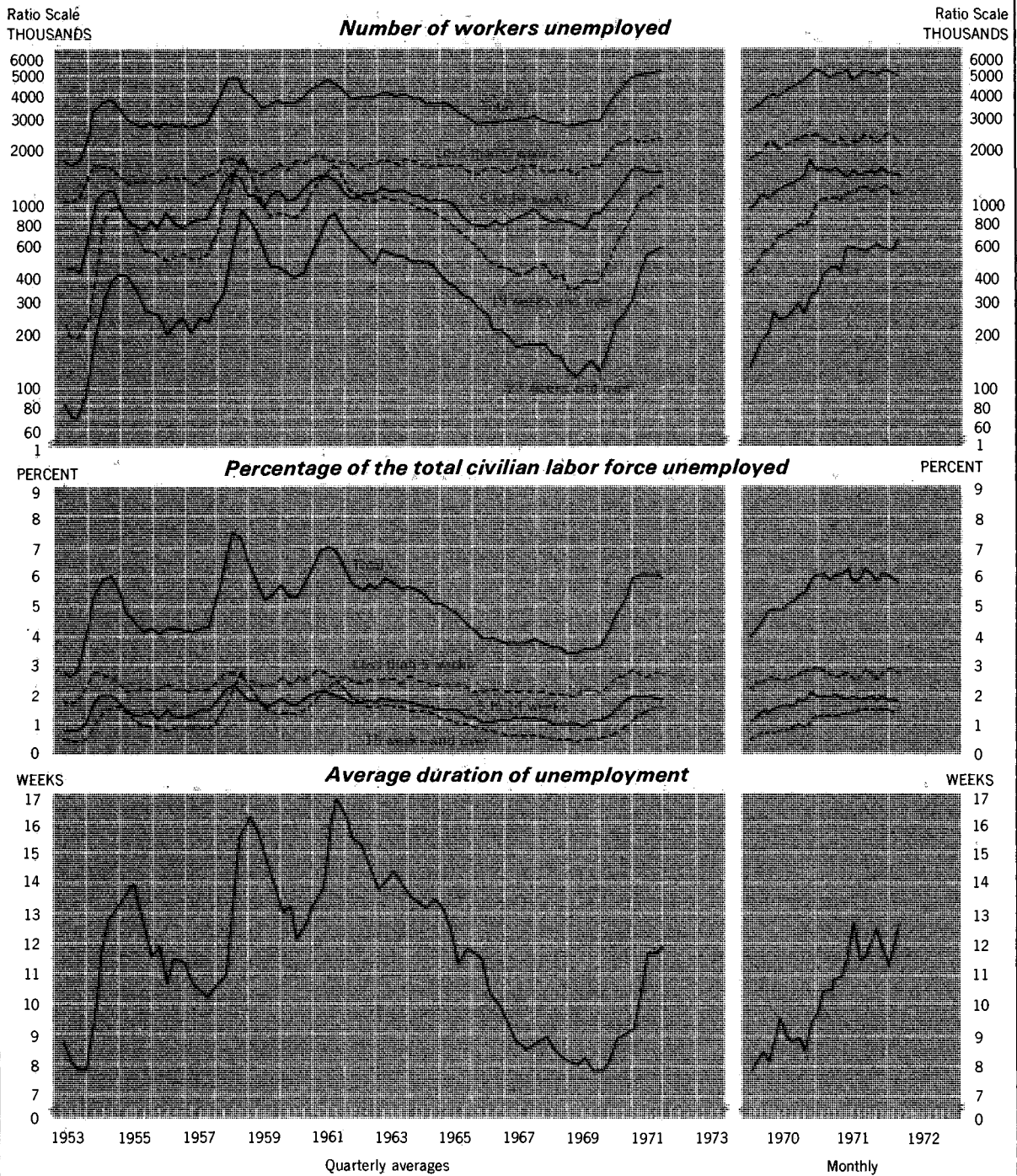
⌞ Excludes private household workers.

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

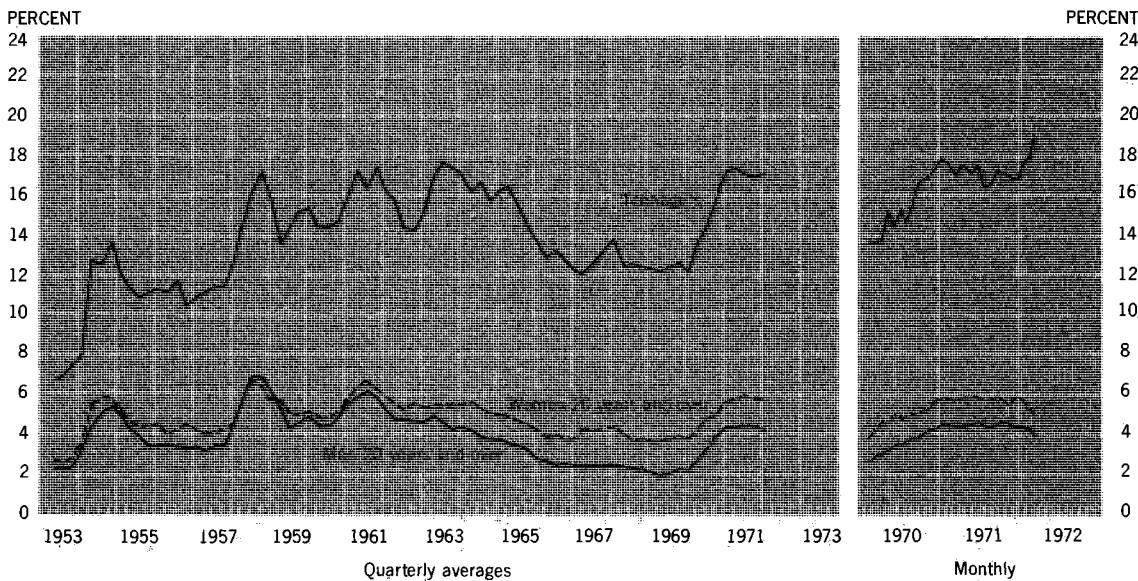
(Seasonally adjusted)



Source: Table A-32.

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

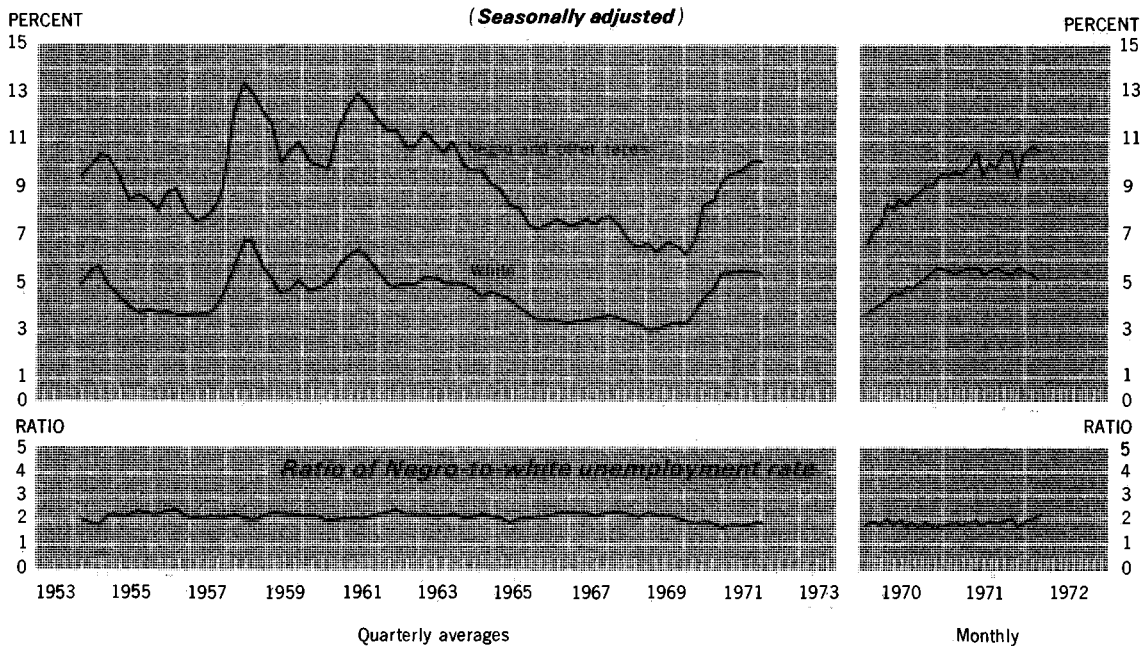
(Seasonally adjusted)



Source: Table A-33.

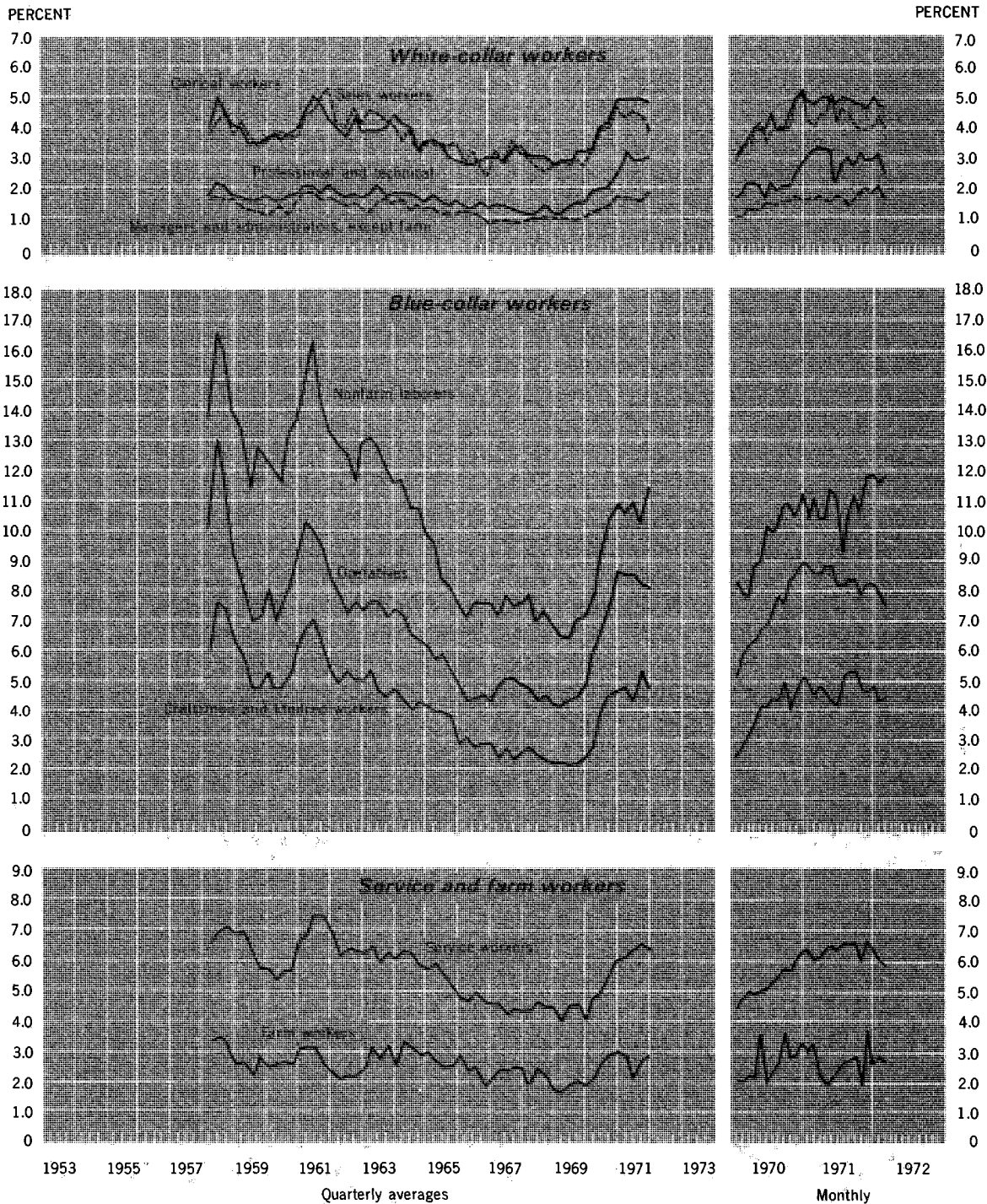
**Chart 10. Unemployment rates by color
1954 to date**

(Seasonally adjusted)



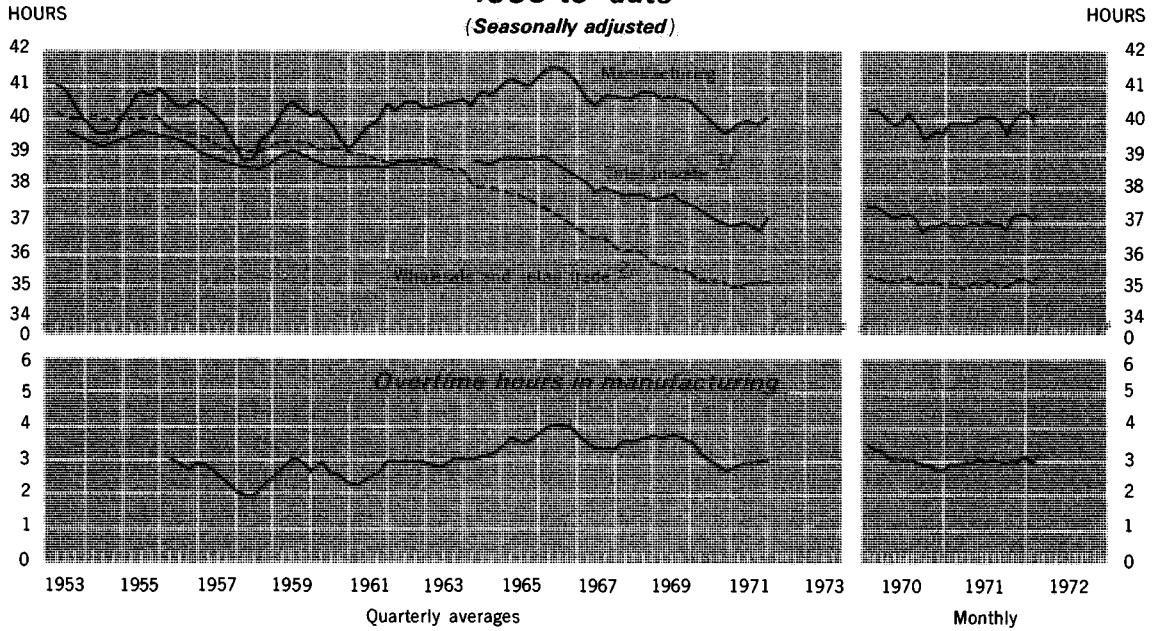
Source: Table A-31.

**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)



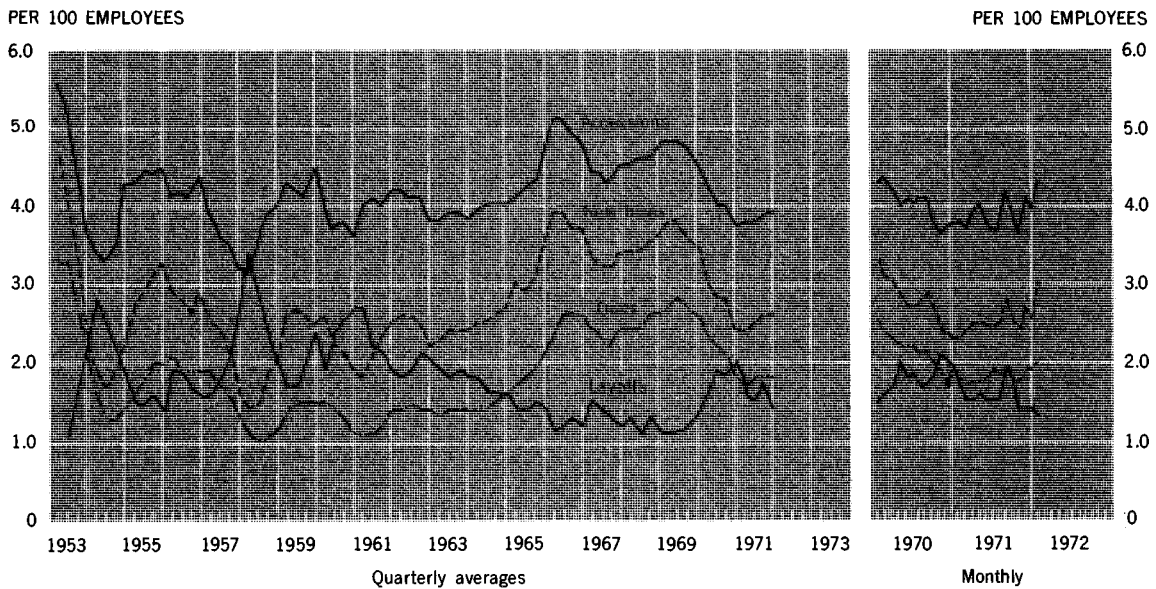
1/ Annual averages prior to 1964.

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)



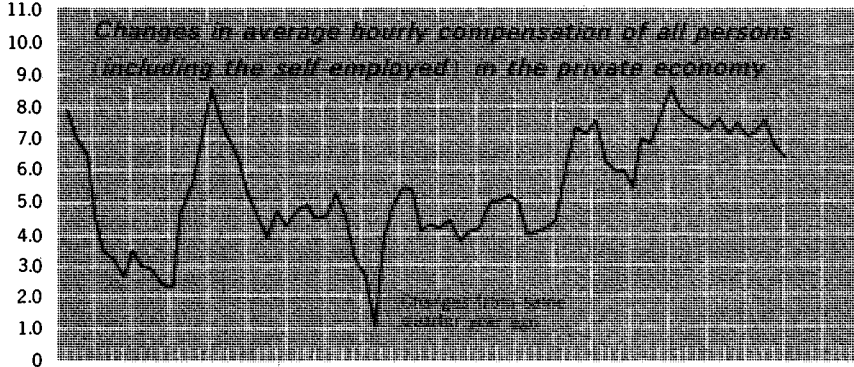
Note: Data for current month are preliminary.

Source: Table: D-3.

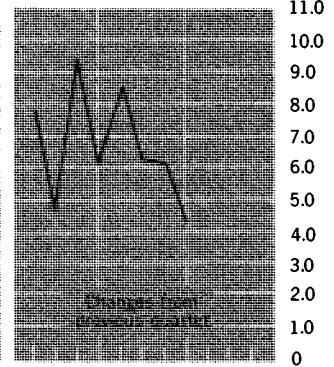
Chart 14. Major compensation trend indicators 1953 to date

(Seasonally adjusted, at annual rates)

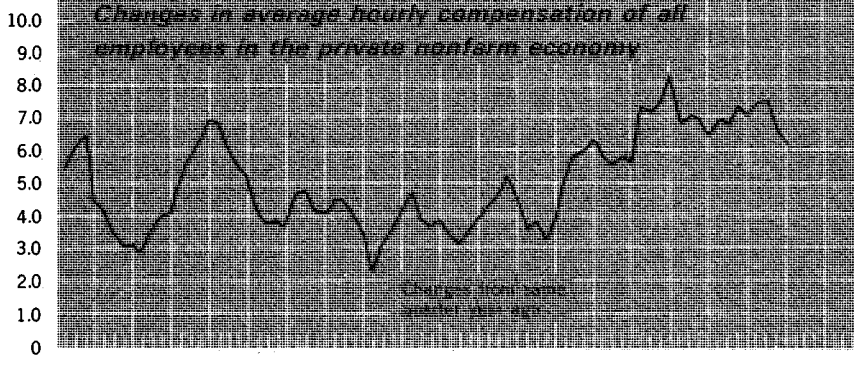
PERCENT CHANGE



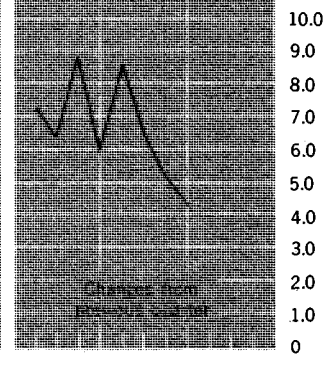
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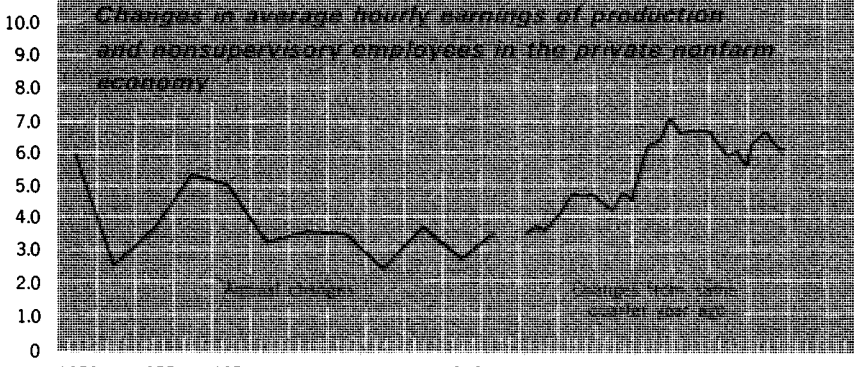
PERCENT CHANGE



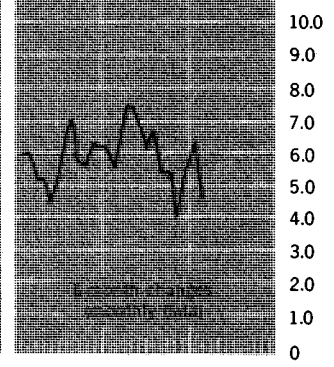
PERCENT CHANGE



PERCENT CHANGE



PERCENT CHANGE



1953 1955 1957 1959 1961 1963 1965 1967 1969 1971 1973 1970 1971 1972

Source: Tables C-11, C-12, and C-14.

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

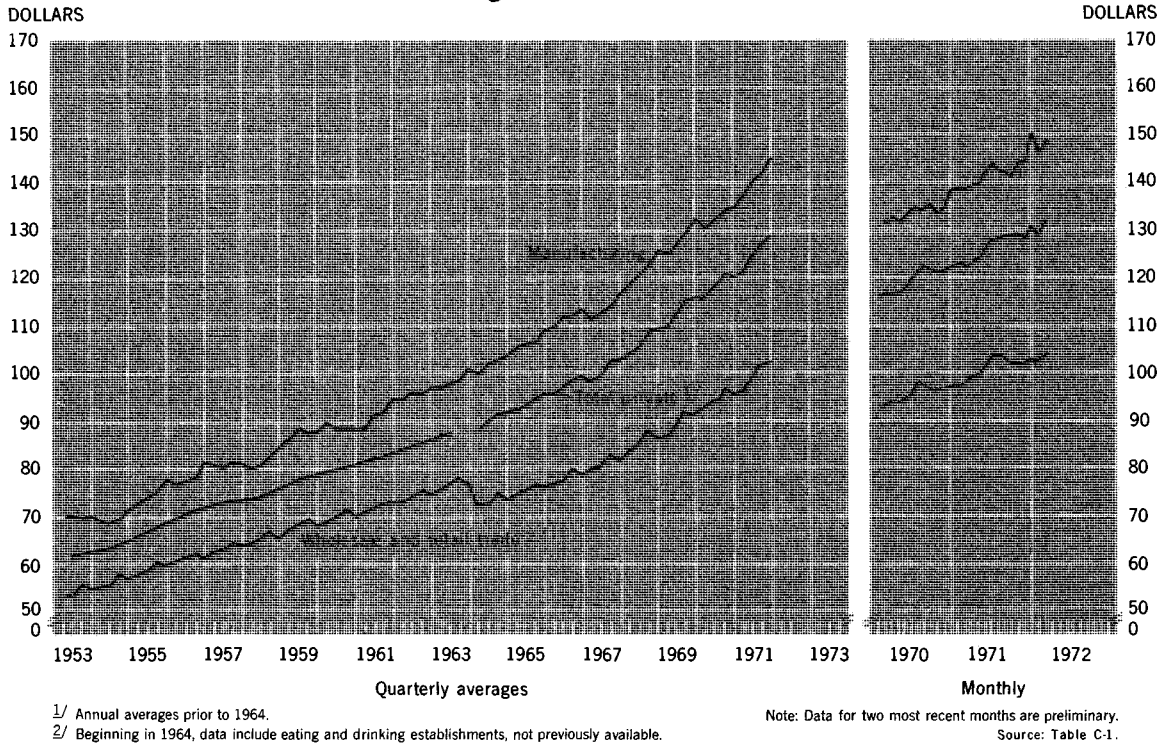


Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date

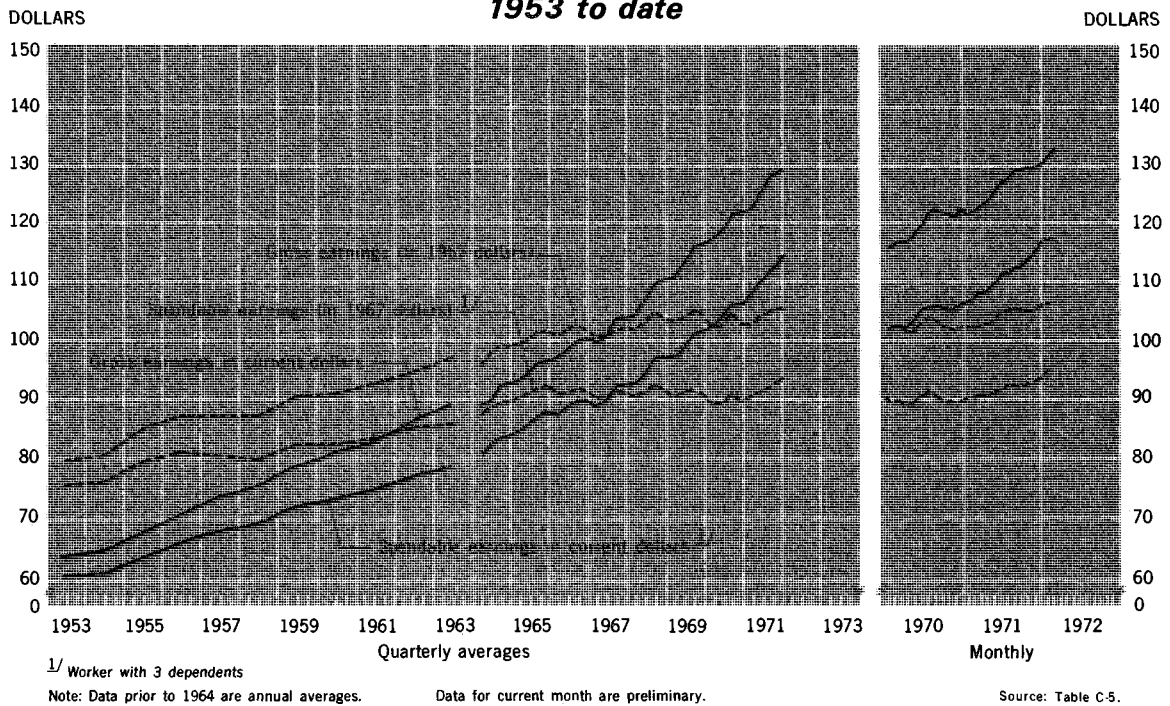
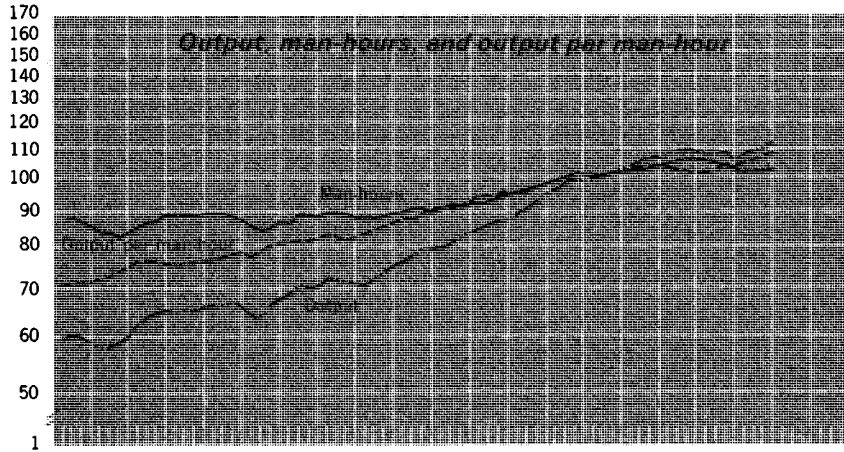


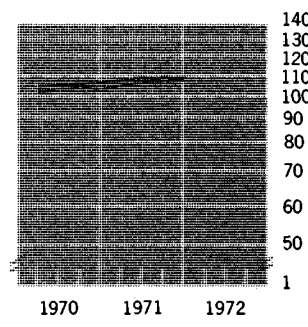
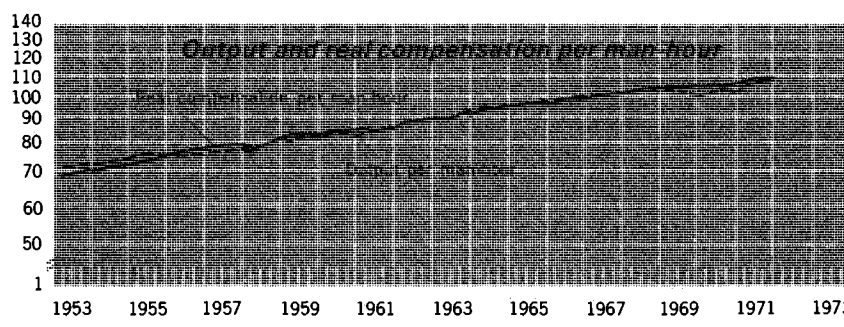
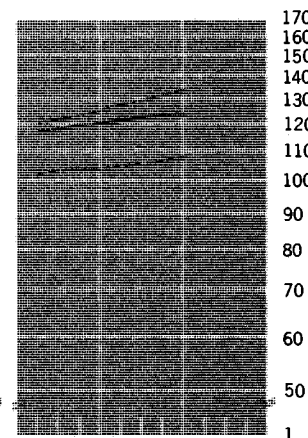
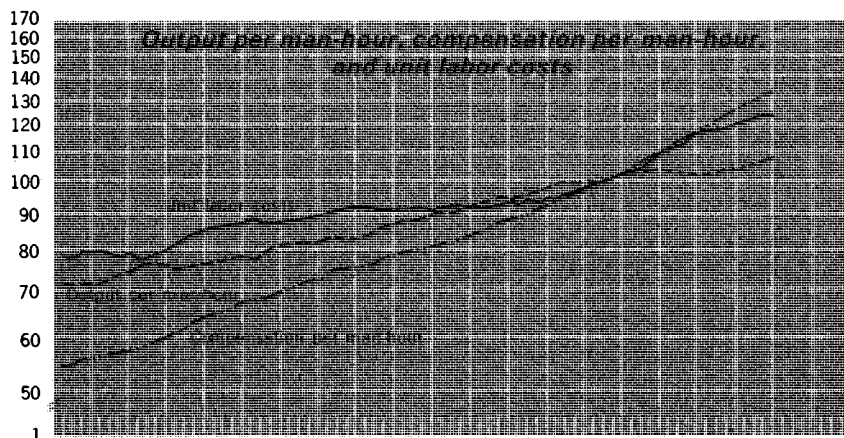
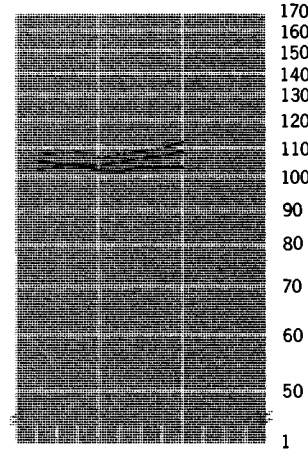
Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date

(Seasonally adjusted quarterly averages)

RATIO SCALE
INDEX (1967=100)



RATIO SCALE
INDEX (1967=100)



1953 1955 1957 1959 1961 1963 1965 1967 1969 1971 1973 1970 1971 1972

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	Agri-culture	Nonagri-cultural 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	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	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	54,724	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: February.....	141,670	85,653	60.5	82,703	77,262	2,846	74,415	5,442	6.6	5.9	56,017
June.....	142,482	87,784	61.6	84,968	79,478	3,920	75,559	5,490	6.5	5.8	54,698
July.....	142,685	88,808	62.2	86,011	80,681	3,971	76,710	5,330	6.2	5.9	53,877
August.....	142,886	88,453	61.9	85,678	80,618	3,764	76,853	5,061	5.9	6.1	54,433
September.....	143,104	86,884	60.7	84,135	79,295	3,444	75,851	4,840	5.8	6.0	56,220
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	6.0	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

¹Not 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.

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	Agri- culture	Nonagri- cultural indus- tries	Number	Percent of labor force		
									Not season- ally adjusted	Season- ally 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	1,861	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	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1971: February.....	68,085	53,832	79.1	50,922	47,686	2,424	45,262	3,236	6.4	5.3	14,254
November.....	68,938	54,643	79.3	51,988	49,408	2,691	46,717	2,580	5.0	5.4	14,295
December.....	69,033	54,566	79.0	51,948	49,164	2,474	46,689	2,784	5.4	5.4	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
February.....	69,460	54,550	78.5	52,048	48,755	2,453	46,302	3,293	6.3	5.3	14,910
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.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	-	41,952
1971: February.....	73,585	31,821	43.2	31,781	29,575	422	29,153	2,206	6.9	6.8	41,763
November.....	74,579	33,072	44.3	33,031	30,796	571	30,225	2,235	6.8	6.9	41,508
December.....	74,690	32,975	44.1	32,935	31,024	474	30,550	1,911	5.8	7.0	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
February.....	75,435	32,769	43.4	32,730	30,611	455	30,156	2,119	6.5	6.4	42,667

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
February 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	54,550	78.5	54,048	48,755	3,293	6.3	14,910	235	4,911	1,557	8,208
16 to 21 years	7,099	61.0	6,165	4,990	1,174	19.0	4,545	25	4,125	32	364
16 to 19 years	4,231	53.3	3,922	3,090	832	21.2	3,708	23	3,414	13	258
16 and 17 years	1,666	41.0	1,635	1,258	377	23.0	2,398	14	2,279	6	99
18 and 19 years	2,565	66.2	2,287	1,832	455	19.9	1,310	9	1,135	7	158
20 to 64 years	48,341	90.8	46,149	43,770	2,379	5.2	4,911	84	1,493	1,067	2,268
20 to 24 years	7,556	83.5	6,321	5,585	736	11.6	1,492	16	1,201	41	235
25 to 54 years	33,685	95.3	32,731	31,374	1,358	4.1	1,676	39	287	569	780
25 to 29 years	6,806	94.9	6,469	6,069	400	6.2	366	7	213	44	103
30 to 34 years	5,752	97.3	5,517	5,285	232	4.2	163	3	29	50	80
35 to 39 years	5,206	96.4	4,981	4,794	188	3.8	193	9	13	66	105
40 to 44 years	5,447	96.2	5,344	5,161	182	3.4	216	8	14	89	105
45 to 49 years	5,451	94.7	5,414	5,227	187	3.5	308	6	5	131	166
50 to 54 years	5,023	92.1	5,006	4,838	168	3.4	430	6	13	189	222
55 to 64 years	7,101	80.3	7,097	6,812	286	4.0	1,743	29	5	456	1,253
55 to 59 years	4,176	87.6	4,173	4,034	138	3.3	589	12	5	225	347
60 to 64 years	2,925	71.7	2,925	2,777	148	5.0	1,154	17	-	231	906
65 years and over	1,977	23.9	1,977	1,895	82	4.1	6,292	128	4	477	5,682
65 to 69 years	1,150	36.7	1,150	1,089	62	5.4	1,986	37	1	154	1,793
70 years and over	827	16.1	827	807	20	2.4	4,306	91	3	323	3,890
White											
16 years and over	49,086	79.2	46,875	44,164	2,711	5.8	12,915	184	4,156	1,224	7,350
16 to 21 years	6,273	62.2	5,450	4,521	929	17.0	3,809	22	3,471	23	293
16 to 19 years	3,781	55.2	3,508	2,850	658	18.8	3,071	20	2,838	11	202
16 and 17 years	1,514	43.3	1,486	1,181	305	20.5	1,981	10	1,886	5	79
18 and 19 years	2,267	67.5	2,022	1,669	353	17.4	1,091	10	953	5	123
20 to 64 years	43,494	91.3	41,556	39,574	1,981	4.8	4,145	58	1,315	829	1,944
20 to 24 years	6,670	83.9	5,568	4,978	590	10.6	1,284	13	1,052	28	191
25 to 54 years	30,327	95.8	29,493	28,347	1,145	3.9	1,317	20	258	418	620
25 to 34 years	11,232	96.3	10,732	10,204	528	4.9	437	2	220	69	146
35 to 44 years	9,561	97.0	9,276	8,969	307	3.3	298	9	20	122	148
45 to 54 years	9,534	94.2	9,484	9,174	310	3.3	583	10	18	228	327
55 to 64 years	6,497	80.8	6,495	6,249	246	3.8	1,543	24	5	382	1,132
55 to 59 years	3,832	88.3	3,829	3,715	115	3.0	508	10	5	186	308
60 to 64 years	2,665	72.0	2,665	2,534	131	4.9	1,036	15	--	197	824
65 years and over	1,811	24.1	1,811	1,740	72	4.0	5,698	106	3	385	5,204
Negro and other races											
16 years and over	5,464	73.2	5,173	4,592	581	11.2	1,996	51	755	332	858
16 to 21 years	826	52.9	715	469	245	34.3	735	3	654	8	71
16 to 19 years	450	41.5	413	240	174	42.0	636	3	576	2	55
16 and 17 years	152	26.7	148	77	71	48.0	417	3	393	--	20
18 and 19 years	299	57.7	265	163	102	38.7	219	--	183	2	35
20 to 64 years	4,847	86.4	4,593	4,196	398	8.7	765	26	177	237	324
20 to 24 years	886	81.0	752	607	145	19.3	208	3	148	13	44
25 to 54 years	3,358	90.4	3,239	3,026	211	6.5	358	19	29	151	159
25 to 34 years	1,326	93.5	1,254	1,150	104	8.3	92	8	21	26	37
35 to 44 years	1,092	90.8	1,049	986	62	5.9	111	8	7	34	62
45 to 54 years	940	85.9	936	890	46	4.9	155	3	--	92	60
55 to 64 years	603	75.1	603	563	40	6.7	200	5	--	74	121
55 to 59 years	344	80.9	343	320	24	6.9	81	2	--	39	40
60 to 64 years	260	68.7	260	243	17	6.4	118	2	--	34	81
65 years and over	166	21.8	166	156	10	6.1	594	22	2	93	478

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
 February 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	32,769	43.4	32,730	30,611	2,119	6.5	42,667	35,223	4,688	895	1,860
16 to 21 years	5,259	46.1	5,240	4,487	754	14.4	6,141	1,705	4,208	28	200
16 to 19 years	3,203	41.5	3,195	2,671	524	16.4	4,522	764	3,597	20	142
16 and 17 years	1,256	31.9	1,255	1,021	234	18.6	2,686	191	2,431	4	60
18 and 19 years	1,948	51.5	1,940	1,650	290	14.9	1,836	573	1,166	15	82
20 to 64 years	28,486	50.7	28,456	26,893	1,563	5.5	27,688	25,509	1,083	326	771
20 to 24 years	5,167	57.4	5,148	4,678	470	9.1	3,840	2,875	835	15	114
25 to 54 years	19,055	51.2	19,044	18,087	957	5.0	18,138	17,336	239	156	406
25 to 29 years	3,597	49.1	3,592	3,362	230	6.4	3,726	3,549	99	15	62
30 to 34 years	2,812	46.0	2,810	2,636	174	6.3	3,296	3,174	54	13	55
35 to 39 years	2,817	49.9	2,816	2,698	117	4.2	2,831	2,710	41	15	64
40 to 44 years	3,237	54.2	3,236	3,070	166	5.1	2,740	2,617	29	25	70
45 to 49 years	3,350	53.9	3,349	3,195	154	4.6	2,862	2,738	12	41	71
50 to 54 years	3,242	54.7	3,241	3,126	116	3.6	2,684	2,548	4	47	84
55 to 64 years	4,265	42.8	4,265	4,128	137	3.2	5,709	5,298	8	154	250
55 to 59 years	2,564	48.7	2,564	2,488	76	3.0	2,704	2,523	8	73	101
60 to 64 years	1,701	36.1	1,701	1,640	60	3.5	3,005	2,774	--	81	149
65 years and over	1,079	9.4	1,079	1,047	32	2.9	10,457	8,951	8	550	947
65 to 69 years	664	17.1	664	638	27	4.0	3,232	2,917	3	82	230
70 years and over	414	5.4	414	409	5	1.2	7,226	6,034	5	468	718
White											
16 years and over	28,621	42.9	28,587	26,915	1,672	5.8	38,164	31,947	3,891	690	1,635
16 to 21 years	4,704	48.0	4,688	4,108	580	12.4	5,087	1,418	3,503	19	147
16 to 19 years	2,904	43.9	2,897	2,490	407	14.0	3,718	616	2,979	14	109
16 and 17 years	1,154	34.3	1,154	961	193	16.7	2,213	161	2,001	4	47
18 and 19 years	1,750	53.8	1,743	1,530	214	12.3	1,504	455	978	10	61
20 to 64 years	24,764	49.9	24,737	23,502	1,234	5.0	24,839	23,025	905	245	665
20 to 24 years	4,517	57.8	4,500	4,137	363	8.1	3,303	2,516	702	12	74
25 to 54 years	16,379	50.0	16,369	15,621	747	4.6	16,361	15,683	195	117	365
25 to 34 years	5,399	46.0	5,394	5,086	307	5.7	6,337	6,095	115	21	105
35 to 44 years	5,148	50.7	5,145	4,934	211	4.1	5,002	4,787	65	29	121
45 to 54 years	5,831	53.7	5,830	5,601	229	3.9	5,022	4,801	15	67	139
55 to 64 years	3,868	42.8	3,868	3,743	124	3.2	5,175	4,826	8	116	225
55 to 59 years	2,313	48.4	2,313	2,246	67	2.9	2,462	2,304	8	58	93
60 to 64 years	1,555	36.4	1,555	1,498	57	3.7	2,713	2,522	--	58	132
65 years and over	953	9.0	953	923	31	3.2	9,607	8,306	8	431	862
Negro and other races											
16 years and over	4,148	47.9	4,143	3,696	447	10.8	4,503	3,277	797	205	224
16 to 21 years	555	34.5	552	379	173	31.4	1,054	287	705	8	54
16 to 19 years	299	27.1	298	181	117	39.4	805	148	619	5	33
16 and 17 years	102	17.7	102	60	41	40.6	473	30	430	--	13
18 and 19 years	198	37.3	196	120	76	38.7	332	118	188	5	20
20 to 64 years	3,724	56.7	3,720	3,391	329	8.8	2,849	2,483	177	81	107
20 to 24 years	650	54.7	647	541	106	16.4	537	360	133	3	41
25 to 54 years	2,677	60.1	2,676	2,465	210	7.8	1,777	1,652	44	40	41
25 to 34 years	1,009	59.6	1,009	912	97	9.6	684	628	37	8	12
35 to 44 years	906	61.4	906	834	73	8.0	569	540	5	11	13
45 to 54 years	761	59.2	760	719	41	5.4	524	484	2	21	16
55 to 64 years	397	42.7	397	385	13	3.2	534	471	--	38	25
55 to 59 years	251	50.9	251	242	9	3.6	242	219	--	15	8
60 to 64 years	146	33.3	146	142	3	2.4	292	252	--	23	17
65 years and over	125	12.9	125	124	1	.8	850	646	1	119	85

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
MALE								
16 years and over	54,550	53,832	78.5	79.1	52,048	50,922	77.7	78.1
16 to 19 years	4,231	3,979	53.3	51.9	3,922	3,641	51.4	49.7
16 and 17 years	1,666	1,608	41.0	40.8	1,635	1,577	40.5	40.4
18 and 19 years	2,565	2,371	66.2	63.6	2,287	2,064	63.6	60.4
20 to 24 years	7,556	7,342	83.5	83.7	6,321	5,815	80.9	80.3
25 to 54 years	33,685	33,392	95.3	95.8	32,731	32,351	95.1	95.7
25 to 34 years	12,558	12,145	96.0	96.4	11,986	11,519	95.8	96.3
35 to 44 years	10,653	10,713	96.3	96.6	10,325	10,360	96.2	96.5
45 to 54 years	10,474	10,534	93.4	94.3	10,420	10,472	93.4	94.3
55 to 64 years	7,101	7,133	80.3	82.4	7,097	7,129	80.3	82.4
55 to 59 years	4,176	4,229	87.6	89.1	4,173	4,225	87.6	89.1
60 to 64 years	2,925	2,904	71.7	74.3	2,925	2,904	71.7	74.3
65 years and over	1,977	1,986	23.9	24.4	1,977	1,986	23.9	24.4
White								
16 years and over	49,086	48,418	79.2	79.5	46,875	45,831	78.4	78.6
16 to 19 years	3,781	3,552	55.2	53.5	3,508	3,250	53.3	51.3
16 and 17 years	1,514	1,450	43.3	42.6	1,486	1,422	42.9	42.1
18 and 19 years	2,267	2,102	67.5	64.9	2,022	1,828	65.0	61.7
20 to 24 years	6,670	6,466	83.9	84.0	5,568	5,098	81.3	80.6
25 to 54 years	30,327	30,059	95.8	96.4	29,493	29,145	95.7	96.3
25 to 34 years	11,232	10,817	96.3	96.8	10,732	10,269	96.1	96.6
35 to 44 years	9,561	9,637	97.0	97.2	9,276	9,330	96.9	97.1
45 to 54 years	9,534	9,605	94.2	95.1	9,484	9,547	94.2	95.0
55 to 64 years	6,497	6,528	80.8	82.8	6,495	6,525	80.8	82.8
55 to 59 years	3,832	3,867	88.3	89.7	3,829	3,864	88.3	89.7
60 to 64 years	2,665	2,661	72.0	74.5	2,665	2,661	72.0	74.5
65 years and over	1,811	1,813	24.1	24.3	1,811	1,813	24.1	24.3
Negro and other races								
16 years and over	5,464	5,414	73.2	75.0	5,173	5,091	72.2	73.9
16 to 19 years	450	428	41.5	41.8	413	392	39.4	39.6
16 and 17 years	152	158	26.7	29.6	148	155	26.2	29.2
18 and 19 years	299	270	57.7	55.1	265	236	54.8	51.8
20 to 24 years	886	876	81.0	81.7	752	718	78.3	78.5
25 to 54 years	3,358	3,333	90.4	91.2	3,239	3,206	90.1	90.9
25 to 34 years	1,326	1,328	93.5	93.8	1,254	1,250	93.2	93.5
35 to 44 years	1,092	1,075	90.8	91.8	1,049	1,030	90.4	91.4
45 to 54 years	940	930	85.9	87.1	936	925	85.8	87.1
55 to 64 years	603	605	75.1	78.2	603	605	75.1	78.2
55 to 59 years	344	362	80.9	83.4	343	361	80.8	83.4
60 to 64 years	260	243	68.7	71.5	260	243	68.7	71.5
65 years and over	166	172	21.8	24.9	166	172	21.8	24.9

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
FEMALE								
16 years and over	32,769	31,821	43.4	43.2	32,730	31,781	43.4	43.2
16 to 19 years	3,203	2,987	41.5	39.8	3,195	2,978	41.4	39.7
16 and 17 years	1,256	1,150	31.9	29.8	1,255	1,150	31.9	29.8
18 and 19 years	1,948	1,837	51.5	50.2	1,940	1,828	51.4	50.1
20 to 24 years	5,167	4,952	57.4	56.9	5,148	4,933	57.3	56.8
25 to 54 years	19,055	18,567	51.2	50.8	19,044	18,556	51.2	50.8
25 to 34 years	6,409	5,909	47.7	45.9	6,402	5,903	47.7	45.9
35 to 44 years	6,054	6,107	52.1	52.7	6,051	6,103	52.1	52.6
45 to 54 years	6,592	6,552	54.3	54.3	6,590	6,550	54.3	54.3
55 to 64 years	4,265	4,274	42.8	43.8	4,265	4,274	42.8	43.8
55 to 59 years	2,564	2,584	48.7	49.2	2,564	2,583	48.7	49.2
60 to 64 years	1,701	1,691	36.1	37.5	1,701	1,691	36.1	37.5
65 years and over	1,079	1,041	9.4	9.4	1,079	1,041	9.4	9.4
White								
16 years and over	28,621	27,823	42.9	42.6	28,587	27,787	42.8	42.6
16 to 19 years	2,904	2,723	43.9	42.2	2,897	2,715	43.8	42.1
16 and 17 years	1,154	1,057	34.3	32.0	1,154	1,057	34.3	32.0
18 and 19 years	1,750	1,666	53.8	52.9	1,743	1,658	53.7	52.7
20 to 24 years	4,517	4,312	57.8	56.9	4,500	4,295	57.7	56.8
25 to 54 years	16,379	15,979	50.0	49.5	16,369	15,968	50.0	49.5
25 to 34 years	5,399	4,958	46.0	44.0	5,394	4,952	46.0	44.0
35 to 44 years	5,148	5,229	50.7	51.4	5,145	5,226	50.7	51.4
45 to 54 years	5,831	5,792	53.7	53.6	5,830	5,790	53.7	53.6
55 to 64 years	3,868	3,857	42.8	43.6	3,868	3,856	42.8	43.6
55 to 59 years	2,313	2,310	48.4	48.7	2,313	2,310	48.4	48.7
60 to 64 years	1,555	1,547	36.4	37.6	1,555	1,546	36.4	37.6
65 years and over	953	953	9.0	9.3	953	953	9.0	9.3
Negro and other races								
16 years and over	4,148	3,998	47.9	48.4	4,143	3,994	47.9	48.4
16 to 19 years	299	264	27.1	25.0	298	263	27.0	24.9
16 and 17 years	102	92	17.7	16.9	102	92	17.7	16.9
18 and 19 years	198	172	37.3	33.8	196	170	37.2	33.7
20 to 24 years	650	640	54.7	56.3	647	638	54.6	56.2
25 to 54 years	2,677	2,588	60.1	60.2	2,676	2,587	60.1	60.2
25 to 34 years	1,009	951	59.6	59.1	1,009	951	59.6	59.1
35 to 44 years	906	877	61.4	61.5	906	877	61.4	61.5
45 to 54 years	761	760	59.2	60.2	760	760	59.2	60.2
55 to 64 years	397	418	42.7	46.3	397	418	42.7	46.3
55 to 59 years	251	274	50.9	53.9	251	274	50.9	53.9
60 to 64 years	146	144	33.3	36.5	146	144	33.3	36.5
65 years and over	125	88	12.9	10.1	125	88	12.9	10.1

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
February 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	23,043	11,644	11,399	19,873	10,082	9,790	3,170	1,562	1,609
Total labor force	12,358	7,099	5,259	10,976	6,273	4,704	1,381	826	555
Percent of population	53.6	61.0	46.1	55.2	62.2	48.0	43.6	52.9	34.5
Civilian labor force	11,405	6,165	5,240	10,138	5,450	4,688	1,267	715	552
Employed	9,477	4,990	4,487	8,629	4,521	4,108	848	469	379
Agriculture	340	292	48	316	271	45	24	22	3
Nonagricultural industries	9,137	4,698	4,439	8,313	4,250	4,063	824	448	376
Unemployed	1,928	1,174	754	1,510	929	580	419	245	173
Percent of labor force	16.9	19.0	14.4	14.9	17.0	12.8	33.0	34.3	31.4
Looking for full-time work	1,150	697	454	857	521	336	293	175	118
Looking for part-time work	778	478	300	652	408	245	125	70	56
Not in labor force	10,685	4,545	6,141	8,896	3,809	5,087	1,789	735	1,054
Major activity: going to school									
Civilian labor force	3,719	2,117	1,602	3,423	1,942	1,481	296	175	121
Employed	2,991	1,642	1,349	2,815	1,544	1,271	175	98	78
Agriculture	141	123	19	138	118	20	4	4	--
Nonagricultural industries	2,849	1,519	1,330	2,678	1,426	1,251	172	93	78
Unemployed	728	475	253	607	397	210	120	77	43
Percent of labor force	19.6	22.4	15.8	17.7	20.5	14.2	40.7	44.2	35.6
Looking for full-time work	49	35	14	28	20	8	21	15	6
Looking for part-time work	679	440	239	580	377	203	100	63	37
Not in labor force	8,333	4,125	4,208	6,974	3,471	3,503	1,359	654	705
Major activity: other									
Civilian labor force	7,686	4,048	3,638	6,715	3,509	3,207	971	539	432
Employed	6,486	3,348	3,138	5,813	2,977	2,837	673	372	301
Agriculture	199	170	29	178	152	25	21	17	3
Nonagricultural industries	6,288	3,179	3,109	5,635	2,824	2,811	652	354	298
Unemployed	1,200	700	501	902	532	370	298	168	130
Percent of labor force	15.6	17.3	13.8	13.4	15.2	11.5	30.7	31.1	30.2
Looking for full-time work	1,102	662	440	829	501	328	272	161	112
Looking for part-time work	99	38	61	73	31	42	26	7	19
Not in labor force	2,352	420	1,933	1,922	338	1,584	430	82	349

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total								
Total noninstitutional population	144,895	141,670	61,521	60,422	67,710	66,074	15,664	15,174
Total labor force	87,318	85,653	50,318	49,852	29,565	28,834	7,435	6,966
Percent of population	60.3	60.5	81.8	82.5	43.7	43.6	47.5	45.9
Civilian labor force	84,778	82,703	48,126	47,281	29,535	28,804	7,117	6,619
Employed	79,366	77,262	45,665	44,698	27,940	27,071	5,761	5,492
Agriculture	2,909	2,846	2,243	2,194	419	386	247	265
Nonagricultural industries	76,458	74,415	43,422	42,504	27,521	26,685	5,514	5,227
Unemployed	5,412	5,442	2,461	2,582	1,595	1,733	1,356	1,127
Percent of labor force	6.4	6.6	5.1	5.5	5.4	6.0	19.0	17.0
Not in labor force	57,577	56,017	11,203	10,570	38,145	37,240	8,230	8,207
White								
Total noninstitutional population	128,785	126,192	55,148	54,231	60,162	58,866	13,474	13,096
Total labor force	77,706	76,241	45,305	44,866	25,717	25,100	6,685	6,275
Percent of population	60.3	60.4	82.2	82.7	42.7	42.6	49.6	47.9
Civilian labor force	75,462	73,618	43,367	42,581	25,690	25,072	6,405	5,965
Employed	71,079	69,108	41,314	40,390	24,425	23,676	5,340	5,041
Agriculture	2,654	2,552	2,020	1,961	399	350	235	241
Nonagricultural industries	68,425	66,556	39,293	38,429	24,026	23,327	5,106	4,800
Unemployed	4,383	4,511	2,053	2,191	1,265	1,396	1,065	924
Percent of labor force	5.8	6.1	4.7	5.1	4.9	5.6	16.6	15.5
Not in labor force	51,078	49,952	9,843	9,365	34,446	33,766	6,789	6,821
Negro and other races								
Total noninstitutional population	16,111	15,478	6,373	6,191	7,547	7,208	2,191	2,078
Total labor force	9,612	9,412	5,013	4,986	3,849	3,734	750	691
Percent of population	59.7	60.8	78.7	80.5	51.0	51.8	34.2	33.3
Civilian labor force	9,316	9,085	4,759	4,700	3,845	3,731	712	654
Employed	8,288	8,154	4,352	4,309	3,515	3,394	421	451
Agriculture	255	294	223	234	20	37	12	24
Nonagricultural industries	8,033	7,859	4,129	4,075	3,495	3,358	409	427
Unemployed	1,026	931	408	391	330	337	291	203
Percent of labor force	11.0	10.2	8.6	8.3	8.6	9.0	40.9	31.1
Not in labor force	6,499	6,066	1,359	1,205	3,699	3,474	1,441	1,386

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

February 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	71,565	64,859	2,474	4,233	5.9	13,213	12,034	1,179	8.9
16 to 21 years	6,434	4,836	448	1,150	17.9	4,971	4,193	778	15.6
16 to 19 years	3,052	2,083	298	671	22.0	4,065	3,380	685	16.8
16 and 17 years	465	240	63	162	34.7	2,425	1,976	449	18.5
18 and 19 years	2,587	1,843	234	509	19.7	1,640	1,404	236	14.4
20 years and over	68,513	62,776	2,176	3,562	5.2	9,148	8,653	494	5.4
20 to 24 years	9,730	8,315	398	1,017	10.5	1,738	1,550	188	10.8
25 years and over	58,783	54,461	1,778	2,545	4.3	7,410	7,103	307	4.1
25 to 54 years	46,875	43,487	1,303	2,085	4.4	4,900	4,670	230	4.7
55 years and over	11,908	10,974	475	460	3.9	2,510	2,433	77	3.1
MALE									
16 years and over	47,323	43,394	1,268	2,662	5.6	4,725	4,094	630	13.3
16 to 21 years	3,512	2,605	211	697	19.8	2,653	2,175	478	18.0
16 to 19 years	1,705	1,157	136	412	24.2	2,217	1,798	419	18.9
20 years and over	45,619	42,237	1,132	2,250	4.9	2,507	2,296	211	8.4
20 to 24 years	5,509	4,641	237	632	11.5	811	707	104	12.8
25 years and over	40,109	37,596	895	1,618	4.0	1,696	1,590	107	6.3
25 to 54 years	32,113	30,185	626	1,303	4.1	618	563	55	8.9
55 years and over	7,996	7,411	270	315	3.9	1,079	1,027	52	4.8
FEMALE									
16 years and over	24,242	21,466	1,206	1,570	6.5	8,488	7,939	549	6.5
16 to 21 years	2,922	2,232	237	454	15.5	2,318	2,018	300	12.9
16 to 19 years	1,347	927	162	259	19.2	1,848	1,582	265	14.4
20 years and over	22,895	20,539	1,044	1,312	5.7	6,640	6,357	283	4.3
20 to 24 years	4,221	3,675	161	385	9.1	927	842	84	9.1
25 years and over	18,674	16,865	883	927	5.0	5,714	5,515	199	3.5
25 to 54 years	14,761	13,302	677	782	5.3	4,282	4,107	175	4.1
55 years and over	3,912	3,563	205	145	3.7	1,432	1,408	24	1.7

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

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total, 16 years and over	3,293	3,236	6.3	6.4	2,119	2,206	6.5	6.9
16 to 19 years	832	654	21.2	18.0	524	473	16.4	15.9
16 and 17 years	377	298	23.0	18.9	234	174	18.7	15.1
18 and 19 years	455	355	19.9	17.2	290	299	14.9	16.4
20 years and over	2,461	2,582	5.1	5.5	1,595	1,733	5.4	6.0
20 to 24 years	736	730	11.6	12.6	470	494	9.1	10.0
25 years and over	1,725	1,852	4.1	4.5	1,126	1,239	4.6	5.2
25 to 34 years	632	613	5.3	5.3	404	453	6.3	7.7
35 to 44 years	370	415	3.6	4.0	283	336	4.7	5.5
45 to 54 years	356	393	3.4	3.8	270	268	4.1	4.1
55 to 64 years	286	341	4.0	4.8	137	145	3.2	3.4
55 to 59 years	138	209	3.3	4.9	76	88	3.0	3.4
60 to 64 years	148	132	5.0	4.6	60	57	3.5	3.3
65 years and over	82	89	4.1	4.5	32	36	2.9	3.4
Household head, 16 years and over	1,688	1,828	3.9	4.3	380	364	5.4	5.4
16 to 24 years	240	265	6.6	7.9	85	55	10.5	7.6
25 to 54 years	1,106	1,153	3.6	3.8	230	236	5.9	6.3
55 years and over	343	409	3.9	4.7	65	71	2.9	3.2

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total, 16 years and over	3,293	3,236	6.3	6.4	2,119	2,206	6.5	6.9
Married, spouse present	1,461	1,645	3.7	4.2	1,082	1,122	5.6	6.0
Widowed, divorced, or separated	254	245	8.5	9.2	355	402	5.9	6.9
Single (never married)	1,578	1,337	15.9	14.6	682	681	9.3	9.5
Total, 20 to 64 years of age	2,379	2,493	5.2	5.5	1,563	1,697	5.5	6.1
Married, spouse present	1,369	1,552	3.7	4.2	993	1,061	5.3	5.8
Widowed, divorced, or separated	246	231	9.0	9.3	322	361	6.0	7.0
Single (never married)	764	710	12.4	12.5	248	274	5.6	6.2
White, 16 years and over	2,711	2,723	5.8	5.9	1,672	1,787	5.8	6.4
Married, spouse present	1,234	1,453	3.5	4.1	903	969	5.2	5.8
Widowed, divorced, or separated	195	195	8.0	8.8	260	288	5.4	6.1
Single (never married)	1,282	1,076	14.8	13.4	508	530	7.9	8.4
White, 20 to 64 years of age	1,981	2,108	4.8	5.2	1,234	1,365	5.0	5.7
Married, spouse present	1,157	1,367	3.4	4.0	825	915	5.0	5.6
Widowed, divorced, or separated	190	174	8.6	8.8	233	254	5.4	6.2
Single (never married)	635	567	11.9	11.6	177	196	4.6	5.2
Negro and other races, 16 years and over	581	513	11.2	10.1	447	418	10.8	10.5
Married, spouse present	227	192	6.7	5.7	179	153	8.6	7.5
Widowed, divorced, or separated	59	59	10.4	10.8	94	114	8.1	10.4
Single (never married)	296	261	24.5	22.2	173	151	19.5	17.8
Negro and other races, 20 to 64 years of age	398	385	8.7	8.5	329	332	8.8	9.1
Married, spouse present	213	185	6.5	5.7	167	146	8.3	7.3
Widowed, divorced, or separated	57	57	10.8	11.2	90	107	8.5	10.4
Single (never married)	127	144	15.6	18.1	71	78	11.2	12.7

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
TOTAL	5,412	5,442	6.4	6.6	6.3	6.4	6.5	6.9
White-collar workers	1,410	1,429	3.5	3.6	2.8	2.9	4.3	4.4
Professional and technical	271	332	2.3	2.9	2.3	3.0	2.3	2.7
Managers and administrators, except farm	154	155	1.9	1.8	1.7	1.6	2.8	2.5
Sales workers	263	251	4.9	4.9	3.7	3.3	6.4	7.0
Clerical workers	721	691	4.8	4.9	4.7	5.2	4.8	4.9
Blue-collar workers	2,598	2,694	8.7	9.3	8.4	8.6	10.6	12.6
Craftsmen and kindred workers	678	657	6.1	6.2	6.2	6.2	3.7	5.8
Carpenters and other construction craftsmen	370	(2)	11.3	(2)	11.3	(2)	--	(2)
All other	308	(2)	3.9	(2)	3.9	(2)	3.8	(2)
Operatives, except transport	1,051	(2)	9.6	(2)	8.3	(2)	11.6	(2)
Transport equipment operatives	225	(2)	6.7	(2)	6.9	(2)	2.0	(2)
Nonfarm laborers	644	610	15.1	14.3	15.6	14.3	7.5	14.3
Construction laborers	246	246	25.9	29.3	26.0	29.3	5.7	(1)
All other	398	364	12.0	10.7	12.4	10.3	7.6	14.3
Service workers	742	743	6.4	6.5	7.1	7.2	6.0	6.2
Private household	59	59	3.8	3.6	1.3	(1)	3.8	3.7
All other	683	684	6.8	7.0	7.1	7.2	6.6	6.9
Farmers and farm laborers	89	102	3.4	3.8	3.0	3.4	5.2	6.4
No previous work experience	572	473	--	--	--	--	--	--
16 to 19 years	452	352	--	--	--	--	--	--
20 to 24 years	69	71	--	--	--	--	--	--
25 years and over	51	50	--	--	--	--	--	--

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

²Data 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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total	100.0	100.0	6.4	6.6	6.3	6.4	6.5	6.9
Nonagricultural private wage and salary workers	78.7	81.0	6.9	7.3	7.0	7.2	6.8	7.5
Mining .....	.3	.5	3.0	4.6	3.0	4.3	3.2	8.4
Construction	12.7	12.3	17.0	17.8	17.7	18.4	4.9	8.1
Manufacturing	26.3	30.0	7.0	7.9	5.8	6.5	9.7	11.2
Durable goods	15.5	18.6	7.0	8.3	6.4	7.2	9.4	12.4
Primary metal industries	2.0	1.1	8.3	4.6	7.5	4.3	16.8	7.3
Fabricated metal products	2.0	2.1	7.3	8.2	6.8	8.5	9.6	6.7
Machinery	2.1	2.9	5.6	7.2	5.0	6.3	8.8	12.3
Electrical equipment	2.1	3.6	5.8	9.2	4.6	6.3	7.6	13.5
Motor vehicles and equipment	1.1	1.3	5.8	6.4	5.7	5.5	6.2	12.8
All other transportation equipment	1.5	2.3	8.3	11.2	6.9	10.5	17.7	15.6
Other durable goods industries	4.7	5.2	8.1	9.8	7.6	8.6	9.6	13.5
Nondurable goods	10.8	11.4	6.9	7.3	4.8	5.3	9.9	10.3
Food and kindred products	3.2	2.5	9.3	8.0	6.9	5.6	15.3	15.0
Textile mill products .....	.9	1.4	5.3	7.4	3.9	5.6	6.8	9.3
Apparel and other finished textile products	2.4	2.8	8.7	11.0	5.0	11.9	9.6	10.8
Other nondurable goods industries	4.3	4.6	5.5	5.8	4.0	4.5	9.0	8.7
Transportation and public utilities	4.1	4.1	4.7	4.9	4.7	5.1	4.9	4.2
Railroads and railway express .....	.5	.5	4.3	4.4	4.4	4.4	1.8	3.7
Other transportation	2.4	2.7	6.1	7.4	6.5	7.8	3.8	5.3
Communication and other public utilities	1.2	.9	3.4	2.6	2.3	1.9	5.5	3.7
Wholesale and retail trade	20.2	19.3	7.3	7.3	6.7	6.3	8.0	8.7
Finance, insurance, and real estate	2.7	2.4	3.7	3.5	4.0	3.3	3.4	3.7
Service industries	12.4	12.4	5.3	5.3	5.9	5.6	5.0	5.2
Professional services	4.7	4.2	3.8	3.5	3.5	3.0	3.9	3.7
All other service industries	7.7	8.2	7.0	7.3	7.9	7.7	6.4	7.0
Agricultural wage and salary workers	2.2	2.4	11.0	12.4	10.3	11.4	14.2	17.1
All other classes of workers	8.5	7.9	2.1	2.1	2.0	2.0	2.2	2.2
No previous work experience	10.6	8.7	--	--	--	--	--	--

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Unemployment level												
Total unemployed, in thousands	5,412	5,442	2,461	2,582	1,595	1,733	1,356	1,127	4,383	4,511	1,028	931
Lost last job	2,677	2,958	1,641	1,795	705	857	331	306	2,227	2,467	451	491
Left last job	611	644	249	282	234	231	129	131	509	542	102	102
Reentered labor force	1,557	1,372	515	448	593	581	449	343	1,223	1,106	334	266
Never worked before	566	468	55	57	63	64	448	347	424	396	142	72
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	49.5	54.3	66.7	69.5	44.3	49.5	24.4	27.1	50.8	54.7	43.9	52.8
Left last job	11.3	11.8	10.1	10.9	14.6	13.3	9.5	11.6	11.6	12.0	9.9	11.0
Reentered labor force	28.8	25.2	20.9	17.3	37.2	33.5	33.1	30.5	27.9	24.5	32.5	28.6
Never worked before	10.5	8.6	2.3	2.2	4.0	3.7	33.0	30.8	9.7	8.8	13.8	7.7
Unemployment rate												
Total unemployment rate	6.4	6.6	5.1	5.5	5.4	6.0	19.0	17.0	5.8	6.1	11.0	10.2
Job-leaver rate ¹	3.1	3.6	3.4	3.8	2.4	2.9	4.7	4.6	3.0	3.4	4.8	5.4
Job-leaver rate ¹ . . . . .	.7	.8	.5	.6	.8	.8	1.8	2.0	.7	.7	1.1	1.1
Reentrant rate ¹	1.8	1.7	1.1	.9	2.0	2.0	6.3	5.2	1.6	1.5	3.6	2.9
New entrant rate ¹ . . . . .	.7	.6	.1	.1	.2	.2	6.3	5.2	.6	.5	1.5	.8

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

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

February 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	5,412	100.0	38.4	35.3	26.3	14.2	12.1
Lost last job	2,677	100.0	31.8	37.6	30.6	15.6	15.0
Left last job	611	100.0	41.3	37.1	21.5	10.9	10.6
Reentered labor force	1,557	100.0	45.6	33.0	21.5	13.0	8.5
Never worked before	566	100.0	47.0	29.0	24.0	13.8	10.2
Male, 20 years and over	2,461	100.0	31.9	38.1	30.0	16.0	14.0
Lost last job	1,641	100.0	29.2	39.0	31.8	17.1	14.7
Left last job	249	100.0	41.2	32.4	26.4	12.4	14.0
Reentered labor force	515	100.0	34.2	38.8	27.0	15.7	11.3
Never worked before	55	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,595	100.0	41.2	32.7	26.2	12.2	14.0
Lost last job	705	100.0	30.4	34.8	34.8	13.6	21.2
Left last job	234	100.0	37.8	41.2	21.0	10.3	10.7
Reentered labor force	593	100.0	54.0	27.0	19.0	11.6	7.4
Never worked before	63	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	1,356	100.0	47.1	33.3	19.6	13.1	6.5
Lost last job	331	100.0	47.4	36.0	16.6	13.0	3.6
Left last job	129	100.0	47.7	39.2	13.0	9.2	3.8
Reentered labor force	449	100.0	47.4	34.3	18.3	11.6	6.7
Never worked before	448	100.0	46.2	28.3	25.4	15.8	9.6

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total	5,412	5,442	100.0	100.0	2,068	2,192	100.0	100.0
Less than 5 weeks	2,080	2,154	38.4	39.6	691	748	33.4	34.1
5 to 14 weeks	1,909	2,108	35.3	38.7	747	909	36.1	41.5
5 to 10 weeks	1,427	1,529	26.4	28.1	517	638	25.0	29.1
11 to 14 weeks	482	579	8.9	10.6	229	271	11.1	12.4
15 weeks and over	1,422	1,179	26.3	21.7	631	535	30.5	24.4
15 to 26 weeks	766	728	14.2	13.4	322	317	15.6	14.5
27 weeks and over	656	451	12.1	8.3	309	219	14.9	10.0
Average (mean) duration	12.6	10.5	--	--	14.4	11.7	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status
February 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		Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
16 to 21 years	1,928	888	639	253	148	9.9	46.0	45.1	20.8	17.3
16 to 19 years	1,356	639	450	178	88	9.4	47.1	46.6	19.7	17.5
20 to 24 years	1,205	465	453	166	122	11.3	38.6	44.4	23.9	18.6
25 to 44 years	1,689	639	600	219	230	12.9	37.8	38.2	26.6	21.4
45 years and over	1,162	337	406	203	216	17.3	29.0	30.7	36.0	28.7
Male	3,293	1,180	1,214	497	402	13.0	35.8	35.7	27.3	23.1
16 to 21 years	1,174	534	394	158	88	10.0	45.5	40.8	21.0	19.4
16 to 19 years	832	396	276	103	57	9.3	47.6	42.8	19.3	19.7
20 to 24 years	736	261	280	120	74	11.9	35.5	40.6	26.4	19.8
25 to 44 years	1,002	327	395	146	134	13.3	32.6	33.9	27.9	22.7
45 years and over	723	196	262	128	137	17.9	27.1	27.7	36.6	29.4
Female	2,119	900	695	269	255	12.0	42.5	45.3	24.7	19.5
16 to 21 years	754	353	245	95	60	9.8	46.9	50.7	20.6	14.5
16 to 19 years	524	243	175	75	31	9.5	46.4	41.9	20.3	14.3
20 to 24 years	470	204	172	46	47	10.3	43.4	49.9	19.9	16.8
25 to 44 years	687	312	205	73	97	12.3	45.4	43.9	24.7	19.8
45 years and over	438	141	143	75	79	16.4	32.2	36.3	35.1	27.5
White: Total	4,383	1,715	1,558	608	502	12.3	39.1	40.3	25.3	21.4
Male	2,711	988	1,013	396	314	12.7	36.4	36.8	26.2	22.4
Female	1,672	727	545	212	188	11.5	43.5	45.7	23.9	20.0
Negro and other races: Total	1,028	365	351	158	154	14.0	35.5	36.0	30.3	22.8
Male	581	192	201	101	87	14.2	33.0	29.6	32.4	27.2
Female	447	173	151	56	67	13.7	38.7	43.8	27.6	17.4
Male: Married, wife present	1,461	463	551	249	198	14.0	31.7	33.5	30.7	22.2
Widowed, divorced, or separated	254	96	70	37	50	2.4	37.9	35.0	34.5	29.1
Single (never married)	1,578	621	593	211	153	11.3	39.4	38.4	23.0	23.1
Female: Married, husband present	1,082	477	353	124	128	11.7	44.0	44.3	23.3	19.3
Widowed, divorced, or separated	355	123	114	60	58	3.0	34.7	40.6	33.2	23.0
Single (never married)	682	301	228	85	68	11.2	44.1	49.9	22.4	17.8

A-16: Unemployed persons by duration, occupation, and industry of last job
February 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		Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
OCCUPATION										
White-collar workers	1,410	539	471	207	193	13.6	38.2	42.8	28.4	23.4
Professional and managerial	425	165	121	76	64	16.2	38.8	39.8	32.9	30.0
Sales workers	263	108	100	25	30	12.0	41.1	44.4	20.9	13.9
Clerical workers	721	266	250	106	100	12.7	36.9	44.4	28.5	22.1
Blue-collar workers	2,598	897	1,014	381	307	12.8	34.5	34.4	26.4	22.2
Craftsmen and kindred workers	678	227	301	93	57	11.3	33.4	32.1	22.1	21.9
Operatives, except transport	1,051	394	342	163	152	13.9	37.5	(3)	29.9	(3)
Transport equipment operatives	225	68	104	30	24	12.8	30.0	(3)	24.0	(3)
Nonfarm laborers	644	209	267	95	73	12.6	32.4	34.6	26.2	20.4
Service workers	742	339	222	87	95	11.9	45.6	40.5	24.5	21.1
INDUSTRY¹										
Agriculture	119	42	51	20	5	9.4	35.7	51.4	21.7	14.4
Construction	703	240	323	109	31	10.5	34.2	32.2	19.8	16.3
Manufacturing	1,431	469	471	238	253	15.5	32.8	35.5	34.3	26.9
Durable goods	843	249	260	160	175	17.3	29.5	33.2	39.7	30.0
Nondurable goods	588	220	211	79	77	12.9	37.5	39.2	26.6	21.9
Transportation and public utilities	240	81	99	25	35	12.9	33.7	35.7	25.1	19.1
Wholesale and retail trade	1,103	471	388	122	122	11.3	42.7	43.5	22.1	19.7
Finance and service industries	1,018	415	326	136	140	13.1	40.8	40.4	27.1	22.8
Public administration	123	47	48	21	7	10.9	37.8	39.6	23.1	22.6
No previous work experience	572	271	165	79	58	10.8	47.3	54.0	24.0	16.5

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
All industries	79,366	77,262	48,755	47,686	30,611	29,575
16 to 19 years	5,761	5,492	3,090	2,988	2,671	2,504
16 to 17 years	2,279	2,255	1,258	1,279	1,021	976
18 and 19 years	3,482	3,237	1,832	1,709	1,650	1,529
20 to 24 years	10,263	9,524	5,585	5,085	4,678	4,439
25 to 54 years	49,461	48,428	31,374	30,929	18,087	17,498
25 to 34 years	17,353	16,355	11,354	10,905	5,999	5,449
35 to 44 years	15,723	15,712	9,955	9,945	5,768	5,767
45 to 54 years	16,385	16,361	10,064	10,079	6,320	6,282
55 to 64 years	10,940	10,918	6,812	6,788	4,128	4,129
65 to 69 years	6,522	6,512	4,034	4,017	2,488	2,495
70 to 74 years	4,417	4,406	2,777	2,771	1,640	1,634
75 years and over	2,942	2,901	1,895	1,896	1,047	1,005
Nonagricultural industries	76,458	74,415	46,302	45,262	30,156	29,153
16 to 19 years	5,514	5,227	2,880	2,758	2,634	2,468
16 and 17 years	2,142	2,100	1,137	1,149	1,005	951
18 and 19 years	3,372	3,126	1,743	1,609	1,629	1,518
20 to 24 years	10,045	9,353	5,393	4,938	4,651	4,415
25 to 54 years	47,974	46,927	30,165	29,692	17,809	17,235
25 to 34 years	16,935	15,965	11,004	10,586	5,931	5,379
35 to 44 years	15,237	15,213	9,572	9,534	5,665	5,679
45 to 54 years	15,802	15,749	9,589	9,572	6,213	6,177
55 to 64 years	10,356	10,368	6,308	6,314	4,048	4,054
65 to 69 years	6,223	6,231	3,792	3,775	2,431	2,456
70 to 74 years	4,133	4,138	2,516	2,539	1,616	1,599
75 years and over	2,569	2,540	1,555	1,560	1,014	980
Agriculture	2,909	2,846	2,453	2,424	455	422
16 to 19 years	247	265	210	229	37	36
16 and 17 years	137	154	121	129	16	25
18 and 19 years	110	111	89	100	21	11
20 to 24 years	218	171	192	147	27	24
25 to 54 years	1,486	1,499	1,208	1,237	278	263
25 to 34 years	417	389	350	319	68	70
35 to 44 years	487	498	383	411	103	88
45 to 54 years	582	612	475	507	107	105
55 to 64 years	584	549	503	474	80	75
65 to 69 years	299	281	243	242	57	40
70 to 74 years	284	268	261	233	24	35
75 years and over	374	361	340	336	34	24

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	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total	79,366	77,262	45,665	44,698	27,940	27,071	3,090	2,988	2,671	2,504
White-collar workers	38,847	37,821	19,437	19,195	17,357	16,637	625	647	1,428	1,342
Professional and technical	11,459	11,147	6,833	6,542	4,451	4,430	89	101	86	73
Health workers	1,820	1,770	702	642	1,105	1,111	3	5	11	11
Teachers, except college	3,051	2,885	934	824	2,083	2,031	7	5	28	25
Other professional and technical	6,588	6,493	5,197	5,075	1,263	1,289	79	91	47	37
Managers and administrators, except farm ..	7,977	8,496	6,564	7,035	1,352	1,413	41	33	19	14
Salaried workers	6,169	6,356	5,123	5,276	991	1,035	38	32	18	14
Self-employed workers in retail trade ...	990	1,081	746	829	242	252	2	--	--	1
Self-employed workers, except retail trade	818	1,058	695	930	120	126	1	2	1	--
Sales workers	5,157	4,885	2,831	2,600	1,807	1,756	223	243	297	286
Retail trade	2,955	2,855	994	893	1,517	1,512	162	177	283	273
Other industries	2,202	2,030	1,837	1,706	290	245	61	66	14	13
Clerical workers	14,253	13,292	3,209	3,018	9,747	9,037	272	270	1,026	968
Stenographers, typists, and secretaries ...	4,005	3,573	59	50	3,630	3,228	4	--	312	295
Other clerical workers	10,248	9,720	3,150	2,969	6,117	5,808	268	269	714	673
Blue-collar workers	27,124	26,267	20,912	20,121	4,368	4,368	1,587	1,537	257	242
Craftsmen and kindred workers	10,490	9,910	9,836	9,263	403	393	236	236	15	18
Carpenters	927	819	909	780	--	11	18	28	1	1
Construction craftsmen, except carpenters	1,976	(1)	1,908	(1)	9	(1)	58	(1)	2	(1)
Mechanics and repairmen	2,816	2,379	2,697	2,275	37	28	81	76	1	1
Metal craftsmen	1,160	1,226	1,119	1,181	16	22	25	23	--	--
Foremen, not elsewhere classified	1,390	1,416	1,275	1,307	112	103	3	6	--	--
All other	2,221	(1)	1,928	(1)	229	(1)	51	(1)	11	(1)
Operatives, except transport	9,876	(1)	5,479	(1)	3,658	(1)	523	(1)	215	(1)
Durable goods manufacturing	4,275	(1)	2,834	(1)	1,234	(1)	136	(1)	72	(1)
Nondurable goods manufacturing	3,387	(1)	1,331	(1)	1,858	(1)	96	(1)	102	(1)
Other industries	2,214	(1)	1,314	(1)	566	(1)	291	(1)	41	(1)
Transport equipment operatives	3,147	(1)	2,894	(1)	120	(1)	131	(1)	2	(1)
Drivers and deliverymen	2,716	2,414	2,485	2,170	119	127	110	110	2	6
All other	432	(1)	409	(1)	2	(1)	21	(1)	--	(1)
Nonfarm laborers	3,611	3,645	2,701	2,743	187	201	698	657	25	44
Construction	704	595	611	519	2	--	90	76	--	1
Manufacturing	947	1,046	771	861	72	67	103	109	1	9
Other industries	1,960	2,004	1,319	1,362	112	134	505	472	23	35
Service workers	10,822	10,626	3,313	3,379	5,872	5,753	684	600	954	894
Private household workers	1,515	1,580	17	21	1,130	1,212	7	15	361	332
Service workers, except private household ...	9,307	9,047	3,295	3,358	4,742	4,541	677	586	592	562
Food service workers	3,198	(1)	616	(1)	1,837	(1)	347	(1)	398	(1)
Protective service workers	1,053	1,003	983	939	59	58	9	5	2	--
All other	5,056	(1)	1,696	(1)	2,846	(1)	321	(1)	192	(1)
Farm workers	2,575	2,547	2,004	2,003	344	313	195	203	33	27
Farmers and farm managers ...	1,558	1,547	1,476	1,463	71	70	10	13	--	1
Farm laborers and foremen	1,017	1,000	528	540	272	243	185	190	32	26
Paid workers	681	685	478	495	71	70	110	111	22	9
Unpaid family workers	336	315	50	46	202	173	74	80	10	17

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.

A-19: Employed persons by major occupational group, sex, and color

(Percent distribution)

Occupational group and color	Total		Male		Female	
	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total						
Total employed (thousands)	79,366	77,262	48,755	47,686	30,611	29,575
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.9	49.0	41.1	41.6	61.4	60.8
Professional and technical	14.4	14.4	14.2	13.9	14.8	15.2
Managers and administrators, except farm	10.1	11.0	13.5	14.8	4.5	4.8
Sales workers	6.5	6.3	6.3	6.0	6.9	6.9
Clerical workers	18.0	17.2	7.1	6.9	35.2	33.8
Blue-collar workers	34.2	34.0	46.1	45.4	15.1	15.6
Craftsmen and kindred workers	13.2	12.8	20.7	19.9	1.4	1.4
Operatives, except transport	12.4	(1)	12.3	(1)	12.7	(1)
Transport equipment operatives	4.0	(1)	6.2	(1)	.4	(1)
Nonfarm laborers	4.5	4.7	7.0	7.1	.7	.8
Service workers	13.6	13.8	8.2	8.3	22.3	22.5
Private household workers	1.9	2.0	--	.1	4.9	5.2
Other service workers	11.7	11.7	8.1	8.3	17.4	17.3
Farm workers	3.2	3.3	4.5	4.6	1.2	1.1
Farmers and farm managers	2.0	2.0	3.0	3.1	.2	.2
Farm laborers and foremen	1.3	1.3	1.5	1.5	1.0	.9
White						
Total employed (thousands)	71,079	69,108	44,164	43,108	26,915	26,000
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.1	51.3	43.0	43.7	64.4	64.1
Professional and technical	15.0	15.1	14.8	14.6	15.4	15.8
Managers and administrators, except farm	10.8	11.8	14.4	15.8	4.8	5.2
Sales workers	7.0	6.8	6.7	6.4	7.4	7.5
Clerical workers	18.3	17.6	7.1	6.8	36.8	35.5
Blue-collar workers	33.6	33.3	45.0	44.1	15.0	15.3
Craftsmen and kindred workers	13.8	13.5	21.3	20.7	1.5	1.4
Operatives, except transport	12.1	(1)	11.9	(1)	12.5	(1)
Transport equipment operatives	3.8	(1)	5.8	(1)	.4	(1)
Nonfarm laborers	3.9	4.1	6.0	6.0	.6	.8
Service workers	11.9	12.0	7.4	7.6	19.3	19.4
Private household workers	1.3	1.4	--	.1	3.3	3.6
Other service workers	10.7	10.7	7.4	7.6	16.0	15.9
Farm workers	3.3	3.3	4.6	4.6	1.3	1.2
Farm and farm managers	2.1	2.2	3.2	3.3	.3	.3
Farm laborers and foremen	1.2	1.2	1.3	1.3	1.1	.9
Negro and other races						
Total employed (thousands)	8,288	8,154	4,592	4,579	3,696	3,575
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	30.2	28.7	22.9	22.3	39.3	36.9
Professional and technical	9.4	9.1	8.2	7.5	11.0	11.0
Managers and administrators, except farm	3.7	4.0	5.0	5.6	2.1	2.0
Sales workers	2.4	2.0	1.8	1.6	3.1	2.5
Clerical workers	14.7	13.6	8.0	7.6	23.1	21.4
Blue-collar workers	39.0	39.9	57.5	57.5	16.0	17.3
Craftsmen and kindred workers	8.3	7.5	14.4	12.6	.7	1.0
Operatives, except transport	15.4	(1)	16.5	(1)	14.0	(1)
Transport equipment operatives	5.6	(1)	9.8	(1)	.3	(1)
Nonfarm laborers	9.8	10.3	16.8	17.6	1.1	.8
Service workers	28.3	28.2	15.5	15.3	44.3	44.8
Private household workers	7.4	7.8	.2	.3	16.5	17.4
Other service workers	20.9	20.4	15.3	15.0	27.8	27.4
Farm workers	2.5	3.2	4.1	4.9	.5	1.0
Farm and farm managers .....	.7	.7	1.2	1.2	.1	.1
Farm laborers and foremen	1.8	2.4	2.9	3.6	.4	.9

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.

A-20: Employed persons by class of worker, sex, and age
 February 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	70,566	1,643	13,403	55,521	5,416	475	964	1,600	345
16 to 19 years.....	5,398	402	468	4,528	86	30	151	11	85
16 and 17 years.....	2,063	292	142	1,630	59	20	76	4	57
18 and 19 years.....	3,335	110	326	2,899	27	10	75	7	28
20 to 24 years.....	9,835	105	1,738	7,992	200	9	128	55	36
25 to 34 years.....	16,004	142	3,084	12,779	858	73	198	180	40
35 to 44 years.....	13,902	195	2,818	10,889	1,228	108	141	279	67
45 to 54 years.....	14,268	272	3,007	10,989	1,390	145	154	364	64
55 to 64 years.....	9,153	325	1,930	6,898	1,126	77	135	410	39
55 to 59 years.....	5,526	168	1,196	4,162	642	54	75	195	29
60 to 64 years.....	3,627	157	734	2,735	484	22	59	215	10
65 years and over.....	2,005	202	357	1,447	529	35	58	301	15
Male	42,263	126	7,158	34,979	3,996	43	812	1,518	123
16 to 19 years.....	2,810	47	221	2,542	49	21	125	11	74
16 and 17 years.....	1,091	31	73	987	34	12	67	4	51
18 and 19 years.....	1,719	15	148	1,555	15	9	58	7	24
20 to 24 years.....	5,274	10	715	4,548	118	2	110	55	26
25 to 34 years.....	10,392	3	1,748	8,640	606	7	168	171	10
35 to 44 years.....	8,595	7	1,568	7,021	976	2	118	262	3
45 to 54 years.....	8,547	9	1,654	6,884	1,043	--	126	347	2
55 to 64 years.....	5,471	25	1,048	4,397	833	4	116	384	3
55 to 59 years.....	3,306	7	641	2,659	482	3	62	179	2
60 to 64 years.....	2,165	19	408	1,738	351	1	54	205	1
65 years and over.....	1,175	25	204	946	373	7	48	287	5
Female	28,304	1,517	6,244	20,542	1,420	432	152	82	222
16 to 19 years.....	2,588	355	247	1,986	36	9	26	--	11
16 and 17 years.....	972	260	69	642	24	9	9	--	6
18 and 19 years.....	1,616	95	178	1,344	12	1	16	--	5
20 to 24 years.....	4,561	95	1,023	3,444	83	7	17	--	9
25 to 34 years.....	5,613	139	1,336	4,138	253	65	30	8	30
35 to 44 years.....	5,307	189	1,250	3,868	252	106	22	17	64
45 to 54 years.....	5,721	263	1,353	4,105	347	145	28	17	62
55 to 64 years.....	3,683	300	882	2,501	293	72	19	26	36
55 to 59 years.....	2,220	161	555	1,504	160	51	14	15	27
60 to 64 years.....	1,463	139	327	997	133	21	5	10	8
65 years and over.....	830	177	153	500	156	27	10	13	10

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					
	Feb. 1972	Feb. 1971	Total		Wage and salary workers ¹			
			Feb. 1972	Feb. 1971	Paid absence ²		Unpaid absence ²	
					Feb. 1972	Feb. 1971	Feb. 1972	Feb. 1971
Total	3,460	3,280	3,275	3,105	1,109	964	1,640	1,684
Vacation	669	672	653	653	420	406	135	169
Illness	1,718	1,419	1,661	1,370	575	453	868	805
Bad weather	316	356	249	290	--	--	--	--
Industrial dispute	107	61	107	61	--	--	--	--
All other reasons	650	773	605	732	114	106	637	710
Male	2,117	1,937	1,946	1,773	737	617	888	873
Vacation	469	419	454	401	304	281	78	68
Illness	939	814	893	768	369	279	414	431
All other reasons	709	704	599	604	64	57	396	373
Female	1,344	1,343	1,329	1,332	373	349	752	813
Vacation	200	253	199	252	117	126	57	101
Illness	779	605	768	602	207	174	454	374
All other reasons	365	485	362	478	50	49	242	337

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

February 1972

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	75,906	73,183	2,723	100.0	100.0	100.0
1-34 hours	18,409	17,360	1,050	24.3	23.7	38.6
1-4 hours	841	799	42	1.1	1.1	1.5
5-14 hours	4,020	3,755	265	5.3	5.1	9.7
15-29 hours	8,859	8,304	555	11.7	11.3	20.4
30-34 hours	4,689	4,502	188	6.2	6.2	6.9
35 hours and over	57,496	55,822	1,673	75.7	76.3	61.4
35-39 hours	5,304	5,142	162	7.0	7.0	5.9
40 hours	31,606	31,318	288	41.6	42.8	10.6
41 hours and over	20,586	19,362	1,223	27.1	26.5	44.9
41 to 48 hours	8,672	8,481	190	11.4	11.6	7.0
49 to 59 hours	6,742	6,324	418	8.9	8.6	15.4
60 hours and over	5,172	4,557	615	6.8	6.2	22.6
Average hours, total at work	38.6	38.5	41.4	--	--	--
Average hours, workers on full-time schedules	43.1	42.8	51.0	--	--	--

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

February 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.....	18,409	5,956	12,454	17,360	5,551	11,809
Economic reasons.....	2,473	1,306	1,167	2,234	1,147	1,087
Slack work.....	1,451	1,053	398	1,253	899	354
Material shortages or repairs to plant and equipment.....	53	53	--	53	53	--
New job started during week.....	140	140	--	136	136	--
Job terminated during week.....	60	60	--	58	58	--
Could find only part-time work.....	770	--	770	733	--	733
Other reasons.....	15,936	4,650	11,286	15,126	4,404	10,722
Does not want, or unavailable for, full-time work.....	9,083	--	9,083	8,674	--	8,674
Vacation.....	267	267	--	265	265	--
Illness.....	2,297	2,064	233	2,211	2,021	190
Bad weather.....	716	716	--	550	550	--
Industrial dispute.....	14	14	--	14	14	--
Legal or religious holiday.....	492	492	--	489	489	--
Full time for this job.....	1,492	--	1,492	1,445	--	1,445
All other reasons.....	1,575	1,097	478	1,477	1,065	412
Average hours:						
Economic reasons.....	21.4	24.0	18.5	21.7	24.4	18.8
Other reasons.....	20.0	25.8	17.6	20.0	26.0	17.6
Worked 30 to 34 hours:						
Economic reasons.....	750	555	195	695	506	189
Other reasons.....	3,939	2,324	1,615	3,807	2,258	1,549

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

February 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	3.1	14.7	82.3	55.8	11.6	14.9	38.5	42.8
Wage and salary workers.....	100.0	2.9	14.3	82.7	57.9	11.7	13.1	38.2	42.3
Construction.....	100.0	5.6	4.8	89.7	69.4	10.3	10.0	37.8	39.7
Manufacturing.....	100.0	2.7	3.0	94.4	67.4	15.1	11.9	40.7	41.8
Durable goods.....	100.0	1.8	1.9	96.3	69.8	14.8	11.7	41.1	41.7
Nondurable goods.....	100.0	3.9	4.4	91.7	64.1	15.5	12.1	40.1	41.9
Transportation and public utilities.....	100.0	2.7	6.6	90.7	63.7	11.8	15.2	40.8	43.0
Wholesale and retail trade.....	100.0	3.8	25.4	70.8	42.1	13.1	15.6	36.5	43.8
Finance, insurance, and real estate.....	100.0	1.0	10.9	88.2	66.4	9.0	12.8	38.9	41.6
Service industries.....	100.0	3.0	24.4	72.6	51.2	8.6	12.8	35.5	42.5
Private households.....	100.0	10.5	57.3	32.2	20.6	3.6	8.0	23.4	45.1
All other service.....	100.0	2.3	21.4	76.4	54.0	9.1	13.3	36.6	42.4
Public administration.....	100.0	.7	5.7	93.6	72.8	9.1	11.7	40.4	41.8
Self-employed workers.....	100.0	5.0	16.0	79.0	30.2	10.8	38.0	42.9	50.0
Unpaid family workers.....	100.0	2.5	44.4	53.1	24.6	7.2	21.3	36.4	48.1

^{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
February 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.....	73,183	2,234	10,722	60,227	40,865	19,362	38.5	42.8
16 to 21 years	8,856	413	3,912	4,531	3,573	958	28.2	40.1
16 to 19 years	5,338	275	3,124	1,939	1,533	406	24.1	39.7
16 and 17 years	2,082	59	1,808	215	173	42	16.2	37.2
18 and 19 years	3,256	217	1,316	1,723	1,358	365	29.2	40.0
20 years and over	67,845	1,959	7,598	58,288	39,332	18,956	39.6	42.9
20 to 24 years	9,768	372	1,497	7,899	5,896	2,003	36.9	41.3
25 years and over	58,077	1,586	6,102	50,389	33,437	16,952	40.0	43.2
25 to 44 years	31,014	825	2,848	27,341	17,819	9,522	40.5	43.3
45 to 64 years	24,714	667	2,283	21,764	14,790	6,974	40.3	43.0
65 years and over	2,348	94	970	1,284	828	456	31.1	43.7
Males, 16 years and over	44,356	1,066	3,461	39,829	24,238	15,591	41.5	44.1
16 to 21 years	4,560	184	1,977	2,399	1,712	687	29.4	41.2
16 to 19 years	2,789	118	1,613	1,058	755	303	25.5	40.8
16 and 17 years	1,111	33	928	150	117	33	17.9	37.9
18 and 19 years	1,678	85	685	908	638	270	30.5	41.3
20 years and over	41,567	948	1,848	38,771	23,483	15,288	42.6	44.2
20 to 24 years	5,246	216	672	4,358	2,904	1,454	36.4	42.6
25 years and over	36,321	732	1,176	34,413	20,580	13,833	43.2	44.4
25 to 44 years	19,891	377	338	19,176	11,184	7,992	43.9	44.7
45 to 64 years	15,023	314	335	14,374	8,841	5,533	43.3	44.2
65 years and over	1,407	40	503	864	556	308	32.5	43.4
Females, 16 years and over	28,827	1,168	7,261	20,398	16,626	3,772	33.8	40.3
16 to 21 years	4,296	229	1,934	2,133	1,863	270	26.9	38.9
16 to 19 years	2,549	158	1,511	880	777	103	22.6	38.4
16 and 17 years	970	26	880	64	54	10	14.2	35.8
18 and 19 years	1,578	133	631	814	720	94	27.7	38.6
20 years and over	26,278	1,011	5,750	19,517	15,849	3,668	34.9	40.3
20 to 24 years	4,523	156	825	3,542	2,993	549	35.1	39.7
25 years and over	21,755	854	4,926	15,975	12,856	3,119	34.9	40.5
25 to 44 years	11,123	447	2,510	8,166	6,636	1,530	34.6	40.1
45 to 64 years	9,691	353	1,948	7,390	5,949	1,441	35.8	40.7
65 years and over	941	54	467	420	272	148	29.0	44.3
COLOR								
White	65,543	1,820	9,741	53,982	35,917	18,065	38.7	43.1
Male	40,202	910	3,173	36,119	21,480	14,639	41.7	44.4
Female	25,341	909	6,568	17,864	14,438	3,426	33.8	40.3
Negro and other races	7,639	414	981	6,244	4,947	1,297	36.8	40.7
Male	4,154	156	288	3,710	2,759	951	39.0	41.5
Female	3,485	259	693	2,533	2,187	346	34.1	39.6
MARITAL STATUS								
Male:								
Married, wife present	34,321	670	1,052	32,599	19,224	13,375	43.3	44.5
Widowed, divorced, or separated	2,457	81	161	2,215	1,440	775	41.2	43.6
Single (never married)	7,578	314	2,249	5,015	3,573	1,442	33.5	42.1
Female:								
Married, husband present	17,088	654	4,297	12,137	9,973	2,164	34.1	40.0
Widowed, divorced, or separated	5,319	245	896	4,178	3,298	880	36.3	40.8
Single (never married)	6,420	270	2,068	4,082	3,354	728	31.3	40.4

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
February 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	3.1	14.7	82.3	55.8	26.5
16 to 21 years.....	100.0	4.7	44.2	51.2	40.3	10.8
16 to 19 years.....	100.0	5.2	58.5	36.3	28.7	7.6
16 and 17 years.....	100.0	2.8	86.8	10.3	8.3	2.0
18 and 19 years.....	100.0	6.7	40.4	52.9	41.7	11.2
20 years and over.....	100.0	2.9	11.2	85.9	58.0	27.9
20 to 24 years.....	100.0	3.8	15.3	80.9	60.4	20.5
25 years and over.....	100.0	2.7	10.5	86.8	57.6	29.2
25 to 44 years.....	100.0	2.7	9.2	88.2	57.5	30.7
45 to 64 years.....	100.0	2.7	9.2	88.1	59.8	28.2
65 years and over.....	100.0	4.0	41.3	54.7	35.3	19.4
Males, 16 years and over	100.0	2.4	7.8	89.8	54.6	35.1
16 to 21 years.....	100.0	4.0	43.4	52.6	37.5	15.1
16 to 19 years.....	100.0	4.2	57.8	37.9	27.1	10.9
16 and 17 years.....	100.0	3.0	83.5	13.5	10.5	3.0
18 and 19 years.....	100.0	5.1	40.8	54.1	38.0	16.1
20 years and over.....	100.0	2.2	4.4	93.3	56.5	36.8
20 to 24 years.....	100.0	4.1	12.8	83.1	55.4	27.7
25 years and over.....	100.0	2.0	3.2	94.7	56.7	38.1
25 to 44 years.....	100.0	1.9	1.7	96.4	56.2	40.2
45 to 64 years.....	100.0	2.1	2.2	95.7	58.8	36.8
65 years and over.....	100.0	2.8	35.7	61.4	39.5	21.9
Females, 16 years and over	100.0	4.1	25.2	70.8	57.7	13.1
16 to 21 years.....	100.0	5.3	45.0	49.7	43.4	6.3
16 to 19 years.....	100.0	6.2	59.3	34.5	30.5	4.0
16 and 17 years.....	100.0	2.7	90.7	6.6	5.6	1.0
18 and 19 years.....	100.0	8.4	40.0	51.6	45.6	6.0
20 years and over.....	100.0	3.8	21.9	74.3	60.3	14.0
20 to 24 years.....	100.0	3.4	18.2	78.3	66.2	12.1
25 years and over.....	100.0	3.9	22.6	73.4	59.1	14.3
25 to 44 years.....	100.0	4.0	22.6	73.4	59.7	13.8
45 to 64 years.....	100.0	3.6	20.1	76.3	61.4	14.9
65 years and over.....	100.0	5.7	49.6	44.6	28.9	15.7
COLOR						
White	100.0	2.8	14.9	82.4	54.8	27.6
Male.....	100.0	2.3	7.9	89.8	53.4	36.4
Female.....	100.0	3.6	25.9	70.5	57.0	13.5
Negro and other races	100.0	5.4	12.8	81.7	64.8	17.0
Male.....	100.0	3.8	6.9	89.3	66.4	22.9
Female.....	100.0	7.4	19.9	72.7	62.8	9.9
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	2.0	3.1	95.0	56.0	39.0
Widowed, divorced, or separated.....	100.0	3.3	6.6	90.2	58.6	31.5
Single (never married).....	100.0	4.1	29.7	66.2	47.1	19.0
Female:						
Married, husband present.....	100.0	3.8	25.1	71.0	58.4	12.7
Widowed, divorced, or separated.....	100.0	4.6	16.8	78.5	62.0	16.5
Single (never married).....	100.0	4.2	32.2	63.6	52.2	11.3

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex
February 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	37,511	581	5,585	31,345	20,600	3,994	6,751	39.4	43.5
Professional and technical	11,146	123	1,388	9,635	6,081	1,330	2,224	40.1	43.7
Managers and administrators, except farm	7,634	62	334	7,238	3,186	1,136	2,916	46.8	48.3
Sales workers	4,921	142	1,300	3,479	1,992	533	954	36.8	44.4
Clerical workers	13,810	252	2,562	10,996	9,342	995	659	35.6	39.9
Blue-collar workers	25,625	1,126	1,738	22,761	15,854	3,685	3,222	39.5	41.9
Craftsmen and kindred workers	9,887	322	281	9,284	6,267	1,572	1,445	41.0	42.3
Operatives, except transport	9,379	469	535	8,375	6,249	1,342	784	39.0	41.1
Transport equipment operatives	2,991	135	271	2,585	1,415	451	719	41.6	45.1
Nonfarm laborers	3,369	199	650	2,520	1,929	319	272	34.5	40.3
Service workers	10,359	568	3,450	6,341	4,520	825	996	32.7	42.8
Private household	1,445	146	837	462	301	53	108	23.2	44.5
Other service workers	8,913	422	2,613	5,878	4,219	772	887	34.3	42.6
MALE									
White-collar workers	19,432	212	1,340	17,880	9,588	2,674	5,618	43.7	46.0
Professional and technical	6,741	66	436	6,239	3,685	822	1,732	42.9	45.0
Managers and administrators, except farm	6,343	37	164	6,142	2,503	1,004	2,635	47.9	48.9
Sales workers	2,963	49	365	2,549	1,258	432	859	41.9	45.9
Clerical workers	3,384	59	376	2,949	2,143	415	391	39.1	42.1
Blue-collar workers	21,305	785	1,318	19,202	12,866	3,256	3,080	40.1	42.4
Craftsmen and kindred workers	9,507	307	238	8,962	6,008	1,528	1,426	41.1	42.3
Operatives, except transport	5,754	171	298	5,285	3,635	976	674	40.4	42.1
Transport equipment operatives	2,873	131	187	2,555	1,393	446	716	42.3	45.2
Nonfarm laborers	3,172	175	596	2,401	1,830	306	265	34.7	40.4
Service workers	3,852	97	822	2,933	1,871	451	611	37.8	44.4
Private household	22	6	11	5	3	--	2	20.0	36.4
Other service workers	3,830	91	812	2,927	1,868	451	608	37.9	44.4
FEMALE									
White-collar workers	18,079	369	4,245	13,465	11,012	1,320	1,133	34.7	40.2
Professional and technical	4,405	57	955	3,395	2,396	507	492	35.7	41.2
Managers and administrators, except farm	1,291	25	170	1,096	686	131	279	41.4	45.2
Sales workers	1,957	93	935	929	733	101	95	29.0	40.3
Clerical workers	10,426	193	2,186	8,047	7,199	580	268	34.5	39.1
Blue-collar workers	4,320	341	420	3,559	2,990	428	141	36.3	39.4
Craftsmen and kindred workers	380	15	43	322	259	44	19	37.1	39.8
Operatives, except transport	3,625	297	238	3,090	2,613	366	111	36.8	39.3
Transport equipment operatives	118	4	85	29	21	5	3	23.7	39.5
Nonfarm laborers	196	24	55	117	97	13	7	31.4	40.0
Service workers	6,507	471	2,628	3,408	2,649	374	385	29.7	41.3
Private household	1,423	139	827	457	297	54	106	23.2	44.6
Other service workers	5,084	331	1,801	2,952	2,353	320	279	31.6	40.8

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

February 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	1.5	14.9	83.5	54.9	10.6	18.0
Professional and technical	100.0	1.1	12.5	86.5	54.6	11.9	20.0
Managers and administrators, except farm	100.0	.8	4.4	94.8	41.7	14.9	38.2
Sales workers	100.0	2.9	26.4	70.7	40.5	10.8	19.4
Clerical workers	100.0	1.8	18.6	79.6	67.6	7.2	4.8
Blue-collar workers	100.0	4.4	6.8	88.9	61.9	14.4	12.6
Craftsmen and kindred workers	100.0	3.3	2.8	93.9	63.4	15.9	14.6
Operatives, except transport	100.0	5.0	5.7	89.3	66.6	14.3	8.4
Transport equipment operatives	100.0	4.5	9.1	86.4	47.3	15.1	24.0
Nonfarm laborers	100.0	5.9	19.3	74.8	57.3	9.5	8.1
Service workers	100.0	5.5	33.3	61.2	43.6	8.0	9.6
Private household	100.0	10.1	57.9	32.0	20.8	3.7	7.5
Other service workers	100.0	4.7	29.3	66.0	47.3	8.7	10.0
MALE							
White-collar workers	100.0	1.1	6.9	92.0	49.3	13.8	28.9
Professional and technical	100.0	1.0	6.5	92.6	54.7	12.2	25.7
Managers and administrators, except farm	100.0	.6	2.6	96.8	39.5	15.8	41.5
Sales workers	100.0	1.7	12.3	86.1	42.5	14.6	29.0
Clerical workers	100.0	1.7	11.1	87.2	63.3	12.3	11.6
Blue-collar workers	100.0	3.7	6.2	90.2	60.4	15.3	14.5
Craftsmen and kindred workers	100.0	3.2	2.5	94.3	63.2	16.1	15.0
Operatives, except transport	100.0	3.0	5.2	91.9	63.2	17.0	11.7
Transport equipment operatives	100.0	4.6	6.5	88.9	48.5	15.5	24.9
Nonfarm laborers	100.0	5.5	18.8	75.7	57.7	9.6	8.4
Service workers	100.0	2.5	21.3	76.2	48.6	11.7	15.9
Private household	100.0	27.3	50.0	22.7	13.6	--	9.1
Other service workers	100.0	2.4	21.2	76.5	48.8	11.8	15.9
FEMALE							
White-collar workers	100.0	2.0	23.5	74.5	60.9	7.3	6.3
Professional and technical	100.0	1.3	21.6	77.1	54.4	11.5	11.2
Managers and administrators, except farm	100.0	1.9	13.2	84.8	53.1	10.1	21.6
Sales workers	100.0	4.8	47.8	47.6	37.5	5.2	4.9
Clerical workers	100.0	1.9	21.0	77.2	69.0	5.6	2.6
Blue-collar workers	100.0	7.9	9.7	82.4	69.2	9.9	3.3
Craftsmen and kindred workers	100.0	3.9	11.3	84.8	68.2	11.6	5.0
Operatives, except transport	100.0	8.2	6.6	85.3	72.1	10.1	3.1
Transport equipment operatives	100.0	3.4	72.0	24.5	17.8	4.2	2.5
Nonfarm laborers	100.0	12.2	28.1	59.7	49.5	6.6	3.6
Service workers	100.0	7.2	40.4	52.3	40.7	5.7	5.9
Private household	100.0	9.8	58.1	32.1	20.9	3.8	7.4
Other service workers	100.0	6.5	35.4	58.1	46.3	6.3	5.5

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

February 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	8,251	4,194	4,057	7,057	3,599	3,459	1,193	595	598
Civilian labor force	1,167	641	526	1,081	583	498	86	58	28
Employed	1,064	572	492	1,010	536	474	54	36	18
Agriculture	107	94	13	102	89	13	5	5	--
Nonagricultural industries	957	478	479	908	447	461	49	31	18
Unemployed	103	69	34	71	47	24	32	22	10
Not in labor force	7,084	3,553	3,531	5,976	3,015	2,961	1,108	538	570
Keeping house	64	7	57	56	5	51	8	1	6
Going to school	6,943	3,498	3,445	5,859	2,973	2,885	1,084	524	560
Unable to work	6	4	1	6	4	1	--	--	--
All other reasons	72	45	27	56	33	23	16	12	4

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

February 1972

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total	1,064	572	492	100.0	100.0	100.0
Nonagricultural industries	957	478	479	89.9	83.5	97.2
Wage and salary workers	853	390	463	80.2	68.1	93.9
Private household workers	424	71	353	39.9	12.4	71.6
Government workers	47	26	21	4.4	4.6	4.3
Other wage and salary workers	381	292	89	35.8	51.1	18.1
Self-employed workers	95	80	15	8.9	14.0	3.0
Unpaid family workers	9	8	1	.8	1.4	.2
Agriculture	107	94	13	10.1	16.5	2.8
Wage and salary workers	41	38	4	3.9	6.7	.8
Self-employed workers	1	1	--	.1	.2	--
Unpaid family workers	65	55	10	6.1	9.6	2.0
OCCUPATION						
Total	1,064	572	492	100.0	100.0	100.0
White-collar workers	280	229	52	26.2	40.0	10.4
Professional and technical	13	7	6	1.2	1.2	1.2
Managers and administrators, except farm	3	2	1	.3	.3	.2
Sales workers	217	205	13	20.4	35.8	2.6
Clerical workers	46	15	31	4.3	2.6	6.3
Blue-collar workers	125	115	10	11.8	20.1	2.0
Craftsmen and kindred workers	8	7	1	.8	1.2	.2
Operatives, except transport	30	24	6	2.8	4.2	1.2
Transport equipment operatives	1	1	--	.1	.2	--
Nonfarm laborers	87	83	3	8.2	14.5	.6
Service workers	556	139	417	52.3	24.3	85.0
Private household workers	393	41	353	36.9	7.2	71.7
Other service workers	163	98	65	15.3	17.1	13.2
Farm workers	103	90	13	9.7	15.7	2.6
Farmers and farm managers	2	2	--	.2	.3	--
Farm laborers and foremen	101	88	13	9.5	15.4	2.6

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							
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Total													
Total labor force	88,075	88,301	87,883	87,812	87,467	87,240	87,088	86,727	86,217	86,836	86,670	86,385	86,311
Civilian labor force	85,535	85,707	85,225	85,116	84,750	84,491	84,313	83,930	83,401	83,986	83,788	83,455	83,361
Employed	80,623	80,636	80,098	80,020	79,832	79,451	79,199	79,014	78,600	78,830	78,732	78,446	78,475
Agriculture	3,357	3,393	3,400	3,419	3,416	3,363	3,407	3,374	3,301	3,412	3,540	3,387	3,285
Nonagricultural industries	77,266	77,243	76,698	76,601	76,416	76,088	75,792	75,640	75,299	75,418	75,192	75,059	75,190
On part time for economic reasons	2,303	2,429	2,388	2,604	2,502	2,311	2,425	2,438	2,200	2,495	2,504	2,474	2,460
Usually work full time	1,127	1,146	1,084	1,263	1,148	1,076	1,147	1,148	991	1,219	1,299	1,265	1,245
Usually work part time	1,176	1,283	1,304	1,361	1,354	1,235	1,278	1,290	1,209	1,276	1,205	1,209	1,215
Unemployed	4,912	5,071	5,127	5,096	4,918	5,040	5,114	4,916	4,801	5,156	5,056	5,009	4,886
Men, 20 years and over													
Total labor force	50,373	50,814	50,463	50,527	50,530	50,492	50,458	50,369	50,256	50,368	50,234	50,026	49,867
Civilian labor force	48,181	48,259	48,169	48,200	48,179	48,113	48,057	47,949	47,820	47,869	47,707	47,457	47,295
Employed	46,255	46,247	46,080	46,066	46,124	45,969	45,893	45,879	45,762	45,725	45,618	45,411	45,275
Agriculture	2,394	2,442	2,439	2,503	2,494	2,435	2,462	2,449	2,423	2,448	2,469	2,439	2,342
Nonagricultural industries	43,861	43,805	43,641	43,563	43,630	43,534	43,431	43,430	43,339	43,277	43,149	42,972	42,933
Unemployed	1,926	2,012	2,089	2,134	2,055	2,144	2,164	2,070	2,058	2,144	2,089	2,046	2,020
Women, 20 years and over													
Civilian labor force	29,358	29,424	29,284	29,254	29,082	28,960	28,826	28,594	28,531	28,545	28,555	28,566	28,610
Employed	27,878	27,794	27,592	27,571	27,471	27,319	27,144	26,964	26,928	26,851	26,871	26,907	27,002
Agriculture	575	564	547	528	530	548	543	529	513	533	585	534	529
Nonagricultural industries	27,303	27,230	27,045	27,043	26,941	26,771	26,601	26,435	26,415	26,318	26,286	26,373	26,473
Unemployed	1,480	1,630	1,692	1,683	1,611	1,641	1,682	1,630	1,603	1,694	1,684	1,659	1,608
Both sexes, 16-19 years													
Civilian labor force	7,996	8,024	7,772	7,662	7,489	7,418	7,430	7,387	7,050	7,572	7,526	7,432	7,456
Employed	6,490	6,595	6,426	6,383	6,237	6,163	6,162	6,171	5,910	6,254	6,243	6,128	6,198
Agriculture	388	387	414	388	392	380	402	396	365	431	486	414	414
Nonagricultural industries	6,102	6,208	6,012	5,995	5,845	5,783	5,760	5,775	5,545	5,823	5,757	5,714	5,784
Unemployed	1,506	1,429	1,346	1,279	1,252	1,255	1,268	1,216	1,140	1,318	1,283	1,304	1,258

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.

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							
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Full time													
Total, 16 years and over:													
Civilian labor force	72,997	73,261	73,170	73,020	72,550	72,342	72,218	71,995	71,427	72,163	71,803	71,435	71,628
Employed	69,123	69,279	69,023	68,889	68,643	68,285	68,209	68,128	67,616	68,052	67,868	67,484	67,753
Unemployed	3,874	3,982	4,147	4,131	3,907	4,057	4,009	3,867	3,811	4,111	3,935	3,951	3,875
Unemployment rate	5.3	5.4	5.7	5.7	5.4	5.6	5.6	5.4	5.3	5.7	5.5	5.5	5.4
Men, 20 years and over:													
Civilian labor force	45,847	45,892	45,805	45,898	45,766	45,717	45,693	45,685	45,498	45,566	45,339	45,130	45,110
Employed	44,074	44,061	43,881	43,909	43,848	43,729	43,669	43,776	43,598	43,608	43,434	43,260	43,246
Unemployed	1,773	1,831	1,924	1,989	1,918	1,988	2,024	1,909	1,900	1,958	1,905	1,870	1,864
Unemployment rate	3.9	4.0	4.2	4.3	4.2	4.3	4.4	4.2	4.2	4.3	4.2	4.1	4.1
Women, 20 years and over:													
Civilian labor force	22,921	23,009	22,992	22,985	22,735	22,784	22,595	22,347	22,344	22,508	22,455	22,365	22,542
Employed	21,691	21,704	21,680	21,643	21,464	21,433	21,296	21,070	21,065	21,102	21,130	21,034	21,266
Unemployed	1,230	1,305	1,312	1,342	1,271	1,351	1,299	1,277	1,279	1,406	1,325	1,331	1,276
Unemployment rate	5.4	5.7	5.7	5.8	5.6	5.9	5.7	5.7	5.7	6.2	5.9	6.0	5.7
Part time													
Total, 16 years and over:													
Civilian labor force	12,540	12,595	12,083	12,125	12,190	12,293	12,211	11,954	12,064	11,819	11,881	12,022	11,757
Employed	11,482	11,476	11,072	11,094	11,158	11,280	11,086	10,918	11,100	10,743	10,794	10,958	10,732
Unemployed	1,058	1,119	1,011	1,031	1,032	1,013	1,125	1,036	964	1,076	1,087	1,064	1,025
Unemployment rate	8.4	8.9	8.4	8.5	8.5	8.2	9.2	8.7	8.0	9.1	9.1	8.9	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										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
White													
Total:													
Civilian labor force	76,096	76,419	75,939	75,751	75,327	75,119	74,897	74,515	74,178	74,629	74,458	74,187	74,158
Employed	72,186	72,347	71,822	71,542	71,349	71,049	70,714	70,524	70,214	70,448	70,320	70,070	70,171
Unemployed	3,910	4,072	4,117	4,209	3,978	4,070	4,183	3,991	3,964	4,181	4,138	4,117	3,987
Unemployment rate	5.1	5.3	5.4	5.6	5.3	5.4	5.6	5.4	5.3	5.6	5.6	5.5	5.4
Males, 20 years and over:													
Civilian labor force	43,456	43,625	43,395	43,365	43,326	43,315	43,260	43,175	43,066	43,128	42,956	42,715	42,627
Employed	41,858	41,924	41,739	41,622	41,633	41,551	41,450	41,450	41,306	41,312	41,185	40,973	40,922
Unemployed	1,598	1,701	1,656	1,743	1,693	1,764	1,810	1,725	1,760	1,816	1,771	1,742	1,705
Unemployment rate	3.7	3.9	3.8	4.0	3.9	4.1	4.2	4.0	4.1	4.2	4.1	4.1	4.0
Females, 20 years and over:													
Civilian labor force	25,480	25,581	25,584	25,449	25,269	25,160	25,000	24,782	24,758	24,760	24,812	24,847	24,853
Employed	24,328	24,338	24,168	24,075	23,999	23,876	23,643	23,468	23,465	23,448	23,460	23,512	23,582
Unemployed	1,152	1,243	1,416	1,374	1,270	1,284	1,357	1,314	1,293	1,312	1,352	1,335	1,271
Unemployment rate	4.5	4.9	5.5	5.4	5.0	5.1	5.4	5.3	5.2	5.3	5.4	5.4	5.1
Both sexes, 16 to 19 years:													
Civilian labor force	7,160	7,213	6,960	6,937	6,732	6,644	6,637	6,558	6,354	6,741	6,690	6,625	6,678
Employed	6,000	6,085	5,915	5,845	5,717	5,622	5,621	5,606	5,443	5,688	5,675	5,585	5,667
Unemployed	1,160	1,128	1,045	1,092	1,015	1,022	1,016	952	911	1,053	1,015	1,040	1,011
Unemployment rate	16.2	15.6	15.0	15.7	15.1	15.4	15.3	14.5	14.3	15.6	15.2	15.7	15.1
Negro and other races													
Total:													
Civilian labor force	9,516	9,415	9,304	9,365	9,445	9,410	9,376	9,377	9,177	9,385	9,252	9,304	9,272
Employed	8,514	8,414	8,335	8,483	8,463	8,435	8,449	8,443	8,310	8,398	8,347	8,418	8,382
Unemployed	1,002	1,001	969	882	982	975	927	934	867	987	905	886	890
Unemployment rate	10.5	10.6	10.4	9.4	10.4	10.4	9.9	10.0	9.4	10.5	9.8	9.5	9.6
Males, 20 years and over:													
Civilian labor force	4,778	4,701	4,761	4,810	4,842	4,817	4,781	4,778	4,757	4,749	4,750	4,749	4,720
Employed	4,445	4,381	4,381	4,446	4,453	4,438	4,427	4,428	4,426	4,418	4,429	4,441	4,401
Unemployed	333	320	380	364	389	379	354	350	331	331	321	308	319
Unemployment rate	7.0	6.8	8.0	7.6	8.0	7.9	7.4	7.3	7.0	7.0	6.8	6.5	6.8
Females, 20 years and over:													
Civilian labor force	3,897	3,908	3,751	3,801	3,821	3,815	3,803	3,773	3,717	3,822	3,704	3,738	3,781
Employed	3,579	3,516	3,448	3,494	3,478	3,452	3,483	3,449	3,416	3,422	3,377	3,423	3,456
Unemployed	318	392	303	307	343	363	320	324	301	400	327	315	325
Unemployment rate	8.2	10.0	8.1	8.1	9.0	9.5	8.4	8.6	8.1	10.5	8.8	8.4	8.6
Both sexes, 16 to 19 years:													
Civilian labor force	841	806	792	754	782	778	792	826	703	814	798	817	771
Employed	490	517	506	543	532	545	539	566	468	558	541	554	525
Unemployed	351	289	286	211	250	233	253	260	235	256	257	263	246
Unemployment rate	41.7	35.9	36.1	28.0	32.0	29.9	31.9	31.5	33.4	31.4	32.2	32.2	31.9

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										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Less than 5 weeks	2,142	2,358	2,410	2,290	2,140	2,317	2,320	2,150	2,118	2,245	2,176	2,155	2,218
5 to 14 weeks	1,454	1,502	1,509	1,650	1,529	1,567	1,553	1,532	1,572	1,552	1,587	1,633	1,605
15 weeks and over	1,294	1,198	1,273	1,311	1,253	1,250	1,291	1,255	1,175	1,183	1,088	1,100	1,073
15 to 26 weeks	634	636	724	741	628	683	735	704	630	667	640	645	619
27 weeks and over	660	562	549	570	625	567	556	551	545	516	448	455	454
Average (mean) duration	12.5	11.8	11.4	11.8	12.5	12.0	11.6	11.5	12.6	11.4	11.0	10.7	10.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

Selected categories	1972		1971										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Total (all civilian workers)	5.7	5.9	6.0	6.0	5.8	6.0	6.1	5.9	5.8	6.1	6.0	6.0	5.9
Men, 20 years and over	4.0	4.2	4.3	4.4	4.3	4.5	4.5	4.3	4.3	4.5	4.4	4.3	4.3
Women, 20 years and over	5.0	5.5	5.8	5.8	5.5	5.7	5.8	5.7	5.6	5.9	5.9	5.8	5.6
Both sexes, 16-19 years	18.8	17.8	17.3	16.7	16.7	16.9	17.1	16.5	16.2	17.4	17.0	17.5	16.9
White	5.1	5.3	5.4	5.6	5.3	5.4	5.6	5.4	5.3	5.6	5.6	5.5	5.4
Negro and other races	10.5	10.6	10.4	9.4	10.4	10.4	9.9	10.0	9.4	10.5	9.8	9.5	9.6
Married men	2.8	3.0	3.2	3.3	3.0	3.3	3.2	3.1	3.1	3.2	3.2	3.2	3.2
Full-time workers	5.3	5.4	5.7	5.7	5.4	5.6	5.6	5.4	5.3	5.7	5.5	5.5	5.4
Part-time workers	8.4	8.9	8.4	8.5	8.5	8.2	9.2	8.7	8.0	9.1	9.1	8.9	8.7
Unemployed 15 weeks and over ¹	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3
State insured ²	3.5	3.4	4.1	4.1	4.4	4.3	4.2	4.0	4.2	4.2	4.0	3.9	3.7
Labor force time lost ³	6.1	6.4	6.4	6.4	6.5	6.3	6.5	6.3	5.6	6.6	6.5	6.5	6.4
Occupation													
White-collar workers	3.3	3.6	3.6	3.4	3.4	3.4	3.5	3.5	3.2	3.6	3.7	3.7	3.5
Professional and technical	2.5	3.1	2.9	2.9	3.1	2.7	3.0	2.8	2.2	3.2	3.2	3.3	3.2
Managers and administrators, except farm	1.7	1.9	1.8	1.9	1.7	1.6	1.4	1.6	1.7	1.5	1.6	1.7	1.6
Sales workers	4.0	4.4	4.0	3.9	3.9	4.1	4.4	4.6	4.1	5.1	4.4	4.5	4.0
Clerical workers	4.7	4.7	4.9	4.6	4.7	4.8	4.9	4.9	4.7	4.8	5.0	4.9	4.8
Blue-collar workers	7.0	7.1	7.5	7.5	7.1	7.7	7.5	7.2	7.1	7.5	7.5	7.4	7.4
Craftsmen and kindred workers	4.4	4.3	4.8	4.6	4.7	5.3	5.3	5.1	4.1	4.3	4.6	4.8	4.5
Operatives	7.5	7.9	8.2	8.2	7.8	8.3	8.3	8.1	8.2	8.7	8.7	8.5	8.5
Nonfarm laborers	11.8	11.6	11.9	11.8	10.6	11.2	10.6	9.2	11.1	11.4	10.4	10.4	11.1
Service workers	5.9	6.1	6.4	6.6	6.0	6.5	6.5	6.5	6.3	6.4	6.3	6.1	6.0
Farm workers	2.7	2.8	2.7	3.7	1.9	2.8	2.7	2.6	2.3	2.1	1.9	2.3	3.2
Industry													
Private wage and salary workers ⁴	5.9	6.1	6.3	6.2	5.9	6.2	6.2	6.1	6.1	6.4	6.3	6.4	6.2
Construction	10.3	9.8	11.2	9.7	10.2	9.7	9.9	9.8	10.3	11.0	10.0	10.7	10.9
Manufacturing	6.0	6.4	6.9	6.6	6.2	6.9	6.8	6.7	6.7	6.9	7.0	7.0	6.8
Durable goods	6.1	6.7	6.7	6.7	6.4	7.0	6.9	6.8	7.0	7.3	7.5	7.3	7.2
Nondurable goods	6.0	6.0	7.1	6.3	5.8	6.8	6.8	6.5	6.2	6.4	6.4	6.5	6.4
Transportation and public utilities	3.9	4.1	4.1	4.4	4.3	3.6	3.3	3.1	3.4	4.3	3.8	3.4	4.1
Wholesale and retail trade	6.2	6.3	6.5	6.6	6.1	6.3	6.3	6.4	6.5	6.8	6.5	6.7	6.2
Finance and service industries	4.9	5.3	4.9	5.1	4.9	5.1	5.3	5.2	4.8	5.1	5.2	5.2	4.9
Government wage and salary workers	2.8	3.0	3.2	3.2	3.2	3.0	3.1	2.9	2.6	3.0	2.9	2.8	2.7
Agricultural wage and salary workers	8.3	8.6	7.5	9.6	7.0	8.5	8.8	7.8	6.3	7.7	6.4	6.7	9.5

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

² Insured unemployment under State programs as a percent of average covered employment.

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										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Total, 16 years and over	5.7	5.9	6.0	6.0	5.8	6.0	6.1	5.9	5.8	6.1	6.0	6.0	5.9
16 to 19 years	18.8	17.8	17.3	16.7	16.7	16.9	17.1	16.5	16.2	17.4	17.0	17.5	16.9
16 and 17 years	22.0	19.1	18.8	18.3	19.9	18.4	19.5	18.3	18.7	19.0	18.2	18.7	18.0
18 and 19 years	16.7	16.8	16.3	15.4	14.5	15.8	15.0	15.0	14.3	17.1	15.7	16.7	16.1
20 to 24 years	8.8	10.1	10.1	10.4	9.2	9.6	10.0	9.8	10.1	10.8	10.2	10.1	9.6
25 years and over	3.6	3.7	4.1	4.0	4.0	4.0	4.1	4.0	3.9	4.0	4.0	4.0	4.0
25 to 54 years	3.7	3.9	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.2	4.2	4.1
55 years and over	3.1	3.1	3.4	3.4	3.0	3.2	3.5	3.2	3.3	3.5	3.5	3.4	3.5
Males, 16 years and over	5.3	5.3	5.4	5.4	5.3	5.4	5.5	5.2	5.2	5.5	5.4	5.3	5.3
16 to 19 years	19.6	17.3	17.3	16.2	16.5	16.3	17.2	15.8	16.1	17.6	16.5	16.8	16.5
16 and 17 years	21.8	18.7	19.0	18.1	20.3	18.6	19.4	18.4	18.4	17.8	18.7	18.3	17.9
18 and 19 years	17.6	16.1	16.0	14.7	13.7	14.6	15.0	13.7	14.3	18.3	14.8	15.7	15.2
20 to 24 years	9.2	10.4	10.5	10.7	9.7	10.2	10.5	10.2	10.1	10.7	10.3	10.2	9.9
25 years and over	3.2	3.2	3.5	3.5	3.5	3.5	3.6	3.4	3.4	3.5	3.5	3.5	3.5
25 to 54 years	3.2	3.3	3.6	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.4	3.5	3.3
55 years and over	3.2	3.0	3.0	3.2	2.9	3.0	3.3	3.1	3.3	3.5	3.6	3.5	3.8
Females, 16 years and over	6.4	6.9	7.0	6.9	6.7	6.9	7.0	6.9	6.7	7.1	7.1	7.1	6.8
16 to 19 years	17.9	18.4	17.3	17.3	17.0	17.6	16.9	17.2	16.3	17.1	17.7	18.5	17.4
16 and 17 years	22.3	19.6	18.5	18.7	19.2	18.0	19.5	18.3	19.3	20.5	17.7	19.3	18.2
18 and 19 years	15.6	17.7	16.7	16.2	15.6	17.3	15.1	16.4	14.4	15.7	16.7	17.8	17.1
20 to 24 years	8.4	9.6	9.6	10.0	8.6	8.9	9.4	9.4	10.1	10.8	10.1	10.0	9.2
25 years and over	4.3	4.6	5.0	4.8	4.9	4.9	5.0	4.9	4.7	4.8	5.0	5.0	4.8
25 to 54 years	4.7	4.9	5.4	5.2	5.3	5.3	5.4	5.4	5.2	5.2	5.5	5.5	5.4
55 years and over	2.9	3.3	3.9	3.7	3.0	3.4	3.8	3.3	3.5	3.4	3.3	3.2	3.1

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

(Numbers in thousands)

Reason for unemployment	1972		1971										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Number of unemployed													
Lost last job	2,077	2,169	2,365	2,360	2,206	2,369	2,460	2,280	2,342	2,321	2,300	2,225	2,295
Left last job	603	564	666	629	541	583	572	510	501	611	602	593	635
Reentered labor force	1,503	1,652	1,432	1,493	1,486	1,536	1,509	1,534	1,371	1,513	1,459	1,511	1,325
Never worked before	713	742	736	651	663	603	651	570	558	705	666	658	589
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	42.4	42.3	45.5	46.0	45.1	46.5	47.4	46.6	49.1	45.1	45.8	44.6	47.4
Left last job	12.3	11.0	12.8	12.3	11.0	11.5	11.0	10.4	10.5	11.9	12.0	11.9	13.1
Reentered labor force	30.7	32.2	27.5	29.1	30.4	30.2	29.1	31.3	28.7	29.4	29.0	30.3	27.4
Never worked before	14.6	14.5	14.2	12.7	13.5	11.8	12.5	11.6	11.7	13.7	13.2	13.2	12.2
Unemployed as a percent of the civilian labor force													
Lost last job	2.4	2.5	2.8	2.8	2.6	2.8	2.9	2.7	2.8	2.8	2.7	2.7	2.8
Left last job . . . . .	.7	.7	.8	.7	.6	.7	.7	.6	.6	.7	.7	.7	.8
Reentered labor force	1.8	1.9	1.7	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.7	1.8	1.6
Never worked before . . . . .	.8	.9	.9	.8	.8	.7	.8	.7	.7	.8	.8	.8	.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

Sex and age	1972		1971										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Total													
16 years and over	80,623	80,636	80,098	80,020	79,832	79,451	79,199	79,014	78,600	78,830	78,732	78,446	78,475
16 to 19 years	6,490	6,595	6,426	6,383	6,237	6,163	6,162	6,171	5,910	6,254	6,243	6,128	6,198
16 and 17 years	2,688	2,836	2,655	2,712	2,551	2,592	2,551	2,550	2,338	2,647	2,634	2,619	2,662
18 and 19 years	3,817	3,791	3,760	3,688	3,695	3,579	3,580	3,627	3,568	3,608	3,597	3,520	3,550
20 to 24 years	10,586	10,513	10,486	10,338	10,489	10,364	10,269	10,192	9,982	10,031	9,995	9,864	9,813
25 years and over	63,567	63,603	63,228	63,344	63,131	62,943	62,764	62,586	62,646	62,572	62,494	62,480	62,463
25 to 54 years	49,613	49,478	49,157	49,181	49,031	48,913	48,758	48,612	48,660	48,638	48,487	48,489	48,581
55 years and over	13,990	14,231	14,077	14,115	14,091	14,030	13,973	13,907	13,914	13,965	13,962	14,042	13,925
Male													
16 years and over	49,824	49,902	49,669	49,726	49,681	49,430	49,318	49,337	49,068	49,176	49,110	48,809	48,734
16 to 19 years	3,569	3,655	3,589	3,660	3,557	3,461	3,425	3,458	3,306	3,451	3,492	3,398	3,459
16 and 17 years	1,525	1,591	1,545	1,589	1,489	1,503	1,486	1,492	1,382	1,537	1,530	1,490	1,550
18 and 19 years	2,054	2,084	2,056	2,079	2,071	1,963	1,907	1,970	1,919	1,957	1,943	1,911	1,916
20 to 24 years	5,862	5,821	5,819	5,680	5,749	5,635	5,604	5,558	5,501	5,526	5,504	5,410	5,331
25 years and over	40,435	40,467	40,319	40,403	40,348	40,341	40,283	40,286	40,213	40,205	40,112	40,023	39,964
25 to 54 years	31,594	31,504	31,440	31,482	31,460	31,405	31,315	31,325	31,272	31,232	31,194	31,091	31,147
55 years and over	8,840	9,015	8,877	8,924	8,906	8,950	8,939	8,945	8,916	8,955	8,908	8,947	8,816
Female													
16 years and over	30,799	30,734	30,429	30,294	30,151	30,021	29,881	29,677	29,532	29,654	29,622	29,637	29,741
16 to 19 years	2,921	2,940	2,837	2,723	2,680	2,702	2,737	2,713	2,604	2,803	2,751	2,730	2,739
16 and 17 years	1,163	1,245	1,110	1,123	1,062	1,089	1,065	1,058	956	1,110	1,104	1,129	1,112
18 and 19 years	1,763	1,707	1,704	1,609	1,624	1,616	1,673	1,657	1,649	1,651	1,654	1,609	1,634
20 to 24 years	4,724	4,692	4,667	4,658	4,740	4,729	4,665	4,634	4,481	4,505	4,491	4,454	4,482
25 years and over	23,132	23,136	22,909	22,941	22,783	22,603	22,481	22,300	22,433	22,367	22,382	22,457	22,499
25 to 54 years	18,019	17,974	17,717	17,699	17,571	17,508	17,443	17,287	17,388	17,406	17,293	17,398	17,434
55 years and over	5,150	5,216	5,200	5,191	5,185	5,080	5,034	4,962	4,998	5,010	5,054	5,095	5,109

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										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
White-collar workers	38,883	35,587	38,341	38,800	38,699	38,734	38,521	38,113	37,906	38,122	37,983	37,879	37,859
Professional & technical	11,256	11,065	11,143	11,268	11,166	11,211	11,188	11,019	11,259	11,014	10,969	10,879	10,950
Managers and administrators, except farm	8,049	8,020	8,067	8,824	8,946	8,878	8,832	8,686	8,614	8,680	8,633	8,645	8,573
Sales workers	5,311	5,314	5,228	5,126	5,046	5,027	5,035	5,049	4,914	5,034	5,105	5,081	5,031
Clerical workers	14,267	14,188	13,903	13,582	13,541	13,618	13,466	13,359	13,119	13,394	13,276	13,274	13,305
Blue-collar workers	28,015	28,203	27,804	27,404	27,362	27,161	26,925	27,182	27,086	27,030	27,038	27,024	27,140
Craftsmen and kindred workers	10,826	10,897	10,861	10,184	10,073	10,033	10,054	10,245	10,199	10,089	10,070	10,066	10,227
Operatives	13,181	13,373	13,148	13,131	13,068	13,079	12,871	12,888	12,981	12,941	12,953	12,938	12,867
Nonfarm laborers	4,008	3,933	3,795	4,089	4,221	4,049	4,000	4,049	3,906	4,000	4,015	4,020	4,046
Service workers	10,787	10,911	10,793	10,730	10,729	10,706	10,741	10,697	10,613	10,696	10,514	10,596	10,589
Farmers and farm laborers	2,985	3,031	3,019	3,010	3,041	2,957	3,022	2,997	2,943	2,998	3,159	2,987	2,951

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

**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	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government			
							Total	Wholesale trade	Retail trade			Total	Federal	State and local	
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-
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	3,276	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	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:Feb.	69,450	21,984	606	2,846	18,532	47,466	4,434	14,721	3,799	10,922	3,715	11,667	12,909	2,646	10,263
Mar.	69,782	22,063	608	2,967	18,488	47,719	4,466	14,789	3,806	10,983	3,735	11,758	12,971	2,649	10,322
Apr.	70,309	22,263	617	3,164	18,482	48,046	4,469	14,974	3,808	11,166	3,758	11,867	12,978	2,662	10,316
May	70,738	22,441	622	3,265	18,554	48,297	4,500	15,071	3,823	11,248	3,780	11,953	12,993	2,659	10,334
June	71,355	22,794	634	3,414	18,746	48,561	4,549	15,192	3,860	11,332	3,837	12,050	12,933	2,674	10,259
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	522	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 P	70,661	22,005	601	2,963	18,441	48,656	4,439	15,270	3,877	11,393	3,837	11,941	13,169	2,646	10,523
Feb P	70,733	21,952	597	2,880	18,475	48,781	4,427	15,166	3,882	11,284	3,847	12,039	13,302	2,651	10,521

p=preliminary.

NOTE: Data include Alaska and Hawaii beginning 1958. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1958 benchmark month.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry

(In thousands)

SIC CODE	Industry	All employees					Production workers ¹				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
-	TOTAL	70,733	70,661	72,034	69,527	70,699	-	-	-	-	-
-	PRIVATE SECTOR	57,431	57,492	58,805	56,728	57,841	47,332	47,419	48,712	46,678	47,766
-	MINING	597	601	605	611	601	447	451	455	461	450
10	METAL MINING	-	87.1	87.4	92.6	89.0	-	68.8	69.3	74.2	70.4
101	Iron ores	-	20.1	20.1	24.6	24.5	-	16.0	16.0	19.9	19.9
102	Copper ores	-	38.3	38.6	37.6	34.7	-	30.0	30.5	29.8	26.8
11,12	COAL MINING	-	147.6	145.8	152.2	137.7	-	124.1	121.7	131.7	116.0
12	Bituminous coal and lignite mining	-	142.9	140.8	146.7	132.3	-	120.0	117.3	126.8	111.2
13	OIL AND GAS EXTRACTION	-	261.5	262.1	261.1	261.2	-	173.0	174.1	170.1	171.3
131,2	Crude petroleum and natural gas fields ...	-	138.5	138.4	140.6	141.0	-	70.7	71.1	71.4	72.1
138	Oil and gas field services	-	123.0	123.7	120.5	120.3	-	102.3	103.0	98.7	99.2
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	104.5	109.8	105.0	113.0	-	85.0	90.3	84.8	92.7
142	Crushed and broken stone	-	36.7	39.4	36.1	40.5	-	30.6	33.4	29.7	34.0
144	Sand and gravel	-	34.2	35.6	33.4	36.8	-	-	-	-	-
	CONTRACT CONSTRUCTION	2,880	2,963	3,177	2,921	3,259	2,330	2,411	2,618	2,376	2,704
	GENERAL BUILDING CONTRACTORS		866.7	930.2	877.7	950.4		703.0	762.5	715.1	784.9
16	HEAVY CONSTRUCTION CONTRACTORS ..	-	535.3	615.7	535.4	682.5	-	436.5	511.0	434.5	577.5
161	Highway and street construction	-	206.6	251.0	203.5	308.6	-	171.4	212.5	167.3	269.6
162	Heavy construction, n e c	-	328.7	364.7	331.9	373.9	-	265.1	298.5	267.2	307.9
17	SPECIAL TRADE CONTRACTORS	-	1561.4	1630.9	1507.9	1625.6	-	1271.1	1344.4	1225.9	1341.8
171	Plumbing, heating, air conditioning	-	390.7	402.4	391.9	396.3	-	307.5	320.3	311.3	315.0
172	Painting, paper hanging, decorating	-	98.1	109.0	97.0	114.5	-	81.6	91.7	81.0	98.5
173	Electrical work	-	280.8	288.2	283.6	288.3	-	221.0	228.7	223.5	229.2
174	Masonry, stonework, and plastering	-	197.2	209.6	184.4	210.3	-	176.4	188.8	163.8	189.7
176	Roofing and sheet metal work	-	106.9	111.6	102.9	110.9	-	86.3	91.4	63.2	90.6
	MANUFACTURING	18,475	18,441	18,595	18,579	18,610	13,408	13,372	13,514	13,400	13,487
19,24,25, 32-39	DURABLE GOODS	10,541	10,519	10,575	10,646	10,590	7,602	7,578	7,629	7,619	7,612
20-23, 26-31	NONDURABLE GOODS	7,934	7,922	8,020	7,933	8,020	5,806	5,794	5,885	5,781	5,875
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	182.5	184.2	185.5	209.2	193.0	89.3	90.1	91.3	108.5	96.2
192	Ammunition, except for small arms	125.4	126.7	127.4	146.0	134.6	54.7	55.2	55.7	70.9	61.3
1925	Complete guided missiles	-	89.4	89.9	91.7	90.3	-	26.3	26.5	28.5	27.0
1929	Ammunition, exc. for small arms, nec ...	-	37.3	37.5	54.3	44.3	-	28.9	29.2	42.4	34.3
24	LUMBER AND WOOD PRODUCTS	578.3	584.2	591.8	544.5	579.8	493.9	500.7	508.4	465.6	499.5
241	Logging camps & logging contractors	64.8	66.1	69.2	63.1	69.6	-	-	-	-	-
242	Sawmills and planing mills	(*)	210.2	212.6	202.7	211.2	(*)	189.8	192.3	183.4	191.7
2421	Sawmills and planing mills, general	-	177.6	179.7	171.9	179.2	-	160.5	162.6	155.7	162.9
243	Millwork, plywood & related products	187.7	189.2	190.7	164.9	182.3	154.8	156.5	157.9	135.7	152.0
2431	Millwork	-	84.1	84.3	70.8	79.1	-	68.9	69.1	56.4	64.2
2432	Veneer and plywood	-	78.0	78.1	70.2	75.2	-	68.0	68.0	62.5	67.2
244	Wooden containers	28.3	28.7	29.3	30.2	29.9	25.0	25.4	26.2	26.7	26.5
2441,2	Wooden boxes, shooks, and crates	-	23.2	23.6	23.9	24.2	-	20.6	21.1	21.1	21.5
249	Miscellaneous wood products	90.6	90.0	90.0	83.6	86.8	75.2	74.6	74.5	69.2	71.8

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				
		Feb. p 1972	Jan. p 1972	Dec. 1971	Jan. 1971	Avg. 1971	Feb. p 1972	Jan. p 1972	Dec. 1971	Jan. 1971	Avg. 1971
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES.	474.7	477.5	478.3	449.4	459.1	391.2	394.3	395.4	369.5	377.8
251	Household furniture.	343.1	346.0	346.3	320.3	329.2	290.7	293.7	294.0	271.2	278.8
2511	Wood household furniture	—	173.3	174.7	161.7	165.5	—	152.3	153.6	141.2	144.9
2512	Upholstered household furniture.	—	97.7	97.6	88.6	91.6	—	81.8	82.1	74.4	76.6
2515	Mattresses and bedsprings	—	38.4	38.8	36.1	37.5	—	29.5	29.7	27.9	28.8
252	Office furniture	—	35.8	35.1	32.9	33.5	—	27.4	26.9	25.1	25.4
254	Partitions and fixtures	—	49.4	49.4	48.4	49.3	—	37.7	37.8	36.8	37.6
253,9	Other furniture and fixtures	45.7	46.3	47.5	47.8	47.1	35.0	35.5	36.7	36.4	35.9
32	STONE, CLAY, AND GLASS PRODUCTS . . .	619.0	620.4	627.3	606.1	628.5	488.7	491.1	498.1	477.8	498.8
321	Flat glass.	—	24.7	24.8	24.7	24.5	—	18.5	18.5	18.2	18.1
322	Glass and glassware, pressed or blown . . .	127.4	126.7	126.8	127.8	128.3	109.6	109.2	109.1	109.8	110.2
3221	Glass containers.	—	72.4	72.0	74.0	74.5	—	64.1	63.5	64.8	65.4
3229	Pressed and blown glass, n e c	—	54.3	54.8	53.8	53.8	—	45.1	45.6	45.0	44.8
324	Cement, hydraulic	31.4	31.6	32.1	30.7	32.0	24.7	24.8	25.2	23.5	25.1
325	Structural clay products	56.4	56.9	57.5	54.5	57.1	46.6	47.2	47.9	44.4	47.2
3251	Brick and structural clay tile.	—	25.4	26.0	24.1	25.7	—	22.1	22.8	20.7	22.3
326	Pottery and related products	—	40.8	40.8	40.9	40.7	—	34.3	34.1	34.0	33.8
327	Concrete, gypsum, and plaster products . .	(*)	180.1	184.5	170.2	185.7	(*)	137.7	142.4	130.4	144.4
328,9	Other stone and nonmetallic mineral products	130.7	129.5	130.6	128.6	130.5	97.2	96.0	97.3	95.1	96.8
3291	Abrasive products	—	25.6	25.3	24.5	24.8	—	17.6	17.4	16.8	16.9
33	PRIMARY METAL INDUSTRIES	1,181.1	1,177.3	1,168.6	1,255.3	1,224.6	929.8	925.7	915.8	992.0	965.0
331	Blast furnace and basic steel products . .	(*)	543.1	530.4	604.6	580.7	(*)	426.3	412.7	482.7	459.6
3312	Blast furnaces and steel mills	—	472.0	459.2	528.3	506.3	—	371.8	358.0	423.8	402.1
332	Iron and steel foundries	208.3	209.2	210.2	218.9	214.6	172.4	173.3	174.4	180.6	177.5
3321	Gray iron foundries	—	133.9	134.5	134.1	132.7	—	113.1	113.9	112.2	111.4
3322	Malleable iron foundries	—	23.4	23.5	22.9	23.0	—	19.4	19.6	19.2	19.2
3323	Steel foundries	—	51.9	52.2	61.9	59.0	—	40.8	40.9	49.2	46.9
333,4	Nonferrous metals	80.8	81.3	82.3	866.5	83.9	62.5	62.9	64.0	66.4	64.8
3334	Primary aluminum	—	28.3	28.6	29.8	30.3	—	22.9	23.4	24.0	24.6
335	Nonferrous rolling and drawing.	(*)	199.7	200.9	203.0	203.5	(*)	147.2	147.8	149.0	149.6
3351	Copper rolling and drawing	—	38.8	39.1	40.3	40.8	—	28.7	28.8	29.3	30.1
3352	Aluminum rolling and drawing	—	63.0	63.7	65.3	65.2	—	45.7	46.0	47.1	47.1
3357	Nonferrous wire drawing and insulating . .	—	79.1	79.4	76.8	77.8	—	59.9	60.3	58.3	58.8
336	Nonferrous foundries	78.8	79.1	79.5	74.6	76.2	64.4	64.8	65.5	60.5	62.2
3361	Aluminum castings	—	41.3	41.0	38.2	38.9	—	34.4	34.3	31.5	32.3
3362,9	Other nonferrous castings	—	37.8	38.5	36.4	37.3	—	30.4	31.2	29.0	30.0
339	Miscellaneous primary metal products . . .	65.2	64.9	65.3	67.7	65.6	51.3	51.2	51.4	52.8	51.4
3391	Iron and steel forgings	—	43.1	43.4	45.3	43.7	—	34.7	34.8	35.8	34.8
34	FABRICATED METAL PRODUCTS	1,338.3	1,333.1	1,343.4	1,325.4	1,331.9	1,021.1	1,014.2	1,023.8	1,004.7	1,012.3
341	Metal cans.	69.4	69.2	69.5	73.1	70.6	59.5	59.0	58.9	62.4	60.1
342	Cutlery, hand tools, and hardware	154.1	153.1	154.1	149.9	149.7	121.5	120.5	121.6	116.5	116.9
3421,3,5	Cutlery and hand tools, incl. saws	—	63.0	63.3	61.6	61.5	—	49.6	49.9	47.4	47.8
3429	Hardware, n e c	—	90.1	90.8	88.3	88.2	—	70.9	71.7	69.1	69.2
343	Plumbing and heating, except electric. . .	83.7	82.6	83.0	79.4	81.4	62.9	61.4	62.0	57.8	60.6
3431,2	Sanitary ware & plumbers' brass goods . .	—	39.6	39.6	36.7	38.5	—	31.5	31.5	28.6	30.5
3433	Heating equipment, except electric. . . .	—	43.0	43.4	42.7	42.9	—	29.9	30.5	29.2	30.1
344	Fabricated structural metal products	408.4	409.4	414.7	407.2	415.4	288.1	290.7	295.3	289.6	296.0
3441	Fabricated structural steel	—	103.9	104.8	107.7	106.8	—	75.6	76.1	79.3	78.0
3442	Metal doors, sash, and trim	—	68.2	71.0	62.6	69.3	—	48.9	51.7	45.0	50.6
3443	Fabricated plate work (boiler shops)	—	110.4	112.3	114.5	113.3	—	75.9	77.5	79.8	78.4
3444	Sheet metal work	—	78.4	77.8	75.8	77.8	—	56.6	56.1	53.3	55.9
3446,9	Architectural and misc. metal work	—	48.5	48.8	46.6	48.2	—	33.7	33.9	32.2	33.2
345	Screw machine products, bolts, etc	95.7	94.3	93.3	95.0	93.0	74.0	72.9	72.1	73.0	71.5
3451	Screw machine products	—	41.7	41.3	41.7	40.8	—	34.1	33.9	34.0	33.4
3452	Bolts, nuts, rivets, and washers	—	52.6	52.0	53.3	52.2	—	38.8	38.2	39.0	38.1
346	Metal stampings	221.8	223.9	228.2	225.8	224.0	181.3	180.6	184.8	180.6	179.9
347	Metal services, n e c	76.2	74.9	76.3	76.5	76.8	62.6	61.0	62.6	62.5	62.8
348	Misc. fabricated wire products	66.4	65.8	65.8	63.7	64.8	52.6	51.9	51.7	50.1	51.0
349	Misc. fabricated metal products	(*)	159.9	158.5	154.8	156.2	(*)	116.2	114.8	112.2	113.6
3494,8	Valves, pipe, and pipe fittings	—	97.9	97.5	94.2	95.4	—	68.2	67.7	65.9	66.5

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	1,799.1	1,783.5	1,786.2	1,827.2	1,791.0	1,185.5	1,169.6	1,169.5	1,198.1	1,169.9
351	Engines and turbines	115.3	116.3	116.6	111.2	116.4	76.7	76.7	76.9	73.5	77.5
3511	Steam engines and turbines	-	45.4	45.8	38.5	44.5	-	25.8	26.1	20.6	25.6
3519	Internal combustion engines, n e c	-	70.9	70.8	72.7	71.8	-	50.9	50.8	52.9	51.9
352	Farm machinery	-	126.6	123.9	123.3	122.3	-	88.6	86.5	86.6	84.7
353	Construction and related machinery	279.5	276.1	274.6	280.1	276.7	180.9	177.9	175.7	181.8	178.3
3531,2	Construction and mining machinery	-	145.9	145.5	148.5	147.0	-	95.1	94.5	99.6	97.2
3533	Oil field machinery	-	45.2	44.8	44.0	44.7	-	30.8	30.2	29.6	30.2
3535,6	Conveyors, hoists, cranes, monorails	-	38.2	37.9	40.1	38.6	-	24.7	23.9	24.9	23.9
3537	Industrial trucks and tractors	-	30.9	30.6	30.8	30.1	-	19.5	19.2	19.1	18.7
354	Metal working machinery	265.9	263.4	263.4	276.5	261.5	194.9	192.4	192.2	199.3	188.5
3541	Machine tools, metal cutting types	-	50.6	50.8	55.4	51.2	-	32.5	32.5	35.3	32.4
3544	Special dies, tools, jigs, & fixtures	-	104.4	104.9	103.9	100.6	-	84.0	84.6	82.5	80.0
3545	Machine tool accessories	-	44.2	44.3	47.5	44.8	-	31.1	31.1	32.8	31.1
3542,8	Misc. metal working machinery	-	64.2	63.4	69.7	64.9	-	44.8	44.0	48.7	44.9
355	Special industry machinery	176.9	174.6	176.8	182.8	178.2	114.8	112.3	114.2	118.2	114.8
3551	Food products machinery	-	38.0	39.5	40.9	39.8	-	23.4	24.5	25.3	24.5
3552	Textile machinery	-	35.7	36.1	34.8	34.9	-	26.3	26.8	25.5	25.7
3555	Printing trades machinery	-	28.2	28.0	30.2	28.8	-	17.2	17.2	18.9	17.6
356	General industrial machinery	249.5	249.1	250.9	259.3	252.6	164.7	164.1	166.0	170.4	165.7
3561	Pumps and compressors	-	67.1	67.5	70.5	68.1	-	40.8	41.0	41.8	40.4
3562	Ball and roller bearings	-	48.4	48.7	52.2	49.7	-	36.8	37.0	39.3	37.5
3564	Blowers and fans	-	31.8	32.3	31.7	32.0	-	19.5	20.4	20.2	20.3
3566	Power transmission equipment	-	46.8	47.0	48.6	47.3	-	32.9	33.2	34.5	33.3
357	Office and computing machines	231.4	229.9	233.1	257.0	244.4	103.9	102.5	104.1	120.8	112.1
3573	Electronic computing equipment	-	164.6	167.5	174.3	170.1	-	59.7	61.0	64.4	62.1
358	Service industry machines	140.9	139.5	138.5	139.0	138.0	96.2	94.6	93.1	96.6	94.5
3585	Refrigeration machinery	-	90.9	90.4	91.8	90.9	-	61.8	60.9	64.4	62.6
359	Misc. machinery, except electrical	209.7	208.0	208.4	198.0	201.1	161.6	160.5	160.8	150.9	153.8
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,801.3	1,797.9	1,805.8	1,801.9	1,787.8	1,203.2	1,197.4	1,204.0	1,185.0	1,180.3
361	Electric test & distributing equipment	193.6	191.3	195.7	198.4	195.1	130.8	129.2	132.9	134.7	132.0
3611	Electric measuring instruments	-	63.6	64.1	63.3	62.9	-	39.3	39.3	38.8	38.3
3612	Transformers	-	50.1	53.4	54.3	53.5	-	35.4	38.7	39.0	38.6
3613	Switchgear and switchboard apparatus	-	77.6	78.2	80.8	78.8	-	54.5	54.9	56.9	55.1
362	Electrical industrial apparatus	201.0	198.1	198.5	203.5	198.6	138.7	135.7	135.8	138.3	134.7
3621	Motors and generators	-	106.7	107.2	110.5	107.0	-	75.1	74.8	76.6	74.0
3622	Industrial controls	-	53.6	53.6	52.9	52.9	-	33.9	34.2	33.2	33.5
363	Household appliances	193.0	190.6	189.4	175.0	184.0	154.0	151.3	150.0	136.9	145.2
3632	Household refrigerators and freezers	-	59.0	57.4	52.7	58.9	-	48.2	46.6	41.9	48.0
3633	Household laundry equipment	-	28.7	26.9	27.0	26.6	-	23.3	21.6	21.9	21.5
3634	Electric housewares and fans	-	47.8	50.4	44.7	46.9	-	37.4	39.7	34.6	36.4
364	Electric lighting and wiring equipment	191.1	188.2	188.7	183.7	183.3	148.6	145.1	145.4	139.9	140.1
3641	Electric lamps	-	35.4	35.2	36.6	35.4	-	31.1	30.8	32.3	31.1
3642	Lighting fixtures	-	63.1	64.7	61.3	62.3	-	48.2	49.5	46.6	47.5
3643,4	Wiring devices	-	89.7	88.8	85.8	85.7	-	65.8	65.1	61.0	61.5
365	Radio and TV receiving equipment	133.5	138.7	141.4	135.7	135.9	97.4	102.1	104.8	100.6	99.6
366	Communication equipment	421.2	425.0	425.4	460.7	440.1	208.1	210.3	210.2	232.6	219.6
3661	Telephone and telegraph apparatus	-	147.5	148.2	162.7	155.7	-	94.7	94.9	108.3	101.6
3662	Radio and TV communication equipment	-	277.5	277.2	298.0	284.4	-	115.6	115.3	124.3	118.0
367	Electronic components and accessories	341.9	343.9	341.2	329.6	332.6	229.3	227.3	227.2	214.4	218.3
3671,3	Electron tubes	-	52.9	53.3	58.3	55.1	-	36.9	37.2	40.8	38.5
3674,9	Other electronic components	-	289.0	287.9	271.3	277.4	-	190.4	190.0	173.6	179.8
369	Misc. electrical equipment & supplies	124.0	124.1	125.5	115.3	118.4	96.3	96.4	97.7	87.6	90.7
3694	Engine electrical equipment	-	65.4	65.5	59.6	60.6	-	52.5	52.5	46.1	47.4
37	TRANSPORTATION EQUIPMENT	1,721.4	1,729.3	1,743.3	1,796.7	1,751.4	1,223.4	1,231.3	1,245.1	1,258.5	1,237.8
371	Motor vehicles and equipment	(*)	878.9	889.1	878.4	873.8	(*)	683.7	693.2	680.7	676.4
3711	Motor vehicles	-	385.8	393.4	379.0	382.1	-	283.6	290.1	274.1	278.1
3712	Passenger car bodies	-	57.1	57.8	67.3	62.2	-	48.0	48.8	58.6	53.2
3713	Truck and bus bodies	-	37.5	37.1	37.5	37.6	-	29.7	29.4	29.5	29.7
3714	Motor vehicle parts and accessories	-	376.4	378.9	373.2	370.3	-	305.3	308.0	302.8	299.2
3715	Truck trailers	-	22.1	21.9	21.4	21.7	-	17.1	16.9	15.7	16.3
372	Aircraft and parts	499.2	502.5	505.5	599.9	538.1	265.3	267.5	270.8	325.0	287.8
3721	Aircraft	-	274.3	274.8	324.1	290.7	-	138.4	139.7	166.8	148.7
3722	Aircraft engines and engine parts	-	142.1	143.9	170.0	153.4	-	75.4	76.5	90.0	80.5
3723,9	Other aircraft parts and equipment	-	86.1	86.8	105.8	93.9	-	53.7	54.6	68.2	58.6
373	Ship and boat building and repairing	(*)	164.6	166.2	165.2	165.2	(*)	132.1	133.9	131.6	132.7
3731	Ship building and repairing	-	124.8	127.4	130.5	127.4	-	99.7	101.9	103.8	102.0

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					
		Feb. 1972 p	Jan. 1972 p	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 p	Jan. 1972 p	Dec. 1971	Jan. 1971	Avg. 1971	
<i>Durable Goods--Continued</i>												
TRANSPORTATION EQUIPMENT--Continued												
3732	Boat building and repairing.....	-	39.8	38.8	34.7	37.8	-	32.4	32.0	27.8	30.7	
374	Railroad equipment.....	-	52.6	52.6	50.0	51.1	-	40.7	40.5	38.2	39.4	
375,9	Other transportation equipment.....	-	130.7	129.9	103.2	123.2	-	107.3	106.7	83.0	101.4	
38	INSTRUMENTS AND RELATED PRODUCTS	440.4	432.9	435.3	436.1	432.0	263.4	258.5	260.5	259.4	257.2	
381	Engineering & scientific instruments.....	-	62.5	62.7	65.0	62.7	-	29.9	29.9	31.1	29.7	
382	Mechanical measuring & control devices...	98.1	97.8	98.1	100.9	97.9	60.1	59.7	59.9	60.3	58.8	
3821	Mechanical measuring devices.....	-	61.0	61.4	63.6	61.1	-	34.9	35.2	35.6	34.5	
3822	Automatic temperature controls.....	-	36.8	36.7	37.3	36.7	-	24.8	24.7	24.7	24.4	
383,5	Optical and ophthalmic goods.....	(*)	50.6	50.9	49.7	50.1	(*)	35.4	35.5	34.2	34.6	
385	Ophthalmic goods.....	-	35.2	35.5	34.0	34.6	-	26.6	26.7	25.4	26.0	
384	Medical instruments and supplies.....	89.9	88.9	89.2	85.0	86.3	59.5	58.1	58.3	56.2	56.7	
386	Photographic equipment and supplies.....	(*)	103.4	104.8	106.2	105.9	(*)	51.2	52.7	54.2	53.8	
387	Watches, clocks, and watchcases.....	-	29.7	29.6	29.3	29.1	-	24.2	24.2	23.4	23.6	
MISCELLANEOUS MANUFACTURING INDUSTRIES												
39	Jewelry, silverware, and plated ware.....	405.1	398.7	409.8	393.7	410.6	312.8	305.5	316.6	300.0	317.5	
391	Jewelry, silverware, and plated ware.....	50.8	50.7	51.3	48.5	49.3	38.1	37.8	38.6	35.9	36.8	
394	Toys and sporting goods.....	-	103.6	110.8	100.4	114.1	-	82.0	88.1	78.9	92.1	
3941-3	Games, toys, dolls, & play vehicles....	-	51.9	59.2	51.7	63.2	-	39.8	45.9	39.7	50.6	
3949	Sporting and athletic goods, n e c.....	-	51.7	51.6	48.7	50.9	-	42.2	42.2	39.2	41.5	
395	Pens, pencils, office, and art supplies....	-	31.1	31.3	31.4	31.4	-	21.2	21.6	22.0	22.0	
396	Costume jewelry and notions.....	-	55.9	57.6	57.1	58.3	-	45.1	47.3	45.7	47.4	
393,9	Other manufacturing industries.....	158.4	157.4	158.8	156.3	157.5	121.0	119.4	121.0	117.5	119.3	
395	Musical instruments and parts.....	-	21.6	22.3	20.1	20.5	-	17.4	18.2	15.7	16.3	
<i>Nondurable Goods</i>												
20	FOOD AND KINDRED PRODUCTS	1,668.8	1,691.6	1,734.0	1,696.1	1,753.5	1,100.4	1,122.2	1,163.7	1,124.2	1,179.7	
201	Meat products.....	(*)	341.4	351.3	339.4	346.7	(*)	279.8	290.0	278.1	285.0	
2011	Meat packing plants.....	-	179.4	183.5	179.5	181.7	-	143.1	147.8	143.5	145.6	
2013	Sausages and other prepared meats.....	-	61.6	62.0	61.6	61.8	-	45.2	45.6	45.4	45.4	
2015	Poultry dressing plants.....	-	100.4	105.8	98.3	103.2	-	91.5	96.6	89.2	94.0	
202	Dairy products.....	222.8	223.8	226.3	232.7	233.7	107.0	107.2	108.8	110.1	112.4	
2024	Ice cream and frozen desserts.....	-	23.5	23.7	24.5	26.4	-	12.1	12.0	12.4	13.6	
2026	Fluid milk.....	-	156.6	157.8	163.8	162.0	-	61.4	62.0	63.2	63.4	
203	Canned, cured, and frozen foods.....	-	237.5	251.6	232.6	278.4	-	190.8	203.7	185.5	230.7	
2031,6	Canned, cured, and frozen sea foods....	-	37.5	38.3	34.0	38.2	-	32.8	33.4	28.6	33.0	
2032,3	Canned food, except sea foods.....	-	108.3	118.0	104.5	143.3	-	81.3	90.3	78.3	116.0	
2037	Frozen fruits and vegetables.....	-	61.5	63.2	60.1	62.4	-	54.2	55.7	52.0	54.8	
204	Grain mill products.....	131.1	132.6	133.2	135.2	135.6	92.0	93.2	94.2	96.0	96.4	
2041	Flour and other grain mill products.....	-	27.9	28.0	28.3	27.9	-	20.5	20.7	21.1	20.6	
2042	Prepared feeds for animals and fowls....	-	64.7	64.5	66.4	67.0	-	42.5	42.6	43.9	44.6	
205	Bakery products.....	268.8	268.9	271.1	267.8	270.9	155.7	156.1	158.4	157.1	159.3	
2051	Bread, cake, and related products.....	-	223.7	225.8	223.1	225.6	-	119.9	122.3	121.0	122.7	
2052	Cookies and crackers.....	-	45.2	45.3	44.7	45.4	-	36.2	36.1	36.1	36.6	
206	Sugar.....	-	37.9	41.1	37.2	32.5	-	28.3	33.8	29.5	25.1	
207	Confectionery and related products.....	(*)	78.9	81.5	77.9	77.9	(*)	63.8	66.2	62.3	62.7	
2071	Confectionery products.....	-	61.6	64.4	61.7	61.1	-	50.8	53.4	50.1	50.0	
208	Beverages.....	224.6	226.6	233.2	229.6	235.2	107.2	109.6	114.5	112.9	116.1	
2082	Malt liquors.....	-	53.5	54.9	56.1	56.5	-	35.3	36.4	36.9	37.6	
2086	Bottled and canned soft drinks.....	-	127.7	130.1	128.5	132.3	-	45.4	46.4	46.4	48.2	
209	Misc. foods and kindred products.....	143.4	144.0	144.7	143.7	142.7	93.2	93.4	94.1	92.7	92.1	
21	TOBACCO MANUFACTURES	69.3	70.1	73.4	78.0	73.6	56.7	57.6	60.5	64.8	60.6	
211	Cigarettes.....	-	40.3	40.6	42.1	40.5	-	32.4	32.6	33.9	32.4	
212	Cigars.....	-	15.0	15.6	16.6	15.9	-	13.4	13.9	15.0	14.3	
22	TEXTILE MILL PRODUCTS	978.5	974.2	976.3	955.7	961.7	861.1	856.5	858.0	837.8	843.5	
221	Weaving mills, cotton.....	212.2	211.8	212.9	218.9	213.4	193.6	193.0	193.8	198.8	193.8	
222	Weaving mills, synthetics.....	97.5	97.3	97.2	95.4	95.1	86.7	86.6	86.3	84.0	84.1	
223	Weaving and finishing mills, wool.....	28.6	28.1	27.4	32.0	29.8	23.7	23.4	22.7	27.1	24.8	
224	Narrow fabric mills.....	30.3	30.5	30.8	29.3	29.8	26.7	26.9	27.0	26.0	26.2	
225	Knitting mills.....	251.9	250.2	251.5	236.4	246.0	221.2	219.6	220.7	206.5	215.8	
2251	Women's hosiery, except socks.....	-	56.9	57.3	61.6	58.5	-	51.1	51.4	55.0	52.4	
2252	Hosiery, n e c.....	-	34.2	34.4	34.9	34.9	-	30.6	30.6	31.1	31.1	
2253	Knit outerwear mills.....	-	76.3	77.3	66.3	73.8	-	65.6	66.8	56.7	63.7	
2254	Knit underwear mills.....	-	32.3	32.4	29.6	31.0	-	28.6	28.6	26.1	27.3	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Nondurable Goods--Continued</i>										
	TEXTILE MILL PRODUCTS--Continued										
226	Textile finishing, except wool	87.5	87.7	87.6	83.5	85.1	74.2	74.2	74.2	70.5	71.9
227	Floor covering mills	-	57.4	57.6	56.3	55.6	-	45.9	46.3	44.3	43.9
228	Yarn and thread mills	138.6	137.7	137.7	132.2	134.6	127.6	126.5	126.6	121.8	123.7
229	Miscellaneous textile goods	73.6	73.5	73.6	71.7	72.4	60.6	60.4	60.4	58.8	59.4
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,359.0	1,334.9	1,355.6	1,338.8	1,361.5	1,187.6	1,164.5	1,183.5	1,171.2	1,190.8
231	Men's and boys' suits and coats	111.0	110.8	111.4	110.1	108.6	97.5	97.3	97.4	96.6	95.0
232	Men's and boys' furnishings	390.5	388.8	392.4	373.7	385.3	342.1	340.7	344.0	329.3	339.1
2321	Men's and boys' shirts and nightwear ..	-	120.5	121.9	116.9	119.3	-	106.6	107.9	103.8	105.9
2327	Men's and boys' separate trousers	-	86.2	86.0	83.4	84.7	-	77.0	76.6	74.5	75.8
2328	Men's and boys' work clothing	-	87.2	88.3	84.5	85.5	-	76.1	77.3	72.9	74.8
233	Women's and misses' outerwear	414.2	402.6	409.5	428.4	428.3	366.4	354.3	361.4	379.2	378.4
2331	Women's and misses' blouses and waists ..	-	41.6	42.1	46.9	44.8	-	36.9	37.3	42.1	39.8
2335	Women's and misses' dresses	-	190.3	193.5	209.6	207.7	-	170.5	174.0	189.1	187.2
2337	Women's and misses' suits and coats	-	72.3	76.5	73.3	79.5	-	62.2	66.5	63.1	68.9
2339	Women's and misses' outerwear, n e c	-	98.4	97.4	98.6	96.4	-	84.7	83.6	84.9	82.5
234	Women's and children's undergarments ..	112.2	110.2	112.7	110.6	112.0	97.2	95.2	97.5	95.6	96.9
2341	Women's and children's underwear	-	77.2	78.9	77.9	79.1	-	67.6	69.2	68.5	69.5
2342	Corsets and allied garments	-	33.0	33.8	32.7	32.9	-	27.6	28.3	27.1	27.4
235	Hats, caps, and millinery	-	16.5	17.1	17.3	16.7	-	14.7	15.2	15.4	14.9
236	Children's outerwear	76.0	73.7	73.4	74.2	75.9	68.0	65.7	65.3	66.3	67.7
2361	Children's dresses and blouses	-	30.6	30.0	32.8	32.4	-	28.0	27.2	29.7	29.2
237,8	Fur goods and miscellaneous apparel	-	69.3	72.7	68.0	72.2	-	59.3	62.4	57.2	61.6
239	Misc. fabricated textile products	(*)	163.0	166.4	156.5	162.6	(*)	137.3	140.3	131.6	137.2
2391,2	Housefurnishings	-	66.9	68.3	63.6	66.1	-	57.5	58.7	54.0	56.6
26	PAPER AND ALLIED PRODUCTS	682.3	684.7	693.5	689.7	687.5	522.9	525.1	532.6	527.1	525.9
261,2,6	Paper and pulp mills	(*)	206.8	209.2	213.5	210.4	(*)	160.1	162.2	163.4	161.8
263	Paperboard mills	71.1	71.1	71.8	71.2	70.2	57.1	56.8	56.9	55.9	55.2
264	Misc. converted paper products	190.5	190.1	192.6	186.5	189.2	138.0	137.3	139.4	135.0	136.9
2643	Bags, except textile bags	-	42.0	42.7	42.6	42.3	-	33.6	33.8	33.7	33.4
265	Paperboard containers and boxes	215.6	216.3	219.9	218.5	217.7	169.3	170.2	174.1	172.8	172.0
2651,2	Folding and setup paperboard boxes	-	62.6	65.0	64.9	64.1	-	50.9	53.2	53.1	52.4
2653	Corrugated and solid fiber boxes	-	105.4	106.0	103.9	104.3	-	80.6	81.2	79.1	79.5
2654	Sanitary food containers	-	29.7	29.9	31.3	30.7	-	23.9	24.1	25.4	24.9
27	PRINTING AND PUBLISHING	1,084.7	1,084.2	1,091.4	1,094.2	1,087.7	660.7	660.9	667.8	668.6	664.6
271	Newspapers	(*)	372.2	373.2	370.0	370.0	(*)	180.8	181.6	178.9	179.6
272	Periodicals	-	70.3	70.5	75.7	73.2	-	21.7	21.9	24.7	22.6
273	Books	-	103.8	102.7	101.8	102.0	-	58.5	56.9	55.2	56.2
275	Commercial printing	348.0	348.3	350.8	351.4	349.0	264.8	266.1	269.5	269.8	267.9
2751	Commercial printing, ex. lithographic ..	-	207.4	209.9	211.1	209.1	-	160.5	163.9	164.1	162.9
2752	Commercial printing, lithographic	-	129.2	129.2	128.6	128.2	-	96.9	96.9	97.1	96.3
278	Blankbooks and bookbinding	53.4	53.1	54.2	55.2	54.7	44.0	43.6	44.6	45.5	45.1
274,6,7,9	Other publishing & printing ind.	136.8	136.5	140.0	140.1	139.6	90.0	90.2	93.3	94.5	93.1
28	CHEMICALS AND ALLIED PRODUCTS	999.7	995.7	1,001.0	1,021.7	1,014.8	578.1	573.9	577.6	582.0	583.1
281	Industrial chemicals	(*)	304.6	307.3	316.6	312.8	(*)	166.7	167.8	171.0	170.3
2812	Alkalies and chlorine	-	20.5	20.6	20.5	21.0	-	13.8	14.0	13.3	14.2
2818	Industrial organic chemicals, n e c	-	123.1	124.0	128.0	126.1	-	55.7	55.6	55.7	56.0
2819	Industrial inorganic chemicals, n e c	-	95.9	97.1	100.2	99.1	-	54.7	55.3	58.1	57.1
282	Plastics materials and synthetics	(*)	206.5	207.1	209.0	208.0	(*)	139.8	139.9	138.0	139.0
2821	Plastics materials and resins	-	84.9	84.9	87.0	86.0	-	52.9	52.7	53.5	52.9
2823,4	Synthetic fibers	-	108.6	109.1	108.3	108.6	-	77.8	78.1	75.1	76.9
283	Drugs	149.1	148.8	148.9	148.0	149.3	73.9	73.2	73.7	72.3	73.2
2834	Pharmaceutical preparations	-	117.1	117.2	115.9	117.4	-	56.7	57.0	55.8	56.7
284	Soap, cleaners, and toilet goods	121.0	119.9	122.1	122.8	123.7	68.3	67.1	69.1	69.0	69.9
2841	Soap and other detergents	-	41.6	42.0	41.4	41.7	-	26.9	27.3	26.6	27.0
2844	Toilet preparations	-	46.3	48.2	49.6	49.9	-	24.5	26.1	27.0	27.1
285	Paints and allied products	67.3	66.4	66.5	66.8	67.6	35.9	35.9	36.0	36.3	37.1
287	Agricultural chemicals	56.0	54.7	54.1	54.7	55.1	34.8	33.8	33.2	33.1	33.3
2871,2	Fertilizers, complete & mixing only	-	37.5	37.3	38.0	38.2	-	25.5	25.3	25.0	25.2
286,9	Other chemical products	93.6	94.8	95.0	103.8	98.5	56.2	57.4	57.9	62.3	60.2
2892	Explosives	-	22.8	22.6	30.2	25.4	-	15.1	15.0	20.9	17.4
29	PETROLEUM AND COAL PRODUCTS	182.9	183.7	188.6	186.9	189.8	109.7	110.2	115.1	112.4	116.1
291	Petroleum refining	147.6	148.3	152.6	152.1	153.1	84.8	85.1	89.4	88.3	89.9
295,9	Other petroleum and coal products	35.3	35.4	36.0	34.8	36.7	24.9	25.1	25.7	24.1	26.2

See footnotes at end of table.

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

SIC Code	Industry	All employees					Production workers ¹				
		Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Non-durable Goods--Continued</i>										
30	RUBBER AND PLASTICS PRODUCTS, NEC	599.8	596.7	597.8	561.5	582.0	464.0	461.0	462.8	428.8	448.0
301	Tires and inner tubes	128.9	128.9	129.4	118.5	125.8	91.4	91.4	92.3	83.0	89.2
302,3,6	Other rubber products	175.6	176.0	175.8	169.4	171.5	138.6	139.1	138.8	131.4	134.2
302	Rubber footwear	-	27.6	27.6	26.2	26.8	-	23.6	23.7	22.5	23.1
307	Miscellaneous plastics products	295.3	291.8	292.6	273.6	284.7	234.0	230.5	231.7	214.4	224.6
31	LEATHER AND LEATHER PRODUCTS . . .	309.0	305.8	308.0	310.0	307.9	264.6	261.6	263.0	263.8	262.3
311	Leather tanning and finishing	25.3	25.1	25.3	25.5	25.5	21.8	21.6	21.8	21.8	22.0
314	Footwear, except rubber	207.1	206.1	206.4	207.8	206.1	180.3	179.1	178.9	180.1	178.4
312,3,5-7,9	Other leather products	(*)	74.6	76.3	76.7	76.4	(*)	60.9	62.3	61.9	62.0
316	Luggage	-	14.2	15.4	15.6	15.9	-	10.7	11.8	11.8	12.1
317	Handbags and personal leather goods	-	34.4	34.7	34.6	34.6	-	29.0	29.3	29.1	29.1
	TRANSPORTATION AND PUBLIC UTILITIES.	4,427	4,439	4,469	4,435	4,481	3,832	3,842	3,868	3,834	3,879
40	RAILROAD TRANSPORTATION	-	566.6	568.7	605.8	598.1	-	-	-	-	-
4011	Class I railroads ²	-	512.4	513.8	541.0	538.1	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT.	-	274.3	272.6	287.8	270.6	-	-	-	-	-
411	Local and suburban transportation	-	67.9	67.8	76.7	70.6	-	63.7	63.8	72.3	66.3
412	Taxicabs	-	107.6	105.7	110.5	105.7	-	-	-	-	-
413	Intercity highway transportation	-	43.2	43.2	42.9	43.7	-	39.8	39.7	39.4	40.1
42	TRUCKING AND WAREHOUSING.	-	1,106.2	1,135.6	1,075.7	1,114.6	-	997.7	1,025.3	965.7	1,004.0
421,3	Trucking and trucking terminals	-	1,015.7	1,042.8	986.8	1,026.5	-	919.7	944.9	889.4	928.3
422	Public warehousing	-	90.5	92.8	88.9	88.0	-	78.0	80.4	76.3	75.7
45	TRANSPORTATION BY AIR.	-	328.0	330.2	334.5	333.2	-	-	-	-	-
451,2	Air transportation	-	301.1	303.2	307.2	306.2	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.	-	17.7	17.7	17.7	18.0	-	13.7	13.8	13.7	14.0
44,47	OTHER TRANSPORTATION AND SERVICES	-	316.2	315.3	303.9	306.5	-	-	-	-	-
44	WATER TRANSPORTATION	-	215.6	213.4	199.7	200.5	-	-	-	-	-
47	TRANSPORTATION SERVICES.	-	100.6	101.9	104.2	106.0	-	-	-	-	-
48	COMMUNICATION.	-	1,118.3	1,117.3	1,113.5	1,128.8	-	871.6	870.8	868.3	883.6
481	Telephone communication	-	934.1	933.2	932.8	949.5	-	736.4	735.5	736.1	750.5
482	Telegraph communication ³	-	(*)	28.2	28.6	28.8	-	(*)	19.3	19.3	19.6
483	Radio and television broadcasting	-	130.9	131.2	131.6	131.5	-	105.5	105.7	104.9	106.6
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	711.4	711.9	695.7	711.4	-	606.7	607.2	595.9	608.9
491	Electric companies and systems	-	299.1	298.5	288.2	295.9	-	255.5	255.0	244.8	252.2
492	Gas companies and systems	-	167.9	167.9	164.3	167.8	-	141.7	141.8	139.0	142.2
493	Combination companies and systems	-	186.5	187.0	188.3	190.2	-	158.6	159.0	163.9	163.9
494-7	Water, steam, & sanitary systems	-	57.9	58.5	54.9	57.6	-	50.9	51.4	48.2	50.6
-	WHOLESALE AND RETAIL TRADE.	15,166	15,270	16,089	14,862	15,174	13,430	13,534	14,350	13,180	13,466
50	WHOLESALE TRADE	3,882	3,877	3,915	3,810	3,855	3,237	3,233	3,272	3,184	3,220
501	Motor vehicles & automotive equipment	-	346.9	348.0	329.2	339.1	-	280.1	281.8	266.8	274.5
502	Drugs, chemicals, and allied products	-	235.1	236.4	238.2	237.2	-	190.3	190.7	192.0	190.7
503	Dry goods and apparel	-	151.8	153.1	150.7	151.9	-	119.0	120.3	118.5	119.8
504	Groceries and related products	-	551.7	572.4	546.5	557.4	-	481.1	500.2	478.1	487.1
506	Electrical goods	-	345.4	348.1	331.7	342.3	-	290.6	292.9	278.6	288.1
507	Hardware; plumbing & heating equipment	-	173.6	174.4	170.2	172.2	-	147.2	148.0	143.7	145.7
508	Machinery, equipment, and supplies	-	725.3	721.8	723.2	720.9	-	609.8	608.1	611.7	607.7
509	Miscellaneous wholesalers	-	1,247.4	1,254.8	1,221.9	1,239.9	-	1,032.0	1,041.3	1,012.3	1,027.5
52-59	RETAIL TRADE.	11,284	11,393	12,174	11,052	11,319	10,193	10,301	11,078	9,996	10,246
53	RETAIL GENERAL MERCHANDISE.	-	2,403.3	2,864.9	2,341.8	2,359.5	-	2,204.6	2,660.8	2,152.5	2,164.6
531	Department stores	-	1,582.3	1,911.5	1,555.6	1,551.4	-	1,455.8	1,781.2	1,434.2	1,426.5
532	Mail order houses	-	130.4	151.5	129.4	125.2	-	121.4	143.0	121.1	116.7
533	Variety stores	-	329.7	396.6	314.9	325.3	-	303.2	368.4	290.7	300.1
54	FOOD STORES.	-	1,810.7	1,832.0	1,760.1	1,770.7	-	1,681.1	1,703.8	1,635.9	1,645.2
541-3	Grocery, meat, and vegetable stores	-	1,643.6	1,658.1	1,591.6	1,602.4	-	1,524.9	1,540.8	1,478.5	1,488.0

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

56

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971
	WHOLESALE AND RETAIL TRADE (Continued)										
56	APPAREL AND ACCESSORY STORES....		744.1	847.7	741.2	733.0		661.0	765.2	661.5	652.8
561	Men's & boys' clothing & furnishings.....		136.0	157.9	138.0	129.8	-	121.7	144.0	124.3	116.3
562	Women's ready-to-wear stores.....		282.0	321.8	273.5	275.6	-	250.1	290.5	245.3	246.4
565	Family clothing stores.....		103.3	127.1	107.8	105.1	-	96.7	120.0	100.1	97.4
566	Shoe stores.....		147.6	156.8	148.3	148.7	-	125.8	135.2	126.3	127.2
57	FURNITURE AND HOME FURNISHINGS STORES		471.6	486.4	458.6	461.5	-	408.7	423.6	398.8	400.3
571	Furniture and home furnishings.....	-	294.7	304.0	288.5	292.0	-	254.1	263.4	249.1	251.7
58	EATING AND DRINKING PLACES.....	-	2,467.9	2,548.3	2,362.9	2,544.9	-	2,309.8	2,389.9	2,203.6	2,383.2
52,55,59	OTHER RETAIL TRADE.....	-	3,495.1	3,595.1	3,387.0	3,448.8	-	3,035.4	3,134.8	2,943.6	2,999.9
52	Building materials and farm equipment...	-	547.0	559.9	522.1	547.7	-	468.0	480.7	444.7	470.0
55	Automotive dealers & service stations...	-	1,642.2	1,653.3	1,597.0	1,631.0	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	760.3	762.0	733.6	751.6	-	640.9	642.1	615.6	632.0
553,9	Other automotive & accessory dealers...	-	250.3	256.8	231.6	246.0	-	212.3	219.9	198.1	211.0
554	Gasoline service stations.....	-	631.6	634.5	631.8	633.5	-	-	-	-	-
559	Miscellaneous retail stores.....	-	1,305.9	1,381.9	1,267.9	1,270.1	-	-	-	-	-
591	Drug stores and proprietary stores.....	-	462.5	476.5	462.8	454.7	-	415.3	430.1	411.9	406.9
594	Book and stationery stores.....	-	65.1	66.9	65.1	63.5	-	56.1	58.0	56.3	54.6
596	Farm and garden supply stores.....	-	108.9	108.3	105.6	107.3	-	-	-	-	-
598	Fuel and ice dealers.....	-	117.4	117.4	120.7	111.0	-	102.6	101.9	106.1	96.1
	FINANCE, INSURANCE, AND REAL ESTATE⁴.....	3,847	3,837	3,841	3,709	3,800	3,008	3,003	3,014	2,911	2,988
60	Banking.....	-	1,087.1	1,086.6	1,063.7	1,077.7	-	882.7	885.4	870.2	880.2
61	Credit agencies other than banks.....	-	391.3	388.0	368.9	378.3	-	303.9	301.4	287.8	294.3
612	Savings and loan associations.....	-	125.9	124.1	112.0	118.2	-	101.1	99.9	89.4	94.5
614	Personal credit institutions.....	-	193.4	192.9	190.5	191.4	-	-	-	-	-
62	Security, commodity brokers & services.....	-	207.1	208.1	198.8	207.4	-	175.5	176.1	167.9	175.9
63	Insurance carriers.....	-	1,076.7	1,075.4	1,059.8	1,069.7	-	742.7	743.1	737.7	742.6
631	Life insurance.....	-	558.2	557.2	554.8	557.4	-	327.9	327.5	329.2	329.5
632	Accident and health insurance.....	-	98.0	97.7	95.7	96.8	-	83.6	83.7	82.6	83.4
633	Fire, marine, and casualty insurance....	-	370.2	370.2	363.7	367.3	-	289.3	290.0	288.5	289.8
64	Insurance agents, brokers, and service....	-	287.8	287.3	273.6	281.7	-	-	-	-	-
65	Real estate.....	-	698.1	706.3	656.7	697.8	-	-	-	-	-
655	Subdividers and developers.....	-	101.2	101.8	86.5	103.5	-	-	-	-	-
656	Operative builders.....	-	50.0	51.9	41.3	48.8	-	-	-	-	-
66,67	Other finance, insurance, & real estate....	-	88.8	89.0	87.2	87.2	-	-	-	-	-
	SERVICES.....	12,039	11,941	12,029	11,611	11,917	10,877	10,806	10,893	10,516	10,792
70	Hotels and other lodging places.....	-	750.4	746.8	710.4	774.2	-	-	-	-	-
701	Hotels, tourist courts, and motels.....	-	614.6	621.4	625.6	664.3	-	566.1	572.2	576.5	614.6
72	Personal services.....	-	916.6	935.3	958.8	946.1	-	-	-	-	-
721	Laundries and dry cleaning plants.....	-	455.0	460.5	484.4	474.3	-	410.9	417.1	439.2	430.0
722	Photographic studios.....	-	38.4	42.7	38.0	39.6	-	34.5	38.4	32.6	34.8
73	Miscellaneous business services.....	-	1,653.0	1,668.4	1,627.0	1,636.9	-	-	-	-	-
731	Advertising.....	-	116.6	117.9	120.0	118.4	-	-	-	-	-
732	Credit reporting and collection.....	-	78.2	80.3	77.3	78.8	-	-	-	-	-
734	Services to buildings.....	-	307.5	309.1	296.9	302.5	-	-	-	-	-
76	Miscellaneous repair services.....	-	177.2	179.9	178.5	179.7	-	-	-	-	-
78	Motion pictures.....	-	181.1	189.7	193.0	196.5	-	-	-	-	-
781	Motion picture filming & distributing....	-	50.1	51.1	53.9	49.8	-	31.2	32.1	34.8	31.7
782,3	Motion picture theaters and services.....	-	131.0	138.6	139.1	146.7	-	-	-	-	-
80	Medical and other health services.....	-	3,325.6	3,312.8	3,147.5	3,239.6	-	-	-	-	-
806	Hospitals.....	-	1,983.1	1,978.9	1,916.4	1,956.7	-	1,814.3	1,811.4	1,760.2	1,792.5
81	Legal services.....	-	256.6	257.0	240.7	249.8	-	-	-	-	-
82	Educational services.....	-	1,193.2	1,220.5	1,179.8	1,158.6	-	-	-	-	-
821	Elementary and secondary schools.....	-	411.3	412.5	411.7	395.8	-	-	-	-	-
822	Colleges and universities.....	-	651.0	676.4	653.8	640.7	-	-	-	-	-
89	Miscellaneous services.....	-	688.3	682.3	668.6	674.1	-	-	-	-	-
891	Engineering & architectural services....	-	313.0	314.0	297.3	307.7	-	-	-	-	-
892	Nonprofit research agencies.....	-	113.1	112.6	106.2	109.6	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**
B-2: Employees on nonagricultural payrolls, by industry--Continued

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
-	GOVERNMENT	13,302	13,169	13,229	12,799	12,858					
91	FEDERAL GOVERNMENT ⁵	2,651	2,646	2,684	2,640	2,664	-	-	-	-	-
	Executive	-	-	2,645.2	2,602.2	2,625.4	-	-	-	-	-
	Department of Defense	-	-	995.4	999.9	999.3	-	-	-	-	-
	Postal Service	-	-	738.9	720.6	715.2	-	-	-	-	-
	Other agencies	-	-	910.9	881.7	910.8	-	-	-	-	-
	Legislative	-	-	31.1	30.3	31.3	-	-	-	-	-
	Judicial	-	-	8.1	7.2	7.7	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,651	10,523	10,545	10,159	10,194	-	-	-	-	-
92	State government	-	2,846.1	2,868.3	2,749.0	2,774.0	-	-	-	-	-
	State education	-	1,223.1	1,252.8	1,172.7	1,158.1	-	-	-	-	-
	Other State government	-	1,623.0	1,615.5	1,576.3	1,615.8	-	-	-	-	-
93	Local government	-	7,677.2	7,676.2	7,410.3	7,419.7	-	-	-	-	-
	Local education	-	4,393.3	4,398.3	4,256.1	4,161.0	-	-	-	-	-
	Other local government	-	3,283.9	3,277.9	3,154.2	3,258.7	-	-	-	-	-

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. Annual average based on 9-month average.

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.

* Not available.

P=preliminary.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	1971		1970		1969	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	TOTAL	26,244	37	26,022	37	25,547	36
-	PRIVATE SECTOR	20,766	36	20,698	36	20,436	35
-	MINING	37	6	37	6	37	6
10	METAL MINING	2.8	3	2.7	3	2.6	3
11,12	COAL MINING	2.4	2	2.4	2	2.1	2
13	OIL AND GAS EXTRACTION	26.5	10	27.0	10	26.8	10
131,2	Crude petroleum and natural gas fields	18.3	13	18.7	13	18.9	13
138	Oil and gas field services	8.1	7	8.3	7	7.9	6
14	NONMETALLIC MINERALS, EXCEPT FUELS	5.2	5	5.2	5	5.1	4
142	Crushed and broken stone	1.9	5	1.9	5	1.8	5
144	Sand and gravel	1.6	4	1.5	4	1.4	4
	CONTRACT CONSTRUCTION	168	5	167	5	162	5
15	GENERAL BUILDING CONTRACTORS	47.7	5	46.5	5	44.2	4
16	HEAVY CONSTRUCTION CONTRACTORS	28.1	4	28.7	4	27.5	4
161	Highway and street construction	10.0	3	10.7	3	10.3	3
162	Heavy construction, n e c	18.0	5	18.0	5	17.3	5
17	SPECIAL TRADE CONTRACTORS	92.1	6	92.1	6	90.3	5
171	Plumbing, heating, air conditioning	28.4	7	28.4	7	27.6	7
172	Painting, paper hanging, decorating	7.4	6	7.3	6	7.2	5
173	Electrical work	15.0	5	14.8	5	14.5	5
174	Masonry, stonework, and plastering	8.2	4	8.2	4	8.2	4
176	Roofing and sheet metal work	6.6	6	7.2	6	7.0	6
	MANUFACTURING	5,210	28	5,446	28	5,667	28
19,24,25,32-39	DURABLE GOODS	2,109	20	2,279	20	2,446	21
20-23,26-31	NONDURABLE GOODS	3,101	39	3,167	39	3,221	39
	<i>Durable Goods</i>						
19	ORDNANCE AND ACCESSORIES	44.4	23	61.3	25	84.2	27
192	Ammunition, except for small arms	32.9	24	45.6	27	64.6	28
1925	Complete guided missiles	15.4	17	17.9	18	23.0	18
1929	Ammunition, exc. for small arms, n e c	17.5	40	27.7	39	41.7	39
24	LUMBER AND WOOD PRODUCTS	59.4	10	59.8	10	63.6	10
241	Logging camps, & logging contractors	2.6	4	3.1	4	3.7	5
242	Sawmills and planing mills	11.9	6	12.5	6	13.1	6
2421	Sawmills and planing mills, general	8.6	5	9.0	5	9.4	5
243	Millwork, plywood & related products	20.3	11	18.7	11	20.1	12
2431	Millwork	11.1	14	10.0	14	10.5	14
2432	Veneer and plywood	7.4	10	7.0	10	8.0	11
244	Wooden containers	5.9	20	6.4	19	6.8	19
2441,2	Wooden boxes, shooks, and crates	4.9	20	5.4	20	5.7	19
249	Miscellaneous wood products	18.8	22	19.1	22	19.9	22
25	FURNITURE AND FIXTURES	114.9	25	112.0	24	116.8	24
251	Household furniture	89.6	27	85.3	27	89.1	26
2511	Wood household furniture	40.5	24	38.1	24	41.6	24
2512	Upholstered household furniture	28.2	31	26.6	30	26.7	30
2515	Mattresses and bedsprings	10.8	29	10.7	29	11.3	29
252	Office furniture	5.5	16	6.1	16	6.3	16
254	Partitions and fixtures	6.0	12	6.1	12	5.7	11
253,9	Other furniture and fixtures	13.8	29	14.6	29	15.7	29
32	STONE, CLAY, AND GLASS PRODUCTS	101.7	16	106.2	17	107.3	16
321	Flat glass	1.7	7	1.7	7	1.7	6
322	Glass and glassware, pressed or blown	42.1	33	44.5	34	43.2	33
3221	Glass containers	26.5	36	28.4	37	26.3	36
3229	Pressed and blown glass n e c	15.6	29	16.1	29	16.9	29
324	Cement, hydraulic	1.2	4	1.3	4	1.4	4
325	Structural clay products	6.6	12	6.7	11	7.3	11
3251	Brick and structural clay tile	1.2	5	1.3	5	1.3	5
326	Pottery and related products	12.9	32	13.9	32	14.7	33
327	Concrete, gypsum, and plaster products	10.8	6	11.0	6	10.6	6
328,9	Other stone and nonmetallic mineral products	18.6	14	19.1	14	20.2	14
3291	Abrasive products	5.0	20	5.3	20	5.6	20

ESTABLISHMENT DATA
WOMEN EMPLOYEES
B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	1971		1970		1969	
		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	87.1	7	93.2	7	95.8	7
331	Blast furnace and basic steel products	26.8	5	29.0	5	28.7	4
3312	Blast furnaces and steel mills	20.4	4	22.0	4	21.5	4
332	Iron and steel foundries	10.6	5	11.9	5	11.7	5
3321	Gray iron foundries	5.3	4	6.1	4	6.2	4
3322	Malleable iron foundries	1.0	4	1.1	5	1.2	5
3323	Steel foundries	4.3	7	4.7	7	4.2	7
333,4	Nonferrous metals	3.4	4	3.8	4	3.9	4
3334	Primary aluminum . . . . .	.8	3	.9	3	.9	3
335	Nonferrous rolling and drawing	31.2	15	31.8	15	33.1	15
3351	Copper rolling and drawing	3.2	8	3.6	8	3.8	8
3352	Aluminum rolling and drawing	6.7	10	7.0	10	7.0	9
3357	Nonferrous wire drawing and insulating	18.5	24	17.7	23	18.7	24
336	Nonferrous foundries	10.4	14	11.4	14	12.8	14
3361	Aluminum castings	4.3	11	4.7	11	5.1	11
3362,9	Other nonferrous castings	6.1	16	6.7	17	7.7	17
339	Miscellaneous primary metal products	4.7	7	5.3	7	5.7	7
3391	Iron and steel forgings	2.5	6	2.9	6	3.0	6
34	FABRICATED METAL PRODUCTS	240.3	18	250.6	18	266.8	19
341	Metal cans	11.9	17	11.9	16	11.6	16
342	Cutlery, hand tools, and hardware	48.3	32	48.6	32	54.5	33
3421,3,5	Cutlery and hand tools, incl. saws	16.2	26	16.6	26	17.1	26
3429	Hardware, n e c	32.1	36	32.0	36	37.4	38
343	Plumbing and heating, except electric	13.5	17	13.4	16	13.7	16
3431,2	Sanitary ware & plumbers' brass goods	7.2	19	7.1	19	7.2	18
3433	Heating equipment, except electric	6.3	15	6.3	14	6.5	14
344	Fabricated structural metal products	43.6	10	43.0	10	42.7	10
3441	Fabricated structural steel	5.6	5	5.8	5	5.7	5
3442	Metal doors, sash, and trim	15.5	22	14.4	22	14.8	21
3443	Fabricated plate work (boiler shops)	7.9	7	8.0	7	8.0	7
3444	Sheet metal work	9.9	13	10.3	13	10.0	12
3446,9	Architectural and misc. metal work	4.7	10	4.6	9	4.2	8
345	Screw machine products, bolts, etc.	18.8	20	22.1	21	24.3	22
3451	Screw machine products	9.1	22	10.9	23	12.0	24
3452	Bolts, nuts, rivets, and washers	9.7	19	11.2	19	12.4	20
346	Metal stampings	46.0	21	49.1	21	53.6	21
347	Metal services, n e c	14.5	19	16.6	20	18.7	20
348	Misc. fabricated wire products	16.3	25	16.5	25	17.6	25
349	Misc. fabricated metal products	27.4	18	29.2	18	30.1	19
3494,8	Valves, pipe, and pipe fittings	16.2	17	16.4	17	16.6	18
35	MACHINERY, EXCEPT ELECTRICAL	262.3	15	295.3	15	304.3	15
351	Engines and turbines	16.1	14	15.4	14	16.0	14
3511	Steam engines and turbines	5.0	11	4.7	12	4.6	12
3519	Internal combustion engines, n e c	11.1	15	10.7	15	11.4	16
352	Farm machinery	12.7	10	13.2	10	13.7	10
353	Construction and related machinery	25.8	9	27.4	9	26.4	9
3531,2	Construction and mining machinery	11.7	8	12.5	8	12.0	8
3533	Oil field machinery	4.3	10	4.4	10	4.1	9
3535,6	Conveyors, hoists, cranes, monorails	4.1	11	4.4	10	4.6	11
3537	Industrial trucks and tractors	2.8	9	3.2	10	3.3	10
354	Metal working machinery	30.8	12	36.6	12	39.0	11
3541	Machine tools, metal cutting types	5.0	10	6.6	10	7.4	10
3544	Special dies, tools, jigs & fixtures	7.5	7	8.6	7	9.0	7
3545	Machine tool accessories	8.2	18	10.3	19	11.4	19
3542,8	Misc. metal working machinery	10.0	15	11.1	15	11.3	14
355	Special industry machinery	21.6	12	23.8	12	24.5	12
3551	Food products machinery	4.8	12	5.1	12	5.2	12
3552	Textile machinery	4.8	14	5.1	13	5.5	13
3555	Printing trades machinery	3.7	13	4.2	13	4.5	13
356	General industrial machinery	39.3	16	45.1	16	48.1	17
3561	Pumps and compressors	9.0	13	10.1	13	10.4	13
3562	Ball and roller bearings	10.5	2, 1	13, 4	23	15.0	24
3564	Blowers and fans	6.0	19	6.4	19	6.2	19
3566	Power transmission equipment	6.1	13	6.6	13	7.3	14
357	Office and computing machines	64.3	26	77.3	27	77.3	28
3573	Electronic computing equipment	42.8	25	50.9	27	50.5	28
358	Service industry machines	23.1	17	24.7	17	24.7	17
3585	Refrigeration machinery	13.2	15	14.6	15	14.5	15
359	Misc. machinery, except electrical	28.7	14	31.9	15	34.7	15

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	1971		1970		1969	
		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	685.5	38	751.9	39	811.4	40
361	Electrical test & distributing equipment	59.7	31	66.0	32	67.8	33
3611	Electric measuring instruments	25.9	41	29.0	42	29.9	43
3612	Transformers	12.5	23	14.0	25	14.1	26
3613	Switchgear and switchboard apparatus	21.4	27	23.0	28	23.9	29
362	Electrical industrial apparatus	62.4	31	70.3	32	75.0	34
3621	Motors and generators	33.4	31	38.0	32	40.5	33
3622	Industrial controls	19.9	38	22.0	38	24.0	39
363	Household appliances	46.5	25	48.0	26	47.2	25
3632	Household refrigerators and freezers	10.3	17	10.3	17	10.7	18
3633	Household laundry equipment	4.3	16	4.3	16	4.1	16
3634	Electric housewares and fans	22.0	47	23.6	49	23.1	49
364	Electric lighting and wiring equipment	76.7	42	83.6	43	88.1	43
3641	Electric lamps	22.6	64	24.0	63	24.8	65
3642	Lighting fixtures	20.2	32	21.1	33	22.5	34
3643,4	Wiring devices	33.9	40	38.5	41	40.8	41
365	Radio and TV receiving equipment	72.7	53	71.8	53	87.6	56
366	Communication equipment	156.2	35	178.6	36	185.3	35
3661	Telephone and telegraph apparatus	71.2	46	76.4	47	65.7	45
3662	Radio and TV communication equipment	85.0	30	102.2	30	119.6	31
367	Electronic components and accessories	172.7	52	195.8	53	222.1	56
3671-3	Electron tubes	25.0	45	27.3	45	32.9	48
3674,9	Other electronic components	147.7	53	168.5	55	189.3	58
369	Misc. electrical equipment & supplies	38.6	33	37.8	32	38.3	31
3694	Engine electrical equipment	21.4	35	20.3	34	20.7	32
37	TRANSPORTATION EQUIPMENT	176.6	10	193.7	11	222.3	11
371	Motor vehicles and equipment	74.2	8	71.1	9	76.5	8
3711	Motor vehicles	25.2	7	23.4	7	25.0	6
3712	Passenger car bodies	2.3	4	1.7	4	1.9	3
3713	Truck and bus bodies	2.5	7	2.6	7	2.6	6
3714	Motor vehicle parts and accessories	43.0	12	42.1	12	45.6	12
3715	Truck trailers	1.1	5	1.3	5	1.4	5
372	Aircraft and parts	73.3	14	95.0	14	119.2	15
3721	Aircraft	40.4	14	53.9	15	70.5	15
3722	Aircraft engines and engine parts	19.6	13	24.1	13	27.7	14
3723,9	Other aircraft parts and equipment	13.3	14	17.0	14	21.0	15
373	Ship and boat building and repairing	9.5	6	9.2	5	9.6	5
3731	Ship building and repairing	5.6	4	5.7	4	5.8	4
3732	Boat building and repairing	4.0	11	3.6	10	3.8	8
374	Railroad equipment	3.6	7	3.6	7	3.3	6
375,9	Other transportation equipment	16.0	13	14.9	14	13.7	13
38	INSTRUMENTS AND RELATED PRODUCTS	156.5	36	166.8	36	175.3	37
381	Engineering & scientific instruments	15.1	24	17.8	25	20.0	25
382	Mechanical measuring & control devices	34.9	36	39.0	36	42.3	37
3821	Mechanical measuring devices	18.7	31	21.3	31	22.2	31
3822	Automatic temperature controls	16.2	44	17.8	45	20.1	47
383,5	Optical and ophthalmic goods	20.7	41	21.6	41	22.1	41
385	Ophthalmic goods	16.5	48	16.7	48	16.5	48
384	Medical instruments and supplies	41.8	48	41.4	49	40.2	49
386	Photographic equipment and supplies	25.9	24	27.9	25	28.5	26
387	Watches, clocks, and watchcases	18.2	63	19.1	61	22.2	63
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	180.3	44	187.9	44	197.6	45
391	Jewelry, silverware, and plated ware	19.7	40	20.3	40	21.8	41
394	Toys and sporting goods	58.4	51	60.6	52	66.6	54
3941-3	Games, toys, dolls, & play vehicles	34.9	55	38.2	57	42.8	60
3949	Sporting and athletic goods, n e c	23.5	45	22.4	45	23.8	45
395	Pens, pencils, office and art supplies	16.0	51	17.8	53	18.3	53
396	Costume jewelry and notions	31.2	54	34.1	56	34.3	56
393,9	Other manufacturing industries	54.9	35	55.1	34	56.7	34
393	Musical instruments and parts	8.0	39	7.8	36	8.6	35
	<i>Nondurable Goods</i>						
20	FOOD AND KINDRED PRODUCTS	448.8	26	460.7	26	462.4	26
201	Meat products	98.2	28	98.7	29	94.6	28
2011	Meat packing plants	24.9	14	25.2	14	25.8	14
2013	Sausages and other prepared meats	17.7	29	17.4	29	17.2	30
2015	Poultry dressing plants	55.6	54	56.1	55	51.6	55
202	Dairy products	39.0	17	39.8	16	39.9	16
2024	Ice cream and frozen desserts	6.1	23	6.2	23	5.9	22

ESTABLISHMENT DATA
WOMEN EMPLOYEES

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

SIC Code	Industry	1971		1970		1969	
		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	22.8	14	23.5	14	23.8	13
203	Canned, cured, and frozen foods	119.4	43	123.3	43	125.1	43
2031,6	Canned, cured, and frozen sea foods	22.9	60	26.0	60	25.7	60
2032,3	Canned food, except sea foods	52.5	37	50.0	36	53.1	37
2037	Frozen fruits and vegetables	30.5	49	33.2	50	32.1	49
204	Grain mill products	19.5	14	19.3	14	19.3	15
2041	Flour and other grain mill products	3.1	11	3.1	11	3.2	11
2042	Prepared feeds for animals and fowls	9.1	14	8.7	13	8.4	13
205	Bakery products	66.6	25	68.9	25	68.9	25
2051	Bread, cake, and related products	45.4	20	47.4	21	48.5	21
2052	Cookies and crackers	21.2	47	21.5	47	20.4	47
206	Sugar	3.0	9	3.1	9	3.1	9
207	Confectionery and related products	37.2	48	40.2	49	43.6	50
2071	Confectionery products	30.7	50	33.9	51	37.2	53
208	Beverages	30.0	13	30.1	13	30.1	13
2082	Malt liquors	3.7	7	3.8	6	3.7	6
2086	Bottled and canned soft drinks	12.6	10	12.5	9	12.7	10
209	Misc. foods and kindred products	35.9	25	37.4	26	37.9	26
21	TOBACCO MANUFACTURES						
211	Cigarettes	13.3	33	15.3	35	14.8	36
212	Cigars	11.1	70	12.5	70	13.3	71
22	TEXTILE MILL PRODUCTS						
221	Weaving mills, cotton	87.2	41	89.9	41	92.1	41
222	Weaving mills, synthetics	34.7	36	35.8	36	37.5	37
223	Weaving and finishing mills, wool	10.6	36	13.8	37	15.6	37
224	Narrow fabric mills	17.6	59	17.6	59	18.8	59
225	Knitting mills	163.9	67	166.8	67	171.5	68
2251	Women's hosiery, except socks	45.3	77	54.5	78	55.1	78
2252	Hosiery, n e c	25.4	73	26.4	73	26.8	73
2253	Knit outerwear mills	53.3	72	49.0	72	51.9	72
2254	Knit underwear mills	21.9	71	21.1	70	23.0	71
226	Textile finishing, except wool	22.6	27	22.3	27	21.3	26
227	Floor covering mills	19.7	35	20.0	35	19.9	35
228	Yarn and thread mills	63.4	47	61.3	47	60.9	47
229	Miscellaneous textile goods	20.2	28	21.3	28	23.0	28
23	APPAREL AND OTHER TEXTILE PRODUCTS						
231	Men's and boys' suits and coats	80.5	74	87.0	73	95.4	72
232	Men's and boys' furnishings	332.7	84	316.3	84	309.9	84
2321	Men's and boys' shirts and nightwear	104.7	88	105.8	88	101.8	88
2327	Men's and boys' separate trousers	68.4	81	67.4	81	67.6	82
2328	Men's and boys' work clothing	71.5	84	68.5	83	68.3	83
233	Women's and misses' outerwear	363.3	85	365.2	85	366.8	85
2331	Women's and misses' blouses and waists	39.4	88	42.5	88	44.7	89
2335	Women's and misses' dresses	180.8	87	180.0	87	179.4	87
2337	Women's and misses' suits and coats	61.4	77	61.6	77	64.9	76
2339	Women's and misses' outerwear, n e c	81.7	85	81.2	86	77.8	86
234	Women's and children's undergarments	97.5	87	100.5	87	108.0	87
2341	Women's and children's underwear	69.4	88	71.2	88	74.3	87
2342	Corsets and allied garments	28.1	85	29.3	85	33.7	86
235	Hats, caps, and millinery	11.8	71	13.4	71	15.0	71
236	Children's outerwear	65.8	87	64.9	87	66.4	87
2361	Children's dresses and blouses	29.0	90	30.0	90	30.6	89
237,8	Fur goods and miscellaneous apparel	53.7	74	55.9	75	58.7	75
239	Misc. fabricated textile products	103.3	64	105.2	65	113.9	65
2391,2	Housefurnishings	47.5	72	47.7	73	48.8	73
26	PAPER AND ALLIED PRODUCTS						
261,2,6	Paper and pulp mills	22.3	11	24.0	11	24.3	11
263	Paperboard mills	5.4	8	5.7	8	5.7	8
264	Misc. converted paper products	64.7	34	66.2	35	66.3	35
2643	Bags, except textile bags	13.7	32	14.4	33	14.6	34
265	Paperboard containers and boxes	49.6	23	54.0	24	55.7	24
2651,2	Folding and setup paperboard boxes	20.9	33	23.2	34	24.1	35
2653	Corrugated and solid fiber boxes	14.5	14	15.6	15	16.1	15
2654	Sanitary food containers	9.7	32	10.2	32	10.0	33

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	1971		1970		1969	
		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	353.1	32	358.3	32	349.6	32
271	Newspapers	98.6	27	97.3	26	93.9	26
272	Periodicals	34.7	47	36.5	48	35.8	48
273	Books	48.6	48	48.5	48	46.5	47
275	Commercial printing	94.6	27	97.3	27	95.4	27
2751	Commercial printing, ex. lithographic	57.3	27	59.3	28	57.9	27
2752	Commercial printing, lithographic	33.6	26	34.4	26	33.7	27
278	Blankbooks and bookbinding	27.6	50	28.8	51	29.0	50
274,6,7,9	Other publishing & printing ind.	49.0	35	50.0	35	49.0	34
28	CHEMICALS AND ALLIED PRODUCTS	206.6	20	216.0	21	219.8	21
281	Industrial chemicals	33.9	11	35.5	11	35.4	11
2812	Alkalies and chlorines	1.6	8	1.8	8	1.8	8
2818	Industrial organic chemicals, n e c	16.2	13	17.8	13	18.0	14
2819	Industrial inorganic chemicals, n e c	10.0	10	9.8	10	9.5	10
282	Plastics materials and synthetics	35.5	17	36.1	17	37.9	17
2821	Plastics materials and resins	7.8	9	8.5	9	8.8	9
2823,4	Synthetic fibers	26.7	25	26.5	24	28.0	24
283	Drugs	57.5	39	57.7	39	56.9	40
2834	Pharmaceutical preparations	47.7	41	48.2	42	47.6	43
284	Soap, cleaners, and toilet goods	45.1	36	47.5	37	47.2	38
2841	Soap and other detergents	9.4	23	9.3	22	9.2	22
2844	Toilet preparations	26.2	53	28.6	54	28.2	56
285	Paints and allied products	10.8	16	11.0	16	11.2	16
287	Agricultural chemicals	6.0	11	5.9	11	5.7	10
2871,2	Fertilizers, complete & mixing only	3.0	8	3.2	8	3.1	8
286,9	Other chemical products	17.9	18	22.4	20	25.5	21
2892	Explosives	5.0	20	8.5	24	11.2	24
29	PETROLEUM AND COAL PRODUCTS	17.1	9	17.7	9	16.9	9
291	Petroleum refining	13.2	9	13.6	9	12.8	9
295,9	Other petroleum and coal products	3.9	11	4.1	11	4.1	11
30	RUBBER AND PLASTICS PRODUCTS, NEC	183.0	31	184.6	32	191.5	32
301	Tires and inner tubes	11.5	9	11.8	10	13.1	11
302,3,6	Other rubber products	58.1	34	57.9	34	62.4	34
302	Rubber footwear	15.5	58	14.1	57	13.9	54
307	Miscellaneous plastics products	113.4	40	114.9	40	115.9	40
31	LEATHER AND LEATHER PRODUCTS	179.4	58	185.9	58	196.2	57
311	Leather tanning and finishing	3.5	14	3.7	14	3.9	13
314	Footwear, except rubber	131.5	64	135.9	63	142.2	63
312,3,5-7,9	Other leather products	44.4	58	46.4	57	50.2	57
316	Luggage	8.3	52	8.9	50	10.6	50
317	Handbags and personal leather goods	23.5	68	23.3	68	24.7	67
-	TRANSPORTATION AND PUBLIC UTILITIES	94.5	21	95.2	21	91.0	21
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	30.0	11	29.2	10	27.6	10
411	Local and suburban transportation	4.6	7	4.9	6	5.1	7
412	Taxicabs	4.9	5	5.0	5	5.2	5
413	Intercity highway transportation	4.0	9	4.2	10	4.3	10
42	TRUCKING AND WAREHOUSING	100.8	9	99.1	9	96.2	9
421,3	Trucking and trucking terminals	88.8	9	87.6	9	84.6	8
422	Public warehousing	12.0	14	11.5	13	11.6	14
45	TRANSPORTATION BY AIR	84.8	25	88.9	26	89.4	25
451,2	Air transportation	82.1	27	86.1	27	86.8	27
46	PIPE LINE TRANSPORTATION	1.4	8	1.4	8	1.5	8
44	WATER TRANSPORTATION	14.7	7	15.7	7	16.7	7
47	TRANSPORTATION SERVICES	23.4	22	23.7	22	22.6	22
48	COMMUNICATION	555.0	49	558.8	50	523.4	50
481	Telephone communication	510.4	54	514.2	55	479.4	55
483	Radio and television broadcasting	31.4	24	30.8	23	30.5	24
49	ELECTRIC, GAS, AND SANITARY SERVICES	106.8	15	104.7	15	101.3	15
491	Electric companies and systems	43.7	15	43.1	15	41.6	15
492	Gas companies and systems			27.9	17	27.0	17

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

SIC Code	Industry	1971		1970		1969	
		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	27.3	14	26.7	14	26.1	14
494-7	Water, steam, & sanitary systems	7.6	13	7.1	13	6.6	13
	WHOLESALE AND RETAIL TRADE	6,005	40	5,935	40	5,809	40
	WHOLESALE TRADE	879	23	879	23	858	23
50	Motor vehicles & automotive equipment	65.5	19	62.6	19	58.1	19
501	Drugs, chemicals, and allied products	83.1	35	82.0	35	78.6	35
502	Dry goods and apparel	70.8	47	71.4	47	68.3	46
503	Groceries and related products	117.6	21	119.3	22	117.6	22
504	Electrical goods	83.0	24	77.8	24	73.3	24
506	Hardware, plumbing & heating equipment	39.4	23	39.2	23	38.0	22
507	Machinery, equipment, and supplies	129.1	18	135.0	18	134.3	18
508	Miscellaneous wholesalers	271.4	22	272.8	22	268.9	22
509							
52-59	RETAIL TRADE	5,126	45	5,056	46	4,951	45
	RETAIL GENERAL MERCHANDISE	1,629.5	69	1,593.4	69	1,560.3	69
53	Department stores	1,072.5	69	1,051.4	69	1,025.8	69
531	Mail order houses	76.1	61	81.3	61	80.7	61
532	Variety stores	257.5	79	248.5	79	248.3	78
533	FOOD STORES	627.5	35	609.8	35	586.5	35
54	Grocery, meat, and vegetables stores	525.6	33	509.8	33	490.1	32
541-3	APPAREL AND ACCESSORY STORES	480.8	66	480.4	66	481.5	66
56	Men's & boys' clothing & furnishings	53.5	41	54.7	42	52.0	41
561	Women's ready-to-wear stores	242.4	88	239.1	88	240.4	89
562	Family clothing stores	71.5	68	74.6	70	77.8	70
565	Shoe stores	56.3	38	55.0	38	55.3	38
566							
57	FURNITURE AND HOME FURNISHINGS STORES	136.2	30	136.7	30	137.6	30
571	Furniture and home furnishings	90.1	31	88.9	31	89.1	31
58	EATING AND DRINKING PLACES	1,391.6	55	1,396.0	56	1,368.8	57
58							
52,55,59	OTHER RETAIL TRADE	860.1	25	839.6	25	816.0	24
52	Building materials and farm equipment	91.2	17	89.7	17	88.4	16
55	Automotive dealers & service stations	192.7	12	188.8	12	184.3	11
551,2	Motor vehicle dealers	84.7	11	85.5	11	85.8	11
553,9	Other automotive & accessory dealers	34.3	14	32.6	14	31.5	14
59	Miscellaneous retail stores	576.2	45	561.1	45	543.3	45
591	Drug stores and proprietary stores	277.1	61	276.1	61	269.7	61
594	Book and stationery stores	29.1	46	29.3	45	28.0	44
596	Farm and garden supply stores	21.8	20	20.7	19	20.5	19
598	Fuel and ice dealers	19.1	17	18.5	17	18.4	17
-	FINANCE, INSURANCE, AND REAL ESTATE	1,969	52	1,912	52	1,829	51
60	Banking	684.4	64	663.3	63	619.6	63
61	Credit agencies other than banks	211.6	56	201.7	55	197.2	55
612	Savings and loan associations	78.6	66	71.0	66	67.3	65
614	Personal credit institutions	92.8	48	92.5	48	83.4	49
62	Security, commodity brokers & services	70.9	34	71.9	35	80.1	36
63	Insurance carriers	554.9	52	542.6	52	515.3	51
631	Life insurance	248.3	45	241.4	44	229.6	44
632	Accident and health insurance	68.8	71	67.1	72	62.7	72
633	Fire, marine, and casualty insurance	208.8	57	208.0	57	197.4	56
64	Insurance agents, brokers, and service	162.2	58	157.6	57	151.2	58
65	Real estate	241.2	35	232.3	35	224.2	35
655	Subdividers and developers	20.7	20	19.6	21	17.4	20
656	Operative builders	8.3	17	7.8	18	7.1	15
66,67	Other finance, insurance, & real estate	44.0	50	42.8	50	41.4	50
	SERVICES	6,432	54	6,248	54	6,023	54
	Hotels and other lodging places:						
701	Hotels, tourist courts, and motels	344.2	52	345.7	51	340.2	50
72	Personal services	578.3	61	610.8	62	631.2	62
721	Laundries and dry cleaning plants	310.2	65	333.5	66	354.1	66
722	Photographic studios	23.9	60	23.5	58	23.2	58

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	1971		1970		1969	
		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	546.6	33	541.5	34	519.3	34
731	Advertising	49.9	42	52.2	42	51.5	42
732	Credit reporting and collection	56.1	71	55.8	71	55.3	73
734	Services to buildings	99.9	33	94.5	32	81.4	30
76	Miscellaneous repair services	25.8	14	27.0	15	26.7	15
78	Motion pictures	72.1	37	71.2	35	69.5	34
781	Motion picture filming & distributing	16.8	34	17.8	31	17.8	29
782,3	Motion picture theaters and services	55.3	38	53.4	37	51.7	35
80	Medical and other health services	2,618.1	81	2,472.8	81	2,317.6	81
806	Hospitals	1,581.4	81	1,516.2	81	1,439.4	81
81	Legal services	156.6	63	148.7	63	140.4	63
82	Educational services	542.4	47	537.8	47	532.2	48
821	Elementary and secondary schools	231.7	59	229.9	60	227.6	60
822	Colleges and universities	256.5	40	256.8	40	259.5	41
89	Miscellaneous services	163.2	24	159.8	24	146.6	23
891	Engineering & architectural services	45.5	15	45.3	15	45.2	15
892	Nonprofit research agencies	32.9	30	31.6	30	31.4	30
-	GOVERNMENT.	5,478	43	5,324	42	5,111	42
91	FEDERAL GOVERNMENT	707	27	717	27	723	26
92,93	STATE AND LOCAL GOVERNMENT.	4,770	47	4,608	47	4,388	46
92	State government	1,140.1	41	1,099.0	41	1,044.8	41
	State education	467.6	40	440.0	40	413.8	40
	Other State government	672.5	42	659.1	42	631.0	42
	Local government	3,630.1	49	3,508.5	49	3,343.4	48
	Local education	2,573.1	62	2,483.9	62	2,377.3	61
	Other local government	1,057.0	32	1,024.6	32	966.1	32

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

1967 = 100

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921	37.0	44.0	156.9	31.5	42.5	33.2	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922	39.2	48.3	151.5	36.9	46.9	34.3	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923	43.1	54.8	197.7	38.3	53.0	36.8	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924	42.6	52.0	179.6	41.2	49.7	37.4	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963	84.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.1	101.7	98.9	102.4	101.7	103.9	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969	106.7	104.1	101.0	107.1	103.7	108.2	103.9	107.6	105.9	108.2	110.5	111.2	107.1	101.4	108.8
1970	107.2	100.3	101.5	104.3	99.6	111.0	105.7	109.7	108.5	110.1	114.4	115.2	110.0	99.5	113.3
1971	107.4	96.6	98.0	101.6	95.7	113.2	105.2	111.5	109.4	112.3	117.8	118.0	112.8	98.0	117.5
1971:															
Feb ...	106.9	96.7	101.5	99.7	96.1	112.4	106.2	110.7	109.1	111.2	116.2	116.9	111.8	97.9	116.2
March ..	107.0	96.7	101.5	101.7	95.7	112.7	106.1	110.8	109.3	111.3	116.5	117.2	112.2	97.9	116.7
April ...	107.2	96.9	101.6	102.3	95.8	112.8	105.7	111.0	109.3	111.6	116.9	117.3	112.6	98.1	117.1
May ...	107.5	97.1	101.5	102.1	96.2	113.1	106.0	111.3	109.7	111.9	117.5	117.4	112.8	98.1	117.4
June ...	107.3	96.6	101.0	101.5	95.7	113.1	105.6	111.2	108.9	112.1	118.0	117.8	112.6	97.1	117.5
July ...	107.1	96.1	97.4	100.6	95.3	113.0	105.0	111.4	108.8	112.3	118.0	118.0	112.4	97.2	117.2
Aug ...	107.1	95.8	99.3	100.3	94.9	113.3	103.9	111.9	109.0	112.9	118.0	118.3	112.7	97.5	117.4
Sept ...	107.6	96.6	100.5	101.3	95.7	113.6	104.7	112.3	109.6	113.2	118.5	118.4	112.8	98.3	117.3
Oct ...	107.6	96.1	85.0	102.6	95.4	113.8	104.2	112.2	109.9	113.1	118.9	118.8	113.5	98.4	118.2
Nov ...	107.9	96.5	85.6	103.5	95.7	114.1	104.1	112.3	109.9	113.1	119.4	119.3	113.9	98.2	118.9
Dec ...	108.1	96.3	99.0	101.2	95.5	114.5	104.8	112.6	110.2	113.4	119.7	119.7	114.4	98.2	119.5
1972:															
Jan P ...	108.7	96.9	100.3	103.4	95.7	115.2	105.9	113.6	110.9	114.5	120.2	120.2	114.8	98.1	120.0
Feb P ...	108.9	96.6	100.0	100.9	95.8	115.5	105.6	114.0	111.5	114.9	120.4	120.7	115.2	98.1	120.6

p=preliminary.

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	1972		1971										
	Feb. p	Jan. p	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
TOTAL	71,686	71,603	71,185	71,042	70,848	70,853	70,529	70,531	70,657	70,769	70,599	70,480	70,391
GOODS-PRODUCING	22,476	22,544	22,418	22,448	22,371	22,482	22,285	22,358	22,482	22,599	22,544	22,495	22,504
MINING	613	615	607	525	521	616	609	597	619	622	623	622	622
CONTRACT CONSTRUCTION	3,236	3,318	3,245	3,320	3,290	3,250	3,219	3,228	3,255	3,275	3,282	3,264	3,198
MANUFACTURING	18,627	18,611	18,566	18,603	18,560	18,616	18,457	18,533	18,608	18,702	18,639	18,609	18,684
DURABLE GOODS	10,588	10,573	10,548	10,572	10,561	10,597	10,485	10,552	10,598	10,651	10,598	10,571	10,642
Ordnance and accessories	182	183	184	186	189	190	191	191	193	196	194	195	200
Lumber and wood products	594	604	600	601	597	591	583	579	574	570	567	566	565
Furniture and fixtures	476	478	474	470	467	465	456	461	458	457	452	450	449
Stone, clay, and glass products	638	640	632	634	631	633	627	625	629	633	628	622	624
Primary metal industries	1,181	1,183	1,176	1,178	1,187	1,182	1,156	1,226	1,259	1,272	1,270	1,264	1,260
Fabricated metal products	1,345	1,336	1,331	1,339	1,341	1,346	1,331	1,335	1,333	1,339	1,333	1,298	1,328
Machinery, except electrical	1,790	1,785	1,793	1,797	1,791	1,794	1,775	1,770	1,769	1,783	1,784	1,796	1,810
Electrical equipment	1,803	1,796	1,793	1,791	1,793	1,791	1,772	1,773	1,783	1,793	1,789	1,787	1,792
Transportation equipment	1,716	1,716	1,719	1,732	1,720	1,758	1,754	1,751	1,759	1,768	1,745	1,753	1,771
Instruments and related products	442	434	434	436	437	435	430	431	430	429	426	429	432
Miscellaneous manufacturing	421	418	412	408	408	412	410	410	411	411	410	411	411
NONDURABLE GOODS	8,039	8,038	8,018	8,031	7,999	8,019	7,972	7,981	8,010	8,051	8,041	8,038	8,042
Food and kindred products	1,749	1,760	1,748	1,750	1,728	1,755	1,748	1,762	1,751	1,758	1,753	1,760	1,764
Tobacco manufactures	72	71	69	71	69	72	70	69	77	78	79	77	79
Textile mill products	982	981	974	970	963	960	959	959	956	963	958	958	959
Apparel and other textile products	1,358	1,352	1,357	1,370	1,365	1,361	1,351	1,349	1,357	1,373	1,374	1,368	1,359
Paper and allied products	687	688	690	691	693	694	681	676	682	681	690	689	691
Printing and publishing	1,087	1,089	1,084	1,084	1,085	1,082	1,080	1,083	1,088	1,091	1,088	1,092	1,096
Chemicals and allied products	1,006	1,004	1,005	1,008	1,008	1,008	1,004	1,008	1,016	1,024	1,021	1,021	1,026
Petroleum and coal products	188	188	191	189	189	190	188	188	189	190	190	191	192
Rubber and plastics products, nec	601	599	594	592	594	591	582	584	583	582	577	574	567
Leather and leather products	309	306	306	306	305	306	309	303	311	311	311	308	309
SERVICE-PRODUCING	49,210	49,059	48,767	48,594	48,477	48,371	48,244	48,173	48,175	48,170	48,055	47,985	47,887
TRANSPORTATION AND PUBLIC UTILITIES	4,499	4,511	4,465	4,434	4,442	4,460	4,428	4,476	4,500	4,518	4,505	4,520	4,526
WHOLESALE AND RETAIL TRADE	15,514	15,451	15,315	15,278	15,270	15,273	15,223	15,158	15,135	15,148	15,107	15,074	15,059
WHOLESALE TRADE	3,929	3,908	3,884	3,874	3,873	3,865	3,844	3,835	3,837	3,866	3,854	3,852	3,845
RETAIL TRADE	11,585	11,543	11,431	11,404	11,397	11,408	11,379	11,323	11,298	11,282	11,253	11,222	11,214
FINANCE, INSURANCE, AND REAL ESTATE	3,882	3,876	3,860	3,851	3,834	3,821	3,804	3,806	3,807	3,788	3,769	3,758	3,749
SERVICES	12,185	12,135	12,089	12,044	11,996	11,962	11,946	11,921	11,895	11,858	11,843	11,841	11,809
Hotels and other lodging places	-	813	801	785	784	796	760	755	775	768	768	766	766
Personal services	-	927	932	941	937	938	935	933	943	954	950	960	962
Medical and other health services	-	3,336	3,323	3,306	3,297	3,283	3,260	3,241	3,231	3,222	3,198	3,186	3,169
Educational services	-	1,160	1,165	1,168	1,165	1,160	1,139	1,142	1,155	1,167	1,168	1,168	1,153
GOVERNMENT	13,130	13,086	13,038	12,987	12,935	12,855	12,843	12,812	12,838	12,858	12,831	12,792	12,744
FEDERAL	2,667	2,667	2,669	2,669	2,675	2,674	2,650	2,643	2,640	2,667	2,667	2,662	2,662
STATE AND LOCAL	10,463	10,419	10,369	10,318	10,260	10,181	10,193	10,169	10,198	10,191	10,164	10,130	10,082

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

**B-6: Production or nonsupervisory workers¹ on private nonagricultural payrolls,
seasonally adjusted**

Industry division and group	1972		1971										
	Feb. P	Jan. P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
TOTAL . . .	48,400	48,392	48,027	47,959	47,824	47,925	47,640	47,669	47,764	47,859	47,711	47,595	47,551
GOODS-PRODUCING . . .	16,670	16,749	16,613	16,642	16,570	16,678	16,502	16,565	16,667	16,766	16,706	16,626	16,614
MINING	462	464	457	376	374	466	460	447	468	472	472	471	471
CONTRACT CONSTRUCTION	2,669	2,762	2,682	2,761	2,734	2,697	2,671	2,678	2,703	2,725	2,732	2,707	2,636
MANUFACTURING	13,539	13,523	13,474	13,505	13,462	13,515	13,371	13,440	13,496	13,569	13,502	13,448	13,507
DURABLE GOODS	7,640	7,625	7,594	7,614	7,600	7,630	7,534	7,594	7,627	7,667	7,612	7,569	7,625
Ordnance and accessories	89	90	90	92	93	94	94	93	95	98	97	99	102
Lumber and wood products	509	519	516	519	515	509	503	500	495	491	488	487	486
Furniture and fixtures	393	394	391	388	384	383	375	380	378	375	372	370	369
Stone, clay, and glass products	507	510	502	504	502	502	497	496	499	502	498	492	494
Primary metal industries	929	930	920	922	932	926	901	965	996	1,012	1,008	1,002	997
Fabricated metal products	1,026	1,016	1,011	1,018	1,020	1,026	1,016	1,016	1,013	1,020	1,014	980	1,006
Machinery, except electrical	1,174	1,170	1,174	1,177	1,171	1,175	1,159	1,156	1,152	1,159	1,163	1,172	1,183
Electrical equipment	1,206	1,195	1,191	1,189	1,190	1,185	1,167	1,169	1,179	1,184	1,177	1,173	1,177
Transportation equipment	1,215	1,218	1,221	1,230	1,216	1,251	1,248	1,244	1,246	1,253	1,225	1,225	1,237
Instruments and related products	264	259	259	261	261	260	256	257	256	255	253	253	256
Miscellaneous manufacturing	328	324	319	314	316	319	318	318	318	318	317	316	318
NONDURABLE GOODS	5,899	5,898	5,880	5,891	5,862	5,885	5,837	5,846	5,869	5,902	5,890	5,879	5,882
Food and kindred products	1,176	1,185	1,175	1,177	1,156	1,185	1,179	1,188	1,178	1,184	1,181	1,184	1,186
Tobacco manufactures	59	58	57	58	56	58	56	56	64	65	66	64	66
Textile mill products	865	863	855	851	845	842	841	841	838	845	840	839	841
Apparel and other textile products	1,185	1,180	1,185	1,198	1,193	1,189	1,180	1,179	1,188	1,204	1,202	1,197	1,189
Paper and allied products	528	529	529	530	532	533	520	515	520	519	527	526	529
Printing and publishing	663	664	661	661	663	661	658	661	667	667	666	668	671
Chemicals and allied products	580	580	580	581	581	582	577	582	585	588	584	583	586
Petroleum and coal products	115	114	118	116	116	116	115	115	115	116	116	116	118
Rubber and plastics products, nec	464	463	459	458	460	458	447	450	449	448	443	440	433
Leather and leather products	264	262	261	261	260	261	264	259	265	266	265	262	263
SERVICE-PRODUCING . . .	31,730	31,643	31,414	31,317	31,254	31,247	31,138	31,104	31,097	31,093	31,005	30,969	30,937
TRANSPORTATION AND PUBLIC UTILITIES	3,898	3,912	3,860	3,831	3,839	3,860	3,836	3,864	3,897	3,914	3,904	3,916	3,920
WHOLESALE AND RETAIL TRADE	13,767	13,699	13,577	13,555	13,544	13,549	13,507	13,457	13,433	13,458	13,411	13,385	13,360
WHOLESALE TRADE	3,280	3,262	3,243	3,233	3,231	3,222	3,211	3,197	3,201	3,232	3,221	3,222	3,212
RETAIL TRADE	10,487	10,437	10,334	10,322	10,313	10,327	10,296	10,260	10,232	10,226	10,190	10,163	10,148
FINANCE, INSURANCE, AND REAL ESTATE	3,045	3,039	3,029	3,027	3,015	3,006	2,985	2,992	3,000	2,983	2,966	2,954	2,950
SERVICES	11,020	10,993	10,948	10,904	10,856	10,832	10,810	10,791	10,767	10,738	10,724	10,714	10,707

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971
1	ALABAMA	(*)	1,016.5	996.8	(*)	7.7	8.1	(*)	51.6	44.8	(*)	314.2	319.0
2	Birmingham	(*)	266.4	259.9	(*)	5.2	5.4	(*)	15.9	10.5	(*)	68.5	72.9
3	Huntsville	(*)	78.3	77.2	(*)	(1)	(1)	(*)	2.2	1.9	(*)	13.2	12.9
4	Mobile	(*)	102.5	104.1	(*)	(1)	(1)	(*)	6.3	6.8	(*)	22.7	23.9
5	Montgomery ²	71.7	72.4	68.2	(1)	(1)	(1)	5.4	5.6	4.4	10.5	10.5	10.1
6	Tuscaloosa ²	39.4	39.8	38.4	(1)	(1)	(1)	2.4	2.6	2.2	11.0	11.0	10.4
7	ALASKA	89.6	91.5	86.2	1.9	2.0	2.4	4.3	4.7	4.3	4.8	5.1	5.2
8	ARIZONA	595.3	603.4	557.0	22.1	22.5	21.3	45.2	45.6	38.6	91.4	91.5	85.4
9	Phoenix	354.2	359.6	333.7	.4	.4	.3	26.3	26.4	22.5	70.3	70.4	65.9
10	Tucson	117.0	118.1	107.1	6.9	7.2	7.0	10.3	10.5	8.3	9.0	9.0	8.4
11	ARKANSAS ²	536.1	546.3	523.6	4.2	4.1	4.2	21.1	23.6	22.8	170.3	171.0	162.6
12	Fayetteville ²	27.3	27.4	26.1	(1)	(1)	(1)	1.3	1.2	1.2	7.2	7.2	7.0
13	Fort Smith ²	47.5	47.8	45.5	.6	.6	.6	2.0	1.9	2.3	17.2	17.2	15.9
14	Little Rock-North Little Rock ²	127.5	128.3	122.2	(1)	(1)	(1)	8.4	8.8	6.4	27.0	26.8	26.5
15	Pine Bluff ²	23.7	24.2	23.9	(1)	(1)	(1)	.9	.9	.8	5.5	5.5	5.5
16	CALIFORNIA	6,911.7	7,053.0	6,759.4	28.3	30.1	29.5	269.2	277.6	259.6	1,452.5	1,474.6	1,435.7
17	Anaheim-Santa Ana-Garden Grove	420.3	426.5	408.6	2.0	2.0	1.8	19.3	19.7	18.6	114.1	113.7	113.5
18	Bakersfield	90.8	92.7	88.7	6.2	6.3	6.4	3.2	3.3	3.6	7.7	7.9	7.6
19	Fresno	120.5	123.4	114.9	.7	.7	.7	5.2	5.4	4.7	16.7	17.7	16.1
20	Los Angeles-Long Beach	2,805.7	2,861.1	2,776.4	10.2	10.4	10.5	86.3	89.1	92.6	758.8	766.4	742.3
21	Modesto	53.9	55.9	51.9	.1	.1	.1	3.2	3.3	2.9	12.6	13.9	11.9
22	Oxnard-Simi Valley-Ventura	95.4	96.5	92.4	1.7	1.7	1.6	4.0	4.1	4.2	12.7	12.8	12.8
23	Riverside-San Bernardino-Ontario	300.1	303.8	293.3	1.3	2.5	2.4	12.5	12.7	12.6	51.2	51.2	50.5
24	Sacramento	265.8	270.6	260.1	.1	.1	.1	12.2	12.8	9.4	19.0	19.5	20.2
25	Salinas-Seaside-Monterey	60.7	63.8	59.2	.5	.5	.5	2.1	2.2	2.0	6.3	6.9	5.7
26	San Diego	396.4	398.5	388.1	.5	.5	.5	21.3	21.6	19.5	56.6	56.8	64.1
27	San Francisco-Oakland	1,222.5	1,249.6	1,221.0	1.7	1.8	1.7	53.8	55.9	52.9	181.4	185.1	188.9
28	San Jose	370.0	375.9	363.9	.1	.1	.1	15.3	15.9	14.5	111.1	112.1	113.8
29	Santa Barbara-Santa Maria-Lompoc	81.1	82.5	79.2	.9	.9	.9	3.1	3.1	3.1	9.0	9.4	8.9
30	Santa Rosa	51.4	53.0	49.1	.2	.3	.2	2.1	2.3	1.9	6.5	6.7	6.1
31	Stockton	84.6	87.1	83.0	.1	.1	.1	3.9	4.0	3.2	14.8	15.2	14.6
32	Vallejo-Fairfield-Napa	68.4	69.8	66.8	.2	.2	.1	2.0	2.1	2.0	6.2	6.5	6.4
33	COLORADO ²	786.4	793.1	751.2	13.6	13.7	13.8	43.0	46.0	39.6	119.4	120.0	115.7
34	Denver ²	500.8	505.9	484.7	5.4	5.4	5.2	28.6	29.6	26.6	85.6	85.7	83.3
35	CONNECTICUT ²	1,159.6	1,179.5	1,157.3	(3)	(3)	(3)	51.7	55.2	47.9	394.7	396.8	412.1
36	Bridgeport ²	142.8	146.2	144.4	(3)	(3)	(3)	4.9	5.4	4.7	61.2	61.7	64.8
37	Hartford	312.7	316.0	315.6	(3)	(3)	(3)	13.3	14.1	13.0	83.6	83.5	93.2
38	New Britain ²	42.5	43.9	43.2	(3)	(3)	(3)	1.1	1.7	1.2	20.9	21.4	22.2
39	New Haven ²	158.1	162.3	156.0	(3)	(3)	(3)	7.0	8.1	7.2	38.9	38.9	40.0
40	Stamford ²	79.5	81.3	79.6	(3)	(3)	(3)	2.8	3.3	3.0	26.7	26.8	27.4
41	Waterbury ²	76.4	78.6	74.9	(3)	(3)	(3)	3.3	3.7	3.2	33.4	33.7	33.7
42	DELAWARE ²	214.9	217.3	209.3	(1)	(1)	(1)	15.2	15.2	12.5	69.1	69.4	68.7
43	Wilmington ²	191.9	194.7	188.4	(1)	(1)	(1)	14.2	14.7	12.2	64.5	64.9	66.1
44	DISTRICT OF COLUMBIA ⁴	690.2	694.6	684.3	(1)	(1)	(1)	19.1	19.7	19.7	17.4	17.7	18.3
45	Washington SMSA	1,190.0	1,202.1	1,159.0	(1)	(1)	(1)	67.1	68.7	65.1	43.3	43.6	42.3
46	FLORIDA	2,265.8	2,267.1	2,213.0	7.9	8.0	8.5	167.8	170.5	166.9	324.9	323.0	324.9
47	Fort Lauderdale-Hollywood ²	192.6	190.5	182.7	(1)	(1)	(1)	23.0	22.6	20.9	19.8	19.9	19.8
48	Jacksonville ²	193.7	195.2	192.0	(1)	(1)	(1)	12.5	12.7	10.9	24.0	24.0	23.8
49	Miami ²	527.2	525.0	516.0	(1)	(1)	(1)	31.2	31.5	29.5	77.9	76.5	74.6
50	Orlando ²	166.8	165.7	149.2	(1)	(1)	(1)	15.0	15.8	18.1	22.5	22.4	20.4
51	Pensacola ²	70.1	71.1	68.3	(1)	(1)	(1)	5.9	5.9	5.7	14.2	14.3	14.2
52	Tampa-St. Petersburg ²	333.7	334.2	316.3	(1)	(1)	(1)	29.8	30.1	24.3	54.4	55.2	52.7
53	West Palm Beach ²	118.8	119.1	116.7	(1)	(1)	(1)	10.7	11.3	9.8	19.1	19.3	21.2
54	GEORGIA ²	1,585.9	1,599.7	1,552.0	6.9	7.0	6.9	77.1	80.9	74.4	455.3	456.9	451.2
55	Atlanta ²	624.3	633.2	610.9	(1)	(1)	(1)	31.4	33.8	31.9	112.2	112.1	113.3
56	Augusta ²	89.8	91.2	86.4	(1)	(1)	(1)	5.0	5.1	4.0	29.6	29.7	28.7
57	Columbus ²	70.1	70.7	68.0	(1)	(1)	(1)	4.5	4.7	4.2	19.2	19.3	18.9
58	Macon ²	77.6	79.7	77.4	(1)	(1)	(1)	3.8	4.3	3.9	13.8	14.0	13.9
59	Savannah ²	66.2	65.8	64.3	(1)	(1)	(1)	4.4	4.2	3.9	14.9	15.0	14.7
60	HAWAII ²	299.7	303.0	292.7	(1)	(1)	(1)	23.4	23.3	23.7	22.9	21.8	23.5
61	Honolulu ²	253.8	257.0	248.3	(1)	(1)	(1)	19.9	19.9	20.3	16.6	15.4	16.9

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			
Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	
(*)	55.3	54.9	(*)	198.6	187.3	(*)	42.6	42.0	(*)	130.4	130.0	(*)	216.1	210.7	1
(*)	19.2	19.0	(*)	64.2	61.0	(*)	17.6	17.2	(*)	37.8	37.2	(*)	38.0	36.7	2
(*)	1.7	1.7	(*)	12.1	11.9	(*)	2.1	2.0	(*)	16.8	17.3	(*)	30.2	29.5	3
(*)	10.0	10.0	(*)	26.3	25.5	(*)	5.0	5.1	(*)	15.7	16.0	(*)	16.5	16.8	4
3.9	3.9	3.9	16.4	17.0	15.9	4.4	4.4	4.2	12.2	12.3	11.3	18.9	18.7	18.4	5
1.6	1.6	1.6	6.4	6.6	6.3	1.3	1.4	1.3	3.8	3.9	4.1	12.9	12.7	12.5	6
9.1	9.3	9.1	15.7	16.4	14.9	3.4	3.4	3.1	12.3	12.5	11.4	38.1	38.1	35.8	7
30.6	31.5	30.6	138.0	142.2	130.4	34.4	34.2	30.7	101.2	100.2	94.9	132.4	135.7	125.1	8
18.0	18.7	18.2	88.3	90.9	83.6	25.9	25.8	23.3	60.8	60.3	58.1	64.2	66.7	61.8	9
6.1	6.1	5.9	26.1	26.9	24.2	5.2	5.2	4.8	21.8	21.5	20.2	31.6	31.7	28.3	10
32.5	32.9	32.1	107.3	113.4	104.7	22.1	22.4	21.3	74.4	74.4	72.6	104.2	104.5	103.3	11
2.2	2.2	2.1	5.6	5.9	5.2	.6	.6	.6	3.1	3.1	3.1	7.3	7.2	6.9	12
2.8	2.9	2.8	9.9	10.2	9.4	1.6	1.6	1.5	7.0	7.0	6.8	6.4	6.4	6.2	13
9.7	9.8	9.6	27.9	28.5	26.9	9.0	8.9	8.6	19.6	19.8	19.0	25.9	25.7	25.2	14
3.3	3.4	3.2	4.7	4.9	4.7	.9	.9	.9	3.0	3.0	3.2	5.4	5.6	5.6	15
447.6	455.7	447.7	1,558.6	1,642.2	1,517.9	399.2	400.7	382.0	1,271.4	1,282.3	1,240.7	1,484.9	1,489.8	1,446.3	16
14.4	14.4	14.6	102.0	106.3	98.9	23.5	23.4	22.4	71.6	72.9	69.9	73.4	74.1	68.9	17
6.1	6.4	6.1	22.0	22.8	20.9	3.6	3.7	3.6	14.9	15.1	14.2	27.1	27.2	26.3	18
7.8	8.0	7.8	31.1	33.4	30.3	5.7	5.7	5.4	21.4	22.0	21.0	31.9	30.5	28.9	19
169.2	171.1	172.5	636.7	672.1	632.1	176.3	176.4	169.1	533.6	538.4	526.3	434.6	437.2	431.0	20
2.5	2.6	2.5	12.9	13.5	12.4	1.4	1.4	1.4	10.1	10.0	10.0	11.1	11.1	10.7	21
4.3	4.4	4.2	22.5	23.2	22.1	3.8	3.8	3.6	15.5	15.5	14.8	30.9	31.0	29.1	22
17.4	17.4	17.0	69.4	72.3	67.3	10.8	10.8	10.2	58.6	58.4	57.1	78.9	78.5	76.2	23
17.0	17.6	16.6	56.4	59.4	54.2	11.8	11.9	11.1	39.7	39.7	39.0	109.6	109.6	109.5	24
3.8	4.0	4.0	15.7	17.4	15.5	2.3	2.3	2.3	11.9	12.3	11.6	18.1	18.2	17.6	25
21.2	21.3	20.8	92.1	94.7	88.4	21.1	21.0	19.4	76.9	76.8	74.9	106.7	105.8	100.5	26
126.1	128.7	127.9	263.3	277.6	262.2	99.8	100.1	97.4	220.3	222.7	217.3	276.1	277.7	272.7	27
17.5	17.9	16.9	73.0	76.0	70.4	14.6	14.7	13.8	74.9	75.7	73.3	63.5	63.5	61.1	28
3.4	3.4	3.4	18.8	19.8	18.0	3.3	3.3	3.2	20.6	20.6	19.8	22.0	22.0	21.9	29
2.7	2.8	2.6	12.9	13.7	12.3	3.4	3.4	3.2	9.3	9.4	9.1	14.3	14.4	13.7	30
6.2	6.8	6.3	18.6	20.0	18.1	3.0	3.1	3.0	14.1	14.0	13.9	23.9	23.9	23.8	31
3.5	3.6	3.4	12.7	13.6	12.1	1.9	1.9	1.7	10.9	10.9	10.7	31.0	31.0	30.4	32
52.1	52.6	51.4	184.9	189.6	175.6	41.9	42.0	40.7	135.1	133.8	131.9	196.4	195.4	182.5	33
36.2	36.8	36.2	124.7	128.4	119.6	30.9	30.9	30.1	90.3	89.7	89.5	99.1	99.4	94.2	34
53.3	54.1	53.6	225.2	237.4	221.7	77.9	78.0	74.2	194.1	194.0	185.2	162.8	164.1	162.6	35
6.1	6.2	6.3	28.4	30.4	27.7	5.0	5.0	4.8	21.5	21.8	20.6	15.8	15.8	15.5	36
12.0	12.1	12.1	61.9	64.2	61.9	47.8	47.5	43.3	48.3	48.8	47.0	45.9	45.7	45.1	37
1.3	1.4	1.4	7.2	7.6	7.0	1.3	1.3	1.2	5.6	5.5	5.1	5.2	5.1	5.2	38
14.2	14.2	14.1	32.0	34.2	31.6	8.4	8.4	8.2	37.0	37.6	35.0	20.7	20.9	20.1	39
3.6	3.6	3.5	16.9	17.8	16.8	5.0	4.8	4.7	16.6	16.9	16.3	8.0	8.0	7.9	40
3.2	3.3	3.2	13.3	14.4	12.7	2.3	2.3	2.2	11.0	11.3	10.7	9.9	9.9	9.3	41
10.9	11.0	11.2	45.2	46.3	44.1	9.4	9.4	9.3	32.2	32.2	30.9	32.9	33.8	32.6	42
10.9	10.8	9.8	38.8	40.0	38.0	8.7	8.7	8.6	26.9	26.9	26.3	27.9	28.7	27.4	43
28.8	29.0	29.7	81.3	83.4	81.3	33.0	33.1	33.0	138.4	139.7	137.8	372.2	372.0	364.5	44
58.5	58.8	59.8	237.0	245.1	229.2	70.0	69.9	67.8	255.8	258.3	253.7	458.3	457.7	441.1	45
164.6	164.4	158.8	607.2	619.9	593.2	137.9	137.4	134.8	426.4	418.1	411.8	429.1	425.8	414.1	46
10.9	10.7	9.9	59.0	58.5	54.7	13.2	13.4	12.4	38.7	37.4	37.9	28.0	28.0	27.1	47
20.0	20.4	20.4	52.6	53.7	53.4	19.4	19.4	19.0	31.2	31.2	31.0	34.0	33.8	33.5	48
58.2	58.3	57.8	141.3	141.4	136.7	36.2	36.2	35.2	121.1	120.5	121.3	61.3	60.6	60.9	49
9.5	9.8	8.8	45.0	45.3	42.3	10.9	10.7	9.9	38.1	36.1	26.0	25.8	25.6	23.7	50
3.5	3.6	3.6	15.5	16.3	14.1	2.9	2.9	2.8	9.4	9.4	9.2	18.7	18.7	18.7	51
22.6	22.4	21.4	93.0	95.4	91.4	20.2	19.7	18.3	65.5	63.1	62.8	48.2	48.3	45.4	52
5.5	5.5	5.3	32.4	32.2	31.1	7.8	7.8	7.2	26.2	26.0	25.6	17.1	17.0	16.5	53
106.3	106.2	104.2	342.4	351.7	336.5	80.2	80.0	80.0	205.0	204.7	194.0	312.7	312.3	304.8	54
60.0	60.0	58.1	177.0	183.1	169.8	46.6	46.5	45.2	98.2	98.2	95.0	98.9	99.5	97.6	55
3.7	3.7	3.7	15.9	17.0	15.4	3.1	3.1	3.0	10.2	10.4	10.1	22.3	22.2	21.5	56
3.1	3.1	3.1	12.9	13.5	12.9	4.1	4.1	3.8	9.4	9.2	8.8	16.9	16.8	16.3	57
3.2	3.2	3.4	15.4	16.6	14.9	4.1	4.1	3.9	9.3	9.4	9.6	28.0	28.1	27.8	58
6.8	6.6	6.9	15.2	15.3	14.6	3.3	3.4	3.3	9.5	9.5	9.4	12.1	11.8	11.5	59
24.2	24.2	23.4	72.3	74.3	70.2	18.6	18.8	17.9	61.0	61.7	57.8	77.3	78.9	76.2	60
20.6	20.6	19.8	61.2	63.2	59.9	17.0	17.2	16.3	51.1	51.8	48.5	67.4	68.9	66.6	61

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971
1	IDAHO	213.3	219.5	204.7	3.4	3.5	3.4	9.4	11.1	8.7	41.5	42.5	40.0
2	Boise	45.1	45.8	41.9	(1)	(1)	(1)	2.5	2.7	2.1	5.1	5.2	4.7
3	ILLINOIS ²	4,216.6	4,314.0	4,215.6	23.4	23.9	22.6	160.0	181.7	155.6	1,245.4	1,255.3	1,282.4
4	Chicago ^{2 5}	2,888.5	2,958.8	2,894.5	4.1	4.4	4.1	104.9	116.9	101.5	861.3	869.1	890.2
5	Chicago-Northwestern Indiana	(*)	3,186.9	3,148.9	(*)	4.3	4.2	(*)	118.6	114.5	(*)	970.1	1,009.3
6	Davenport-Rock Island-Moline	(*)	131.4	129.4	(*)	(3)	(3)	(*)	6.5	5.8	(*)	40.3	40.8
7	Peoria	(*)	133.4	128.9	(*)	(3)	(3)	(*)	8.1	6.7	(*)	46.6	47.7
8	Rockford	106.4	106.9	105.4	(3)	(3)	(3)	3.5	3.8	3.4	50.1	49.8	50.4
9	INDIANA	1,808.7	1,833.0	1,788.4	6.5	6.6	6.6	67.8	73.2	65.6	675.0	675.2	670.2
10	Evansville	(*)	88.2	81.5	(*)	1.4	1.4	(*)	4.2	4.1	(*)	31.8	26.1
11	Fort Wayne	(*)	119.0	116.4	(*)	(1)	(1)	(*)	4.3	4.4	(*)	42.7	42.1
12	Gary-Hammond-East Chicago ⁵	(*)	206.2	216.8	(*)	(1)	(1)	(*)	10.3	10.8	(*)	92.2	104.6
13	Indianapolis	(*)	413.7	410.0	(*)	(1)	(1)	(*)	16.1	15.8	(*)	122.5	123.7
14	Muncie	(*)	46.3	47.0	(*)	(1)	(1)	(*)	1.6	1.6	(*)	16.0	18.5
15	South Bend	(*)	92.1	90.6	(*)	(1)	(1)	(*)	3.7	3.3	(*)	29.6	29.7
16	Terre Haute	(*)	55.6	55.3	(*)	1.1	1.2	(*)	2.4	2.4	(*)	14.8	15.0
17	IOWA	882.6	895.1	866.5	2.4	2.8	2.4	32.9	36.8	31.5	208.1	209.6	208.0
18	Cedar Rapids	61.8	63.7	61.6	(1)	(1)	(1)	3.3	3.5	2.5	21.7	22.1	22.7
19	Des Moines	128.9	130.6	130.5	(1)	(1)	(1)	5.3	5.7	5.2	25.2	25.0	25.9
20	Dubuque	33.5	33.8	33.1	(1)	(1)	(1)	1.2	1.2	1.2	13.7	13.8	13.5
21	Sioux City	40.6	41.1	40.7	(1)	(1)	(1)	1.9	2.0	1.7	9.6	9.6	10.2
22	Waterloo	49.1	49.3	49.0	(1)	(1)	(1)	1.6	1.8	1.6	17.1	17.0	17.9
23	KANSAS	668.5	675.4	658.9	10.0	10.1	10.1	28.2	29.3	25.5	130.6	130.4	127.4
24	Topeka	63.3	63.2	62.2	.1	.1	.1	2.4	2.6	2.4	9.9	9.6	9.6
25	Wichita	137.2	137.7	132.5	2.3	2.3	2.5	5.9	6.3	5.2	36.5	35.9	34.3
26	KENTUCKY	934.3	953.2	919.6	30.4	29.9	29.1	47.6	51.2	47.7	252.0	252.1	251.3
27	Lexington	83.5	85.2	81.8	(1)	(1)	(1)	3.9	4.5	3.6	18.4	18.6	19.1
28	Louisville ²	324.2	330.5	322.4	(1)	(1)	(1)	13.4	15.2	13.5	106.2	106.4	108.6
29	LOUISIANA ²	1,060.5	1,072.7	1,027.3	51.0	50.9	49.8	77.5	78.0	69.6	174.3	175.6	169.0
30	Baton Rouge ²	(*)	106.7	105.0	(*)	.5	.5	(*)	12.2	12.9	(*)	17.9	17.9
31	Lake Charles	42.2	42.4	41.0	1.3	1.3	1.3	4.2	4.2	4.5	9.5	9.6	9.4
32	Monroe	(*)	(*)	37.1	(*)	(*)	.4	(*)	(*)	2.8	(*)	(*)	6.4
33	New Orleans	378.3	383.9	370.6	12.8	12.7	12.9	24.1	24.2	21.9	52.9	53.9	53.0
34	Shreveport	(*)	94.0	92.5	(*)	3.5	3.7	(*)	5.5	5.9	(*)	16.4	16.1
35	MAINE ²	325.8	331.8	324.0	(1)	(1)	(1)	14.7	15.9	14.8	102.2	102.7	104.1
36	Lewiston-Auburn	27.7	28.0	28.1	(1)	(1)	(1)	1.3	1.4	1.2	11.7	11.6	12.6
37	Portland	64.0	66.0	63.2	(1)	(1)	(1)	3.1	3.4	3.2	13.6	13.6	13.2
38	MARYLAND ^{2 4}	1,311.4	1,347.0	1,284.1	1.7	1.9	1.7	85.0	94.0	81.4	246.6	249.2	258.6
39	Baltimore	803.7	824.5	796.2	.3	.3	.3	42.5	47.0	40.6	176.9	178.7	187.6
40	MASSACHUSETTS	2,224.7	2,286.4	2,228.4	(1)	(1)	(1)	87.2	99.0	87.2	595.6	603.0	614.0
41	Boston	1,265.4	1,300.0	1,271.3	(1)	(1)	(1)	48.5	54.0	47.9	254.1	257.5	264.6
42	Brockton	51.7	52.5	52.1	-	-	-	1.5	1.6	1.8	14.7	15.0	15.7
43	Fall River	44.9	45.7	45.0	(1)	(1)	(1)	(1)	(1)	(1)	20.0	20.2	20.1
44	Lawrence-Haverhill	80.5	81.5	80.9	(1)	(1)	(1)	1.8	2.2	2.0	36.0	36.4	36.9
45	Lowell	51.6	52.9	51.5	(1)	(1)	(1)	2.0	2.4	2.2	19.3	19.6	19.3
46	New Bedford	54.8	55.8	54.3	(1)	(1)	(1)	1.3	1.5	1.6	24.9	24.7	24.8
47	Springfield-Chicopee-Holyoke	186.7	189.8	187.7	(1)	(1)	(1)	7.1	7.8	7.4	59.9	60.4	61.8
48	Worcester	124.9	127.0	126.8	(1)	(1)	(1)	4.6	5.2	5.4	38.9	39.0	41.5
49	MICHIGAN	2,966.9	3,033.4	2,958.7	11.7	12.2	11.8	96.2	104.3	94.6	1,055.2	1,068.7	1,063.0
50	Ann Arbor	107.7	108.7	107.6	(1)	(1)	(1)	1.4	1.7	2.1	38.3	38.4	37.9
51	Battle Creek	60.8	61.8	60.4	(1)	(1)	(1)	1.4	1.5	1.4	24.5	24.8	24.8
52	Bay City	30.3	31.5	31.1	(1)	(1)	(1)	1.2	1.4	1.3	9.9	10.5	11.5
53	Detroit	1,477.5	1,511.6	1,490.2	.7	.8	.8	54.2	57.2	51.8	534.3	541.3	547.6
54	Flint	165.3	168.0	162.2	(1)	(1)	(1)	2.8	3.1	3.5	78.4	78.8	77.2
55	Grand Rapids	190.7	195.5	187.4	(1)	(1)	(1)	7.1	7.7	7.1	70.6	71.4	70.2
56	Jackson	45.8	46.3	44.2	(1)	(1)	(1)	1.5	1.6	1.4	16.5	16.4	15.6
57	Kalamazoo	74.9	76.4	72.7	(1)	(1)	(1)	3.1	3.3	2.8	26.9	27.1	27.4
58	Lansing	133.7	137.3	128.3	(1)	(1)	(1)	6.1	6.6	5.6	37.5	38.1	36.1
59	Muskegon-Muskegon Heights	50.8	51.5	50.1	(1)	(1)	(1)	1.4	1.5	1.5	23.0	23.1	23.0
60	Saginaw	78.0	78.7	73.3	(1)	(1)	(1)	3.5	3.7	3.0	34.1	34.0	32.4

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			
Jan. 1972P	Dec. 1971	Jan. 1971	Jan. 1972P	Dec. 1971	Jan. 1971	Jan. 1972P	Dec. 1971	Jan. 1971	Jan. 1972P	Dec. 1971	Jan. 1971	Jan. 1972P	Dec. 1971	Jan. 1971	
14.1	14.2	14.2	50.5	53.4	48.4	8.7	8.6	8.2	34.8	34.9	32.6	50.9	51.3	49.2	1
3.3	3.3	3.3	12.2	12.7	11.5	3.1	3.1	3.0	7.4	7.3	6.7	11.5	11.5	10.6	2
278.5	282.3	279.3	947.4	992.2	928.3	238.3	238.9	233.9	680.6	685.4	672.6	643.0	654.3	641.0	3
197.4	201.8	200.5	670.4	707.1	660.0	186.9	186.5	182.9	497.8	501.7	493.1	365.8	371.2	362.1	4
(*)	220.6	219.0	(*)	743.4	703.9	(*)	193.1	189.9	(*)	536.2	523.8	(*)	400.7	384.3	5
(*)	7.2	7.2	(*)	30.5	29.1	(*)	5.4	5.3	(*)	18.8	18.5	(*)	22.7	22.7	6
(*)	7.4	7.1	(*)	30.2	27.7	(*)	5.5	5.4	(*)	19.2	18.6	(*)	16.3	15.8	7
3.5	3.6	3.4	21.4	21.7	20.7	3.1	3.1	3.1	14.4	14.5	14.2	10.4	10.4	10.3	8
96.8	97.3	98.6	366.2	381.6	360.1	76.6	76.8	76.0	223.7	224.9	220.1	296.2	297.4	291.1	9
(*)	5.2	5.2	(*)	19.8	19.3	(*)	3.2	3.2	(*)	13.7	13.5	(*)	8.9	8.7	10
(*)	8.5	8.2	(*)	29.0	27.8	(*)	6.8	6.7	(*)	15.2	15.0	(*)	12.5	12.2	11
(*)	14.0	13.9	(*)	36.4	36.0	(*)	6.2	6.1	(*)	23.2	22.8	(*)	23.9	22.6	12
(*)	27.9	28.3	(*)	95.9	93.6	(*)	28.7	28.7	(*)	54.5	53.3	(*)	68.1	66.6	13
(*)	2.3	2.4	(*)	10.0	9.2	(*)	1.4	1.4	(*)	5.3	5.0	(*)	9.7	8.9	14
(*)	4.7	4.8	(*)	21.9	20.8	(*)	5.0	5.0	(*)	16.1	15.9	(*)	11.1	11.1	15
(*)	4.2	4.2	(*)	13.3	13.1	(*)	1.8	1.8	(*)	6.6	6.4	(*)	11.4	11.2	16
51.2	51.6	50.2	211.7	217.8	206.2	41.3	41.2	41.0	152.7	152.6	148.0	182.5	182.8	179.2	17
3.5	3.5	3.2	12.7	13.2	13.2	2.9	3.0	2.9	9.7	9.9	9.8	8.0	8.0	7.3	18
9.1	9.2	9.3	31.0	32.2	32.8	15.7	15.7	15.1	22.6	22.9	22.7	19.8	19.8	19.6	19
1.6	1.6	1.6	7.0	7.2	6.7	.9	.9	.9	6.2	6.2	6.3	2.9	2.9	2.9	20
2.8	2.9	3.0	10.9	11.3	10.8	2.1	2.1	2.1	7.7	7.7	7.4	5.5	5.5	5.5	21
2.2	2.2	2.3	11.0	11.2	10.3	1.4	1.4	1.4	7.2	7.2	7.1	8.5	8.4	8.3	22
50.5	50.3	50.6	155.8	162.3	155.9	30.7	30.6	30.4	102.1	102.7	101.9	160.6	159.7	157.1	23
6.5	6.5	7.1	13.4	14.0	12.6	4.2	4.2	4.1	10.3	10.2	10.1	16.7	16.2	16.3	24
7.7	7.7	7.9	31.4	32.3	31.2	6.8	6.7	6.7	24.8	24.8	24.7	22.0	21.7	20.3	25
57.6	58.5	58.2	183.4	194.0	180.4	35.7	35.7	35.3	137.9	139.9	137.1	189.7	191.9	180.5	26
4.3	4.5	4.5	16.8	17.3	16.3	3.6	3.6	3.6	12.9	13.1	12.9	23.6	23.6	21.8	27
23.6	23.2	22.8	70.0	73.8	68.3	18.0	18.0	17.1	48.6	49.0	47.5	44.5	44.8	44.5	28
91.5	92.2	93.0	244.6	246.6	229.2	50.0	49.9	47.7	142.4	157.3	154.4	229.2	222.2	214.6	29
(*)	5.2	5.2	(*)	22.2	21.2	(*)	6.1	5.6	(*)	14.2	14.3	(*)	28.4	27.4	30
2.8	3.0	3.1	9.1	9.1	8.3	1.5	1.5	1.4	6.2	6.1	5.9	7.6	7.6	7.1	31
(*)	(*)	2.2	(*)	(*)	9.6	(*)	(*)	2.3	(*)	(*)	5.4	(*)	(*)	8.0	32
41.7	42.6	44.2	91.9	95.1	89.9	24.1	24.0	22.7	69.8	70.7	68.1	61.0	60.7	57.9	33
(*)	9.2	9.1	(*)	23.5	22.9	(*)	4.6	4.4	(*)	15.2	14.6	(*)	16.1	15.8	34
17.2	17.4	17.2	66.3	69.5	65.2	12.6	12.6	12.4	42.5	42.9	41.8	70.3	70.8	68.5	35
.9	1.0	.9	6.2	6.5	6.2	.9	.8	.9	4.1	4.1	4.1	2.6	2.6	2.2	36
5.0	5.2	5.2	17.3	18.7	17.2	5.6	5.6	5.5	10.7	10.7	10.7	8.7	8.8	8.2	37
78.4	78.9	80.4	320.1	338.4	304.0	69.9	70.9	67.6	245.2	248.6	235.4	264.5	265.1	255.0	38
55.3	55.4	56.4	180.7	191.4	174.2	43.6	44.2	42.6	139.7	142.3	135.2	164.7	165.2	159.3	39
118.2	120.3	117.0	489.6	524.4	489.5	128.0	128.5	128.2	469.8	474.0	463.3	336.3	337.2	329.2	40
73.8	74.9	74.2	300.6	321.1	300.7	93.5	93.7	95.0	316.9	320.1	311.4	178.0	178.7	177.5	41
4.1	3.9	3.9	13.4	13.7	13.1	1.5	1.5	1.5	7.5	7.7	7.4	9.0	9.1	8.7	42
1.9	1.9	2.0	9.9	10.4	9.8	(1)	(1)	(1)	8.6	8.7	8.7	4.5	4.5	4.4	43
2.8	2.7	2.7	14.8	15.9	14.8	2.4	2.4	2.4	10.2	10.4	10.1	12.5	11.5	12.0	44
2.4	2.3	2.3	11.3	11.9	11.2	1.5	1.5	1.5	8.2	8.3	8.1	6.9	6.9	6.9	45
3.3	3.3	3.2	10.8	11.5	10.4	(1)	(1)	(1)	9.3	9.5	9.2	5.2	5.3	5.1	46
8.8	8.9	8.9	39.5	41.1	39.7	9.5	9.5	9.6	35.5	35.6	34.8	26.4	26.5	25.5	47
7.0	7.0	7.0	27.1	28.3	26.5	7.0	7.0	7.0	23.4	23.6	22.7	16.9	16.9	16.7	48
143.2	146.0	146.8	584.3	619.9	585.9	120.2	120.3	117.9	425.0	427.1	422.1	531.2	534.9	516.6	49
2.4	2.4	2.5	13.5	14.3	13.2	2.6	2.7	2.6	10.0	10.1	10.2	39.4	39.2	39.1	50
2.7	2.7	2.7	9.5	10.0	9.4	3.5	3.6	3.5	8.0	8.1	7.9	11.1	11.2	10.8	51
1.8	1.8	1.7	7.2	7.5	7.1	.8	.8	.8	4.3	4.4	3.9	5.1	5.1	4.8	52
80.9	82.3	82.6	294.6	315.3	302.0	68.8	68.6	67.5	221.8	223.6	220.3	222.3	222.5	217.7	53
5.9	6.0	5.3	33.6	35.7	33.2	4.3	4.3	4.2	17.2	17.1	16.2	23.1	23.1	22.7	54
9.8	9.9	9.8	45.7	48.7	44.7	7.2	7.2	7.2	27.0	27.3	26.7	23.3	23.3	21.6	55
4.3	4.3	4.3	8.4	8.9	8.2	1.4	1.4	1.5	5.5	5.5	5.2	8.2	8.2	8.0	56
2.7	2.8	2.7	15.4	15.9	13.7	2.3	2.3	2.3	9.1	9.2	8.9	15.5	15.7	14.9	57
3.7	3.7	3.5	21.5	22.6	22.3	5.7	5.8	5.7	15.5	16.9	13.9	43.7	43.5	41.3	58
2.8	2.8	2.6	8.7	9.0	8.6	1.3	1.3	1.3	6.5	6.6	6.5	7.1	7.2	6.7	59
3.4	3.4	3.3	15.1	15.7	13.8	2.8	2.8	2.6	9.1	9.2	9.1	10.1	10.0	9.3	60

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971
1	MINNESOTA ²	1,294.7	1,318.1	1,261.7	12.6	12.7	12.0	54.4	60.7	50.1	294.8	297.7	294.9
2	Duluth-Superior	(*)	54.3	53.4	(1)	(1)	(1)	(*)	2.1	2.0	(*)	8.2	9.3
3	Minneapolis-St. Paul ²	766.0	778.9	757.1	(1)	(1)	(1)	30.6	34.3	31.0	187.9	189.3	190.2
4	MISSISSIPPI ²	594.7	603.9	572.7	6.1	6.1	5.9	26.6	28.1	26.7	192.4	193.5	181.3
5	Jackson ²	98.0	99.2	94.0	.7	.7	.7	6.1	6.0	5.1	14.2	14.2	14.0
6	MISSOURI ²	1,615.8	1,644.3	1,624.8	7.8	8.3	8.8	54.6	59.9	61.6	421.7	425.0	430.3
7	Kansas City	517.2	529.0	501.9	.4	.4	.4	24.5	26.8	20.9	118.6	119.0	121.3
8	St. Joseph	31.5	32.4	31.2	(3)	(3)	(3)	1.5	1.6	1.5	9.1	9.3	9.0
9	St. Louis	868.1	890.1	878.7	2.1	2.1	2.1	33.8	35.2	36.7	251.8	255.5	262.8
10	Springfield	58.3	59.5	57.6	.1	.1	.1	2.2	2.6	2.6	16.2	16.2	15.4
11	MONTANA	198.9	205.4	193.0	6.0	6.1	6.0	8.1	10.6	6.8	24.1	24.9	23.0
12	Billings	30.2	31.4	28.6	(1)	(1)	(1)	1.4	1.7	1.3	3.3	3.4	3.1
13	Great Falls	25.4	26.0	24.3	(1)	(1)	(1)	1.1	1.4	1.0	2.8	2.8	2.8
14	NEBRASKA	483.9	493.7	476.1	1.4	1.5	1.4	20.9	23.2	19.7	81.3	81.5	82.0
15	Lincoln	73.1	74.7	71.1	-	-	-	3.4	3.8	3.0	10.9	11.0	10.4
16	Omaha	212.2	217.0	206.4	(3)	(3)	(3)	10.1	10.7	9.1	36.5	36.6	37.1
17	NEVADA	203.7	207.3	198.2	3.7	3.7	3.6	11.2	11.5	10.4	8.2	8.2	8.2
18	Las Vegas	111.1	112.8	109.7	.1	.1	.1	6.7	6.7	6.7	3.7	3.7	4.0
19	Reno	59.4	60.7	55.6	.3	.3	.2	3.3	3.6	2.8	3.1	3.1	2.9
20	NEW HAMPSHIRE	252.6	257.5	248.0	.3	.3	.3	9.7	11.1	10.1	86.0	86.3	85.5
21	Manchester	49.1	50.7	48.2	(1)	(1)	(1)	1.9	2.1	2.1	16.9	17.0	16.2
22	NEW JERSEY	2,555.7	2,613.9	2,561.3	3.0	3.1	3.0	108.4	122.5	113.1	800.5	808.6	836.8
23	Atlantic City	59.6	61.8	56.9	-	-	-	3.5	3.7	3.3	10.2	10.4	10.1
24	Camden ⁶	258.4	263.8	253.6	.1	.1	.1	12.6	13.7	12.3	69.7	69.6	72.5
25	Jersey City ⁷	246.7	241.7	251.9	-	-	-	6.4	6.9	6.2	97.4	99.9	103.4
26	Long Branch	118.8	121.5	115.6	.1	.1	.1	4.9	5.7	5.4	20.9	21.4	21.1
27	Newark	771.6	787.8	780.5	.7	.7	.6	29.8	32.8	31.0	225.9	229.9	236.6
28	Paterson-Clifton-Passaic ⁷	502.7	512.4	499.0	.2	.2	.2	21.3	23.2	20.2	176.3	176.7	181.5
29	Perth Amboy ⁷	278.8	285.2	278.7	.8	.8	.9	11.5	13.1	12.3	106.6	107.2	112.5
30	Trenton	134.7	136.8	133.1	(1)	(1)	(1)	4.0	4.2	4.0	37.8	38.2	39.1
31	NEW MEXICO	303.3	308.0	290.6	15.7	15.9	17.2	19.0	19.9	15.0	22.1	22.2	20.3
32	Albuquerque	116.1	118.5	109.3	(1)	(1)	(1)	8.8	9.0	7.0	9.9	9.9	8.9
33	NEW YORK	(*)	7,057.8	7,016.3	(*)	7.5	7.7	(*)	261.3	231.4	(*)	1,635.9	1,682.9
34	Albany-Schenectady-Troy ²	273.9	279.8	279.1	(1)	(1)	(1)	11.2	13.1	12.2	58.6	59.1	60.6
35	Binghamton ²	97.7	100.8	100.8	(1)	(1)	(1)	3.2	3.8	3.6	36.9	37.8	39.4
36	Buffalo ²	468.9	481.7	483.5	(1)	(1)	(1)	13.5	15.5	14.9	151.0	152.0	162.2
37	Elmira ²	36.6	37.7	37.3	(1)	(1)	(1)	1.6	1.9	1.6	13.7	13.7	14.9
38	Monroe County ^{2 8}	293.5	300.9	296.2	(1)	(1)	(1)	10.4	11.3	10.9	121.1	122.2	124.1
39	Nassau and Suffolk Counties ^{2 9}	712.1	735.8	707.6	(1)	(1)	(1)	32.2	37.7	31.9	137.9	138.3	142.3
40	New York-Northeastern New Jersey	(*)	6,643.1	6,569.6	(*)	4.3	4.3	(*)	250.2	222.7	(*)	1,556.4	1,597.8
41	New York SMSA ⁷	(*)	4,802.6	4,760.8	(*)	2.5	2.5	(*)	173.2	153.1	(*)	941.4	963.2
42	New York City ⁹	(*)	3,681.0	3,677.4	(*)	1.8	1.9	(*)	109.7	101.5	(*)	718.5	729.5
43	Rochester ²	334.6	343.7	338.0	(1)	(1)	(1)	11.2	12.0	11.6	134.8	136.8	138.1
44	Rockland County ^{2 9}	63.4	65.8	62.4	(1)	(1)	(1)	3.4	4.2	3.3	13.9	14.1	14.2
45	Syracuse ²	223.0	229.3	220.9	(1)	(1)	(1)	8.1	9.2	8.2	58.4	59.1	60.0
46	Utica-Rome ²	104.3	107.7	109.3	(1)	(1)	(1)	2.9	3.8	2.9	33.7	34.4	38.2
47	Westchester County ^{2 9}	293.8	305.8	297.9	(1)	(1)	(1)	14.9	19.1	15.4	67.8	68.8	72.0
48	NORTH CAROLINA	1,799.6	1,822.1	1,769.0	3.6	3.6	3.7	89.5	93.8	90.4	715.3	717.1	707.9
49	Asheville	-	-	-	-	-	-	-	-	-	19.9	19.7	19.2
50	Charlotte	183.4	184.6	180.0	(1)	(1)	(1)	11.2	11.6	11.1	42.1	42.2	42.1
51	Greensboro-Winston-Salem-	-	-	-	-	-	-	-	-	-	-	-	-
52	High Point	267.4	270.4	264.4	(1)	(1)	(1)	13.9	14.5	14.2	110.9	111.6	111.7
52	Raleigh	-	-	-	-	-	-	-	-	-	14.0	14.0	13.5
53	NORTH DAKOTA ²	163.0	166.5	158.6	1.5	1.7	1.4	8.2	9.1	6.3	10.2	10.6	10.0
54	Fargo-Moorhead ²	42.3	43.2	41.1	.1	.1	.1	2.4	2.7	2.0	3.1	3.2	2.9
55	OHIO ²	3,776.6	3,850.0	3,788.9	21.9	22.0	20.7	126.7	141.6	127.9	1,297.7	1,301.0	1,351.4
56	Akron ²	243.4	248.0	240.1	.2	.3	.2	6.5	7.3	6.8	89.7	90.0	91.9
57	Canton ²	133.7	135.4	135.2	.3	.4	.4	3.7	4.2	3.9	56.1	55.5	59.7
58	Cincinnati ²	492.6	504.6	495.9	.4	.4	.4	16.6	19.2	16.2	152.6	154.6	163.2

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			
Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	
83.1	85.1	83.1	321.0	330.2	308.5	65.4	65.6	63.8	213.7	216.1	210.5	249.7	249.9	238.8	1
(*)	6.5	5.9	(*)	13.7	12.8	(*)	1.9	1.9	(*)	11.1	11.0	(*)	10.7	10.6	2
58.4	58.9	56.4	191.1	196.8	187.2	48.1	48.3	47.4	135.1	136.5	133.3	114.8	114.7	111.6	3
31.0	31.4	29.4	108.7	115.0	105.8	22.2	22.3	21.3	70.3	70.6	68.5	137.3	136.8	133.7	4
6.2	6.3	6.3	23.5	24.8	22.1	7.2	7.2	7.1	17.0	17.2	16.7	23.0	22.6	22.0	5
120.4	121.4	120.0	362.9	379.0	369.9	89.6	89.9	88.5	260.5	262.2	256.7	298.3	298.6	289.0	6
48.7	49.5	49.8	129.6	137.0	122.8	33.5	33.8	32.6	84.0	84.6	79.1	77.9	77.9	75.0	7
1.9	1.9	2.0	7.8	8.4	7.9	1.4	1.4	1.3	4.8	4.8	4.7	5.0	5.0	4.8	8
63.3	63.8	61.7	192.1	201.4	190.9	46.7	47.1	46.7	151.0	153.7	150.9	127.3	131.3	126.9	9
4.5	4.5	4.5	14.5	15.2	14.8	2.3	2.3	2.3	9.8	9.9	9.7	8.7	8.7	8.2	10
17.0	17.0	17.1	48.0	50.3	46.4	8.7	8.7	8.2	33.8	33.9	33.1	53.2	53.9	52.4	11
2.9	2.9	2.6	9.3	9.9	9.0	1.6	1.7	1.5	5.9	6.0	5.5	5.8	5.8	5.6	12
2.1	2.1	2.1	7.1	7.4	6.7	1.6	1.6	1.5	5.0	5.0	4.8	5.7	5.7	5.4	13
35.2	35.4	35.9	123.3	129.2	119.6	30.0	29.9	29.6	83.7	84.3	82.7	108.1	108.6	105.2	14
5.0	5.0	4.8	15.6	16.5	15.0	5.5	5.6	5.5	11.3	11.4	11.1	21.4	21.5	21.2	15
19.8	20.0	20.0	55.5	58.4	54.0	17.1	17.1	17.0	38.2	39.0	37.6	35.1	35.2	31.7	16
13.8	14.2	13.8	39.2	41.6	37.8	8.6	8.6	8.2	79.9	80.4	78.2	39.1	39.1	38.0	17
7.3	7.6	7.4	21.6	22.7	20.5	4.5	4.5	4.4	50.4	50.8	50.1	16.8	16.7	16.5	18
4.7	4.7	4.6	13.1	13.9	12.3	3.2	3.2	3.1	20.7	21.0	19.1	11.0	10.9	10.6	19
12.6	12.5	12.0	50.0	52.9	48.9	11.8	11.7	11.6	42.6	43.0	41.1	39.6	39.7	38.5	20
3.5	3.6	3.5	10.8	11.9	11.0	3.3	3.3	3.2	8.3	8.4	8.1	4.4	4.4	4.1	21
176.5	178.6	178.8	548.6	576.9	529.3	121.2	122.2	118.7	410.0	414.3	402.7	387.5	387.7	378.9	22
3.3	3.3	3.4	15.4	16.5	14.0	3.0	3.0	2.9	12.6	13.3	12.1	11.6	11.6	11.1	23
12.9	13.1	13.0	65.9	69.4	61.3	10.1	10.1	9.6	37.0	37.9	37.1	50.1	49.9	47.7	24
33.3	33.9	34.1	41.1	42.6	40.0	8.2	8.2	8.2	30.6	30.5	30.1	29.7	29.7	29.9	25
6.3	6.1	6.2	29.4	30.6	26.8	4.3	4.3	4.3	24.6	25.0	24.2	28.3	28.3	27.5	26
62.6	62.9	63.8	152.2	158.8	152.4	56.8	57.1	56.1	135.3	137.1	134.0	108.3	108.5	106.0	27
25.6	25.9	27.3	129.2	134.7	123.1	19.8	19.8	19.0	74.8	76.1	74.7	55.5	55.8	53.0	28
14.6	14.8	15.0	58.0	62.5	54.8	6.5	6.5	6.2	32.6	32.7	30.8	48.2	47.6	46.2	29
6.4	6.5	6.5	21.2	22.9	20.4	5.3	5.3	5.3	30.5	30.4	28.8	29.5	29.3	29.0	30
20.3	20.5	20.4	64.3	67.3	62.0	14.1	14.1	13.0	53.9	53.9	52.5	93.9	94.2	90.2	31
7.1	7.2	7.0	27.7	29.1	26.9	7.0	7.0	6.7	26.2	26.2	25.3	29.4	30.1	27.5	32
(*)	460.4	484.3	(*)	1,512.1	1,440.5	(*)	598.0	595.3	(*)	1,355.6	1,352.8	(*)	1,226.8	1,221.5	33
14.5	14.6	16.1	55.1	58.5	55.4	11.6	11.7	11.3	47.9	48.2	46.6	75.0	74.7	76.9	34
4.4	4.5	4.6	17.3	18.3	17.7	3.2	3.2	3.2	12.0	12.1	12.0	20.8	21.2	20.4	35
27.1	27.9	30.0	99.8	106.6	99.5	19.1	19.2	19.2	77.7	78.6	76.2	80.7	82.0	81.6	36
1.4	1.4	1.5	7.7	8.3	7.4	1.0	1.0	1.0	5.5	5.7	5.4	5.7	5.7	5.5	37
10.7	10.8	10.7	51.4	55.1	53.0	11.8	11.8	11.6	51.4	51.8	50.0	36.6	37.8	35.9	38
31.0	31.8	35.0	197.7	212.2	186.7	36.8	36.7	35.1	131.5	132.7	129.4	144.9	146.4	147.2	39
(*)	489.1	506.2	(*)	1,453.6	1,375.8	(*)	601.7	597.8	(*)	1,273.7	1,262.4	(*)	1,014.1	1,002.6	40
(*)	351.3	365.9	(*)	1,054.7	1,005.4	(*)	510.1	508.4	(*)	997.1	993.1	(*)	772.3	769.3	41
(*)	298.1	307.3	(*)	748.8	729.9	(*)	459.0	458.9	(*)	780.5	788.8	(*)	564.5	559.7	42
12.3	12.4	12.4	58.9	63.2	60.5	12.6	12.6	12.3	55.9	56.9	54.8	49.0	49.8	48.4	43
3.6	3.6	3.4	12.6	13.0	12.2	2.0	2.0	1.9	10.9	11.4	10.9	17.1	17.5	16.5	44
13.5	13.6	13.7	48.3	51.0	47.3	12.7	12.6	12.3	40.9	41.8	38.8	41.1	41.9	40.6	45
4.5	4.4	3.7	17.7	18.8	17.9	4.7	4.7	4.7	14.7	14.9	14.8	26.2	26.7	27.1	46
17.2	17.8	19.7	68.2	72.3	68.9	14.2	14.3	14.2	63.7	65.3	61.5	47.7	48.2	46.2	47
95.7	95.9	92.4	327.7	342.1	321.3	71.5	71.1	69.3	214.9	216.6	210.0	281.4	281.9	274.0	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
19.0	19.0	18.7	47.4	48.0	47.2	14.0	14.0	13.2	27.4	27.7	26.2	22.3	22.1	21.5	50
17.0	17.0	16.2	48.5	50.1	47.9	13.3	13.2	12.9	32.6	32.8	31.3	31.2	31.2	30.2	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
11.7	11.9	12.0	44.7	46.1	42.9	7.3	7.4	7.1	29.3	29.5	29.0	50.1	50.3	49.8	53
2.8	2.9	3.0	12.6	13.0	12.3	2.4	2.4	2.4	8.5	8.6	8.2	10.6	10.4	10.2	54
216.3	219.5	220.5	775.9	820.4	761.8	163.3	163.6	158.4	587.9	591.2	571.2	586.9	590.6	576.9	55
14.8	15.0	14.7	50.2	53.0	47.5	7.4	7.5	7.0	36.5	36.6	34.2	38.0	38.3	37.6	56
6.9	6.9	7.1	27.0	28.5	26.1	4.8	4.8	4.7	20.9	21.1	20.1	14.0	14.0	13.2	57
34.9	35.5	35.4	107.2	113.1	105.5	26.9	27.0	26.2	81.4	82.4	77.6	72.5	72.4	71.5	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971
1	OHIO—Continued												
2	Cleveland ²	820.8	838.6	824.9	1.3	1.4	1.5	26.1	28.8	27.6	268.1	269.6	279.0
3	Columbus ²	380.5	389.6	373.1	.7	.8	.7	15.9	17.6	15.0	83.6	83.6	86.4
4	Dayton ²	306.0	310.9	321.6	.5	.5	.4	9.6	10.9	9.6	103.8	104.7	119.6
5	Toledo ²	244.3	248.7	239.7	.3	.4	.4	8.6	9.3	8.1	79.0	79.4	77.6
6	Youngstown—Warren ²	194.4	197.1	196.1	.3	.3	.3	5.5	6.1	6.1	85.4	84.7	89.2
7	OKLAHOMA ²	790.3	794.9	763.1	36.9	36.6	37.3	38.9	39.2	34.4	131.1	131.0	129.6
8	Oklahoma City ²	268.9	271.0	261.2	6.7	6.7	6.9	13.7	14.4	13.0	37.5	37.5	38.0
9	Tulsa ²	180.9	183.0	176.5	13.5	13.3	12.6	8.3	8.8	7.8	38.8	38.8	39.2
10	OREGON	722.0	737.0	684.9	1.2	1.2	1.1	28.4	29.7	24.1	167.5	170.9	159.0
11	Eugene	(*)	72.2	67.1	(*)	(1)	(1)	(*)	2.8	2.3	(*)	19.3	17.3
12	Portland	388.1	396.0	369.7	(1)	(1)	(1)	17.7	18.8	14.3	82.2	83.5	79.6
13	Salem	56.0	57.3	53.3	(1)	(1)	(1)	2.7	2.8	2.2	9.2	9.9	8.1
14	PENNSYLVANIA	4,211.9	4,319.3	4,240.2	40.5	40.7	40.2	172.3	192.4	173.6	1,395.6	1,406.5	1,449.8
15	Allentown—Bethlehem—Easton	209.4	212.3	211.1	.6	.6	.5	6.9	7.3	6.4	97.5	97.5	100.8
16	Altoona	45.5	46.7	46.8	(1)	(1)	(1)	1.5	1.8	1.6	14.2	14.3	15.0
17	Delaware Valley ¹⁰	1,497.7	1,544.5	1,492.5	1.4	1.4	1.4	72.3	80.9	66.1	434.0	441.9	446.2
18	Erie	95.5	97.2	95.4	(1)	(1)	(1)	3.1	3.5	3.1	40.8	41.4	41.8
19	Harrisburg	177.1	180.3	174.0	(1)	(1)	(1)	8.9	9.1	7.4	38.3	38.3	38.4
20	Johnstown	76.6	78.2	76.2	5.6	5.6	5.4	2.8	3.0	2.2	22.9	23.2	23.9
21	Lancaster	119.3	123.1	119.2	(1)	(1)	(1)	6.2	6.6	5.8	50.5	51.6	53.2
22	Philadelphia SMSA	1,756.4	1,808.7	1,746.0	1.5	1.6	1.5	84.9	94.6	78.5	503.9	511.7	518.5
23	Philadelphia City ¹¹	884.5	908.3	901.3	-	-	-	30.4	32.7	32.3	220.4	226.6	229.5
24	Pittsburgh	855.6	876.8	857.9	10.0	10.0	9.3	40.2	43.7	37.9	257.4	256.5	266.5
25	Reading	124.2	127.6	123.1	(1)	(1)	(1)	4.0	4.2	4.1	55.3	55.8	56.1
26	Scranton	84.0	86.4	82.5	.4	.4	.4	2.2	2.6	2.0	32.6	32.9	31.9
27	Wilkes-Barre—Hazleton	120.6	123.4	121.7	1.7	1.7	1.9	5.1	5.5	5.4	51.4	51.8	52.7
28	York	136.1	137.9	132.5	(1)	(1)	(1)	10.1	10.0	8.9	60.1	60.5	59.5
29	RHODE ISLAND ²	335.5	346.7	332.3	(1)	(1)	(1)	11.5	13.5	11.6	114.4	116.9	113.4
30	Providence—Pawtucket—Warwick ²	348.2	358.6	344.6	(1)	(1)	(1)	11.6	13.6	11.8	128.2	130.8	128.4
31	SOUTH CAROLINA ²	873.1	886.4	840.3	1.5	1.6	1.6	50.8	53.5	50.4	341.9	342.4	332.2
32	Charleston	(*)	88.1	86.1	(*)	(1)	(1)	(*)	5.9	4.5	(*)	12.8	14.7
33	Columbia	(*)	117.2	110.7	(*)	(1)	(1)	(*)	8.4	7.5	(*)	19.4	18.9
34	Greenville	(*)	124.5	120.6	(*)	(1)	(1)	(*)	8.7	8.8	(*)	54.8	52.6
35	SOUTH DAKOTA	176.3	179.3	173.1	2.2	2.2	2.2	5.1	5.9	5.3	16.8	16.9	15.5
36	Stoux Falls	34.1	35.4	34.1	(1)	(1)	(1)	1.0	1.1	1.3	6.2	6.4	6.0
37	TENNESSEE	1,365.7	1,382.8	1,341.8	6.7	6.9	7.1	73.0	74.0	65.3	467.8	470.4	465.5
38	Chattanooga ²	132.6	134.3	128.1	.3	.3	.2	5.1	5.2	5.1	52.6	53.1	51.9
39	Knoxville	146.8	147.2	143.8	1.9	1.9	1.8	7.2	7.2	7.3	46.0	46.0	46.6
40	Memphis ²	284.6	287.3	275.9	.2	.3	.2	16.8	16.8	14.8	58.0	58.3	57.4
41	Nashville	(*)	225.9	221.8	(*)	(1)	(1)	(*)	13.3	12.6	(*)	59.4	60.6
42	TEXAS ²	3,699.5	3,741.1	3,607.2	101.0	101.2	102.3	226.6	229.5	215.4	711.3	712.5	707.9
43	Amarillo ²	-	-	-	-	-	-	-	-	-	7.2	7.2	7.0
44	Austin ²	125.9	126.5	118.8	(1)	(1)	(1)	9.3	9.2	8.0	12.4	12.4	11.9
45	Beaumont—Port Arthur—Orange ²	106.3	109.3	105.4	(1)	(1)	(1)	6.9	8.5	8.3	37.2	37.5	35.3
46	Corpus Christi	-	-	-	-	-	-	-	-	-	10.9	10.9	11.4
47	Dallas ²	666.2	674.9	643.8	8.4	8.3	8.3	38.8	38.4	35.3	144.1	145.0	145.0
48	El Paso ²	112.9	113.9	106.9	-	-	-	8.1	8.4	6.1	26.6	26.7	24.8
49	Fort Worth ²	250.4	254.5	259.9	1.2	1.2	1.7	12.2	12.6	11.0	69.0	69.3	79.1
50	Galveston—Texas City ²	-	-	-	-	-	-	-	-	-	10.9	11.0	11.3
51	Houston ²	802.3	811.2	773.4	28.9	29.1	29.0	71.3	71.7	68.2	145.6	145.8	143.8
52	Lubbock ²	-	-	-	-	-	-	-	-	-	7.4	7.4	7.0
53	San Antonio ²	271.7	271.9	263.2	1.3	1.3	1.4	14.7	14.5	13.6	33.6	33.4	33.7
54	Waco ²	-	-	-	-	-	-	-	-	-	12.0	12.0	11.2
55	Wichita Falls ²	-	-	-	-	-	-	-	-	-	5.0	5.1	4.4
56	UTAH	371.4	379.4	354.6	11.6	11.5	12.5	15.8	17.1	12.1	56.2	56.9	53.7
57	Salt Lake City	199.4	202.1	191.9	6.4	6.5	7.5	9.6	10.0	7.5	30.5	30.5	30.2
58	VERMONT	146.6	148.9	143.8	.9	.9	.9	7.0	8.3	7.6	37.4	37.8	37.5
59	Burlington ¹²	36.5	38.3	36.9	-	-	-	-	-	-	8.9	9.0	10.0
60	Springfield ¹²	12.2	12.4	12.2	-	-	-	-	-	-	5.1	5.3	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			
Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	
48.4	49.3	49.1	180.0	190.9	178.9	42.7	42.8	42.0	139.6	140.7	134.5	114.5	115.0	112.4	1
21.5	21.7	21.2	81.8	87.5	78.8	26.6	26.8	25.9	69.0	69.2	64.5	81.3	82.4	80.6	2
10.6	10.7	12.6	61.2	63.6	61.3	10.0	9.9	9.6	51.5	51.6	49.7	59.1	58.9	58.8	3
16.3	16.7	16.9	53.7	56.3	52.3	8.1	8.2	7.9	41.1	41.4	40.0	37.1	37.0	36.5	4
10.0	10.3	10.0	38.1	39.8	37.1	5.9	5.9	5.6	28.3	28.5	27.0	20.9	21.6	20.8	5
51.8	52.1	52.0	178.0	183.9	170.6	39.2	38.9	37.6	121.9	121.6	116.0	192.5	191.6	185.6	6
17.4	17.5	17.0	61.9	63.9	59.1	17.5	17.4	16.3	39.9	40.0	38.6	74.3	73.6	72.3	7
15.9	16.1	15.7	43.2	44.1	41.1	9.8	9.9	9.6	32.4	32.9	31.5	19.0	19.1	19.0	8
49.0	49.8	47.2	165.5	173.5	156.4	37.5	37.6	35.3	116.9	118.3	111.6	156.0	156.0	150.2	9
(*)	4.3	4.0	(*)	15.6	14.2	(*)	3.1	3.0	(*)	10.2	9.7	(*)	16.9	16.6	10
29.5	30.2	29.4	93.5	97.8	90.1	25.7	25.7	24.2	71.5	72.0	67.8	68.0	68.0	64.3	11
2.0	2.0	1.9	11.3	11.8	11.1	3.2	3.2	3.1	8.2	8.3	8.3	19.4	19.3	18.6	12
256.2	259.4	261.0	829.7	881.7	823.6	193.6	194.1	191.7	680.9	700.3	668.5	643.1	644.2	631.8	13
12.1	12.2	12.3	35.2	36.8	35.4	7.1	7.4	7.1	28.3	28.8	28.2	21.7	21.7	20.4	14
6.7	6.8	7.5	8.4	9.1	8.3	1.3	1.3	1.2	7.0	7.0	6.9	6.4	6.4	6.3	15
87.3	87.1	88.2	302.7	322.1	301.5	91.3	91.8	92.2	282.0	292.7	275.1	226.7	226.6	221.8	16
5.4	5.4	5.3	17.7	18.1	17.2	3.5	3.5	3.4	13.3	13.6	13.0	11.7	11.7	11.6	17
13.4	13.8	14.1	36.1	37.6	34.8	9.5	9.5	9.3	25.0	26.0	25.3	45.9	46.0	44.7	18
4.8	4.8	4.9	13.0	14.0	12.9	2.2	2.2	2.1	12.1	12.0	11.9	13.2	13.4	12.9	19
5.4	5.7	5.4	23.9	25.3	23.0	3.1	3.0	2.9	18.6	19.2	17.8	11.6	11.7	11.1	20
100.2	100.2	101.3	368.7	391.5	362.8	101.4	101.9	101.7	319.0	330.6	312.2	276.8	276.6	269.5	21
65.3	65.3	63.7	175.4	187.7	179.3	72.3	72.6	71.3	167.9	170.4	170.8	152.8	153.0	154.4	22
55.7	56.5	59.0	177.2	192.9	177.5	37.9	38.0	37.7	158.2	159.7	157.2	119.0	119.5	112.8	23
6.3	6.4	6.6	21.4	23.1	21.0	4.6	4.7	4.6	16.9	17.3	16.4	15.7	16.1	14.3	24
4.5	4.5	4.9	16.7	18.0	17.0	2.6	2.6	2.5	14.8	15.1	14.2	10.2	10.3	9.6	25
6.8	6.8	6.6	20.9	22.7	20.4	4.3	4.4	4.3	15.0	15.1	14.8	15.4	15.4	15.6	26
5.9	6.0	5.9	25.4	26.9	25.2	3.3	3.1	3.0	16.1	16.2	15.5	15.2	15.2	14.5	27
15.2	15.4	15.1	71.1	76.7	70.0	15.9	15.8	15.6	53.7	54.5	54.0	53.7	53.9	52.6	28
15.2	15.5	14.9	74.1	79.0	71.5	15.9	15.8	15.8	52.4	53.1	52.8	50.8	50.8	49.4	29
38.3	38.5	37.0	148.8	157.7	141.7	31.2	31.2	30.3	94.6	96.3	92.2	166.0	165.2	154.9	30
(*)	5.6	5.5	(*)	18.8	17.5	(*)	3.6	3.5	(*)	10.5	10.3	(*)	30.9	30.1	31
(*)	7.2	7.1	(*)	24.5	22.7	(*)	7.6	7.3	(*)	16.1	15.5	(*)	34.0	31.7	32
(*)	4.6	4.4	(*)	22.8	22.0	(*)	4.9	4.9	(*)	14.5	14.2	(*)	14.2	13.7	33
10.2	10.4	10.5	44.3	45.9	43.8	7.4	7.5	7.5	32.7	32.4	32.4	57.6	58.1	55.9	34
3.0	3.1	3.2	10.6	10.9	10.2	1.8	1.8	1.8	6.3	6.7	6.7	5.2	5.4	4.9	35
67.4	67.8	66.3	262.8	274.2	261.3	59.8	60.0	58.2	187.6	189.1	183.5	240.6	240.4	234.6	36
6.5	6.4	6.6	23.7	25.4	23.4	7.4	7.4	7.2	17.4	17.1	15.6	19.6	19.4	18.1	37
6.2	6.2	6.1	32.2	32.6	29.8	5.1	5.1	5.1	17.8	17.7	18.0	30.4	30.5	29.2	38
19.1	19.3	19.7	73.5	75.7	70.8	16.2	16.1	15.5	47.0	47.8	45.3	53.8	53.0	52.2	39
(*)	13.7	13.7	(*)	50.2	48.9	(*)	15.3	15.0	(*)	37.6	36.5	(*)	36.4	34.5	40
254.7	254.1	252.7	908.2	946.2	877.6	203.6	203.1	194.6	603.9	602.3	584.5	690.2	692.2	672.2	41
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
3.9	3.8	3.7	25.9	26.6	24.2	6.8	6.7	6.0	17.1	17.5	17.4	50.5	50.3	47.6	43
7.9	7.8	8.2	20.8	21.8	20.7	3.9	3.9	3.7	15.2	15.3	15.3	14.4	14.5	13.9	44
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
51.2	51.1	50.9	182.7	190.9	171.1	57.2	57.1	55.2	104.5	105.1	102.2	79.3	79.0	75.8	46
8.3	8.4	8.4	27.5	27.9	26.1	4.8	4.8	4.5	15.9	16.0	14.6	21.7	21.7	22.4	47
14.7	14.7	14.9	64.2	66.9	63.0	12.3	12.4	12.4	40.4	40.6	40.7	36.4	36.8	37.1	48
63.6	63.1	63.5	198.5	209.3	189.3	46.6	45.9	43.0	148.7	147.2	141.8	99.1	99.1	94.8	49
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
11.6	11.6	11.3	67.7	68.1	65.3	17.2	17.3	16.5	47.0	47.1	44.4	78.6	78.6	77.0	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54
23.9	23.9	23.1	83.5	89.4	79.1	15.9	15.9	15.0	61.4	62.0	57.9	103.1	102.7	101.2	55
15.4	15.4	15.3	52.9	55.3	50.8	12.1	12.0	11.4	33.9	33.8	31.7	38.6	38.6	37.5	56
8.1	8.2	7.9	29.0	30.5	27.7	6.0	5.9	5.7	30.2	28.7	29.6	28.3	28.8	27.0	57
2.0	2.1	1.9	7.5	8.3	7.2	-	-	-	7.1	7.2	7.3	-	-	-	58
.8	.8	.8	1.9	2.0	1.8	-	-	-	2.0	1.9	2.1	-	-	-	59

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971
1	VIRGINIA ⁴	(*)	1,535.8	1,450.2	(*)	16.3	15.7	(*)	97.2	85.0	(*)	369.6	357.4
2	Lynchburg	52.1	52.9	51.8	(1)	(1)	(1)	2.6	2.7	2.4	23.4	23.5	23.9
3	Newport News-Hampton	103.5	104.9	92.7	(1)	(1)	(1)	4.9	5.1	4.5	31.2	31.1	24.0
4	Norfolk-Portsmouth ²	202.8	206.5	197.4	(1)	(1)	(1)	13.4	14.0	13.2	18.6	18.9	19.0
5	Northern Virginia ¹³	280.5	283.9	273.9	.4	.4	.3	19.4	20.2	17.9	10.2	10.3	10.3
6	Richmond ²	245.1	248.1	236.6	.2	.2	.2	13.8	14.3	13.0	50.3	50.5	49.8
7	Roanoke	84.3	84.9	80.9	.1	.1	.1	4.6	4.8	4.2	19.1	19.1	19.3
8	WASHINGTON	1,042.3	1,064.4	1,028.9	1.7	1.7	1.3	47.5	50.7	42.2	207.0	209.8	209.5
9	Seattle-Everett	476.2	484.5	485.7	(1)	(1)	(1)	17.8	19.4	18.1	100.4	100.9	108.3
10	Spokane	90.4	92.5	87.8	(1)	(1)	(1)	4.3	4.7	3.5	11.6	11.7	12.0
11	Tacoma	103.6	105.2	102.0	(1)	(1)	(1)	4.1	4.5	4.0	18.3	18.5	18.7
12	WEST VIRGINIA	(*)	522.0	508.7	(*)	53.0	50.3	(*)	28.3	26.3	(*)	121.3	121.1
13	Charleston	(*)	86.2	84.9	(*)	4.2	4.1	(*)	5.9	5.2	(*)	15.3	16.4
14	Huntington-Ashland	(*)	82.7	83.4	(*)	.6	.6	(*)	4.0	4.0	(*)	25.7	26.6
15	Wheeling	(*)	60.3	58.9	(*)	5.4	5.2	(*)	3.5	3.3	(*)	15.0	15.1
16	WISCONSIN ²	1,510.0	1,545.3	1,489.5	1.9	2.3	1.8	54.8	60.7	52.0	469.2	473.8	475.3
17	Green Bay ²	55.0	56.8	53.6	(1)	(1)	(1)	2.5	2.8	2.2	16.2	16.6	16.1
18	Kenosha ²	33.8	36.8	35.8	(1)	(1)	(1)	1.3	1.3	1.0	12.9	15.3	16.3
19	La Crosse ²	30.0	30.6	29.2	(1)	(1)	(1)	1.1	1.2	.9	7.8	8.0	7.9
20	Madison ²	120.7	125.0	120.0	(1)	(1)	(1)	5.4	6.1	5.7	14.7	14.8	15.7
21	Milwaukee ²	556.2	566.3	554.3	(1)	(1)	(1)	19.8	20.8	18.1	190.6	191.6	195.2
22	Racine ²	53.7	54.4	52.3	(1)	(1)	(1)	1.5	1.5	1.5	23.6	23.7	22.6
23	WYOMING	108.5	111.3	102.9	11.2	11.6	10.8	6.5	7.5	5.6	7.0	7.3	7.2
24	Casper	19.5	20.2	19.5	2.7	2.9	3.0	1.2	1.4	1.0	1.7	1.7	1.8
25	Cheyenne	18.6	18.9	17.6	(1)	(1)	(1)	.8	.8	.7	1.0	1.0	.9

1 Combined with services.
 2 Revised to 1971 benchmark; not strictly comparable with previously published data.
 3 Combined with construction.
 4 Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.
 5 Area included in Chicago—Northwestern Indiana Standard Consolidated Area.
 6 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
 7 Area included in New York—Northeastern New Jersey Standard Consolidated Area.
 8 Subarea of Rochester Standard Metropolitan Statistical Area.
 9 Subarea of New York Standard Metropolitan Statistical Area.
 10 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
 11 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
 12 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
 13 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			
Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	
(*)	95.8	97.2	(*)	329.2	301.8	(*)	72.4	67.5	(*)	227.4	218.2	(*)	327.9	307.4	1
2.5	2.5	2.5	8.6	9.2	8.4	2.2	2.2	2.1	6.8	6.8	6.7	6.0	6.0	5.8	2
3.7	3.6	3.8	17.8	18.8	16.1	3.1	3.1	2.8	12.9	13.2	12.4	29.9	30.0	29.1	3
16.1	16.1	16.5	49.8	52.3	47.4	10.0	10.0	9.8	31.4	31.6	30.0	63.5	63.6	61.5	4
20.6	20.7	20.8	65.9	67.9	63.1	17.4	17.3	15.9	51.0	51.3	49.8	95.6	95.8	95.8	5
17.6	17.9	17.9	54.7	57.6	53.3	19.1	19.2	18.4	37.0	36.8	35.4	52.4	51.6	48.6	6
10.5	10.5	10.6	19.5	19.9	18.7	4.5	4.5	4.2	14.5	14.5	13.5	11.5	11.5	10.3	7
69.2	70.0	69.0	232.6	245.0	229.0	56.9	57.2	56.6	167.8	169.6	167.3	259.6	260.4	254.0	8
37.0	37.7	37.1	108.4	113.8	110.8	33.6	33.8	33.9	78.6	79.2	80.0	100.4	99.7	97.5	9
6.8	6.9	7.1	23.6	24.8	22.7	5.4	5.4	5.3	19.6	20.1	18.8	19.1	18.9	18.4	10
6.5	6.2	6.1	22.0	23.4	21.9	5.8	5.8	5.9	18.4	18.6	18.7	28.5	28.2	26.7	11
(*)	40.8	41.3	(*)	97.5	90.9	(*)	16.2	15.9	(*)	67.1	66.5	(*)	97.9	96.4	12
(*)	9.0	9.1	(*)	20.8	19.3	(*)	4.0	4.0	(*)	13.0	13.0	(*)	14.0	13.8	13
(*)	7.6	8.3	(*)	18.7	17.9	(*)	2.9	2.9	(*)	10.4	10.5	(*)	12.8	12.6	14
(*)	3.9	3.9	(*)	13.2	12.6	(*)	2.2	2.2	(*)	10.3	10.3	(*)	6.9	6.5	15
79.8	82.0	78.8	332.3	352.9	321.8	62.2	62.4	59.8	235.0	237.3	229.7	274.8	274.0	270.1	16
4.8	4.7	4.5	13.4	14.3	13.3	1.5	1.5	1.4	8.7	8.9	8.4	8.0	7.9	7.6	17
1.3	1.6	1.3	6.7	7.1	6.3	.7	.7	.7	5.7	5.7	5.3	5.3	5.2	4.9	18
2.2	2.2	2.2	7.3	7.7	7.0	.6	.7	.6	5.9	5.9	5.8	5.1	5.0	4.9	19
5.2	5.3	5.1	25.9	29.0	24.8	6.5	6.5	6.1	17.8	17.9	17.5	45.2	45.4	45.1	20
30.1	30.6	30.1	120.7	127.0	119.7	28.7	28.9	27.8	90.7	92.2	89.5	75.4	75.2	73.8	21
2.1	2.0	2.1	9.5	10.0	9.3	1.6	1.6	1.4	7.7	7.8	7.9	7.9	7.7	7.6	22
10.7	10.9	10.3	23.4	24.0	22.3	3.7	3.7	3.6	15.6	16.0	14.5	30.4	30.3	28.6	23
1.7	1.8	1.6	4.7	4.9	4.7	.9	.9	.8	2.7	2.7	2.8	3.9	3.9	3.8	24
2.6	2.6	2.5	4.1	4.3	3.9	1.0	1.0	1.0	3.0	3.1	3.0	6.1	6.1	5.6	25

**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			Average			Average			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
	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
1971: February	122.61	36.6	3.35	167.60	41.9	4.00	197.38	35.5	5.56	138.29	39.4	3.51
March	123.65	36.8	3.36	168.82	42.1	4.01	205.53	37.1	5.54	139.74	39.7	3.52
April	124.05	36.7	3.38	170.89	42.3	4.04	205.35	37.0	5.55	139.83	39.5	3.54
May	125.49	36.8	3.41	171.30	42.4	4.04	209.05	37.0	5.65	142.00	40.0	3.55
June	127.57	37.3	3.42	172.10	42.6	4.04	213.94	38.0	5.63	143.51	40.2	3.57
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
August	129.03	37.4	3.45	173.43	42.3	4.10	220.23	38.3	5.75	141.69	39.8	3.56
September	129.13	37.0	3.49	174.72	42.1	4.15	216.23	36.9	5.86	143.28	39.8	3.60
October	129.13	37.0	3.49	167.78	42.8	3.92	225.38	38.2	5.90	144.00	40.0	3.60
November	128.76	37.0	3.48	165.82	42.3	3.92	223.61	37.9	5.90	144.72	40.2	3.60
December	130.92	37.3	3.51	182.76	42.8	4.27	216.45	36.5	5.93	150.18	40.7	3.69
1972: January ^P	129.92	36.7	3.54	181.74	42.4	4.31	214.08	35.8	5.98	147.26	39.8	3.70
February ^P	130.27	36.8	3.54	180.19	42.2	4.27	215.28	36.0	5.98	148.40	40.0	3.71

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	1.00	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	39.8	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	108.70	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: February	164.83	40.4	4.08	97.92	34.6	2.83	119.23	36.8	3.24	100.30	34.0	2.95
March	163.61	40.2	4.07	98.55	34.7	2.84	119.56	36.9	3.24	100.30	34.0	2.95
April	164.82	40.2	4.10	99.18	34.8	2.85	120.29	36.9	3.26	100.64	34.0	2.96
May	164.37	39.8	4.13	99.88	34.8	2.87	121.77	36.9	3.30	101.02	33.9	2.98
June	169.32	40.8	4.15	101.60	35.4	2.87	121.36	37.0	3.28	101.57	34.2	2.97
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
August	172.98	40.7	4.25	103.68	36.0	2.88	123.09	37.3	3.30	103.75	34.7	2.99
September	176.66	40.8	4.33	102.08	35.2	2.90	121.77	36.9	3.30	103.66	34.1	3.04
October	174.56	40.5	4.31	101.85	35.0	2.91	122.47	37.0	3.31	103.32	34.1	3.03
November	175.80	40.6	4.33	101.56	34.9	2.91	122.10	37.0	3.30	103.36	34.0	3.04
December	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: January ^P	178.00	40.0	4.45	103.06	34.7	2.97	125.77	37.1	3.39	104.41	33.9	3.08
February ^P	179.74	40.3	4.46	103.70	34.8	2.98	125.77	37.1	3.39	105.03	34.1	3.08

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

² Data include Alaska and Hawaii 1959.

^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				
		Feb. 1972, P	Jan. 1972, P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972, P	Jan. 1972, P	Dec. 1971	Jan. 1971	Avg. 1971
	TOTAL PRIVATE	\$130.27	\$129.92	\$130.92	\$121.88	\$126.91	\$3.54	\$3.54	\$3.51	\$3.33	\$3.43
	MINING	180.19	182.74	182.76	168.75	171.72	4.27	4.31	4.27	3.98	4.05
10	METAL MINING	-	179.58	181.41	167.09	171.39	-	4.38	4.34	3.95	4.12
101	Iron ores	-	185.92	182.52	164.42	169.70	-	4.48	4.43	4.02	4.19
102	Copper ores	-	188.00	188.10	174.59	178.46	-	4.53	4.50	3.95	4.16
11,12	COAL MINING	-	222.80	225.65	198.49	194.00	-	5.23	5.26	4.76	†4.79
12	Bituminous coal and lignite mining	-	225.46	228.76	201.54	196.02	-	5.28	5.32	4.81	†4.85
13	OIL AND GAS EXTRACTION	-	166.10	161.54	156.95	159.75	-	3.89	3.81	3.65	3.75
131,2	Crude petroleum and natural gas fields	-	187.23	172.99	167.27	169.73	-	4.49	4.24	4.05	4.16
138	Oil and gas field services	-	151.90	153.91	149.84	152.77	-	3.50	3.53	3.39	3.48
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	161.30	166.32	148.75	165.23	-	3.76	3.78	3.50	3.68
142	Crushed and broken stone	-	155.23	163.97	147.61	165.96	-	3.61	3.66	3.37	3.60
	CONTRACT CONSTRUCTION	215.28	214.08	216.45	199.08	213.36	5.98	5.98	5.93	5.53	5.72
15	GENERAL BUILDING CONTRACTORS	-	202.18	203.99	189.02	199.99	-	5.76	5.73	5.37	5.54
16	HEAVY CONSTRUCTION CONTRACTORS	-	198.74	201.74	187.31	210.23	-	5.23	5.24	4.84	5.14
161	Highway and street construction	-	180.50	182.78	165.19	203.84	-	4.79	4.81	4.37	4.90
162	Heavy construction, n.e.c.	-	212.74	215.34	201.61	216.14	-	5.54	5.55	5.13	5.35
17	SPECIAL TRADE CONTRACTORS	-	225.85	228.78	209.68	222.04	-	6.38	6.32	5.89	6.10
171	Plumbing, heating, air conditioning	-	242.73	241.77	225.67	232.99	-	6.49	6.43	5.97	6.18
172	Painting, paper hanging, decorating	-	193.81	199.04	181.03	194.67	-	5.82	5.82	5.34	5.61
173	Electrical work	-	263.42	266.95	244.72	253.55	-	6.86	6.81	6.34	6.62
174	Masonry, stonework, and plastering	-	197.51	205.13	173.76	200.52	-	6.27	6.16	5.66	5.95
176	Roofing and sheetmetal work	-	174.73	178.88	162.40	178.49	-	5.71	5.59	5.29	5.36
	MANUFACTURING	148.40	147.26	150.18	138.60	142.44	3.71	3.70	3.69	3.50	3.57
19,24,25,32-39	DURABLE GOODS	160.37	158.78	162.70	149.17	153.52	3.95	3.94	3.93	3.72	3.80
20-23,26-31	NONDURABLE GOODS	133.23	132.16	133.73	124.09	128.12	3.39	3.38	3.36	3.19	3.26
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	172.94	168.40	168.75	156.83	160.55	4.05	4.00	3.98	3.77	3.85
192	Ammunition, except for small arms	167.96	165.90	164.22	154.34	156.08	3.98	3.95	3.91	3.71	3.77
1923	Complete guided missiles	-	196.25	194.04	184.90	185.33	-	4.43	4.40	4.31	4.31
1929	Ammunition, exc. for small arms, nec	-	138.05	137.54	133.50	133.06	-	3.46	3.43	3.28	3.31
24	LUMBER AND WOOD PRODUCTS	126.72	127.28	130.15	117.09	126.54	3.16	3.19	3.19	3.01	3.14
242	Sawmills and planing mills	(*)	123.11	125.46	112.23	122.01	(*)	3.07	3.06	2.90	3.02
2421	Sawmills and planing mills, general	-	126.80	129.24	115.12	125.64	-	3.17	3.16	2.99	3.11
243	Millwork, plywood & related products	137.36	138.45	141.44	126.47	135.46	3.40	3.41	3.40	3.21	3.32
2431	Millwork	-	133.85	135.60	123.13	130.00	-	3.38	3.34	3.19	3.25
2432	Veneer and plywood	-	143.22	145.95	129.92	138.20	-	3.41	3.41	3.20	3.33
244	Wooden containers	98.69	98.56	100.08	92.63	97.14	2.57	2.56	2.54	2.47	2.51
2441,2	Wooden boxes, shooks, and crates	-	92.96	95.65	88.77	93.56	-	2.44	2.44	2.38	2.43
249	Miscellaneous wood products	(*)	111.08	114.12	107.60	111.38	(*)	2.77	2.77	2.67	2.73
25	FURNITURE AND FIXTURES	118.90	118.90	121.88	110.09	115.42	2.98	2.98	2.98	2.83	2.90
251	Household furniture	112.80	111.84	116.31	103.98	109.05	2.82	2.81	2.83	2.68	2.74
2511	Wood household furniture	-	107.18	109.03	99.75	103.83	-	2.64	2.64	2.50	2.57
2512	Upholstered household furniture	-	120.17	125.97	108.00	115.64	-	3.05	3.05	2.88	2.95
2515	Mattresses and bedsprings	-	115.43	121.91	115.92	119.56	-	3.07	3.11	2.98	3.05
252	Office furniture	-	144.55	145.39	129.35	137.90	-	3.50	3.47	3.25	3.38
254	Partitions and fixtures	-	141.87	143.60	131.97	139.39	-	3.61	3.59	3.41	3.52
253,9	Other furniture and fixtures	129.42	129.49	129.92	118.34	121.99	3.26	3.27	3.24	3.05	3.12
32	STONE, CLAY, AND GLASS PRODUCTS	155.70	153.38	155.58	141.86	152.26	3.77	3.75	3.74	3.52	3.66
321	Flat glass	-	196.35	207.89	185.24	192.10	-	4.62	4.63	4.40	4.52
322	Glass and glassware, pressed or blown	(*)	155.14	155.90	149.54	151.90	(*)	3.84	3.84	3.72	3.76
3221	Glass containers	-	161.56	162.76	157.49	159.53	-	3.95	3.96	3.86	3.91
3229	Pressed and blown glass, n.e.c.	-	146.46	146.07	137.90	140.49	-	3.68	3.67	3.50	3.53
324	Cement, hydraulic	(*)	202.18	201.34	177.98	194.37	(*)	4.86	4.84	4.32	4.65
325	Structural clay products	(*)	121.81	122.21	113.65	120.47	(*)	3.03	3.01	2.87	2.96
3251	Brick and structural clay tile	-	115.59	115.90	106.93	115.51	-	2.84	2.82	2.68	2.79
326	Pottery and related products	-	130.48	130.87	121.73	126.04	-	3.32	3.28	3.17	3.24
327	Concrete, gypsum, and plaster products	(*)	158.95	163.11	142.51	163.06	(*)	3.83	3.82	3.51	3.74
328,9	Other stone and nonmetallic mineral products	(*)	150.26	152.77	140.88	148.37	(*)	3.71	3.69	3.47	3.61
3291	Abrasive products	-	147.84	148.57	132.02	140.19	-	3.83	3.79	3.53	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				
		Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971
-	TOTAL PRIVATE	36.8	36.7	37.3	36.6	37.0	-	-	-	-	-
-	MINING	42.2	42.4	42.8	42.4	42.4	-	-	-	-	-
10	METAL MINING	-	41.0	41.8	42.3	41.6	-	-	-	-	-
101	Iron ores	-	41.5	41.2	40.9	40.5	-	-	-	-	-
102	Copper ores	-	41.5	41.8	44.2	42.9	-	-	-	-	-
11,12	COAL MINING	-	42.6	42.9	41.7	40.6	-	-	-	-	-
12	Bituminous coal and lignite mining	-	42.7	43.0	41.9	40.6	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	42.7	42.4	43.0	42.6	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	41.7	40.8	41.3	40.8	-	-	-	-	-
138	Oil and gas field services	-	43.4	43.6	44.2	43.9	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	42.9	44.0	42.5	44.9	-	-	-	-	-
142	Crushed and broken stone	-	43.0	44.8	43.8	46.1	-	-	-	-	-
-	CONTRACT CONSTRUCTION	36.0	35.8	36.5	36.0	37.3	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	35.1	35.6	35.2	36.1	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	38.0	38.5	38.7	40.9	-	-	-	-	-
161	Highway and street construction	-	37.7	38.0	37.8	41.6	-	-	-	-	-
162	Heavy construction, n e c	-	38.4	38.8	39.3	40.4	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	35.4	36.2	35.6	36.4	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	37.4	37.6	37.8	37.7	-	-	-	-	-
172	Painting, paper hanging, decorating	-	33.3	34.2	33.9	34.7	-	-	-	-	-
173	Electrical work	-	38.4	39.2	38.6	38.3	-	-	-	-	-
174	Masonry, stonework, and plastering	-	31.5	33.3	3.07	33.7	-	-	-	-	-
176	Roofing and sheet metal work	-	30.6	32.0	30.7	33.3	-	-	-	-	-
-	MANUFACTURING	40.0	39.8	40.7	39.6	39.9	2.9	2.8	3.2	2.7	2.9
19,24,25,32-39	DURABLE GOODS	40.6	40.3	41.4	40.1	40.4	2.8	2.7	3.2	2.6	2.9
20-23,26-31	NONDURABLE GOODS	39.3	39.1	39.8	38.9	39.3	2.9	2.9	3.1	2.7	3.0
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	42.7	42.1	42.4	41.6	41.7	2.9	3.1	2.5	2.6	2.6
192	Ammunition, except for small arms	42.2	42.0	42.0	41.6	41.4	2.5	2.7	2.6	2.4	2.4
1925	Complete guided missiles	-	44.3	44.1	42.9	43.0	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	39.9	40.1	40.7	40.2	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.1	39.9	40.8	38.9	40.3	3.5	3.9	3.0	3.6	3.6
242	Sawmills and planing mills	(*)	40.1	41.0	38.7	40.4	3.7	4.2	3.2	3.9	3.9
2421	Sawmills and planing mills, general	-	40.0	40.9	38.5	40.4	-	-	-	-	-
243	Millwork, plywood & related products	40.4	40.6	41.6	39.4	40.8	3.5	3.9	2.7	3.6	3.6
2431	Millwork	-	39.6	40.6	38.6	40.0	-	-	-	-	-
2432	Veneer and plywood	-	42.0	42.8	40.6	41.5	-	-	-	-	-
244	Wooden containers	38.4	38.5	39.4	37.5	38.7	2.6	2.8	1.9	2.7	2.7
2441,2	Wooden boxes, shooks, and crates	-	38.1	39.2	37.3	38.5	-	-	-	-	-
249	Miscellaneous wood products	(*)	40.1	41.2	40.3	40.8	3.7	3.6	3.1	3.4	3.4
25	FURNITURE AND FIXTURES	39.9	39.9	40.9	38.9	39.8	2.8	3.3	2.1	2.6	2.6
251	Household furniture	40.0	39.8	41.1	38.8	39.8	2.8	3.4	2.1	2.6	2.6
2511	Wood household furniture	-	40.6	41.3	39.9	40.4	3.3	3.6	2.6	2.9	2.9
2512	Upholstered household furniture	-	39.4	41.3	37.5	39.2	-	-	-	-	-
2515	Mattresses and bedspreads	-	37.6	39.2	38.9	39.2	-	-	-	-	-
252	Office furniture	-	41.3	41.9	39.8	40.8	3.9	3.9	2.4	3.2	3.2
254	Partitions and fixtures	-	39.3	40.0	38.7	39.6	2.1	2.4	1.5	2.3	2.3
253,9	Other furniture and fixtures	39.7	39.6	40.1	38.8	39.1	2.7	2.8	2.0	2.2	2.2
32	STONE, CLAY, AND GLASS PRODUCTS	41.3	40.9	41.6	40.3	41.6	3.9	4.3	3.6	4.5	4.5
321	Flat glass	-	42.5	44.9	42.1	42.5	5.2	5.0	4.1	4.3	4.3
322	Glass and glassware, pressed or blown	(*)	40.4	40.6	40.2	40.4	3.9	4.5	4.0	4.4	4.4
3221	Glass containers	-	40.9	41.1	40.8	40.8	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	39.8	39.8	39.4	39.8	2.8	3.3	2.9	3.2	3.2
324	Cement, hydraulic	(*)	41.6	41.6	41.2	41.8	3.2	2.7	2.8	3.0	3.0
325	Structural clay products	(*)	40.2	40.6	39.6	40.7	3.3	3.5	2.9	3.7	3.7
3251	Brick and structural clay tile	-	40.7	41.1	39.9	41.4	-	-	-	-	-
326	Pottery and related products	-	39.3	39.9	38.4	38.9	2.3	2.3	1.7	2.1	2.1
327	Concrete, gypsum and plaster products	(*)	41.5	42.7	40.6	43.6	4.9	5.6	4.5	6.3	6.3
328,9	Other stone and nonmetallic mineral products	(*)	40.5	41.4	40.6	41.1	3.3	3.6	3.2	3.6	3.6
3291	Abrasive products	-	38.6	39.2	37.4	38.2	-	-	-	-	-

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				
		Feb. 1972P	Jan. 1972P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972P	Jan. 1972P	Dec. 1971	Jan. 1971	Avg. 1971
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	\$187.37	\$183.87	\$184.50	\$164.83	\$170.89	\$4.57	\$4.54	\$4.50	\$4.08	\$4.23
331	Blast furnace and basic steel products ..	(*)	196.71	194.22	172.91	179.15	(*)	4.93	4.88	4.28	4.49
3312	Blast furnaces and steel mills	-	200.09	197.11	175.31	181.43	-	5.04	4.99	4.35	4.57
332	Iron and steel foundries	(*)	173.83	182.76	157.20	164.43	(*)	4.25	4.27	3.93	4.04
3321	Gray iron foundries	-	178.02	188.35	159.19	166.46	-	4.30	4.32	3.96	4.07
3322	Malleable iron foundries	-	189.32	196.99	168.73	177.51	-	4.54	4.56	4.25	4.34
3323	Steel foundries	-	156.01	160.39	148.83	152.82	-	3.99	3.98	3.73	3.83
333,4	Nonferrous metals	(*)	177.59	177.23	159.78	166.83	(*)	4.30	4.24	3.85	4.02
3334	Primary aluminum	-	195.70	194.81	167.66	181.12	-	4.75	4.74	4.15	4.45
335	Nonferrous rolling and drawing	(*)	173.06	173.89	156.94	164.72	(*)	4.17	4.15	3.80	3.95
3351	Copper rolling and drawing	-	167.63	165.98	156.24	164.64	-	4.02	3.99	3.82	3.92
3352	Aluminum rolling and drawing	-	179.31	179.32	158.56	170.54	-	4.30	4.29	3.83	4.08
3357	Nonferrous wire drawing and insulating ..	-	172.22	174.30	156.04	160.99	-	4.16	4.15	3.76	3.87
336	Nonferrous foundries	(*)	153.18	158.18	141.57	146.12	(*)	3.82	3.83	3.63	3.69
3361	Aluminum castings	-	158.40	165.13	143.50	149.27	-	3.95	3.96	3.67	3.76
3362,9	Other nonferrous castings	-	147.94	150.14	140.01	142.96	-	3.68	3.68	3.59	3.61
339	Miscellaneous primary metal products ..	(*)	187.52	190.39	174.93	177.64	(*)	4.63	4.61	4.33	4.43
3391	Iron and steel forgings	-	194.80	198.85	180.90	183.41	-	4.87	4.85	4.50	4.62
34	FABRICATED METAL PRODUCTS	157.14	155.98	159.83	147.17	150.72	3.88	3.88	3.87	3.67	3.74
341	Metal cans	183.75	184.16	191.25	179.89	188.33	4.46	4.47	4.50	4.07	4.39
342	Cutlery, hand tools, and hardware	(*)	150.69	153.64	140.10	143.16	(*)	3.73	3.72	3.52	3.57
3421,3,5	Cutlery and hand tools, incl. saws	-	144.99	147.44	134.58	139.09	-	3.58	3.57	3.39	3.46
3429	Hardware, n e c	-	154.75	157.77	144.04	145.60	-	3.84	3.82	3.61	3.64
343	Plumbing and heating, except electric ..	(*)	141.41	146.37	132.16	138.00	(*)	3.58	3.57	3.38	3.45
3431,2	Sanitary ware & plumbers' brass goods ..	-	145.12	147.85	133.43	139.15	-	3.61	3.58	3.43	3.47
3433	Heating equipment, except electric	-	138.13	144.94	130.54	136.12	-	3.56	3.57	3.33	3.42
344	Fabricated structural metal products	154.40	153.63	156.29	145.24	149.51	3.86	3.86	3.84	3.64	3.71
3441	Fabricated structural steel	-	162.39	165.90	149.29	156.49	-	3.99	3.95	3.65	3.78
3442	Metal doors, sash, and trim	-	120.90	125.76	119.83	123.40	-	3.19	3.20	3.17	3.14
3443	Fabricated plate work (boiler shops) ..	-	160.40	161.60	155.04	155.98	-	4.01	4.00	3.80	3.88
3444	Sheet metal work	-	166.01	164.82	151.31	159.20	-	4.14	4.10	3.86	3.98
3446,9	Architectural and misc. metal work	-	146.10	154.38	135.76	142.76	-	3.68	3.72	3.49	3.56
345	Screw machine products, bolts, etc.	164.09	160.96	162.01	143.28	149.81	3.87	3.86	3.83	3.60	3.69
3451	Screw machine products	-	154.54	155.91	143.60	145.93	-	3.76	3.73	3.59	3.63
3452	Bolts, nuts, rivets, and washers	-	166.66	166.96	142.56	153.00	-	3.94	3.91	3.60	3.75
346	Metal stampings	(*)	169.62	179.35	164.43	165.24	(*)	4.23	4.23	4.05	4.08
347	Metal services, n e c	(*)	135.59	135.32	126.55	129.15	(*)	3.45	3.40	3.27	3.32
348	Misc. fabricated wire products	140.07	139.84	144.14	129.42	134.67	3.45	3.47	3.49	3.26	3.35
349	Misc. fabricated metal products	(*)	153.50	153.03	144.40	147.17	(*)	3.79	3.76	3.61	3.67
3494,8	Valves, pipe, and pipe fittings	-	155.50	155.86	149.85	149.97	-	3.83	3.82	3.70	3.74
35	MACHINERY, EXCEPT ELECTRICAL	173.05	170.97	174.30	155.57	161.99	4.18	4.17	4.16	3.87	3.99
351	Engines and turbines	(*)	190.01	193.44	175.89	181.48	(*)	4.68	4.65	4.29	4.47
3511	Steam engines and turbines	-	195.77	200.93	188.86	194.69	-	4.81	4.75	4.54	4.68
3519	Internal combustion engines, n e c	-	187.57	189.52	170.95	175.24	-	4.62	4.60	4.19	4.37
352	Farm machinery	-	175.07	175.10	147.82	162.01	-	4.27	4.25	3.80	4.02
353	Construction and related machinery	(*)	167.25	170.98	155.56	160.39	(*)	4.15	4.15	3.86	3.97
3531,2	Construction and mining machinery	-	173.63	175.85	163.60	167.68	-	4.33	4.31	4.00	4.13
3533	Oil field machinery	-	162.27	167.48	151.06	156.04	-	3.91	3.95	3.64	3.76
3535,6	Conveyors, hoists, cranes, monorails ..	-	158.39	163.10	145.49	151.24	-	3.94	3.93	3.74	3.80
3537	Industrial trucks and tractors	-	151.32	160.75	132.08	140.58	-	3.87	3.94	3.56	3.68
354	Metal working machinery	(*)	190.26	193.03	170.14	174.62	(*)	4.53	4.51	4.17	4.28
3541	Machine tools, metal cutting types	-	175.24	177.45	162.79	163.90	-	4.39	4.36	4.08	4.16
3544	Special dies, tools, jigs & fixtures	-	219.39	219.60	189.00	194.54	-	4.93	4.88	4.50	4.61
3545	Machine tool accessories	-	163.99	169.32	154.06	158.38	-	4.11	4.15	3.93	4.03
3542,8	Misc. metal working machinery	-	164.82	170.15	153.54	157.58	-	4.10	4.10	3.81	3.92
355	Special industry machinery	158.71	156.75	163.77	148.64	152.66	3.89	3.88	3.89	3.67	3.76
3551	Food products machinery	-	158.80	168.06	150.44	155.20	-	3.98	4.04	3.78	3.88
3552	Textile machinery	-	129.20	139.44	126.45	128.00	-	3.33	3.32	3.13	3.20
3555	Printing trades machinery	-	184.45	191.38	167.63	176.81	-	4.34	4.32	4.02	4.18
356	General industrial machinery	167.27	166.46	171.80	150.53	159.59	4.12	4.11	4.11	3.84	3.97
3561	Pumps and compressors	-	161.60	171.28	148.90	157.12	-	3.99	4.03	3.76	3.87
3562	Ball and roller bearings	-	175.13	180.62	151.67	164.40	-	4.22	4.26	3.96	4.11
3564	Blowers and fans	-	152.45	152.56	141.95	148.19	-	3.84	3.73	3.54	3.65
3566	Power transmission equipment	-	168.91	172.64	151.31	160.00	-	4.14	4.14	3.86	3.99
357	Office and computing machines	(*)	168.86	173.32	154.35	162.29	(*)	4.03	4.04	3.83	3.92
3573	Electronic computing equipment	-	181.40	185.98	164.55	172.46	-	4.17	4.17	3.89	4.02
358	Service industry machines	152.31	149.65	152.66	139.48	144.51	3.77	3.76	3.76	3.54	3.64
3585	Refrigeration machinery	-	150.84	154.60	142.88	147.26	-	3.79	3.78	3.59	3.70
359	Misc. machinery, except electrical	165.61	168.04	169.20	156.11	159.86	4.01	4.02	4.00	3.78	3.88

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				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.0	40.5	41.0	40.4	40.4	-	2.9	3.1	2.6	3.0
331	Blast furnace and basic steel products	(*)	39.9	39.8	40.4	39.9	-	2.0	2.1	2.0	2.3
3312	Blast furnaces and steel mills	-	39.7	39.5	40.3	39.7	-	1.8	2.0	1.9	2.2
332	Iron and steel foundries	(*)	40.9	42.8	40.0	40.7	-	4.0	4.6	3.4	3.7
3321	Gray iron foundries	-	41.4	43.6	40.2	40.9	-	4.5	5.1	3.5	4.0
3322	Malleable iron foundries	-	41.7	43.2	39.7	40.9	-	-	-	-	-
3323	Steel foundries	-	39.1	40.3	39.9	39.9	-	2.3	2.8	3.1	2.7
333,4	Nonferrous metals	(*)	41.3	41.8	41.5	41.5	-	3.6	3.8	3.9	3.9
3334	Primary aluminum	-	41.2	41.1	40.4	40.7	-	-	-	-	-
335	Nonferrous rolling and drawing	(*)	41.5	41.9	41.3	41.7	-	3.7	3.8	3.1	3.9
3351	Copper rolling and drawing	-	41.7	41.6	40.9	42.0	-	-	-	-	-
3352	Aluminum rolling and drawing	-	41.7	41.8	41.4	41.8	-	3.9	4.1	3.1	4.2
3357	Nonferrous wire drawing and insulating	-	41.4	42.0	41.5	41.6	-	3.7	3.8	3.1	3.6
336	Nonferrous foundries	(*)	40.1	41.3	39.0	39.6	-	3.1	3.4	2.2	2.5
3361	Aluminum castings	-	40.1	41.7	39.1	39.7	-	-	-	-	-
3362,9	Other nonferrous castings	-	40.2	40.8	39.0	39.6	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	40.5	41.3	40.4	40.1	-	3.7	3.2	3.1	3.0
3391	Iron and steel forgings	-	40.0	41.0	40.2	39.7	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	40.5	40.2	41.3	40.1	40.3	-	2.8	3.1	2.7	2.9
341	Metal cans	41.2	41.2	42.5	44.2	42.9	-	3.1	2.9	6.1	4.3
342	Cutlery, hand tools, and hardware	(*)	40.4	41.3	39.8	40.1	-	2.7	3.0	2.1	2.4
3421,3,5	Cutlery and hand tools, incl. saws	-	40.5	41.3	39.7	40.2	-	-	-	-	-
3429	Hardware, n e c	-	40.3	41.3	39.9	40.0	-	-	-	-	-
343	Plumbing and heating, except electric	(*)	39.5	41.0	39.1	40.0	-	2.1	2.8	1.9	2.4
3431,2	Sanitary ware & plumbers' brass goods	-	40.2	41.3	38.9	40.1	-	-	-	-	-
3433	Heating equipment, except electric	-	38.8	40.6	39.2	39.8	-	-	-	-	-
344	Fabricated structural metal products	40.0	39.8	40.7	39.9	40.3	-	2.5	2.9	2.4	2.7
3441	Fabricated structural steel	-	40.7	42.0	40.9	41.4	-	2.9	3.6	3.4	3.6
3442	Metal doors, sash, and trim	-	37.9	39.3	37.8	39.3	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	40.0	40.4	40.8	40.2	-	2.4	2.6	2.7	2.4
3444	Sheet metal work	-	40.1	40.2	39.2	40.0	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	39.7	41.5	38.9	40.1	-	-	-	-	-
345	Screw machine products, bolts, etc.	42.4	41.7	42.3	39.8	40.6	-	4.2	4.0	2.2	2.9
3451	Screw machine products	-	41.1	41.8	40.0	40.2	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	42.3	42.7	39.6	40.8	-	-	-	-	-
346	Metal stampings	(*)	40.1	42.4	40.6	40.5	-	2.5	3.0	3.3	3.1
347	Metal services, n e c	(*)	39.3	39.8	38.7	38.9	-	4.0	4.2	3.4	3.7
348	Misc. fabricated wire products	40.6	40.3	41.3	39.7	40.2	-	2.7	3.1	2.3	2.8
349	Misc. fabricated metal products	(*)	40.5	40.7	40.0	40.1	-	3.2	2.7	2.1	2.4
3494,8	Valves, pipe, and pipe fittings	-	40.6	40.8	40.5	40.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	41.4	41.0	41.9	40.2	40.6	-	3.0	3.4	2.4	2.6
351	Engines and turbines	(*)	40.6	41.6	41.0	40.6	-	3.3	3.9	3.4	3.5
3511	Steam engines and turbines	-	40.7	42.3	41.6	41.6	-	-	-	-	-
3519	Internal combustion engines, n e c	-	40.6	41.2	40.8	40.1	-	-	-	-	-
352	Farm machinery	-	41.0	41.2	38.9	40.3	-	3.0	3.1	2.4	2.4
353	Construction and related machinery	(*)	40.3	41.2	40.3	40.4	-	2.5	2.8	2.5	2.5
3531,2	Construction and mining machinery	-	40.1	40.8	40.9	40.6	-	2.5	2.4	2.9	2.6
3533	Oil field machinery	-	41.5	42.4	41.5	41.5	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	40.2	41.5	38.9	39.8	-	-	-	-	-
3537	Industrial trucks and tractors	-	39.1	40.8	37.1	38.2	-	-	-	-	-
354	Metal working machinery	(*)	42.0	42.8	40.8	40.8	-	3.5	3.9	2.7	2.8
3541	Machine tools, metal cutting types	-	40.0	40.7	39.9	39.4	-	2.0	2.3	1.7	1.6
3544	Special dies, tools, jigs, & fixtures	-	44.5	45.0	42.0	42.2	-	-	-	-	-
3545	Machine tool accessories	-	39.9	40.8	39.2	39.3	-	1.8	2.3	1.6	1.4
3542,8	Misc. metal working machinery	-	40.2	41.5	40.3	40.2	-	-	-	-	-
355	Special industry machinery	40.8	40.4	42.1	40.5	40.6	-	2.5	3.6	2.3	2.4
3551	Food products machinery	-	39.9	41.6	39.8	40.0	-	-	-	-	-
3552	Textile machinery	-	38.8	42.0	40.4	40.0	-	-	-	-	-
3555	Printing trades machinery	-	42.5	44.3	41.7	42.3	-	-	-	-	-
356	General industrial machinery	40.6	40.5	41.8	39.2	40.2	-	2.5	3.3	1.7	2.3
3561	Pumps and compressors	-	40.5	42.5	39.6	40.6	-	2.6	4.0	2.4	2.7
3562	Ball and roller bearings	-	41.5	42.4	38.3	40.0	-	3.0	3.9	.6	1.9
3564	Blowers and fans	-	39.7	40.9	40.1	40.6	-	-	-	-	-
3566	Power transmission equipment	-	40.8	41.7	39.2	40.1	-	2.3	2.7	1.6	2.0
357	Office and computing machines	(*)	41.9	42.9	40.3	41.4	-	3.0	3.5	2.0	2.4
3573	Electronic computing equipment	-	43.5	44.6	42.3	42.9	-	-	-	-	-
358	Service industry machines	40.4	39.8	40.6	39.4	39.7	-	1.8	2.4	1.7	2.0
3585	Refrigeration machinery	-	39.8	40.9	39.8	39.8	-	1.9	2.4	2.0	2.0
359	Misc. machinery, except electrical	41.3	41.8	42.3	41.3	41.2	-	4.1	4.1	3.5	3.5

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				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$144.04	\$144.04	\$147.24	\$135.83	\$139.65	\$3.61	\$3.61	\$3.60	\$3.43	\$3.50
361	Electric test & distributing equipment...	151.50	151.07	157.70	141.69	148.27	3.75	3.73	3.80	3.56	3.67
3611	Electric measuring instruments...	-	134.27	136.61	122.75	129.35	-	3.34	3.34	3.18	3.25
3612	Transformers...	-	147.10	154.50	140.18	144.84	-	3.65	3.75	3.54	3.63
3613	Switchgear and switchboard apparatus...	-	166.46	174.30	155.47	163.58	-	4.06	4.15	3.82	3.98
362	Electrical industrial apparatus...	149.45	148.27	152.77	140.05	143.56	3.69	3.67	3.69	3.51	3.58
3621	Motors and generators...	-	153.44	156.83	144.27	146.69	-	3.77	3.77	3.58	3.64
3622	Industrial controls...	-	135.24	142.80	131.48	135.83	-	3.45	3.50	3.38	3.43
363	Household appliances...	(*)	152.00	154.22	141.69	148.27	(*)	3.80	3.78	3.56	3.67
3632	Household refrigerators and freezers...	-	171.40	171.40	157.21	164.02	-	4.14	4.15	3.94	4.02
3633	Household laundry equipment...	-	165.19	172.21	156.04	163.17	-	4.14	4.19	3.76	3.97
3634	Electric housewares and fans...	-	122.77	123.51	113.30	118.59	-	3.14	3.08	2.92	3.01
364	Electric lighting and wiring equipment...	133.62	134.41	136.06	126.29	130.08	3.40	3.42	3.41	3.23	3.31
3641	Electric lamps...	-	136.91	136.67	129.28	131.87	-	3.44	3.46	3.24	3.33
3642	Lighting fixtures...	-	136.61	138.45	130.42	132.26	-	3.53	3.47	3.37	3.40
3643,4	Wiring devices...	-	131.60	133.93	122.07	126.94	-	3.34	3.34	3.13	3.23
365	Radio and TV receiving equipment...	123.23	124.31	129.52	118.58	122.54	3.26	3.28	3.23	3.08	3.15
366	Communication equipment...	162.00	161.20	163.98	152.18	153.92	4.01	4.00	3.98	3.73	3.81
3661	Telephone and telegraph apparatus...	-	160.00	161.20	147.38	149.65	-	4.01	3.99	3.63	3.76
3662	Radio and TV communication equipment...	-	161.99	166.34	156.62	157.87	-	3.98	3.97	3.82	3.86
367	Electronic components and accessories...	121.88	120.56	122.61	116.10	118.69	3.07	3.06	3.05	3.00	3.02
3671-3	Electron tubes...	-	134.90	134.06	129.96	131.60	-	3.45	3.42	3.29	3.34
3674,9	Other electronic components...	-	118.11	120.39	112.81	115.94	-	2.99	2.98	2.93	2.95
369	Misc. electrical equipment & supplies...	164.42	165.63	171.68	150.38	155.12	4.02	4.03	4.03	3.75	3.83
3694	Engine electrical equipment...	-	169.71	178.08	149.37	158.00	-	4.18	4.20	3.83	3.96
37	TRANSPORTATION EQUIPMENT...	186.30	185.84	196.35	181.69	180.71	4.60	4.60	4.62	4.41	4.44
371	Motor vehicles and equipment...	(*)	203.18	218.24	200.13	195.29	(*)	4.98	4.96	4.72	4.74
3711	Motor vehicles...	-	203.03	225.72	205.31	199.75	-	5.14	5.13	4.90	4.92
3712	Passenger car bodies...	-	219.63	215.59	261.13	218.40	-	5.37	5.31	5.34	5.20
3713	Truck and bus bodies...	-	160.36	164.19	150.96	149.97	-	3.94	3.90	3.70	3.74
3714	Motor vehicle parts and accessories...	-	207.97	221.40	191.94	194.37	-	4.94	4.92	4.57	4.65
3715	Truck trailers...	-	144.94	146.83	128.52	138.20	-	3.57	3.59	3.40	3.49
372	Aircraft and parts...	182.99	182.13	186.04	174.22	175.82	4.42	4.41	4.44	4.27	4.32
3721	Aircraft...	-	185.17	187.32	177.12	178.76	-	4.43	4.46	4.32	4.36
3722	Aircraft engines and engine parts...	-	178.75	186.68	170.34	173.53	-	4.48	4.52	4.28	4.36
3723,9	Other aircraft parts and equipment...	-	178.50	183.18	171.81	171.80	-	4.25	4.29	4.13	4.17
373	Ship and boat building and repairing...	(*)	152.83	157.61	153.24	154.45	(*)	3.98	3.99	3.86	3.91
3731	Ship building and repairing...	-	161.16	166.72	161.18	163.14	-	4.23	4.21	4.06	4.13
3732	Boat building and repairing...	-	128.70	128.51	124.74	126.47	-	3.25	3.27	3.15	3.21
374	Railroad equipment...	-	184.24	196.94	167.27	179.50	-	4.70	4.78	4.30	4.51
375,9	Other transportation equipment...	-	127.97	129.65	115.29	128.97	-	3.35	3.35	3.15	3.29
38	INSTRUMENTS AND RELATED PRODUCTS...	144.84	146.69	147.70	137.02	140.49	3.63	3.64	3.62	3.46	3.53
381	Engineering & scientific instruments...	-	170.13	172.64	159.18	162.80	-	4.18	4.16	3.94	4.07
382	Mechanical measuring & control devices...	140.34	141.41	143.56	132.16	136.37	3.58	3.58	3.58	3.38	3.47
3821	Mechanical measuring devices...	-	141.87	146.57	134.35	137.46	-	3.61	3.61	3.41	3.48
3822	Automatic temperature controls...	-	140.54	139.48	128.92	134.59	-	3.54	3.54	3.34	3.46
383,5	Optical and ophthalmic goods...	(*)	128.43	131.53	121.09	126.01	(*)	3.31	3.28	3.17	3.19
385	Ophthalmic goods...	-	116.12	119.56	112.35	117.30	-	3.08	3.05	2.98	3.00
384	Medical instruments and supplies...	127.68	129.68	129.11	119.47	123.78	3.20	3.21	3.18	3.04	3.11
386	Photographic equipment and supplies...	(*)	185.26	184.43	167.68	173.01	(*)	4.39	4.36	4.13	4.23
387	Watches, clocks, and watchcases...	-	115.05	115.53	113.60	112.68	-	2.92	2.91	2.84	2.86
39	MISC. MANUFACTURING INDUSTRIES...	119.65	118.42	120.48	112.22	115.14	3.06	3.06	3.05	2.93	2.96
391	Jewelry, silverware, and plated ware...	126.49	126.88	135.60	119.83	127.08	3.26	3.27	3.34	3.17	3.25
394	Toys and sporting goods...	-	107.62	106.54	103.52	104.22	-	2.81	2.76	2.71	2.70
3941-3	Games, toys, dolls & play vehicles...	-	102.03	98.85	97.76	98.68	-	2.75	2.65	2.60	2.59
3949	Sporting and athletic goods, n e c...	-	112.68	115.49	109.42	110.94	-	2.86	2.88	2.82	2.83
395	Pens, pencils, office and art supplies...	-	121.44	123.41	114.00	117.69	-	3.09	3.07	3.00	3.01
396	Costume jewelry and notions...	-	110.97	111.50	102.76	105.65	-	2.86	2.83	2.69	2.73
393,9	Other manufacturing industries...	(*)	126.04	128.23	119.20	122.77	(*)	3.24	3.23	3.08	3.14
393	Musical instruments and parts...	-	124.64	127.41	118.20	122.51	-	3.07	3.07	3.00	3.04
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS...	139.00	139.35	142.51	134.13	136.21	3.51	3.51	3.51	3.32	3.38
201	Meat products...	(*)	144.97	150.14	147.55	143.67	(*)	3.67	3.68	3.53	3.53
2011	Meat packing plants...	-	179.68	183.58	183.87	175.97	-	4.34	4.34	4.16	4.17
2013	Sausages and other prepared meats...	-	157.51	169.31	155.94	157.60	-	4.07	4.16	3.86	3.94
2015	Poultry dressing plants...	-	84.96	89.17	85.14	86.85	-	2.29	2.31	2.20	2.25

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Avg. 1971
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	39.9	39.9	40.9	39.6	39.9	-	2.1	2.6	1.8	2.1
361	Electric test & distributing equipment	40.4	40.5	41.5	39.8	40.4	-	2.3	3.0	1.6	2.2
3611	Electric measuring instruments	-	40.2	40.9	38.6	39.8	-	2.3	2.3	1.0	1.5
3612	Transformers	-	40.3	41.2	39.6	39.9	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	41.0	42.0	40.7	41.1	-	-	-	-	-
362	Electrical industrial apparatus	40.5	40.4	41.4	39.9	40.1	-	2.2	2.8	1.7	2.1
3621	Motors and generators	-	40.7	41.6	40.3	40.3	-	2.5	3.0	1.8	2.3
3622	Industrial controls	-	39.2	40.8	38.9	39.6	-	1.3	2.4	1.2	1.7
363	Household appliances	(*)	40.0	40.8	39.8	40.4	-	2.2	2.9	2.0	2.5
3632	Household refrigerators and freezers	-	41.4	41.3	39.9	40.8	-	-	-	-	-
3633	Household laundry equipment	-	39.9	41.1	41.5	41.1	-	-	-	-	-
3634	Electric housewares and fans	-	39.1	40.1	38.8	39.4	-	1.6	2.3	1.4	2.1
364	Electric lighting and wiring equipment	39.3	39.3	39.9	39.1	39.3	-	1.9	2.2	1.6	1.8
3641	Electric lamps	-	39.8	39.5	39.9	39.6	-	1.8	1.7	1.7	1.5
3642	Lighting fixtures	-	38.7	39.9	38.7	38.9	-	1.6	2.4	1.7	1.9
3643,4	Wiring devices	-	39.4	40.1	39.0	39.3	-	2.1	2.3	1.5	1.8
365	Radio and TV receiving equipment	37.8	37.9	40.1	38.5	38.9	-	1.2	2.7	1.4	1.8
366	Communication equipment	40.4	40.3	41.2	40.8	40.4	-	2.1	2.3	2.5	2.1
3661	Telephone and telegraph apparatus	-	39.9	40.4	40.6	39.8	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.7	41.9	41.0	40.9	-	2.4	3.0	2.5	2.5
367	Electronic components and accessories	39.7	39.4	40.2	38.7	39.3	-	2.2	2.5	1.4	1.8
3671-3	Electron tubes	-	39.1	39.2	39.5	39.4	-	1.2	2.0	1.4	1.6
3674,9	Other electronic components	-	39.5	40.4	38.5	39.3	-	2.4	2.6	1.4	1.9
369	Misc. electrical equipment & supplies	40.9	41.1	42.6	40.1	40.5	-	2.7	3.2	2.2	2.6
3694	Engine electrical equipment	-	40.6	42.4	39.0	39.9	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	40.5	40.4	42.5	41.2	40.7	-	2.2	3.3	3.4	3.2
371	Motor vehicles and equipment	(*)	40.8	44.0	42.4	41.2	-	2.1	3.6	4.4	3.7
3711	Motor vehicles	-	39.5	44.0	41.9	40.6	-	1.9	3.5	4.9	3.5
3712	Passenger car bodies	-	40.9	40.6	48.9	42.0	-	-	-	-	-
3713	Truck and bus bodies	-	40.7	42.1	40.8	40.1	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.1	45.0	42.0	41.8	-	2.0	4.0	3.3	3.6
3715	Truck trailers	-	40.6	40.9	37.8	39.6	-	-	-	-	-
372	Aircraft and parts	41.4	41.3	41.9	40.8	40.7	-	2.4	3.2	2.1	2.3
3721	Aircraft	-	41.8	42.0	41.0	41.0	-	2.1	2.7	1.9	2.1
3722	Aircraft engines and engine parts	-	39.9	41.3	39.8	39.8	-	2.0	3.3	1.7	1.9
3723,9	Other aircraft parts and equipment	-	42.0	42.7	41.6	41.2	-	3.5	4.2	3.3	3.0
373	Ship and boat building and repairing	(*)	38.4	39.5	39.7	39.5	-	2.6	3.4	3.3	3.1
3731	Ship building and repairing	-	38.1	39.6	39.7	39.5	-	-	-	-	-
3732	Boat building and repairing	-	39.6	39.3	39.6	39.4	-	-	-	-	-
374	Railroad equipment	-	39.2	41.2	38.9	39.8	-	1.8	2.9	1.7	2.7
375,9	Other transportation equipment	-	38.2	38.7	36.6	39.2	-	1.9	2.1	1.6	2.6
38	INSTRUMENTS AND RELATED PRODUCTS	39.9	40.3	40.8	39.6	39.8	-	2.3	2.6	1.8	2.1
381	Engineering & scientific instruments	-	40.7	41.5	40.4	40.0	-	2.7	2.9	2.5	2.3
382	Mechanical measuring & control devices	39.2	39.5	40.1	39.1	39.3	-	1.8	2.3	1.6	1.9
3821	Mechanical measuring devices	-	39.3	40.6	39.4	39.5	-	1.7	2.4	1.7	2.0
3822	Automatic temperature controls	-	39.7	39.4	38.6	38.9	-	1.9	2.0	1.4	1.8
383,5	Optical and ophthalmic goods	(*)	38.8	40.1	38.2	39.5	-	2.1	2.3	1.2	1.8
385	Ophthalmic goods	-	37.7	39.2	37.7	39.1	-	1.7	1.9	1.2	1.7
384	Medical instruments and supplies	39.9	40.4	40.6	39.3	39.8	-	2.5	2.4	1.7	2.0
386	Photographic equipment and supplies	(*)	42.2	42.3	40.6	40.9	-	2.9	3.4	2.0	2.5
387	Watches, clocks, and watch cases	-	39.4	39.7	40.0	39.4	-	1.9	2.0	1.8	1.7
39	MISC. MANUFACTURING INDUSTRIES	39.1	38.7	39.5	38.3	38.9	-	1.9	2.5	1.8	2.2
391	Jewelry, silverware, and plated ware	38.8	38.8	40.6	37.8	39.1	-	2.2	3.7	2.1	2.7
394	Toys and sporting goods	-	38.3	38.6	38.2	38.6	-	1.5	2.2	1.6	2.1
3941-3	Games, toys, dolls, & play vehicles	-	37.1	37.3	37.6	38.1	-	-	-	-	-
3949	Spotting and athletic goods, nec.	-	39.4	40.1	38.8	39.2	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	39.3	40.2	38.0	39.1	-	1.3	2.0	.6	1.3
396	Costume jewelry and notions	-	38.8	39.4	38.2	38.7	-	2.4	2.7	1.8	2.2
393,9	Other manufacturing industries	(*)	38.9	39.7	38.7	39.1	-	2.1	2.4	2.0	2.2
393	Musical instruments and parts	-	40.6	41.5	39.4	40.3	-	3.2	3.5	2.2	2.8
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	39.6	39.7	40.6	40.4	40.3	-	3.4	3.8	3.9	3.8
201	Meat products	(*)	39.5	40.8	41.8	40.7	-	3.6	4.2	5.4	4.3
2011	Meat packing plants	-	41.4	42.3	44.2	42.2	-	4.3	4.5	6.8	4.9
2013	Sausages and other prepared meats	-	38.7	40.7	40.4	40.0	-	-	-	-	-
2015	Poultry dressing plants	-	37.1	38.6	38.7	38.6	-	-	-	-	-

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				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	\$147.14	\$147.08	\$146.26	\$138.24	\$142.49	\$3.58	\$3.57	\$3.55	\$3.38	\$3.45
2024	Ice cream and frozen desserts	-	135.93	138.50	128.38	134.53	-	3.45	3.48	3.25	3.33
2026	Fluid milk	-	155.96	153.97	147.26	150.54	-	3.74	3.71	3.54	3.61
203	Canned, cured, and frozen foods	-	111.59	114.13	106.75	109.06	-	2.96	2.98	2.78	2.84
2031,6	Canned, cured, and frozen sea foods	-	82.52	85.18	83.90	86.15	-	2.42	2.42	2.35	2.42
2032,3	Canned food, except sea foods	-	124.86	128.51	117.60	117.99	-	3.26	3.27	3.00	3.01
2037	Frozen fruits and vegetables	-	103.72	101.84	96.50	98.42	-	2.68	2.68	2.50	2.59
204	Grain mill products	158.84	160.31	165.68	149.26	155.49	3.66	3.66	3.69	3.40	3.51
2041	Flour and other grain mill products	-	177.06	182.13	157.85	167.16	-	3.90	3.90	3.50	3.69
2042	Prepared feeds for animals and fowls	-	144.26	147.98	139.07	139.99	-	3.22	3.21	3.07	3.07
205	Bakery products	(*)	139.29	142.20	129.70	136.02	(*)	3.59	3.60	3.36	3.47
2051	Bread, cake, and related products	-	140.48	143.42	130.18	137.63	-	3.63	3.64	3.39	3.52
2052	Cookies and crackers	-	135.93	137.02	125.97	129.63	-	3.45	3.46	3.23	3.29
206	Sugar	-	149.97	144.06	135.07	143.71	-	3.64	3.43	3.36	3.62
207	Confectionery and related products	(*)	161.87	118.38	112.79	117.71	(*)	3.02	3.02	2.87	2.98
2071	Confectionery products	-	110.87	113.00	108.14	113.00	-	2.91	2.92	2.78	2.89
208	Beverages	159.15	157.95	164.43	108.55	157.98	4.06	4.05	4.06	3.78	3.92
2082	Malt liquors	-	212.78	215.66	196.75	211.04	-	5.28	5.26	4.87	5.11
2086	Bottled and canned soft drinks	-	113.84	119.38	109.52	116.61	-	2.98	3.03	2.83	2.93
209	Misc. foods and kindred products	(*)	138.84	145.52	131.65	136.45	(*)	3.37	3.40	3.18	3.28
21	TOBACCO MANUFACTURES	111.55	112.88	118.44	115.28	116.55	3.32	3.32	3.29	3.01	3.15
211	Cigarettes	-	127.12	140.05	139.65	138.67	-	4.01	3.99	3.59	3.82
212	Cigars	-	87.98	85.10	83.55	85.42	-	2.34	2.30	2.24	2.29
22	TEXTILE MILL PRODUCTS	111.11	109.34	108.73	101.60	104.34	2.71	2.68	2.62	2.54	2.57
221	Weaving mills, cotton	(*)	112.98	110.24	103.89	104.55	(*)	2.69	2.60	2.54	2.55
222	Weaving mills, synthetics	117.73	117.85	113.16	102.80	108.58	2.77	2.76	2.65	2.57	2.67
223	Weaving and finishing mills, wool	114.39	114.65	112.61	106.39	106.79	2.79	2.81	2.76	2.64	2.69
224	Narrow fabric mills	101.52	101.52	104.55	99.05	100.00	2.57	2.57	2.55	2.47	2.50
225	Knitting mills	99.07	97.28	97.41	91.74	94.60	2.58	2.56	2.53	2.44	2.47
2251	Women's hosiery, except socks	-	88.89	87.85	82.22	83.90	-	2.49	2.42	2.39	2.37
2252	Hosiery, n e c	-	83.49	85.13	79.12	83.10	-	2.30	2.27	2.21	2.24
2253	Knit outerwear mills	-	100.58	101.92	97.91	98.94	-	2.64	2.62	2.53	2.55
2254	Knit underwear mills	-	91.54	87.14	84.82	87.32	-	2.39	2.33	2.28	2.31
226	Textile finishing, except wool	(*)	119.52	121.26	111.92	115.78	(*)	2.88	2.82	2.71	2.75
227	Floor covering mills	-	115.23	120.10	107.98	114.75	-	2.79	2.78	2.64	2.70
228	Yarn and thread mills	105.66	104.92	103.39	97.10	100.50	2.54	2.51	2.45	2.38	2.41
229	Miscellaneous textile goods	124.27	123.67	128.01	114.37	119.94	2.98	2.98	2.97	2.81	2.89
23	APPAREL AND OTHER TEXTILE PRODUCTS	92.26	90.62	91.55	85.61	88.40	2.57	2.56	2.55	2.46	2.49
231	Men's and boys' suits and coats	(*)	114.61	115.81	101.78	107.06	(*)	3.14	3.13	2.95	3.05
232	Men's and boys' furnishings	83.17	82.04	82.51	77.69	79.79	2.26	2.26	2.23	2.17	2.18
2321	Men's and boys' shirts and nightwear	-	80.68	82.14	74.47	77.40	-	2.26	2.22	2.14	2.15
2327	Men's and boys' separate trousers	-	82.35	83.18	78.69	80.57	-	2.25	2.23	2.15	2.16
2328	Men's and boys' work clothing	-	79.08	77.65	75.09	76.13	-	2.12	2.11	2.08	2.08
233	Women's and misses' outerwear	93.64	91.18	90.85	87.05	90.32	2.73	2.73	2.72	2.63	2.68
2331	Women's and misses' blouses and waists	-	82.93	80.58	79.73	81.29	-	2.39	2.37	2.38	2.37
2335	Women's and misses' dresses	-	89.92	89.28	87.31	90.91	-	2.81	2.79	2.72	2.78
2337	Women's and misses' suits and coats	-	104.62	106.58	97.28	103.23	-	3.18	3.22	3.04	3.10
2339	Women's and misses' outerwear, n e c	-	87.00	86.16	81.13	82.57	-	2.41	2.38	2.26	2.30
234	Women's and children's undergarments	(*)	82.11	80.84	79.07	81.85	(*)	2.30	2.29	2.24	2.28
2341	Women's and children's underwear	-	79.97	78.50	76.87	79.70	-	2.24	2.23	2.19	2.22
2342	Corsets and allied garments	-	86.62	86.62	84.85	87.24	-	2.44	2.44	2.37	2.43
235	Hats, caps, and millinery	-	88.08	86.04	83.62	83.52	-	2.44	2.41	2.31	2.32
236	Children's outerwear	(*)	83.41	81.66	79.46	81.43	(*)	2.39	2.36	2.29	2.32
2361	Children's dresses and blouses	-	83.07	78.86	80.50	80.16	-	2.36	2.34	2.30	2.31
237,8	Fur goods and miscellaneous apparel	-	91.26	94.22	89.76	92.42	-	2.60	2.61	2.55	2.56
239	Misc. fabricated textile products	(*)	101.73	107.71	96.57	99.30	(*)	2.72	2.72	2.61	2.62
2391,2	Housefurnishings	-	85.88	92.04	82.21	86.26	-	2.34	2.33	2.24	2.27
26	PAPER AND ALLIED PRODUCTS	162.39	159.64	162.64	147.74	154.93	3.83	3.81	3.80	3.56	3.68
261,2,6	Paper and pulp mills	(*)	184.41	186.08	169.69	177.80	(*)	4.22	4.21	3.91	4.05
263	Paperboard mills	191.78	189.19	192.19	176.40	184.23	4.30	4.29	4.29	4.00	4.14
264	Misc. converted paper products	(*)	141.17	143.94	129.60	135.60	(*)	3.46	3.46	3.24	3.34
2643	Bags, except textile bags	-	135.60	138.61	124.97	130.25	-	3.34	3.34	3.14	3.24
265	Paperboard containers and boxes	(*)	141.80	146.72	132.26	139.06	(*)	3.51	3.51	3.29	3.40
2651,2	Folding and setup paperboard boxes	-	133.00	140.35	122.30	129.60	-	3.35	3.39	3.12	3.24
2653	Corrugated and solid fiber boxes	-	149.60	153.61	139.66	147.33	-	3.64	3.64	3.44	3.55
2654	Sanitary food containers	-	135.81	141.54	130.65	135.88	-	3.37	3.37	3.21	3.29

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				
		Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 P	Jan. 1972 P	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	41.1	41.2	41.2	40.9	41.3	-	3.5	3.5	3.6	3.8
2024	Ice cream and frozen desserts.....	-	39.4	39.8	39.5	40.4	-	-	-	-	-
2026	Fluid milk.....	-	41.7	41.5	41.6	41.7	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	37.7	38.3	38.4	38.4	-	2.8	3.3	2.8	3.1
2031,6	Canned, cured and frozen sea foods.....	-	34.1	35.2	35.7	35.6	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	38.3	39.3	39.2	39.2	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	38.7	38.0	38.6	38.0	-	-	-	-	-
204	Grain mill products.....	43.4	43.8	44.9	43.9	44.3	-	5.8	6.5	6.1	6.2
2041	Flour and other grain mill product ..	-	45.4	46.7	45.1	45.3	-	-	-	-	-
2042	Prepared feeds for animals and fowls ..	-	44.8	46.1	45.3	45.6	-	-	-	-	-
205	Bakery products.....	(*)	38.8	39.5	38.6	39.2	-	2.7	3.0	2.8	3.1
2051	Bread, cake, and related products ..	-	38.7	39.4	38.4	39.1	-	-	-	-	-
2052	Cookies and crackers.....	-	39.4	39.6	39.0	39.4	-	-	-	-	-
206	Sugar.....	-	41.2	42.0	40.2	39.7	-	3.8	3.4	3.6	3.7
207	Confectionery and related products ..	(*)	38.7	39.2	39.3	39.5	-	2.6	2.4	2.3	2.5
2071	Confectionery products.....	-	38.1	38.7	38.9	39.1	-	-	-	-	-
208	Beverages.....	39.2	39.0	40.5	39.3	40.3	-	2.6	3.0	2.7	3.4
2082	Malt liquors.....	-	40.3	41.0	40.4	41.3	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	38.2	39.4	38.7	39.8	-	-	-	-	-
209	Misc. foods and kindred products.....	(*)	41.2	42.8	41.4	41.6	-	4.4	5.2	4.6	4.6
21	TOBACCO MANUFACTURES	34.0	34.0	36.0	38.3	37.0	-	.6	1.0	1.5	1.7
211	Cigarettes.....	-	31.7	35.1	38.9	36.3	-	.3	.6	1.8	2.1
212	Cigars.....	-	37.6	37.0	37.3	37.3	-	.6	1.3	.9	1.4
22	TEXTILE MILL PRODUCTS	41.0	40.8	41.5	40.0	40.6	-	4.0	4.2	3.3	3.8
221	Weaving mills, cotton.....	(*)	42.0	42.4	40.9	41.0	-	5.0	4.6	3.7	4.0
222	Weaving mills, synthetics.....	42.5	42.7	42.7	40.0	41.6	-	4.9	4.8	3.1	4.0
223	Weaving and finishing mills, wool.....	41.0	40.8	40.8	40.3	39.7	-	3.8	3.9	3.2	2.9
224	Narrow fabric mills.....	39.5	39.5	41.0	40.1	40.0	-	2.9	3.3	2.3	2.7
225	Knitting mills.....	38.4	38.0	38.5	37.6	38.3	-	2.5	2.7	2.4	2.6
2251	Women's hosiery, except socks.....	-	35.7	36.3	34.4	35.4	-	-	-	-	-
2252	Hosiery, n e c.....	-	36.3	37.5	35.8	37.1	-	-	-	-	-
2253	Knit outerwear mills.....	-	38.1	38.9	38.7	38.8	-	-	-	-	-
2254	Knit underwear mills.....	-	38.3	37.4	37.2	37.8	-	-	-	-	-
226	Textile finishing, except wool.....	(*)	41.5	43.0	41.3	42.1	-	4.6	5.5	4.3	4.9
227	Floor covering mills.....	-	41.3	43.2	40.9	42.5	-	4.1	5.2	3.7	4.9
228	Yarn and thread mills.....	41.6	41.8	42.2	40.8	41.7	-	4.3	4.6	3.8	4.4
229	Miscellaneous textile goods.....	41.7	41.5	43.1	40.7	41.5	-	3.8	4.9	3.2	4.0
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.9	35.4	35.9	34.8	35.5	-	1.2	1.3	1.0	1.2
231	Men's and boys' suits and coats	(*)	36.5	37.0	34.5	35.1	-	1.3	1.3	.7	.9
232	Men's and boys' furnishings.....	36.8	36.3	37.0	35.8	36.6	-	1.0	1.3	.9	1.2
2321	Men's and boys' shirts and nightwear ..	-	35.7	37.0	34.8	36.0	-	1.0	1.3	.6	1.0
2327	Men's and boys' separate trousers.....	-	36.6	37.3	36.6	37.3	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	37.3	36.8	36.1	36.6	-	1.3	1.2	1.0	1.1
233	Women's and misses' outerwear.....	34.3	33.4	33.4	33.1	33.7	-	1.1	1.1	1.0	1.1
2331	Women's and misses' blouses and waists ..	-	34.7	34.0	33.5	34.3	-	-	-	-	-
2335	Women's and misses' dresses.....	-	32.0	32.0	32.1	32.7	-	.9	1.0	1.0	1.1
2337	Women's and misses' suits and coats ..	-	32.9	33.1	32.0	33.3	-	1.2	1.3	.8	1.3
2339	Women's and misses' outerwear, n e c ..	-	36.1	36.2	35.9	35.9	-	1.5	1.4	1.1	1.2
234	Women's and children's undergarments ..	(*)	35.7	35.3	35.3	35.9	-	.9	1.1	.8	1.2
2341	Women's and children's underwear.....	-	35.7	35.2	35.1	35.9	-	-	-	-	-
2342	Corsets and allied garments.....	-	35.5	35.5	35.8	35.9	-	-	-	-	-
235	Hats, caps, and millinery.....	-	36.1	35.7	36.2	36.0	-	1.1	1.1	1.0	1.0
236	Children's outerwear.....	(*)	34.9	34.6	34.7	35.1	-	1.0	.6	.9	1.1
2361	Children's dresses and blouses.....	-	35.2	33.7	35.0	34.7	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel ..	-	35.1	36.1	35.2	36.1	-	1.0	1.2	1.0	1.2
239	Misc. fabricated textile products.....	(*)	37.4	39.6	37.0	37.9	-	1.9	2.4	1.5	1.9
2391,2	Housefurnishings.....	-	36.7	39.5	36.7	38.0	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	42.4	41.9	42.8	41.5	42.1	-	4.4	4.7	4.2	4.6
261,2,6	Paper and pulp mills.....	(*)	43.7	44.2	43.4	43.9	-	5.8	5.7	5.6	5.8
263	Paperboard mills.....	44.6	44.1	44.8	44.1	44.5	-	6.8	7.3	6.7	7.3
264	Misc. converted paper products.....	(*)	40.8	41.6	40.0	40.6	-	3.1	3.5	2.9	3.1
2643	Bags, except textile bags.....	-	40.6	41.5	39.8	40.2	-	-	-	-	-
265	Paperboard containers and boxes.....	(*)	40.4	41.8	40.2	40.9	-	3.4	4.0	3.2	3.7
2651,2	Folding and setup paperboard boxes ..	-	39.7	41.4	39.2	40.0	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	41.1	42.2	40.6	41.5	-	3.8	4.2	3.5	4.2
2654	Sanitary food containers.....	-	40.3	42.0	40.7	41.3	-	-	-	-	-

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				
		Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$161.01	\$161.88	\$165.68	\$151.03	\$157.92	\$4.34	\$4.34	\$4.36	\$4.06	\$4.02
271	Newspapers.....	(*)	164.22	173.88	151.55	162.38	(*)	4.76	4.83	4.38	4.60
272	Periodicals.....	-	180.99	182.29	173.29	174.26	-	4.48	4.49	4.30	4.38
273	Books.....	-	149.00	151.31	142.42	147.02	-	3.85	3.85	3.68	3.76
275	Commercial printing.....	168.14	166.44	169.56	155.80	162.43	4.39	4.38	4.37	4.10	4.23
2751	Commercial printing, ex. lithographic.....	-	159.52	163.31	150.44	156.65	-	4.22	4.22	3.98	4.09
2752	Commercial printing, lithographic.....	-	177.02	178.94	163.45	171.33	-	4.61	4.60	4.29	4.45
278	Blankbooks and bookbinding.....	122.58	125.62	124.53	115.26	120.78	3.26	3.28	3.26	3.09	3.17
274,6,7,9	Other publishing & printing ind.....	161.73	160.88	161.59	153.56	154.98	4.29	4.29	4.23	4.02	4.10
28	CHEMICALS AND ALLIED PRODUCTS	170.97	170.15	170.11	158.18	163.90	4.10	4.10	4.06	3.83	3.94
281	Industrial chemicals.....	(*)	191.94	190.77	175.56	183.54	(*)	4.57	4.51	4.19	4.37
2812	Alkalies and chlorine.....	-	198.90	196.22	175.54	185.74	-	4.50	4.48	4.24	4.36
2818	Industrial organic chemicals, n e c.....	-	206.15	201.29	183.90	197.07	-	4.92	4.77	4.41	4.67
2819	Industrial inorganic chemicals, n e c.....	-	180.48	180.98	168.89	172.63	-	4.37	4.34	4.05	4.19
282	Plastics materials and synthetics.....	(*)	165.09	168.67	154.75	161.66	(*)	3.94	3.95	3.72	3.84
2821	Plastics materials and resins.....	-	184.04	189.62	165.03	175.87	-	4.27	4.29	3.92	4.09
2823,4	Synthetic fibers.....	-	148.01	150.59	143.03	147.03	-	3.61	3.62	3.48	3.56
283	Drugs.....	159.49	160.70	157.08	151.44	153.06	3.89	3.91	3.85	3.73	3.77
2834	Pharmaceutical preparations.....	-	156.24	152.56	146.25	147.86	-	3.82	3.73	3.62	3.66
284	Soap, cleaners, and toilet goods.....	165.65	166.87	167.68	155.50	159.53	4.08	4.10	4.06	3.83	3.91
2841	Soap and other detergents.....	-	207.50	209.00	195.16	198.72	-	5.00	5.00	4.68	4.80
2844	Toilet preparations.....	-	133.00	136.86	127.60	131.63	-	3.35	3.33	3.19	3.25
285	Paints and allied products.....	(*)	155.47	154.57	143.32	149.78	(*)	3.82	3.77	3.61	3.68
287	Agricultural chemicals.....	(*)	145.39	144.28	132.92	138.42	(*)	3.47	3.46	3.18	3.28
2871,2	Fertilizers, complete & mixing only.....	-	138.03	137.94	128.29	132.71	-	3.31	3.30	3.04	3.13
286,9	Other chemical products.....	162.18	159.83	159.33	149.45	154.01	3.88	3.87	3.83	3.61	3.72
2892	Explosives.....	-	166.85	162.76	154.54	159.08	-	4.04	3.96	3.76	3.88
29	PETROLEUM AND COAL PRODUCTS	205.94	202.73	196.70	186.06	194.19	4.88	4.85	4.65	4.43	4.58
291	Petroleum refining.....	218.69	214.34	205.45	195.25	202.44	5.17	5.14	4.88	4.66	4.82
295,9	Other petroleum and coal products.....	160.99	162.54	165.64	153.13	166.44	3.87	3.87	3.87	3.62	3.80
30	RUBBER AND PLASTICS PRODUCTS, N E C	144.49	142.97	145.44	132.47	137.42	3.55	3.53	3.53	3.32	3.41
301	Tires and inner tubes.....	198.85	199.03	203.39	177.60	190.49	4.78	4.75	4.73	4.44	4.59
302,3,6	Other rubber products.....	137.48	136.51	139.54	126.96	130.87	3.42	3.43	3.42	3.19	3.28
302	Rubber footwear.....	-	108.68	108.75	109.81	107.59	-	2.86	2.81	2.78	2.78
307	Miscellaneous plastics products.....	126.98	125.24	126.07	118.50	120.70	3.12	3.10	3.09	2.97	3.01
31	LEATHER AND LEATHER PRODUCTS	104.64	102.26	102.56	95.23	97.64	2.69	2.67	2.65	2.56	2.59
311	Leather tanning and finishing.....	(*)	130.32	134.46	125.58	130.47	(*)	3.35	3.32	3.22	3.27
314	Footwear, except rubber.....	(*)	100.49	99.85	93.62	94.88	(*)	2.61	2.58	2.51	2.53
312,3,5-7,5	Other leather products.....	(*)	97.35	99.58	89.54	94.12	(*)	2.61	2.60	2.46	2.53
316	Luggage.....	-	101.02	103.21	90.04	95.67	-	2.87	2.82	2.58	2.65
317	Handbags and personal leather goods.....	-	91.88	94.62	87.95	92.26	-	2.49	2.49	2.39	2.48
	TRANSPORTATION AND PUBLIC UTILITIES	179.74	178.00	179.05	160.39	169.24	4.46	4.45	4.41	4.04	4.21
	RAILROAD TRANSPORTATION:										
11	Class I railroads ²	-	(*)	202.48	180.20	188.35	(*)	4.54	4.25	4.36	4.36
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation.....	-	152.59	155.21	143.56	150.90	-	3.74	3.74	3.51	3.61
413	Intercity highway transportation.....	-	170.60	169.22	174.30	174.64	-	4.33	4.35	4.20	4.27
42	TRUCKING AND WAREHOUSING	-	187.57	191.56	168.50	181.81	-	4.62	4.55	4.14	4.36
421,3	Trucking and trucking terminals.....	-	192.51	196.70	172.18	186.04	-	4.73	4.65	4.22	4.44
422	Public warehousing.....	-	129.42	131.34	122.06	128.63	-	3.26	3.30	3.09	3.24
46	PIPE LINE TRANSPORTATION	-	215.59	205.09	200.93	201.62	-	5.22	4.93	4.75	4.87
48	COMMUNICATION	-	157.12	155.98	131.51	140.21	-	4.06	4.02	3.47	3.68
481	Telephone communication.....	-	154.79	154.42	127.76	137.54	-	4.01	3.98	3.38	3.61
4817	Switchboard operating employees ³	-	110.22	109.23	97.29	101.74	-	3.32	3.31	2.87	3.01
4818	Line construction employees ⁴	-	216.31	213.00	180.17	192.71	-	4.85	4.83	4.19	4.43
482	Telegraph communication ⁵	-	(*)	173.46	158.30	162.66	-	(*)	4.20	3.76	3.91
483	Radio and television broadcasting.....	-	169.84	165.89	155.42	159.22	-	4.40	4.32	4.09	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				
		Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	37.3	37.1	38.0	37.2	37.6	-	2.2	2.9	2.4	2.6
271	Newspapers.....	(*)	34.5	36.0	34.6	35.3	-	1.5	2.8	1.9	2.4
272	Periodicals.....	-	40.4	40.6	40.3	39.9	-	3.0	4.0	4.0	3.7
273	Books	-	38.7	39.3	38.7	39.1	-	2.6	2.9	2.7	2.9
275	Commercial printing	38.3	38.0	38.8	38.0	38.4	-	2.7	3.1	2.6	3.0
2751	Commercial printing, ex. lithographic	-	37.8	38.7	37.8	38.3	-	2.5	3.0	2.5	2.9
2752	Commercial printing, lithographic	-	38.4	38.9	38.1	38.5	-	3.0	3.5	2.8	3.2
278	Blankbooks and bookbinding	37.6	38.3	38.2	37.3	38.1	-	2.0	1.8	1.6	1.9
274, 6, 7, 9	Other publishing & printing ind.....	37.7	37.5	38.2	38.2	37.8	-	1.8	2.5	2.4	2.2
28	CHEMICALS AND ALLIED PRODUCTS ..	41.7	41.5	41.9	41.3	41.6	-	3.0	3.1	2.8	3.1
281	Industrial chemicals.....	(*)	42.0	42.3	41.9	42.0	-	3.4	3.4	3.2	3.4
2812	Alkalies and chlorine.....	-	44.2	43.8	41.4	42.6	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c....	-	41.9	42.2	41.7	42.2	-	3.0	2.9	2.6	3.1
2819	Industrial inorganic chemicals, n.e.c....	-	41.3	41.7	41.7	41.2	-	2.9	2.7	3.2	3.0
282	Plastics materials and synthetics	(*)	41.9	42.7	41.6	42.1	-	2.9	3.2	2.5	2.9
2821	Plastics materials and resins	-	43.1	44.2	42.1	43.0	-	4.4	4.6	3.3	4.1
2823, 4	Synthetic fibers.....	-	41.0	41.6	41.1	41.3	-	1.7	2.1	1.9	2.1
283	Drugs	41.0	41.1	40.8	40.6	40.6	-	2.4	2.7	2.4	2.6
2834	Pharmaceutical preparations	-	40.9	40.9	40.4	40.4	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	40.6	40.7	41.3	40.6	40.8	-	2.6	2.9	2.6	2.8
2841	Soap and other detergents	-	41.5	41.8	41.7	41.4	-	-	-	-	-
2844	Toilet preparations	-	39.7	41.1	40.0	40.5	-	-	-	-	-
285	Paints and allied products.....	(*)	40.7	41.0	39.7	40.7	-	2.6	2.4	2.0	2.6
287	Agricultural chemicals	(*)	41.9	41.7	41.8	42.2	-	4.1	4.1	3.9	4.3
2871, 2	Fertilizers, complete & mixing only..	-	41.7	41.8	42.2	42.4	-	-	-	-	-
286, 9	Other chemical products	41.8	41.3	41.6	41.4	41.4	-	3.0	2.9	2.8	3.0
2892	Explosives	-	41.3	41.1	41.1	41.0	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	42.2	41.8	42.3	42.0	42.4	-	3.0	3.6	3.5	3.6
291	Petroleum refining.....	42.3	41.7	42.1	41.9	42.0	-	2.5	3.1	3.0	2.8
295, 9	Other petroleum and coal products.....	41.6	42.0	42.8	42.3	43.8	-	4.6	5.1	5.4	6.3
30	RUBBER AND PLASTICS PRODUCTS, NEC. ..	40.7	40.5	41.2	39.9	40.3	-	3.5	3.6	2.8	3.2
301	Tires and inner tubes	41.6	41.9	43.0	40.0	41.5	-	4.4	4.9	3.6	4.1
302, 3, 6	Other rubber products	40.2	39.8	40.8	39.8	39.9	-	2.9	2.9	2.5	2.6
302	Rubber footwear	-	38.0	38.7	39.5	38.7	-	2.3	1.8	2.9	2.3
307	Miscellaneous plastics products	40.7	40.4	40.8	39.9	40.1	-	3.4	3.4	2.7	3.2
31	LEATHER AND LEATHER PRODUCTS	38.9	38.3	38.7	37.2	37.7	-	2.1	2.2	1.6	1.9
311	Leather tanning and finishing.....	(*)	38.9	40.5	39.0	39.9	-	2.8	3.3	2.8	3.1
314	Footwear, except rubber.....	(*)	38.5	38.7	37.3	37.5	-	2.2	2.0	1.5	1.8
312, 3, 5-7, 9	Other leather products	(*)	37.3	38.3	36.4	37.2	-	2.1	2.2	1.3	1.7
316	Luggage	-	35.2	36.6	34.9	36.1	-	.7	1.6	.8	1.1
317	Handbags and personal leather goods..	-	36.9	38.0	36.8	37.2	-	1.5	1.9	1.7	1.7
	TRANSPORTATION AND PUBLIC UTILITIES	40.3	40.0	40.6	39.7	40.2					
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	-	(*)	44.6	42.4	43.2					
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	40.8	41.5	40.9	41.8	-	-	-	-	-
413	Intercity highway transportation	-	39.4	38.9	41.5	40.9	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	-	40.6	42.1	40.7	41.7	-	-	-	-	-
421, 3	Trucking and trucking terminals	-	40.7	42.3	40.8	41.9	-	-	-	-	-
422	Public warehousing	-	39.7	39.8	39.5	39.7	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	41.3	41.6	42.3	41.4					
48	COMMUNICATION	-	38.7	38.8	37.9	38.1					
481	Telephone communication	-	38.6	38.8	37.8	38.1					
4817	Switchboard operating employees ³ ...	-	33.2	33.0	33.9	33.8					
4818	Line construction employees ⁴	-	44.6	44.1	43.0	43.5					
482	Telegraph communication ⁵	-	(*)	41.3	42.1	41.6					
483	Radio and television broadcasting.....	-	38.6	38.4	38.0	38.0					

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 earnings					Average hourly earnings					
		Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971	
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued											
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$ 193.70	\$ 194.32	\$ 178.00	\$ 185.06	-	\$ 4.69	\$ 4.66	\$ 4.31	\$ 4.47	
491	Electric companies and systems	-	196.65	199.50	180.92	190.19	-	4.75	4.75	4.37	4.55	
492	Gas companies and systems	-	177.94	173.83	163.15	166.87	-	4.34	4.25	3.96	4.09	
493	Combination companies and systems	-	212.59	214.85	194.99	202.29	-	5.16	5.14	4.71	4.91	
494-7	Water, steam, & sanitary systems	-	163.44	161.28	153.18	157.08	-	3.91	3.84	3.70	3.74	
-	WHOLESALE AND RETAIL TRADE	\$ 103.70	103.06	103.31	97.51	100.74	\$ 2.98	2.97	2.91	2.81	2.87	
50	WHOLESALE TRADE	151.65	151.26	152.74	141.37	146.07	3.82	3.81	3.79	3.37	3.67	
501	Motor vehicles & automotive equipment	-	139.04	145.49	131.01	136.40	-	3.52	3.54	3.30	3.41	
502	Drugs, chemicals, and allied products	-	152.09	151.32	143.21	146.68	-	3.93	3.91	3.71	3.80	
503	Dry goods and apparel	-	138.34	139.45	131.98	134.25	-	3.65	3.66	3.51	3.58	
504	Groceries and related products	-	143.96	143.32	134.13	138.45	-	3.59	3.53	3.37	3.47	
506	Electrical goods	-	155.36	161.54	140.75	145.40	-	3.78	3.81	3.51	3.59	
507	Hardware; plumbing & heating equipment	-	145.30	145.56	135.72	141.20	-	3.66	3.63	3.41	3.53	
508	Machinery, equipment, and supplies	-	168.48	168.92	154.35	161.99	-	4.16	4.13	3.83	3.98	
509	Miscellaneous wholesalers	-	151.71	152.47	143.45	147.38	-	3.88	3.86	3.65	3.75	
52-59	RETAIL TRADE	88.31	87.98	89.00	83.41	86.61	2.66	2.65	2.61	2.52	2.57	
53	Retail general merchandise	-	79.87	81.83	75.64	79.36	-	2.56	2.45	2.44	2.48	
531	Department stores	-	82.62	84.95	78.43	82.85	-	2.70	2.59	2.58	2.63	
532	Mail order houses	-	96.21	103.88	96.68	101.14	-	2.68	2.65	2.62	2.69	
533	Variety stores	-	63.43	64.22	56.74	59.40	-	2.15	1.97	1.97	1.98	
54	Food stores	-	96.64	96.60	89.36	93.70	-	3.02	3.00	2.81	2.91	
541-3	Grocery, meat, and vegetable stores	-	99.48	99.45	91.20	96.20	-	3.08	3.06	2.85	2.96	
56	Apparel and accessory stores	-	75.99	79.59	72.93	75.60	-	2.42	2.39	2.33	2.37	
561	Men's & boys' clothing & furnishings	-	91.08	94.85	89.49	91.18	-	2.76	2.71	2.72	2.73	
562	Women's ready-to-wear stores	-	68.10	71.48	65.75	67.54	-	2.24	2.22	2.17	2.20	
565	Family clothing stores	-	75.92	77.44	69.93	73.44	-	2.28	2.20	2.10	2.16	
566	Shoe stores	-	75.09	79.57	70.80	75.15	-	2.47	2.51	2.36	2.44	
57	Furniture and home furnishings stores	-	115.87	121.54	111.57	114.88	-	3.14	3.19	3.04	3.08	
571	Furniture and home furnishings	-	116.55	121.22	110.53	114.20	-	3.15	3.19	3.02	3.07	
58	Eating and drinking places ⁶	-	59.20	60.89	58.37	60.26	-	1.98	1.99	1.92	1.95	
52,55,59	Other retail trade	-	109.79	110.11	103.50	108.02	-	2.92	2.89	2.76	2.85	
52	Building materials and farm equipment	-	120.87	122.51	113.10	119.50	-	3.06	3.04	2.90	2.98	
551,2	Motor vehicle dealers	-	142.16	144.13	132.99	141.75	-	3.51	3.55	3.30	3.50	
553,9	Other automotive & accessory dealers	-	124.31	122.47	115.21	121.47	-	3.01	2.93	2.81	2.92	
591	Drug stores and proprietary stores	-	79.00	80.35	76.56	78.97	-	2.50	2.48	2.40	2.46	
594	Book and stationery stores	-	93.16	94.66	87.51	90.65	-	2.74	2.72	2.62	2.69	
598	Fuel and ice dealers	-	141.64	138.90	140.90	131.58	-	3.66	3.58	3.42	3.40	
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	125.77	125.77	123.58	117.07	121.36	3.39	3.39	3.34	3.19	3.28	
60	Banking	-	109.45	108.78	105.98	107.67	-	2.95	2.94	2.88	2.91	
61	Credit agencies other than banks	-	116.66	114.08	108.46	111.59	-	3.07	3.01	2.90	2.96	
612	Savings and loan associations	-	116.49	112.65	106.48	110.11	-	3.09	3.02	2.87	2.96	
62	Security, commodity brokers & services	-	216.38	208.66	186.04	200.91	-	5.77	5.67	4.92	5.43	
63	Insurance carriers	-	131.72	128.43	124.41	126.96	-	3.56	3.49	3.39	3.45	
631	Life insurance	-	132.13	129.59	127.05	128.51	-	3.63	3.57	3.50	3.55	
632	Accident and health insurance	-	125.70	124.58	117.39	120.58	-	3.37	3.34	3.19	3.25	
633	Fire, marine, and casualty insurance	-	133.13	129.08	124.58	127.16	-	3.55	3.47	3.34	3.40	
-	SERVICES	105.03	104.41	104.65	99.62	102.26	3.08	3.08	3.06	2.93	2.99	
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶	-	74.04	74.25	68.68	72.08	-	2.23	2.25	2.05	2.12	
721	Personal Services: Laundries and dry cleaning plants	-	82.24	84.25	78.75	81.31	-	2.37	2.38	2.25	2.31	
722	Photographic studios	-	95.98	97.94	93.81	97.02	-	2.75	2.64	2.65	2.68	
781	Motion pictures: Motion picture filming & distributing	-	193.50	196.18	188.07	187.62	-	5.16	5.19	4.81	4.99	
806	Hospitals	-	103.89	103.20	98.89	101.53	-	3.02	3.00	2.90	2.96	

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				
		Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971	Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971
	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	--	41.3	41.7	41.3	41.4	--	--	--	--	--
491	Electric companies and systems	--	41.4	42.0	41.4	41.8	--	--	--	--	--
492	Gas companies and systems	--	41.0	40.9	41.2	40.8	--	--	--	--	--
493	Combination companies and systems ..	--	41.2	41.8	41.4	41.2	--	--	--	--	--
494-7	Water, steam & sanitary systems	--	41.8	42.0	41.4	42.0	--	--	--	--	--
--	WHOLESALE AND RETAIL TRADE	34.8	34.7	35.5	34.7	35.1	--	--	--	--	--
50	WHOLESALE TRADE	39.7	39.7	40.3	39.6	39.8	--	--	--	--	--
501	Motor vehicles & automotive equipment ..	--	39.5	41.1	39.7	40.0	--	--	--	--	--
502	Drugs, chemicals, and allied products ...	--	38.7	38.7	38.6	38.6	--	--	--	--	--
503	Dry goods and apparel	--	37.9	38.1	37.6	37.5	--	--	--	--	--
504	Groceries and related products	--	40.1	40.6	39.8	39.9	--	--	--	--	--
506	Electrical goods	--	41.1	42.4	40.1	40.5	--	--	--	--	--
507	Hardware; plumbing & heating equipment	--	39.7	40.1	39.8	40.0	--	--	--	--	--
508	Machinery, equipment, and supplies	--	40.5	40.9	40.3	40.7	--	--	--	--	--
509	Miscellaneous wholesalers	--	39.1	39.5	39.3	39.3	--	--	--	--	--
52-59	RETAIL TRADE	33.2	33.2	34.1	33.1	33.7	--	--	--	--	--
53	Retail general merchandise	--	31.2	33.4	31.0	32.0	--	--	--	--	--
531	Department stores	--	30.6	32.8	30.4	31.5	--	--	--	--	--
532	Mail order houses	--	35.9	39.2	36.9	37.6	--	--	--	--	--
533	Variety stores	--	29.5	32.6	28.8	30.0	--	--	--	--	--
54	Food stores	--	32.0	32.2	31.8	32.2	--	--	--	--	--
541-3	Grocery, meat, and vegetable stores ...	--	32.3	32.5	32.0	32.5	--	--	--	--	--
56	Apparel and accessory stores	--	31.4	33.3	31.3	31.9	--	--	--	--	--
561	Men's & boys' clothing & furnishings ..	--	33.0	35.0	32.9	33.4	--	--	--	--	--
562	Women's ready-to-wear stores	--	30.4	32.2	30.3	30.7	--	--	--	--	--
565	Family clothing stores	--	33.3	35.2	33.3	34.0	--	--	--	--	--
566	Shoe stores	--	30.4	31.7	30.0	30.8	--	--	--	--	--
57	Furniture and home furnishings stores ..	--	36.9	38.1	36.7	37.3	--	--	--	--	--
571	Furniture and home furnishings	--	37.0	38.0	36.6	37.2	--	--	--	--	--
58	Eating and drinking places ⁶	--	29.9	30.6	30.4	30.9	--	--	--	--	--
52,55,59	Other retail trade	--	37.6	38.1	37.5	37.9	--	--	--	--	--
52	Building materials and farm equipment	--	39.5	40.3	39.0	40.1	--	--	--	--	--
551,2	Motor vehicle dealers	--	40.5	40.6	40.3	40.5	--	--	--	--	--
553,9	Other automotive & accessory dealers.	--	41.3	41.8	41.0	41.6	--	--	--	--	--
591	Drug stores and proprietary stores ...	--	31.6	32.4	31.9	32.1	--	--	--	--	--
594	Book and stationery stores	--	34.0	34.8	33.4	33.7	--	--	--	--	--
598	Fuel and ice dealers	--	38.7	38.8	41.2	38.7	--	--	--	--	--
--	FINANCE, INSURANCE, AND REAL ESTATE⁷	37.1	37.1	37.0	36.7	37.0	--	--	--	--	--
60	Banking	--	37.1	37.0	36.8	37.0	--	--	--	--	--
61	Credit agencies other than banks	--	38.0	37.9	37.4	37.7	--	--	--	--	--
612	Savings and loan associations	--	37.7	37.3	37.1	37.2	--	--	--	--	--
62	Security, commodity brokers & services.	--	37.5	36.8	37.0	37.0	--	--	--	--	--
63	Insurance carriers	--	37.0	36.8	36.7	36.8	--	--	--	--	--
631	Life insurance	--	36.4	36.3	36.3	36.2	--	--	--	--	--
632	Accident and health insurance	--	37.3	37.3	36.8	37.1	--	--	--	--	--
633	Fire, marine, and casualty insurance ..	--	37.5	37.2	37.3	37.4	--	--	--	--	--
--	SERVICES	34.1	33.9	34.2	34.0	34.2	--	--	--	--	--
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	--	33.2	33.0	33.5	34.0	--	--	--	--	--
721	Personal Services: Laundries & dry cleaning plants	--	34.7	35.4	35.0	35.2	--	--	--	--	--
722	Photographic studios	--	34.9	37.1	35.4	36.2	--	--	--	--	--
781	Motion pictures: Motion picture filming & distributing ..	--	37.5	37.8	39.1	37.6	--	--	--	--	--
806	Hospitals	--	34.4	34.4	34.1	34.3	--	--	--	--	--

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 1968, such employees made up 32 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 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.⁵ Data relate to nonsupervisory employees except messengers. Annual average based on 9-month average.⁶ Money payments only; tips, not included.⁷ Data for nonoffice salesmen excluded from all series in this division.⁸ Not available.⁹ 11-month average.^p preliminary.

**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	1971											1970	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
EXECUTIVE BRANCH													
Total employment	2,615.7	2,619.5	2,626.9	2,649.8	2,647.6	2,634.5	2,620.7	2,622.9	2,610.8	2,608.4	2,602.2	2,656.6	2,611.1
Average weekly hours	39.4	r40.0	39.5	39.4	39.6	39.2	39.2	39.2	39.3	39.5	39.3	42.9	39.7
Average overtime hours . . . . .	.8	.9	.9	.8	.8	.8	.9	.8	.8	.8	.9	3.8	.9
Indexes (1967=100):													
Average weekly earnings	137.6	r139.9	141.2	139.2	137.2	138.8	139.6	139.0	139.5	139.8	138.8	149.5	134.8
Average hourly earnings	137.6	137.8	140.8	139.2	136.5	139.5	140.3	139.7	139.1	139.5	139.2	137.3	133.8
DEPARTMENT OF DEFENSE													
Total employment	997.2	998.1	998.1	1,001.4	1,001.4	999.7	999.7	1,001.5	1,001.5	998.9	999.9	1,003.8	1,006.8
Average weekly hours	40.1	41.1	40.0	39.8	40.5	39.8	39.9	39.8	40.1	40.1	40.0	40.0	40.2
Average overtime hours . . . . .	.8	.8	.9	.9	.8	.9	.9	.7	.8	.8	.8	.8	.8
Indexes (1967=100):													
Average weekly earnings	142.3	142.8	141.2	138.9	139.7	139.9	141.1	140.7	141.3	141.5	140.1	136.8	135.1
Average hourly earnings	143.1	140.1	142.2	140.6	139.0	141.7	142.5	142.5	142.0	142.2	141.1	137.9	135.4
POSTAL SERVICE													
Total employment	705.8	703.7	705.6	713.7	709.8	714.1	715.7	718.2	718.0	718.7	720.6	776.8	725.0
Average weekly hours	38.5	39.5	39.0	38.6	38.9	38.4	38.5	38.5	38.3	39.2	38.8	51.3	39.5
Average overtime hours	1.0	1.1	.7	.7	.7	.7	.9	.9	.7	.8	1.1	11.4	1.2
Indexes (1967=100):													
Average weekly earnings	140.2	143.8	143.2	141.2	136.4	135.0	135.9	135.6	134.6	137.8	136.1	195.7	136.3
Average hourly earnings	140.5	140.5	141.8	141.2	135.4	135.7	136.3	136.0	135.7	135.7	135.4	147.3	133.2
OTHER AGENCIES													
Total employment	912.7	917.7	923.2	924.7	936.4	920.7	905.3	903.2	892.3	980.8	881.7	876.0	879.3
Average weekly hours	39.2	r39.2	39.1	39.4	39.3	39.1	39.1	39.2	39.2	39.2	39.1	39.1	39.2
Average overtime hours . . . . .	.7	.8	.9	.9	.8	.9	.9	.8	.8	.8	.8	.8	.9
Indexes (1967=100):													
Average weekly earnings	132.3	r136.0	140.4	138.7	137.9	141.4	142.4	141.5	141.5	142.3	141.9	134.4	135.0
Average hourly earnings	130.9	r134.7	139.4	136.6	136.1	140.3	141.3	140.1	140.1	140.8	140.8	133.4	133.7

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.
r= revised

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

Major industry group	Average hourly earnings excluding overtime ¹				
	Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Avg. 1971
MANUFACTURING	\$3.58	\$3.58	\$3.55	\$3.38	\$3.44
DURABLE GOODS	3.82	3.82	3.79	3.61	3.67
Ordnance and accessories	-	3.87	3.84	3.66	3.73
Lumber and wood products	-	3.06	3.04	2.89	3.01
Furniture and fixtures	-	2.88	2.87	2.75	2.81
Stone, clay, and glass products	-	3.58	3.55	3.37	3.47
Primary metal industries	-	4.38	4.34	3.95	4.08
Fabricated metal products	-	3.75	3.73	3.55	3.61
Machinery, except electrical	-	4.02	3.99	3.76	3.87
Electrical equipment and supplies	-	3.51	3.49	3.35	3.41
Transportation equipment	-	4.48	4.45	4.24	4.27
Instruments and related products	-	3.54	3.51	3.38	3.44
Miscellaneous manufacturing industries	-	2.99	2.95	2.86	2.88
NONDURABLE GOODS	3.27	3.26	3.24	3.08	3.14
Food and kindred products	-	3.36	3.35	3.16	3.22
Tobacco manufactures	-	3.29	3.25	2.95	3.08
Textile mill products	-	2.56	2.50	2.44	2.46
Apparel and other textile products	-	2.52	2.50	2.42	2.45
Paper and allied products	-	3.62	3.60	3.39	3.49
Printing and publishing	-	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.95	3.92	3.70	3.80
Petroleum and coal products	-	4.68	4.46	4.26	4.39
Rubber and plastics products, n e c	-	3.39	3.38	3.21	3.28
Leather and leather products	-	2.60	2.58	2.51	2.53

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					
	Jan. 1972 ^p	Dec. 1971	Avg. 1971	Worker with no dependents			Worker with three dependents		
				Jan. 1972 ^p	Dec. 1971	Avg. 1971	Jan. 1972 ^p	Dec. 1971	Avg. 1971
TOTAL PRIVATE:									
Current dollars	\$ 129.92	\$ 130.92	\$ 126.91	\$ 107.04	\$ 106.47	\$ 103.51	\$ 116.18	\$ 115.28	\$ 112.12
1967 dollars	105.45	106.35	104.62	86.88	86.49	85.33	94.30	93.65	92.43
MINING:									
Current dollars	182.74	182.76	171.72	146.26	146.26	137.52	157.89	157.31	148.09
1967 dollars	148.33	148.46	141.57	118.72	118.81	113.37	128.16	127.79	122.09
CONTRACT CONSTRUCTION:									
Current dollars	214.08	216.45	213.36	171.08	172.70	170.28	184.17	185.43	182.85
1967 dollars	173.77	175.83	175.89	138.86	140.29	140.38	149.49	150.63	150.74
MANUFACTURING:									
Current dollars	147.26	150.18	142.44	119.84	120.64	114.97	129.78	130.25	124.24
1967 dollars	119.53	122.00	117.43	97.27	98.00	94.78	105.34	105.81	102.42
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	178.00	179.05	169.24	142.49	143.32	135.56	153.91	154.21	146.02
1967 dollars	144.48	145.45	139.52	115.66	166.43	111.76	124.93	125.27	120.38
WHOLESALE AND RETAIL TRADE:									
Current dollars	103.06	103.31	100.74	86.96	85.96	84.01	94.84	93.45	91.40
1967 dollars	83.65	83.92	83.05	70.58	69.83	69.26	76.98	75.91	95.35
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	125.77	123.58	121.36	103.98	101.05	99.41	112.91	109.49	107.74
1967 dollars	102.09	100.39	100.05	84.40	82.09	81.95	91.65	88.94	88.82
SERVICES:									
Current dollars	104.41	104.65	102.26	87.98	86.97	85.16	95.92	94.52	92.61
1967 dollars	84.75	85.01	84.30	71.41	70.65	70.21	77.86	76.78	76.35
CONSUMER PRICE INDEX (All items, 1967 = 100).....	123.2	123.1	121.3	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	Feb. 1972 ^P	Jan. 1972 ^P	Dec. 1971	Feb. 1971	Avg. 1971
	Man-hours				
TOTAL . . .	101.5	101.3	105.8	99.1	102.9
GOODS-PRODUCING . . .	90.9	90.7	94.6	89.3	93.6
MINING	94.4	95.8	97.5	95.5	95.5
CONTRACT CONSTRUCTION	82.1	84.4	93.5	80.1	98.8
MANUFACTURING	92.4	91.6	94.7	90.7	92.7
DURABLE GOODS	89.5	88.7	91.7	88.0	89.2
Ordnance and accessories	52.4	52.2	53.3	58.3	55.2
Lumber and wood products	94.8	95.7	99.4	88.9	96.4
Furniture and fixtures	103.1	103.8	106.9	94.0	99.3
Stone, clay, and glass products	97.1	96.5	99.6	92.9	99.8
Primary metal industries	87.5	86.1	86.3	92.8	89.6
Fabricated metal products	94.7	93.3	96.7	91.1	93.4
Machinery, except electrical	84.2	82.3	84.1	82.3	81.5
Electrical equipment	90.4	89.8	92.6	86.6	88.6
Transportation equipment	87.3	87.7	93.4	89.6	88.8
Instruments and related products	90.4	89.6	91.4	86.7	88.2
Miscellaneous manufacturing	91.7	88.6	93.7	86.3	92.5
NONDURABLE GOODS	96.6	95.8	99.1	94.8	97.7
Food and kindred products	89.7	91.8	97.4	91.5	98.0
Tobacco manufactures	66.2	68.8	76.6	78.3	78.7
Textile mill products	101.6	100.5	102.3	96.3	98.5
Apparel and other textile products	95.6	92.4	95.2	92.9	95.0
Paper and allied products	98.5	97.7	101.2	96.3	98.3
Printing and publishing	97.1	96.7	99.9	97.9	98.3
Chemicals and allied products	97.9	96.9	98.3	97.9	98.5
Petroleum and coal products	94.5	94.1	99.4	97.3	100.7
Rubber and plastics products, nec	115.0	113.7	116.1	104.4	110.0
Leather and leather products	88.9	86.3	87.9	83.8	85.3
SERVICE-PRODUCING . . .	108.8	108.6	113.5	105.9	109.3
TRANSPORTATION AND PUBLIC UTILITIES	102.8	102.2	104.4	103.6	103.7
WHOLESALE AND RETAIL TRADE	105.5	106.2	115.2	101.9	106.9
WHOLESALE TRADE	107.3	107.1	109.9	104.3	106.8
RETAIL TRADE	104.8	105.9	117.1	101.1	106.9
FINANCE, INSURANCE, AND REAL ESTATE	117.3	117.2	117.4	112.7	116.2
SERVICES	113.7	112.4	114.4	110.2	113.2

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**

1967 = 100

Industry division and group	Feb. 1972 ^p	Jan. 1972 ^p	Dec. 1971	Feb. 1971	Avg. 1971
	Payrolls				
TOTAL	134.2	133.9	138.6	124.0	131.7
GOODS-PRODUCING	121.0	120.8	126.0	112.0	121.1
MINING	126.3	129.4	130.5	120.0	121.3
CONTRACT CONSTRUCTION	119.5	123.0	134.8	108.3	137.3
MANUFACTURING	121.2	112.0	123.6	112.7	116.9
DURABLE GOODS	117.7	116.4	120.1	109.5	112.8
Ordnance and accessories	66.7	65.7	66.7	69.0	66.7
Lumber and wood products	126.7	129.1	133.9	115.0	128.1
Furniture and fixtures	132.1	133.0	137.1	114.7	123.9
Stone, clay, and glass products	129.8	128.3	132.0	116.8	129.5
Primary metal industries	119.7	117.1	116.3	113.7	113.5
Fabricated metal products	123.5	121.5	125.6	112.2	117.3
Machinery, except electrical	110.4	107.6	109.7	100.8	102.1
Electrical equipment	117.6	116.8	120.3	107.2	111.7
Transportation equipment	117.0	117.5	125.6	115.8	114.7
Instruments and related products	115.1	114.5	116.2	105.7	109.3
Miscellaneous manufacturing	119.3	115.6	121.6	108.0	116.5
NONDURABLE GOODS	127.1	126.0	129.6	118.0	123.9
Food and kindred products	119.3	122.1	129.6	115.2	125.5
Tobacco manufactures	98.0	100.6	111.2	104.3	109.3
Textile mill products	133.7	131.1	130.6	118.9	123.1
Apparel and other textile products	120.9	116.5	119.5	113.4	116.6
Paper and allied products	131.2	129.6	134.0	119.9	125.9
Printing and publishing	128.7	128.0	132.8	122.0	125.9
Chemicals and allied products	129.4	127.9	128.8	121.1	125.0
Petroleum and coal products	128.9	127.6	129.3	122.1	128.9
Rubber and plastics products, nec	148.5	146.4	149.3	126.4	136.7
Leather and leather products	115.6	111.6	112.7	112.6	107.0
SERVICE-PRODUCING	145.6	145.1	149.3	134.3	140.8
TRANSPORTATION AND PUBLIC UTILITIES	141.7	140.7	142.3	130.8	134.8
WHOLESALE AND RETAIL TRADE	140.0	140.5	149.6	128.5	136.8
WHOLESALE TRADE	142.4	141.7	144.7	130.1	136.2
RETAIL TRADE	138.8	139.8	152.2	127.6	137.0
FINANCE, INSURANCE, AND REAL ESTATE	153.9	153.8	151.9	141.2	147.6
SERVICES	153.0	151.2	152.8	142.1	147.9

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

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							
	Feb. p	Jan. p	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
TOTAL PRIVATE	37.2	37.0	37.2	37.1	37.0	36.7	36.9	36.9	37.1	36.9	37.0	37.0	37.0
MINING ...	42.7	42.9	42.6	42.3	42.5	41.9	42.0	42.2	42.3	42.4	42.2	42.8	42.6
CONTRACT CONSTRUCTION	37.3	37.4	36.8	39.0	37.6	35.7	37.1	37.1	37.2	36.8	37.1	37.8	36.8
MANUFACTURING	40.4	40.0	40.3	40.1	39.8	39.5	39.8	40.0	40.0	40.0	39.8	39.8	39.8
<i>Overtime hours</i>	3.1	2.9	3.1	3.0	3.0	2.8	2.9	3.0	2.9	3.0	2.9	2.9	2.8
DURABLE GOODS	41.0	40.5	40.9	40.6	40.3	39.7	40.0	40.4	40.6	40.5	40.3	40.4	40.3
<i>Overtime hours</i>	3.0	2.8	3.0	2.9	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.8	2.8
Ordnance and accessories	42.9	41.6	42.0	41.9	41.8	41.7	41.9	41.9	41.6	41.5	41.5	41.9	41.4
Lumber and wood products	40.6	40.8	40.8	40.8	40.7	40.1	40.2	40.5	40.4	39.8	40.1	39.9	39.8
Furniture and fixtures	40.8	40.5	39.9	40.0	39.7	39.4	39.9	40.1	39.9	39.9	39.5	39.7	39.6
Stone, clay, and glass products	42.1	41.8	41.6	41.9	41.8	41.4	41.8	41.8	42.0	41.4	41.1	41.7	41.3
Primary metal industries	41.1	40.4	41.0	40.1	40.1	39.5	38.8	40.6	41.0	41.0	41.0	40.8	40.6
Fabricated metal products	41.1	40.5	40.9	40.4	40.1	39.3	40.2	40.7	40.6	40.7	40.1	40.3	40.4
Machinery, except electrical	41.4	41.0	41.3	41.1	40.8	40.5	40.8	40.7	40.7	40.5	40.0	40.2	40.1
Electrical equipment and supplies	40.4	40.0	40.3	40.1	39.9	39.6	40.0	40.1	39.9	39.9	39.8	39.7	39.7
Transportation equipment	41.2	40.5	41.7	40.5	40.5	38.5	39.9	39.5	41.4	41.1	40.6	41.7	41.5
Instruments and related products	40.3	40.5	40.4	40.2	39.9	39.7	39.8	39.8	39.7	40.0	39.7	39.7	39.7
Miscellaneous manufacturing industries	39.5	39.0	39.2	39.1	38.9	38.7	39.2	39.2	38.7	38.9	38.6	38.8	38.4
NONDURABLE GOODS	39.7	39.4	39.5	39.5	39.3	39.1	39.3	39.3	39.3	39.4	39.2	39.1	39.1
<i>Overtime hours</i>	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.0	3.1	3.0	2.9	2.9	2.9
Food and kindred products	40.0	40.0	40.3	40.0	40.0	40.5	40.5	40.5	40.4	40.5	40.5	40.5	40.7
Tobacco manufactures	33.7	34.7	35.6	35.6	34.7	36.6	37.1	39.6	36.2	38.3	37.5	38.0	36.1
Textile mill products	41.2	41.3	41.0	41.1	40.8	40.4	40.7	40.3	40.8	40.8	40.4	40.3	40.2
Apparel and other textile products	36.2	35.8	35.9	36.2	36.0	35.4	35.7	35.8	35.4	35.5	35.1	35.2	35.0
Paper and allied products	42.8	42.1	42.3	42.3	42.0	41.9	42.4	42.4	42.3	42.1	42.3	41.9	41.8
Printing and publishing	37.6	37.5	37.5	37.6	37.5	37.4	37.5	37.6	37.7	37.7	37.5	37.5	37.4
Chemicals and allied products	41.9	41.7	41.7	41.4	41.5	42.1	41.5	41.4	41.7	41.5	41.7	41.4	41.5
Petroleum and coal products	42.8	42.3	42.7	41.8	42.4	42.9	43.4	42.6	42.3	41.7	41.7	41.9	42.9
Rubber and plastics products, nec	41.0	40.7	40.9	40.6	40.3	40.0	40.1	40.3	40.7	40.4	40.3	40.3	39.9
Leather and leather products	38.9	38.1	37.9	38.3	37.9	37.3	37.6	37.7	37.5	37.8	38.3	37.4	36.9
TRANSPORTATION AND PUBLIC UTILITIES ...	40.5	40.2	40.5	40.4	40.3	40.6	40.5	38.0	40.7	40.0	40.6	40.6	40.6
WHOLESALE AND RETAIL TRADE	35.3	35.1	35.3	35.2	35.2	35.1	35.1	35.3	35.2	35.1	35.2	35.0	35.1
WHOLESALE TRADE	40.0	39.8	40.0	39.9	39.8	39.7	39.7	39.6	39.9	39.8	39.6	39.7	39.7
RETAIL TRADE	33.7	33.7	33.9	33.7	33.8	33.6	33.6	33.8	33.7	33.7	33.7	33.5	33.6
FINANCE, INSURANCE, AND REAL ESTATE ...	37.1	37.1	37.0	36.9	36.9	37.0	37.3	37.1	37.0	37.0	36.9	36.9	36.8
SERVICES	34.3	34.1	34.2	34.1	34.2	34.2	34.3	34.4	34.1	34.1	34.1	34.0	34.2

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED
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									
	Feb. p	Jan. p	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
TOTAL	104.8	104.4	103.9	103.7	103.1	102.7	102.6	102.4	103.1	103.1	102.7	102.5	102.3
GOODS-PRODUCING	94.8	94.6	94.1	94.5	93.3	92.4	92.5	93.2	94.1	94.4	93.7	93.7	93.1
MINING	98.7	99.6	97.4	79.6	79.5	97.7	96.7	94.4	99.0	100.1	99.7	100.9	100.4
CONTRACT CONSTRUCTION	97.6	101.2	96.7	105.5	100.7	94.4	97.1	97.4	98.5	98.3	99.3	100.3	95.1
MANUFACTURING	94.2	93.3	93.5	93.1	92.5	91.9	91.6	92.4	93.1	93.5	92.5	92.4	92.5
DURABLE GOODS	90.9	89.8	90.2	89.5	89.0	87.8	87.7	89.0	90.0	90.2	88.9	88.9	89.3
Ordnance and accessories	52.5	51.5	52.0	53.1	53.5	53.9	54.2	53.6	54.4	56.0	55.4	57.1	58.1
Lumber and wood products	99.0	101.5	100.9	101.5	100.4	97.8	96.9	97.0	95.8	93.6	93.8	93.1	92.7
Furniture and fixtures	105.9	105.4	103.1	102.5	100.7	99.7	98.9	100.7	99.6	98.9	97.1	97.0	96.5
Stone, clay, and glass products	102.6	102.5	100.4	101.5	100.9	99.9	99.9	99.7	100.8	99.9	98.4	98.7	98.1
Primary metal industries	87.7	86.3	86.6	84.9	85.8	84.0	80.3	90.0	93.8	95.3	94.9	93.9	93.0
Fabricated metal products	96.5	94.1	94.6	94.1	93.6	92.2	93.4	94.6	94.1	95.0	93.0	90.4	93.0
Machinery, except electrical	83.4	82.3	83.2	83.0	82.0	81.7	81.2	80.8	80.5	80.6	79.8	80.9	81.4
Electrical equipment	91.7	90.0	90.3	89.7	89.4	88.3	87.9	88.2	88.5	88.9	88.2	87.6	87.9
Transportation equipment	88.2	87.0	89.8	87.8	86.8	84.9	87.8	86.6	90.9	90.8	87.7	90.1	90.5
Instruments and related products	91.6	90.3	90.1	90.3	89.6	88.8	87.7	88.0	87.5	87.8	86.5	86.5	87.5
Miscellaneous manufacturing	97.1	94.7	93.7	92.0	92.1	92.5	93.4	93.4	92.2	92.7	91.7	91.9	91.5
NONDURABLE GOODS	98.9	98.4	98.3	98.4	97.5	97.7	97.3	97.4	97.7	98.3	97.8	97.4	97.3
Food and kindred products	96.9	97.6	97.5	97.0	95.2	98.8	98.3	99.1	98.0	98.8	98.5	98.8	99.4
Tobacco manufactures	69.8	70.7	71.2	72.5	68.2	74.5	73.0	77.9	81.4	87.4	86.9	85.4	83.7
Textile mill products	102.5	102.5	100.9	100.6	99.2	97.9	98.5	97.5	98.4	99.2	97.6	97.3	97.3
Apparel and other textile products	96.3	94.8	95.5	97.3	96.4	94.5	94.6	94.7	94.4	95.9	94.7	94.6	93.4
Paper and allied products	100.4	98.9	99.4	99.6	99.2	99.2	97.9	97.0	97.7	97.0	99.0	97.9	98.2
Printing and publishing	98.2	98.1	97.7	97.9	97.9	97.4	97.2	97.9	99.1	99.1	98.4	98.7	98.9
Chemicals and allied products	98.7	98.3	98.3	97.7	98.0	99.5	97.3	97.9	99.1	99.1	98.9	98.1	98.8
Petroleum and coal products	100.6	98.6	103.0	99.1	100.6	101.7	102.0	100.2	99.5	98.9	98.9	99.4	103.5
Rubber and plastics products, nec	115.8	114.7	114.3	113.2	112.9	111.5	109.1	110.4	111.3	110.2	108.7	108.0	105.2
Leather and leather products	88.6	86.1	85.3	86.2	85.0	84.0	85.6	84.2	85.7	86.8	87.6	84.5	83.7
SERVICE-PRODUCING	111.8	111.1	110.8	110.0	109.9	109.8	109.6	108.7	109.4	109.1	109.0	108.6	108.7
TRANSPORTATION AND PUBLIC UTILITIES	105.0	104.6	104.0	102.7	102.9	104.2	103.3	97.6	105.5	104.1	105.4	105.7	105.8
WHOLESALE AND RETAIL TRADE	109.5	108.8	108.5	107.9	107.8	107.3	107.0	107.0	106.8	106.9	106.4	105.8	105.8
WHOLESALE TRADE	109.5	108.4	108.3	107.7	107.3	106.8	106.4	105.7	106.6	107.4	106.5	106.8	106.4
RETAIL TRADE	109.5	109.0	108.5	107.8	108.0	107.5	107.2	107.4	106.8	106.8	106.4	105.5	105.6
FINANCE, INSURANCE, AND REAL ESTATE	118.8	118.6	117.9	117.5	117.0	117.0	117.1	116.7	116.7	116.1	115.1	114.6	114.2
SERVICES	116.1	115.1	115.0	114.2	114.0	113.7	113.8	114.0	112.7	112.4	112.3	111.8	112.4

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		
	February 1972 _p	January 1972 _p	December 1971	January 1972 to February 1972	December 1971 to January 1972	February 1971 to February 1972
	TOTAL - ALL INDUSTRIES	140,443	139,610	139,174	7.4	3.8	2.8
TOTAL - PRIVATE	113,679	113,004	112,665	7.4	3.7	2.2
MINING	1,361	1,372	1,345	-9.2	26.9	-1.2
CONTRACT CONSTRUCTION	6,277	6,453	6,210	-28.2	58.5	2.6
MANUFACTURING	38,867	38,552	38,669	10.3	-3.6	0.8
TRANSPORTATION AND PUBLIC UTILITIES	9,475	9,430	9,403	5.9	3.5	-0.1
WHOLESALE AND RETAIL TRADE	28,477	28,201	28,112	12.4	3.9	3.6
FINANCE, INSURANCE, AND REAL ESTATE	7,489	7,478	7,427	1.8	8.6	4.4
SERVICES	21,733	21,518	21,499	12.7	1.1	3.5
GOVERNMENT	26,764	26,606	26,509	7.4	4.5	5.2

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 22, 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.

**OUTPUT PER MAN-HOUR
SEASONALLY ADJUSTED**

**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
1968: 1st quarter	102.6	102.8	100.8	100.9	101.8	101.9	104.4	104.6	102.0	102.2	102.5	102.6	101.5	101.3	102.1	102.1
2d quarter	104.6	104.9	101.8	102.0	102.7	102.9	106.3	106.1	102.7	102.5	103.5	103.1	102.5	102.7	103.1	103.0
3d quarter	105.6	105.9	102.2	102.7	103.3	103.2	108.6	108.0	103.6	103.1	105.1	104.7	102.2	102.6	104.0	103.9
4th quarter	106.3	106.6	102.5	103.0	103.7	103.5	110.9	110.3	104.6	104.1	106.9	106.6	102.2	102.4	105.1	105.0
Annual average	104.8	105.1	101.8	102.1	102.9	102.9	107.6	107.3	103.2	102.9	104.6	104.3	102.0	102.3	103.6	103.5
1969: 1st quarter	107.1	107.2	103.4	104.0	103.6	103.1	112.6	111.9	104.9	104.3	108.7	108.6	102.5	102.4	106.3	106.3
2d quarter	107.5	107.9	104.2	104.9	103.1	102.8	114.4	113.7	104.8	104.2	110.9	110.6	102.6	102.2	107.7	107.4
3d quarter	108.0	108.3	104.5	105.4	103.4	102.7	116.6	115.5	105.4	104.4	112.8	112.5	102.9	102.8	109.0	108.8
4th quarter	107.6	107.8	104.0	105.2	103.4	102.4	118.9	117.5	105.9	104.7	115.0	114.7	102.6	102.2	110.2	110.0
Annual average	107.5	107.8	104.0	104.9	103.4	102.7	115.6	114.7	105.3	104.5	111.9	111.6	102.6	102.3	108.3	108.1
1970: 1st quarter	106.7	107.1	103.7	104.9	103.0	102.1	121.1	119.7	106.3	105.0	117.7	117.2	102.1	101.3	111.6	111.2
2d quarter	106.9	107.2	103.1	104.0	103.7	103.1	122.5	121.5	105.9	105.0	118.1	117.8	104.4	104.0	112.8	112.6
3d quarter	107.3	107.7	102.0	103.1	105.3	104.6	125.3	124.1	107.1	106.0	119.0	118.7	106.4	106.6	114.1	114.1
4th quarter	106.1	106.2	100.8	102.0	105.3	104.1	127.2	125.7	107.2	106.0	120.7	120.8	108.1	108.8	115.9	116.2
Annual average	106.8	107.1	102.4	103.5	104.3	103.5	124.0	122.7	106.6	105.5	118.9	118.6	105.3	105.2	113.6	113.5
1971: 1st quarter	108.3	108.5	101.3	102.5	106.9	105.8	129.8	128.4	108.6	107.4	121.4	121.3	110.4	110.9	117.1	117.4
2d quarter	109.3	109.5	101.7	102.8	107.4	106.5	131.7	130.4	109.0	108.0	122.6	122.4	111.7	112.2	118.4	118.6
3d quarter	110.0	110.0	101.4	102.6	108.5	107.1	133.7	132.2	109.6	108.3	123.3	123.4	112.6	112.8	119.1	119.4
4th quarter	111.7	111.9	102.1	103.2	109.4	108.4	135.2	133.8	110.2	109.1	123.6	123.5	113.0	112.6	119.5	119.4
Annual average	109.8	110.0	101.7	102.8	108.1	107.0	132.6	131.2	109.3	108.1	122.7	122.7	111.9	112.1	118.5	118.7
Percent change over previous quarter at annual rate ⁴																
1968: 1st quarter	5.6	6.1	0.9	1.4	4.6	4.7	9.3	9.9	4.9	5.5	4.5	4.9	1.5	0.5	3.3	3.3
2d quarter	7.7	8.6	3.9	4.3	3.7	4.1	7.6	6.2	2.7	1.3	3.8	2.0	3.7	5.7	3.7	3.4
3d quarter	4.2	3.8	1.9	2.7	2.2	1.0	8.9	7.4	3.6	2.2	6.6	6.3	-1.1	-0.4	3.6	3.7
4th quarter	2.7	2.4	1.1	1.2	1.5	1.3	8.8	8.8	3.9	4.0	7.1	7.5	0.2	-0.9	4.4	4.3
1969: 1st quarter	3.0	2.5	3.4	4.2	-0.4	-1.7	6.4	5.8	1.4	-0.8	6.8	7.7	1.0	0.0	4.6	4.7
2d quarter	1.4	2.4	3.3	3.6	-1.8	-1.1	6.5	6.4	-0.4	-0.5	8.4	7.6	0.4	-0.9	5.4	4.4
3d quarter	1.8	1.6	0.9	1.9	0.9	-0.3	7.9	6.7	2.0	0.9	7.0	7.1	1.3	2.4	4.8	5.3
4th quarter	-1.5	-1.7	-1.6	-0.7	0.1	-1.0	8.0	7.1	2.2	1.3	7.8	8.2	-1.1	-2.3	4.5	4.4
1970: 1st quarter	-3.0	-2.7	-1.4	-1.2	-1.6	-1.5	7.9	7.5	1.5	1.1	9.7	9.1	-1.9	-3.4	5.4	4.5
2d quarter	0.8	0.6	-2.2	-3.6	3.1	4.3	4.7	6.3	-1.7	-0.2	1.6	1.9	9.0	11.2	4.2	5.1
3d quarter	1.5	2.0	-4.3	-3.5	6.1	5.6	9.4	8.7	4.6	4.0	3.1	2.9	8.2	10.4	4.9	5.5
4th quarter	-4.4	-5.6	-4.5	-4.0	0.2	-1.6	6.1	5.5	0.7	0.1	6.0	7.2	6.6	8.2	6.2	7.6
1971: 1st quarter	8.5	8.8	2.1	2.1	6.2	6.6	8.5	8.6	5.1	5.2	2.1	1.9	8.7	8.1	4.4	4.1
2d quarter	3.6	3.7	1.7	1.0	1.9	2.7	6.2	6.6	1.7	2.1	4.1	3.8	4.6	4.6	4.3	4.1
3d quarter	2.7	1.8	-1.2	-0.5	4.0	2.3	6.2	5.4	2.1	1.3	2.2	3.0	3.3	2.4	2.5	2.8
4th quarter	6.3	7.2	2.3	2.4	3.4	4.8	4.4	5.2	2.1	2.9	1.0	0.5	1.4	-0.9	1.2	-0.1
Percent change over previous year ⁵																
Year ending -																
1970: 1st quarter	-0.3	-0.1	0.3	0.9	-0.6	-1.0	7.6	6.9	1.3	0.7	8.2	8.0	-0.3	-1.1	5.0	4.7
2d quarter	-0.5	-0.6	-1.1	-0.9	0.6	0.4	7.1	6.9	1.0	0.8	6.5	6.5	1.7	1.8	4.7	4.8
3d quarter	-0.6	-0.5	-2.4	-2.3	1.9	1.8	7.5	7.4	1.6	1.5	5.5	5.5	3.4	3.7	4.7	4.9
4th quarter	-1.3	-1.5	-3.1	-3.1	1.9	1.7	7.0	7.0	1.2	1.2	5.0	5.2	5.4	6.4	5.2	5.7
1971: 1st quarter	1.5	1.3	-2.3	-2.3	3.8	3.7	7.1	7.3	2.1	2.2	3.2	3.5	8.1	9.5	4.9	5.5
2d quarter	2.2	2.1	-1.3	-1.2	3.6	3.3	7.5	7.3	3.0	2.8	3.8	3.9	7.0	7.8	5.0	5.3
3d quarter	2.5	2.0	-0.5	-0.4	3.0	2.5	6.7	6.5	2.4	2.2	3.6	4.0	5.8	5.8	4.4	4.6
4th quarter	5.2	5.3	1.3	1.2	3.9	4.1	6.3	6.5	2.7	2.9	2.3	2.3	4.5	3.5	3.1	2.7

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

Source: Output data from the Office of Business Economic, 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 22. Output Per Man-Hour Measures, Private Economy.

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

C-11: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period ¹ ending in--								
	1971				1970				1969
	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.	Dec.
Average hourly compensation:									
All persons, total private economy	6.3	6.7	7.5	7.1	7.0	7.5	7.1	7.6	7.2
All employees, private nonfarm economy	6.2	6.6	7.5	7.4	7.0	7.3	6.8	6.9	6.4
Average hourly earnings, private nonfarm economy²:									
Mining	2.2	6.5	6.2	5.9	6.6	6.5	6.7	6.9	7.8
Contract construction	8.3	8.6	9.4	9.1	9.1	9.8	9.1	10.5	10.0
Manufacturing	6.5	5.6	6.4	6.4	4.4	5.6	5.6	5.6	6.0
Transportation and public utilities	9.8	9.4	8.7	8.9	6.7	6.1	5.5	5.7	6.1
Wholesale and retail trade	5.4	5.7	6.2	5.9	5.5	6.2	6.3	6.7	6.8
Finance, insurance, and real estate	5.8	7.2	7.8	6.1	5.5	5.2	4.6	5.1	5.3
Services	5.1	5.9	7.2	7.7	8.0	8.0	7.1	7.3	6.8
Average hourly earnings, private nonfarm economy,² adjusted for overtime (in manufacturing only) and interindustry employment shifts									
Mining	6.4	6.8	7.4	7.3	6.6	6.9	6.5	6.6	6.7
Contract construction	4.6	6.4	5.7	5.0	5.6	5.8	5.9	6.5	7.2
Manufacturing	8.2	8.4	9.3	9.1	9.1	9.9	9.1	10.2	9.9
Transportation and public utilities	6.2	6.4	6.9	7.1	6.3	6.6	6.4	6.0	6.0
Wholesale and retail trade	9.9	9.1	9.1	9.0	6.6	6.2	5.5	5.9	5.9
Finance, insurance, and real estate	5.8	6.1	6.5	5.9	5.6	6.1	6.1	6.5	6.8
Services	5.5	6.9	7.6	6.4	6.2	6.3	5.8	5.7	5.9
Services	5.0	6.3	7.7	7.8	7.7	7.6	6.6	6.9	6.9
Average hourly earnings, all Federal executive branch employees³									
	(*)	7.2	8.6	13.9	10.5	10.4	14.8	9.8	9.6
Average union scales, 7 building trades:									
Wages and selected benefits	10.8	11.7	12.1	13.5	12.9	12.8	12.9	10.3	10.7
Hourly wage rates	10.1	10.9	11.3	12.3	11.8	11.7	11.9	9.2	9.5
Wage rates, hired farm labor	3.5	5.9	4.8	5.5	5.6	6.3	5.1	5.2	6.6
Average weekly earnings, private nonfarm economy:²									
Current dollars	6.7	5.7	6.2	5.2	4.0	4.3	4.2	5.4	6.3
1967 dollars	3.1	1.3	1.7	.3	-1.6	-1.3	-1.8	-.7	.4
Real spendable earnings (worker and 3 dependents, 1967 dollars)	3.9	2.3	2.6	1.3	-1.2	-1.0	-1.4	-.5	-.8

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.

NOTE: See technical description at end of table C-15.

C-12: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1971				1970				1969
	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.	Dec.
Average hourly compensation:									
All persons, total private economy	4.4	6.2 ^r	6.2	8.5	6.1	9.4	4.7	7.9	8.0
All employees, private nonfarm economy	4.4	5.5 ^r	6.4 ^r	8.7	5.9	8.9	6.3	7.2	6.9
Average hourly earnings, private nonfarm economy¹:									
Mining	5.1	5.2	6.9	7.5	5.0	7.3	5.6	4.3	7.1
Contract construction	-8.5	7.1	6.5	4.5	7.8	6.1	5.4	7.0	7.6
Manufacturing	6.9	8.3	9.5	8.6	8.0	11.6	8.1	8.6	10.9
Transportation and public utilities	4.1	4.2	5.8	11.8	.8	7.4	5.8	3.7	5.5
Wholesale and retail trade	9.7	11.8	4.6	13.0	8.5	8.7	5.4	4.4	6.0
Finance, insurance, and real estate	3.7	5.2	6.3	6.4	5.0	7.1	5.1	4.6	8.0
Services	1.6	4.6	9.5	7.9	7.1	6.8	2.7	5.5	6.0
Services	5.0	2.7	5.6	7.1	8.2	7.9	7.5	8.2	8.4
Average hourly earnings, private nonfarm economy,¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts									
Mining	4.4	6.0	7.1	8.3	5.9	8.3	6.6	5.7	7.1
Contract construction	-8	7.9	7.0	4.7	5.9	5.1	4.4	6.7	6.8
Manufacturing	6.7	8.1	9.6	8.3	7.6	11.8	8.8	8.1	10.9
Transportation and public utilities	3.8	5.9	6.3	8.9	4.7	7.6	7.2	5.5	6.0
Wholesale and retail trade	9.7	9.4	6.4	14.0	6.6	9.4	6.0	4.7	4.9
Finance, insurance, and real estate	3.7	5.7	7.3	6.6	5.0	7.0	4.9	5.4	7.3
Services	1.6	3.8	9.5	7.2	7.0	6.8	4.8	6.3	7.5
Services	4.0	2.5	6.3	7.4	9.1	8.0	6.7	7.0	8.8
Average hourly earnings, all Federal executive branch employees²									
	(*)	-2.8	1.6	3.5	3.8	2.6	5.3	1.7	3.7
Average union scales, 7 building trades:									
Wages and selected benefits	8.5	7.8	18.5	8.7	12.2	9.5	24.6	6.4	11.6
Hourly wage rates	6.8	7.0	17.9	9.0	10.2	8.4	22.1	6.9	10.0
Wage rates, hired farm labor	-6.5	17.2	2.3	2.4	2.4	12.7	5.0	2.5	5.1
Average weekly earnings, private nonfarm economy:¹									
Current dollars	8.2	3.3	7.3	7.9	4.3	5.4	3.4	2.9	5.6
1967 dollars	5.8	-.5	3.1	4.0	-1.1	1.0	-2.5	-3.7	-.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.9	-.9	2.3	9.6	-1.5	.4	-2.9	-.7	-.8

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.

^r revised

NOTE: See technical description at end of table C-15.

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

100

C-13: Twelve-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1972		1971										
	Feb. ^P	Jan. ^P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Average hourly earnings, private nonfarm economy ²	5.7	6.3	6.3	5.8	6.4	6.1	6.1	6.2	6.5	6.9	6.6	6.3	6.3
Mining	6.8	8.3	7.8	-1.3	(4)	6.7	6.7	6.0	5.7	6.3	6.6	5.8	6.1
Contract construction	7.6	8.0	8.7	7.9	8.3	9.0	8.0	8.7	9.4	10.3	8.5	9.0	9.5
Manufacturing	5.7	5.7	6.4	6.2	6.8	5.3	5.6	5.9	6.3	6.3	6.6	6.3	6.7
Transportation and public utilities	9.3	10.1	10.5	9.3	9.4	10.0	9.0	9.3	8.1	8.7	9.3	9.0	9.1
Wholesale and retail trade	5.3	5.7	5.8	5.1	5.4	5.5	5.8	5.9	6.3	6.3	6.0	6.0	5.6
Finance, insurance, and real estate	5.0	6.6	6.3	5.1	6.1	6.8	7.4	7.5	7.9	8.2	7.3	6.3	6.3
Services	4.4	5.1	5.2	4.8	5.2	5.2	6.0	6.4	6.8	7.6	7.2	7.3	7.7
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	5.9	6.6	6.8	6.0	6.5	6.6	6.8	7.0	7.2	7.6	7.4	7.1	7.4
Mining	6.9	8.2	7.7	2.9	3.2	6.7	6.7	5.7	5.6	5.9	5.6	4.9	5.2
Contract construction	7.4	8.1	8.2	8.0	8.4	8.6	8.0	8.6	9.1	10.0	8.9	9.0	9.4
Manufacturing	5.9	6.4	6.4	5.8	6.4	6.1	6.5	6.6	6.8	6.8	7.1	7.0	7.2
Transportation and public utilities	8.9	9.9	11.0	9.2	9.4	9.8	8.9	8.5	8.4	9.1	9.6	9.1	9.3
Wholesale and retail trade	5.3	5.8	6.4	5.3	5.7	5.8	6.0	6.5	6.6	6.6	6.2	5.7	5.7
Finance, insurance, and real estate	4.6	6.1	5.9	4.9	5.7	6.4	7.0	7.1	7.4	8.2	7.2	6.5	6.6
Services	4.3	4.9	5.1	4.7	5.3	5.5	6.6	6.8	7.3	8.3	7.5	7.2	7.8
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	(*)	2.8	4.1	6.7	7.5	7.2	8.2	8.2	9.5	13.8	14.2
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.2	6.6	6.9	6.4	6.7	6.1	5.6	5.3	6.3	6.3	6.0	5.5	5.2
1967 dollars	(*)	3.1	3.4	2.8	3.0	2.1	1.1	.9	1.7	1.8	1.6	.8	.4
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	3.9	4.3	3.7	3.8	3.0	2.0	1.9	2.6	2.7	2.6	1.8	1.4

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-15.

C-14: Six-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1972		1971										
	Feb. ^P	Jan. ^P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Average hourly earnings, private nonfarm economy ²	4.7	6.5	5.9	4.1	5.4	5.4	6.7	6.1	6.8	7.4	7.5	6.9	5.6
Mining	5.9	11.1	11.2	-7.3	-6.3	7.1	7.7	5.6	4.6	5.1	6.8	6.3	5.8
Contract construction	6.3	7.5	7.1	6.8	8.8	9.2	8.9	8.6	10.2	9.0	7.9	8.8	7.2
Manufacturing	6.8	5.7	6.3	2.8	3.4	4.6	4.6	5.8	6.5	9.7	10.3	5.9	6.6
Transportation and public utilities	11.1	12.2	13.4	9.9	8.9	9.0	7.5	8.0	7.6	8.8	9.9	11.1	10.5
Wholesale and retail trade	4.2	5.6	4.9	3.5	5.0	5.0	6.5	5.8	6.6	6.6	5.9	5.9	5.2
Finance, insurance, and real estate	3.0	4.9	4.3	.6	4.4	5.7	7.0	8.4	8.4	9.8	7.8	7.9	7.9
Services	4.7	6.8	5.4	2.7	3.4	4.8	4.1	3.4	4.9	7.0	7.1	5.7	7.9
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	5.1	6.7	6.6	3.8	5.3	6.4	6.8	6.4	7.1	8.3	7.7	6.8	6.9
Mining	5.4	11.0	10.0	-.2	.6	8.4	8.4	5.4	5.4	6.1	5.8	5.0	5.0
Contract construction	5.9	7.6	6.8	6.9	8.6	8.9	9.0	8.7	9.6	9.2	8.2	8.4	7.0
Manufacturing	5.5	6.6	6.4	3.4	4.7	5.7	6.3	6.2	6.3	8.3	8.2	6.5	6.8
Transportation and public utilities	10.2	13.0	12.2	7.6	8.9	9.3	7.5	6.9	9.9	10.8	9.9	10.4	10.2
Wholesale and retail trade	3.5	5.4	5.9	3.4	4.8	6.0	7.2	6.2	6.9	7.3	6.6	5.7	4.9
Finance, insurance, and real estate	2.1	4.9	3.6	.9	3.7	5.5	7.2	7.2	8.2	9.0	7.9	7.4	6.9
Services	4.0	6.4	4.6	1.4	3.7	5.2	4.6	3.4	5.6	8.1	6.9	5.8	8.6
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	(*)	-3.8	-2.7	2.5	-.4	-3.8	1.6	4.9	5.5	5.5	7.7
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.4	7.1	6.5	5.3	5.4	3.7	6.1	6.1	7.3	7.4	8.1	8.6	5.0
1967 dollars	(*)	4.1	3.7	2.4	1.7	-.2	1.9	2.1	3.2	3.2	4.3	4.4	.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	6.4	3.0	1.8	1.1	-.6	1.3	1.5	5.5	5.6	6.6	6.7	2.8

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-15.

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

C-15: Average hourly or weekly compensation, seasonally adjusted

Measure	1972		1971										
	1st quarter		4th quarter			3d quarter			2d quarter		1st quarter		
	Feb. ^P	Jan. ^P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Levels													
Average hourly earnings, private nonfarm economy ¹	\$ 3.54	\$ 3.54	\$ 3.52	\$ 3.48	\$ 3.48	\$ 3.46	\$ 3.46	\$ 3.43	\$ 3.42	\$ 3.41	\$ 3.39	\$ 3.37	\$ 3.35
Mining	4.25	4.29	4.27	3.90	3.91	4.15	4.13	4.07	4.05	4.05	4.04	4.01	3.98
Contract construction	5.96	5.93	5.90	5.86	5.84	5.81	5.78	5.72	5.70	5.67	5.60	5.56	5.54
Manufacturing	3.71	3.68	3.68	3.60	3.60	3.60	3.59	3.58	3.57	3.55	3.54	3.52	3.51
Transportation and public utilities	4.47	4.47	4.42	4.33	4.30	4.29	4.24	4.22	4.15	4.13	4.12	4.11	4.09
Wholesale and retail trade	2.96	2.96	2.94	2.91	2.91	2.90	2.90	2.88	2.87	2.86	2.84	2.83	2.81
Finance, insurance, and real estate	3.37	3.38	3.35	3.30	3.32	3.31	3.32	3.30	3.28	3.29	3.25	3.22	3.21
Services	3.07	3.08	3.06	3.03	3.02	3.02	3.00	2.98	2.98	2.99	2.97	2.95	2.94
Wage rates, hired farm labor (quarterly data)	-	1.77	-	-	1.80	-	-	1.73	-	-	1.72	-	-
Average weekly earnings, private nonfarm economy: ¹													
Current dollars	131.69	130.98	130.94	129.11	128.76	126.98	127.67	126.57	126.88	125.83	125.43	124.69	123.95
1967 dollars	(*)	106.18	106.43	105.34	105.24	103.92	104.60	104.05	104.51	104.12	104.37	104.04	103.62
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	94.85	93.71	92.89	92.82	91.80	92.35	91.95	92.33	92.06	92.32	92.09	91.77
Indexes, 1967=100													
Average hourly compensation (quarterly data):													
All persons, total private economy	(*)	-	-	†135.2	-	-	133.7	-	-	131.7	-	-	129.8
All employees, private nonfarm economy	(*)	-	-	†133.8	-	-	†132.4	-	-	†130.6	-	-	†128.6
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts	134.2	134.3	133.5	131.6	131.4	131.3	130.9	130.0	129.3	129.1	128.1	127.3	126.7
Mining	132.6	133.6	132.8	126.2	125.9	129.6	129.2	126.8	126.6	126.4	125.5	124.5	124.1
Contract construction	144.2	144.0	142.7	142.1	141.6	140.6	140.1	138.8	138.1	137.4	135.9	134.7	134.2
Manufacturing	132.3	132.4	131.6	129.0	129.1	129.1	128.8	128.2	127.5	126.9	126.2	125.5	125.0
Transportation and public utilities	137.7	137.7	136.2	133.4	132.9	132.6	131.1	129.5	128.6	128.6	127.4	126.9	126.5
Wholesale and retail trade	132.0	132.3	131.8	130.1	129.9	129.7	129.7	128.9	128.1	127.9	126.9	126.0	125.3
Finance, insurance, and real estate	129.7	130.4	129.4	127.9	128.1	128.1	128.4	127.3	127.1	127.3	125.8	124.7	124.0
Services	133.6	134.0	133.1	131.9	131.7	131.9	131.0	129.9	130.1	131.0	129.3	128.6	128.1
Average hourly earnings, all Federal executive branch employees ²	(*)	(*)	(*)	137.6	137.8	140.8	139.2	136.5	139.5	140.3	139.7	139.1	139.5
Average union scales, 7 building trades (quarterly data):													
Wages and selected benefits	-	152.8	-	-	149.7	-	-	146.9	-	-	140.8	-	-
Hourly wage rates	-	146.4	-	-	144.0	-	-	141.6	-	-	135.9	-	-

¹ Production and nonsupervisory workers.

² Not seasonally adjusted.

* Not available.

^P preliminary. † revised.

Technical description covering tables C-11 through C-15

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-16: 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		
	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971
ALABAMA	(*)	\$131.24	\$118.99	(*)	42.2	40.2	(*)	\$3.11	\$2.96
Birmingham ¹	\$149.95	157.03	139.90	40.2	42.1	40.2	\$3.73	3.73	3.48
Mobile	153.82	154.93	139.18	41.8	42.1	41.3	3.68	3.68	3.37
ALASKA	(*)	212.30	210.68	(*)	38.6	38.8	(*)	5.50	5.43
ARIZONA	150.72	151.47	140.85	40.3	40.5	39.9	3.74	3.74	3.53
Phoenix	151.12	153.44	144.11	40.3	40.7	39.7	3.75	3.77	3.63
Tucson	156.79	154.80	139.12	40.1	40.0	39.3	3.91	3.87	3.54
ARKANSAS ¹	109.60	109.34	102.54	40.0	40.2	39.9	2.74	2.72	2.57
Fort Smith ¹	105.06	106.53	97.51	39.2	40.2	39.8	2.68	2.65	2.45
Little Rock-North Little Rock ¹	114.84	116.80	108.65	39.6	40.0	39.8	2.90	2.92	2.73
Pine Bluff ¹	139.44	139.52	132.03	42.0	41.4	40.5	3.32	3.37	3.26
CALIFORNIA	163.55	164.40	154.84	39.6	40.0	39.2	4.13	4.11	3.95
Anaheim-Santa Ana-Garden Grove	162.79	163.18	153.60	40.8	41.0	40.0	3.99	3.98	3.84
Bakersfield	166.04	164.41	156.41	40.3	40.1	39.9	4.12	4.10	3.92
Fresno	143.93	143.50	131.86	38.9	39.1	38.0	3.70	3.67	3.47
Los Angeles-Long Beach	158.00	159.96	150.51	40.0	40.6	39.4	3.95	3.94	3.82
Modesto	144.40	144.26	129.56	38.1	39.2	36.6	3.79	3.68	3.54
Oxnard-Simi Valley-Ventura	147.78	147.39	133.84	39.2	39.2	37.7	3.77	3.76	3.55
Riverside-San Bernardino-Ontario	158.80	158.00	150.51	39.6	39.5	39.4	4.01	4.00	3.82
Sacramento	170.17	170.31	158.15	37.9	38.1	37.3	4.49	4.47	4.24
Salinas-Seaside-Monterey	142.74	145.08	138.65	36.6	39.0	38.3	3.90	3.72	3.62
San Diego	158.79	162.11	167.09	37.1	37.7	39.5	4.28	4.30	4.23
San Francisco-Oakland	186.72	187.94	169.79	38.9	39.4	38.5	4.80	4.77	4.41
San Jose	173.01	177.39	164.72	39.5	40.5	39.5	4.38	4.38	4.17
Santa Barbara-Santa Maria-Lompoc	152.05	151.32	142.03	38.3	38.8	38.7	3.97	3.90	3.67
Santa Rosa	153.14	155.61	140.61	38.0	39.0	37.9	4.03	3.99	3.71
Stockton	176.14	174.07	159.49	40.4	40.2	38.9	4.36	4.33	4.10
Vallejo-Fairfield-Napa	162.18	161.48	143.19	38.8	39.1	37.0	4.18	4.13	3.87
COLORADO	155.99	155.57	142.16	40.1	40.2	39.6	3.89	3.87	3.59
Denver	160.00	163.60	148.10	40.1	40.9	39.6	3.99	4.00	3.74
CONNECTICUT	(*)	152.81	141.91	(*)	41.3	40.2	(*)	3.70	3.53
Bridgeport	(*)	156.87	142.04	(*)	41.5	39.9	(*)	3.78	3.56
Hartford	(*)	161.80	154.54	(*)	41.7	41.1	(*)	3.88	3.76
New Britain	154.63	156.91	137.97	40.8	41.4	39.1	3.79	3.79	3.53
New Haven	150.63	152.48	139.55	40.6	41.1	39.2	3.71	3.71	3.56
Stamford	159.96	163.14	150.63	40.6	41.3	40.6	3.94	3.95	3.71
Waterbury	142.90	138.99	136.45	41.3	41.0	41.1	3.46	3.39	3.32
DELAWARE	157.14	163.83	149.51	40.5	41.9	40.3	3.88	3.91	3.71
Wilmington	161.99	178.87	164.02	39.8	41.5	40.4	4.07	4.31	4.06
DISTRICT OF COLUMBIA:									
Washington SMSA	(*)	171.94	149.76	(*)	39.8	38.4	(*)	4.32	3.90
FLORIDA	(*)	130.10	124.20	(*)	41.7	41.4	(*)	3.12	3.00
Fort Lauderdale-Hollywood	(*)	142.74	132.92	(*)	40.9	40.9	(*)	3.49	3.25
Jacksonville	(*)	158.15	136.42	(*)	44.3	42.5	(*)	3.57	3.21
Miami	(*)	118.38	117.32	(*)	39.2	39.5	(*)	3.02	2.97
Orlando	(*)	125.33	119.68	(*)	41.5	41.7	(*)	3.02	2.87
Pensacola	(*)	162.38	136.54	(*)	43.3	38.9	(*)	3.75	3.51
Tampa-St. Petersburg	(*)	134.51	129.37	(*)	42.3	41.2	(*)	3.18	3.14
West Palm Beach	(*)	169.05	148.18	(*)	46.7	47.8	(*)	3.62	3.10
GEORGIA ¹	119.29	121.25	109.81	40.3	41.1	39.5	2.96	2.95	2.78
Atlanta ¹	150.05	154.88	138.60	39.8	41.3	39.6	3.77	3.75	3.50
Savannah ¹	150.52	151.32	141.44	42.4	41.8	41.6	3.55	3.62	3.40

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: 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		
	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971	Jan. 1972 P	Dec. 1971	Jan. 1971
HAWAII	\$136.44	\$144.80	\$124.07	37.9	40.0	36.6	\$3.60	\$3.62	\$3.39
Honolulu	134.23	145.84	121.38	37.6	40.4	35.7	3.57	3.61	3.40
IDAHO	138.96	142.92	124.54	38.6	39.7	37.4	3.60	3.60	3.33
ILLINOIS	164.65	165.82	150.28	39.9	40.7	39.6	4.13	4.07	3.80
Chicago	(*)	166.45	151.20	(*)	40.5	39.3	(*)	4.10	3.85
Davenport-Rock Island-Moline	(*)	188.80	150.05	(*)	39.8	36.0	(*)	4.75	4.17
Peoria	(*)	197.73	169.23	(*)	40.8	40.0	(*)	4.84	4.23
Rockford	(*)	168.13	143.75	(*)	42.5	40.2	(*)	3.95	3.58
INDIANA	170.05	171.75	154.81	40.2	40.7	39.9	4.23	4.22	3.88
Indianapolis	(*)	177.66	154.83	(*)	41.9	39.7	(*)	4.24	3.90
IOWA	167.65	168.90	156.79	40.3	40.6	40.1	4.16	4.16	3.91
Cedar Rapids	168.51	174.72	163.07	41.0	41.9	41.6	4.11	4.17	3.92
Des Moines	175.16	173.17	162.78	39.9	39.9	39.8	4.39	4.34	4.09
Dubuque	193.94	193.26	181.24	39.1	39.2	39.4	4.96	4.93	4.60
Sioux City	152.56	162.86	154.66	40.9	43.2	43.2	3.73	3.77	3.58
Waterloo	196.39	194.75	160.79	41.0	41.0	39.7	4.79	4.75	4.05
KANSAS	149.22	150.74	146.70	40.7	41.3	41.4	3.67	3.65	3.54
Topeka	164.54	171.56	155.86	40.6	42.0	42.0	4.05	4.09	3.71
Wichita	163.27	162.36	156.57	42.9	43.0	42.6	3.81	3.78	3.67
KENTUCKY	143.32	143.82	128.82	39.7	40.4	38.8	3.61	3.56	3.32
Louisville ¹	163.55	171.81	146.67	39.6	41.5	38.7	4.13	4.14	3.79
LOUISIANA ¹	148.61	146.51	140.42	42.1	42.1	41.3	3.53	3.48	3.40
Baton Rouge	(*)	174.99	160.74	(*)	40.6	40.9	(*)	4.31	3.93
New Orleans ¹	148.42	148.32	141.93	41.0	41.2	41.5	3.62	3.60	3.42
Shreveport	(*)	137.61	127.52	(*)	41.2	40.1	(*)	3.34	3.18
MAINE ¹	118.00	119.36	111.32	40.0	40.6	39.9	2.95	2.94	2.79
Lewiston-Auburn ¹	97.73	100.10	88.45	37.3	38.5	35.1	2.62	2.60	2.52
Portland ¹	127.98	133.74	117.99	39.5	40.9	39.2	3.24	3.27	3.01
MARYLAND	(*)	149.20	137.59	(*)	40.0	39.2	(*)	3.73	3.51
Baltimore	(*)	155.56	143.81	(*)	40.3	39.4	(*)	3.86	3.65
MASSACHUSETTS	140.23	141.15	131.04	39.5	40.1	39.0	3.55	3.52	3.36
Boston	153.66	155.57	144.26	39.4	40.2	39.2	3.90	3.87	3.68
Brockton	118.94	121.13	108.66	38.0	38.7	36.1	3.13	3.13	3.01
Fall River	94.47	98.56	95.22	33.5	35.2	34.5	2.82	2.80	2.76
Lawrence-Haverhill	138.84	135.71	121.66	41.2	41.0	39.5	3.37	3.31	3.08
Lowell	120.43	119.73	114.05	39.1	39.0	38.4	3.08	3.07	2.97
New Bedford	112.80	115.62	103.32	37.6	38.8	36.9	3.00	2.98	2.80
Springfield-Chicopee-Holyoke	142.52	142.84	131.71	39.7	39.9	39.2	3.59	3.58	3.36
Worcester	142.42	144.62	130.88	38.7	39.3	37.5	3.68	3.68	3.49
MICHIGAN	200.32	208.36	185.61	41.5	43.4	41.2	4.83	4.80	4.51
Ann Arbor	214.55	230.74	204.37	42.3	46.0	42.2	5.07	5.02	4.84
Battle Creek	182.58	185.51	159.73	40.7	41.4	38.6	4.49	4.48	4.14
Bay City	176.04	177.36	183.99	40.2	40.2	44.8	4.38	4.41	4.11
Detroit	210.71	226.58	194.14	41.7	45.0	41.5	5.05	5.04	4.68
Flint	224.60	224.64	241.95	41.5	41.7	45.6	5.41	5.39	5.31
Grand Rapids	164.55	168.80	165.65	39.9	41.2	40.9	4.12	4.10	4.05
Jackson	175.95	188.12	163.25	38.5	40.7	39.3	4.57	4.62	4.15
Kalamazoo	189.10	184.44	176.92	41.1	41.4	41.6	4.60	4.46	4.25
Lansing	212.44	210.25	203.36	41.5	41.6	42.2	5.12	5.05	4.82
Muskegon-Muskegon Heights	172.30	173.06	152.39	41.3	41.7	39.8	4.17	4.15	3.83
Saginaw	223.23	222.37	223.48	42.0	42.1	43.7	5.32	5.28	5.11

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-16: 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		
	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Jan. 1972 ^p	Dec. 1971	Jan. 1971	Jan. 1972 ^p	Dec. 1971	Jan. 1971
MINNESOTA ¹	\$156.82	\$160.75	\$143.91	39.7	40.8	39.0	\$3.95	\$3.94	\$3.69
Duluth-Superior	(*)	149.64	145.41	(*)	41.2	39.6	(*)	3.63	3.67
Minneapolis-St. Paul ¹	167.60	170.68	150.93	40.0	41.0	38.6	4.19	4.16	3.91
MISSISSIPPI ¹	108.00	110.81	99.54	40.3	41.5	39.5	2.68	2.67	2.52
Jackson ¹	107.27	111.54	99.45	41.1	42.9	40.1	2.61	2.60	2.48
MISSOURI	145.41	148.77	140.69	39.3	40.1	39.3	3.70	3.71	3.58
Kansas City	(*)	146.97	136.57	(*)	40.6	39.7	(*)	3.62	3.44
St. Joseph	144.00	149.72	147.40	41.5	42.9	42.6	3.47	3.49	3.46
St. Louis	164.69	170.45	161.20	39.4	40.2	39.9	4.18	4.24	4.04
Springfield	125.20	127.08	114.76	40.0	40.6	38.9	3.13	3.13	2.95
MONTANA	158.77	158.00	152.40	40.4	39.9	40.0	3.93	3.96	3.81
NEBRASKA	142.74	145.76	141.87	41.0	41.8	42.2	3.48	3.49	3.36
Lincoln	130.40	134.29	126.47	39.4	40.3	39.6	3.31	3.34	3.19
Omaha	146.64	152.88	147.94	39.9	41.2	42.1	3.67	3.72	3.51
NEVADA ¹	168.40	173.53	159.80	38.1	39.8	38.6	4.42	4.36	4.14
Las Vegas	(*)	204.79	181.43	(*)	42.4	41.9	(*)	4.83	4.33
NEW HAMPSHIRE	121.91	123.07	116.13	39.2	39.7	39.1	3.11	3.10	2.97
Manchester	109.62	110.98	104.12	37.8	38.4	38.0	2.90	2.89	2.74
NEW JERSEY	155.90	158.12	143.39	40.6	41.5	39.5	3.84	3.81	3.63
Atlantic City	124.62	125.67	112.16	42.1	42.6	40.2	2.96	2.95	2.79
Camden ²	153.97	158.79	140.45	41.5	42.8	39.9	3.71	3.71	3.52
Jersey City ³	160.66	160.90	145.16	41.3	41.9	40.1	3.89	3.84	3.62
Newark ³	155.94	158.53	147.63	40.4	41.5	39.9	3.86	3.82	3.70
Paterson-Clifton-Passaic ³	150.91	157.03	140.69	39.3	41.0	39.3	3.84	3.83	3.58
Perth Amboy ³	160.40	164.02	143.24	39.9	40.7	38.3	4.02	4.03	3.74
Trenton	150.54	150.48	140.46	39.0	39.6	38.8	3.86	3.80	3.62
NEW MEXICO	118.59	109.33	99.46	40.2	37.7	36.7	2.95	2.90	2.71
Albuquerque	132.78	127.10	108.63	39.4	38.4	36.7	3.37	3.31	2.96
NEW YORK	(*)	152.46	141.62	(*)	39.6	38.8	(*)	3.85	3.65
Albany-Schenectady-Troy	165.65	170.98	154.69	40.5	41.6	40.6	4.09	4.11	3.81
Binghamton	152.59	157.21	139.84	40.8	41.7	40.3	3.74	3.77	3.47
Buffalo	182.16	185.32	170.93	40.3	41.0	40.6	4.52	4.52	4.21
Elmira	145.27	144.47	132.26	39.8	39.8	39.6	3.65	3.63	3.34
Monroe County ⁴	189.98	187.71	175.03	41.3	41.9	40.8	4.60	4.48	4.29
Nassau and Suffolk Counties ⁵	152.43	153.56	141.51	39.8	40.2	39.2	3.83	3.82	3.61
New York-Northeastern New Jersey	(*)	150.10	137.90	(*)	39.5	38.2	(*)	3.80	3.61
New York SMSA ³	(*)	142.87	133.88	(*)	38.2	37.5	(*)	3.74	3.57
New York City ⁵	(*)	140.62	131.72	(*)	37.8	37.0	(*)	3.72	3.56
Rochester	182.93	180.16	168.50	41.2	41.8	40.7	4.44	4.31	4.14
Rockland County ⁵	150.11	148.50	141.65	39.4	39.6	39.9	3.81	3.75	3.55
Syracuse	159.96	163.51	149.41	40.6	41.5	40.6	3.94	3.94	3.68
Utica-Rome	139.04	139.20	129.65	39.5	40.0	38.7	3.52	3.48	3.35
Westchester County ⁵	147.44	150.11	147.41	38.8	39.4	39.1	3.80	3.81	3.77
NORTH CAROLINA	109.07	110.15	100.73	40.1	41.1	39.5	2.72	2.68	2.55
Asheville	106.52	111.61	96.53	40.5	42.6	39.4	2.63	2.62	2.45
Charlotte	114.62	116.88	106.52	40.5	41.3	39.6	2.83	2.83	2.69
Greensboro-Winston-Salem-High Point	120.87	123.02	110.40	39.5	40.6	38.6	3.06	3.03	2.86
Raleigh	111.39	110.80	104.94	39.5	40.0	39.6	2.82	2.77	2.65
NORTH DAKOTA ¹	129.35	130.77	123.07	39.7	40.3	39.5	3.26	3.24	3.12
Fargo-Moorhead ¹	140.69	138.87	143.70	38.9	38.7	41.4	3.62	3.59	3.47

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: 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		
	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971	Jan. 1972 ^P	Dec. 1971	Jan. 1971
OHIO	\$174.15	\$177.18	\$162.00	40.5	41.3	40.5	\$4.30	\$4.29	\$4.00
Akron	185.14	189.70	176.34	40.6	41.6	41.2	4.56	4.56	4.28
Canton ¹	176.99	171.20	161.19	40.5	40.0	40.5	4.37	4.28	3.98
Cincinnati	162.81	168.49	155.39	40.2	41.5	41.0	4.05	4.06	3.79
Cleveland	177.48	180.13	164.02	40.8	41.6	40.2	4.35	4.33	4.08
Columbus	161.18	164.02	148.93	39.7	40.3	39.4	4.06	4.07	3.78
Dayton	193.58	200.65	178.30	41.1	42.6	39.8	4.71	4.71	4.48
Toledo	181.35	183.34	168.50	40.3	41.2	40.7	4.50	4.45	4.14
Youngstown-Warren ¹	185.97	190.62	181.83	39.4	40.3	41.8	4.72	4.73	4.35
OKLAHOMA ¹	135.94	133.60	127.03	40.1	40.0	40.2	3.39	3.34	3.16
Oklahoma City ¹	138.17	139.06	127.17	40.4	40.9	40.5	3.42	3.40	3.14
Tulsa ¹	142.44	144.99	138.45	39.9	40.5	40.6	3.57	3.58	3.41
OREGON	163.77	164.67	146.52	38.9	39.3	37.0	4.21	4.19	3.96
Eugene	173.89	170.68	149.04	39.7	39.6	36.8	4.38	4.31	4.05
Portland	160.93	163.90	146.52	38.5	39.4	37.0	4.18	4.16	3.96
PENNSYLVANIA	146.66	148.52	135.72	38.8	39.5	39.0	3.78	3.76	3.48
Allentown-Bethlehem-Easton	144.02	150.91	130.64	38.0	39.3	38.2	3.79	3.84	3.42
Altoona	121.39	117.87	112.40	39.8	38.9	38.1	3.05	3.03	2.95
Delaware Valley	158.00	160.40	145.82	39.5	40.2	39.2	4.00	3.99	3.72
Erie	158.98	161.70	150.23	41.4	42.0	41.5	3.84	3.85	3.62
Harrisburg	132.70	131.77	125.93	38.8	39.1	39.6	3.42	3.37	3.18
Johnstown	145.60	161.35	129.24	36.4	38.6	35.9	4.00	4.18	3.60
Lancaster	137.51	138.29	124.55	39.4	40.2	38.8	3.49	3.44	3.21
Philadelphia SMSA	157.61	159.98	145.02	39.8	40.5	39.3	3.96	3.95	3.69
Pittsburgh	171.43	173.23	157.57	39.5	40.1	40.3	4.34	4.32	3.91
Reading	131.51	134.46	124.68	37.9	39.2	38.6	3.47	3.43	3.23
Scranton	111.60	112.27	105.25	36.0	36.1	35.8	3.10	3.11	2.94
Wilkes-Barre-Hazleton	108.63	110.90	99.83	35.5	36.6	35.4	3.06	3.03	2.82
York	134.23	136.86	124.80	40.8	41.6	40.0	3.29	3.29	3.12
RHODE ISLAND	120.74	121.48	113.49	39.2	39.7	39.0	3.08	3.06	2.91
Providence-Pawtucket-Warwick	121.75	121.87	115.54	39.4	39.7	39.3	3.09	3.07	2.94
SOUTH CAROLINA	(*)	113.55	104.52	(*)	41.9	40.2	(*)	2.71	2.60
Charleston	(*)	127.51	125.86	(*)	41.4	40.6	(*)	3.08	3.10
Greenville	(*)	114.06	99.45	(*)	42.4	39.0	(*)	2.69	2.55
SOUTH DAKOTA	136.64	146.90	137.64	42.7	45.2	44.4	3.20	3.25	3.10
Sioux Falls	170.75	184.76	171.91	46.4	49.8	48.7	3.68	3.71	3.53
TENNESSEE	(*)	122.36	114.51	(*)	41.2	39.9	(*)	2.97	2.87
Chattanooga	(*)	137.85	123.72	(*)	41.9	40.3	(*)	3.29	3.07
Knoxville	139.19	139.74	129.28	40.7	41.1	40.4	3.42	3.40	3.20
Memphis	140.90	142.69	119.56	41.2	41.6	39.2	3.42	3.43	3.05
Nashville	(*)	127.92	121.97	(*)	40.1	39.6	(*)	3.19	3.08
TEXAS ¹	139.94	140.49	133.17	40.8	41.2	40.6	3.43	3.41	3.28
Amarillo ¹	123.72	125.55	119.00	39.4	40.5	39.8	3.14	3.10	2.99
Austin ¹	120.80	119.77	112.74	40.4	40.6	40.7	2.99	2.95	2.77
Beaumont-Port Arthur-Orange ¹	182.61	184.16	172.55	40.4	41.2	40.6	4.52	4.47	4.25
Corpus Christi ¹	171.70	166.30	155.21	42.5	42.1	41.5	4.04	3.95	3.74
Dallas ¹	128.56	130.60	124.93	40.3	41.2	40.3	3.19	3.17	3.10
El Paso ¹	93.45	91.58	89.87	39.1	38.0	40.3	2.39	2.41	2.23
Fort Worth ¹	144.84	149.29	143.21	40.8	41.7	40.8	3.55	3.58	3.51
Galveston-Texas City ¹	216.92	212.42	191.68	42.7	42.4	41.4	5.08	5.01	4.63
Houston ¹	170.54	168.00	159.71	41.8	42.0	41.7	4.08	4.00	3.83
Lubbock ¹	120.96	122.24	113.30	43.2	43.5	41.5	2.80	2.81	2.73
San Antonio ¹	110.30	113.42	106.86	40.7	41.7	41.1	2.71	2.72	2.60
Waco ¹	114.07	116.29	113.65	39.2	40.1	39.6	2.91	2.90	2.87
Wichita Falls ¹	105.07	102.18	97.61	39.8	39.3	39.2	2.64	2.60	2.49

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: 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		
	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971	Jan. p 1972	Dec. 1971	Jan. 1971
UTAH	\$143.52	\$145.78	\$138.48	39.0	39.4	38.9	\$3.68	\$3.70	\$3.56
Salt Lake City	136.32	135.19	128.20	39.4	39.3	38.5	3.46	3.44	3.33
VERMONT	130.79	132.07	125.25	41.0	41.4	41.2	3.19	3.19	3.04
Burlington	153.04	148.37	140.01	41.7	41.1	41.3	3.67	3.61	3.39
Springfield	138.20	140.19	133.40	39.6	40.4	41.3	3.49	3.47	3.23
VIRGINIA	(*)	121.95	112.40	(*)	41.2	40.0	(*)	2.96	2.81
Lynchburg	124.56	123.65	109.89	41.8	42.2	40.4	2.98	2.93	2.72
Norfolk-Portsmouth ¹	128.64	135.14	118.17	40.2	42.1	39.0	3.20	3.21	3.03
Northern Virginia ⁷	158.30	164.02	146.73	38.8	40.6	41.1	4.08	4.04	3.57
Richmond ¹	130.81	137.53	129.02	39.4	41.3	40.7	3.32	3.33	3.17
Roanoke ¹	115.18	115.92	105.60	40.7	41.4	40.0	2.83	2.80	2.64
WASHINGTON	169.56	169.12	160.22	38.8	38.7	38.7	4.37	4.37	4.14
Seattle-Everett	174.39	173.94	169.95	39.1	39.0	39.8	4.46	4.46	4.27
Spokane	162.51	164.94	155.16	38.6	38.9	38.5	4.21	4.24	4.03
Tacoma	169.93	173.76	153.78	38.1	38.7	37.6	4.46	4.49	4.09
WEST VIRGINIA	(*)	148.34	139.44	(*)	40.2	39.5	(*)	3.69	3.53
Charleston	(*)	180.60	167.25	(*)	42.0	41.5	(*)	4.30	4.03
Huntington-Ashland	(*)	157.98	148.18	(*)	39.2	39.2	(*)	4.03	3.78
Wheeling	(*)	153.18	141.95	(*)	40.1	40.1	(*)	3.82	3.54
WISCONSIN	161.55	164.29	153.42	40.3	41.0	40.4	4.01	4.01	3.80
Green Bay	160.71	165.40	161.03	41.3	42.3	43.0	3.89	3.91	3.74
Kenosha	177.67	181.40	154.42	39.3	39.3	38.3	4.52	4.61	4.03
La Crosse	138.48	138.72	126.88	41.1	41.0	39.9	3.37	3.38	3.18
Madison	179.33	188.65	179.22	40.2	41.3	41.0	4.46	4.57	4.37
Milwaukee	173.27	176.03	163.12	40.0	40.7	40.1	4.33	4.33	4.07
Racine	166.77	169.28	153.76	40.0	40.4	39.7	4.17	4.18	3.87
WYOMING	135.37	143.47	127.39	38.9	40.3	37.8	3.48	3.56	3.37
Casper	174.71	178.46	159.19	42.2	42.9	39.6	4.14	4.16	4.02
Cheyenne	145.14	148.22	101.84	37.6	38.8	30.4	3.86	3.82	3.35

¹ Revised series; not strictly comparable with previously published data.

² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

³ Area included in the New York-Northeastern New Jersey Standard Consolidated Area.

⁴ Subarea of Rochester Standard Metropolitan Statistical Area.

⁵ Subarea of New York Standard Metropolitan Statistical Area.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

⁷ 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.

D-1: Labor turnover rates in manufacturing

1960 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1960	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1	4.6
1969	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9	4.7
1970	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4	4.0
1971	3.5	3.1	3.5	3.7	3.9	4.9	4.0	5.3	4.8	3.8	3.3	2.5	3.9
1972	4.0p												
New hires													
1960	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2	3.5
1969	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.7
1970	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4	2.8
1971	2.0	1.9	2.2	2.3	2.6	3.5	2.7	3.4	3.3	2.7	2.2	1.6	2.5
1972	2.6p												
Total separations													
1960	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8	4.6
1969	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2	4.9
1970	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1	4.8
1971	4.2	3.5	3.7	4.0	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8	4.2
1972	4.0p												
Quits													
1960	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961 .....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6	2.5
1969	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6	2.7
1970	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	1.9	1.5	1.2	1.8
1972	1.7p												
Layoffs													
1960	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4	1.2
1969	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2	1.8
1971	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8	1.6
1972	1.5p												

p-preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates						Separation rates								
		Total			New hires			Total			Quits			Layoffs		
		Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971
	MANUFACTURING	4.0	2.5	3.9	2.6	1.6	2.5	4.0	3.8	4.2	1.7	1.2	1.8	1.5	1.8	1.6
19,24, 25,32-39	DURABLE GOODS	3.9	2.3	3.5	2.3	1.4	2.2	3.7	3.3	3.9	1.4	1.0	1.4	1.4	1.6	1.6
20-23, 26-31	NONDURABLE GOODS	4.3	2.8	4.3	2.9	1.8	3.0	4.5	4.3	4.6	2.1	1.6	2.2	1.5	2.1	1.6
	<i>Durable Goods</i>															
19	ORDNANCE AND ACCESSORIES	-	1.1	1.9	-	.6	.9	-	2.1	3.0	-	.5	.8	-	1.2	1.6
192	Ammunition, except for small arms	-	.9	1.8	-	.4	.8	-	2.3	3.1	-	.4	.7	-	1.5	1.7
24	LUMBER AND WOOD PRODUCTS	5.4	3.4	5.6	4.0	2.7	4.5	5.1	5.4	5.3	2.8	2.2	3.1	1.4	2.4	1.3
242	Sawmills and planing mills	-	3.2	5.2	-	2.8	4.4	-	3.9	4.9	-	2.3	3.2	-	.8	.9
2421	Sawmills and planing mills, general	-	3.1	5.0	-	2.7	4.2	-	3.7	4.7	-	2.2	3.1	-	.9	.9
243	Millwork, plywood & related products	-	3.1	5.5	-	2.3	4.5	-	4.9	5.0	-	2.0	2.9	-	2.1	1.2
2431	Millwork	-	3.4	5.5	-	2.7	4.8	-	5.2	4.9	-	2.0	2.9	-	2.4	1.1
2432	Veneer and plywood	-	2.5	4.9	-	2.1	3.8	-	3.3	4.5	-	1.9	2.7	-	.5	.8
244	Wooden containers	-	5.2	7.5	-	4.1	6.0	-	6.2	7.0	-	3.3	4.6	-	2.1	1.6
2441,2	Wooden boxes, shooks, and crates	-	4.3	6.9	-	3.7	5.8	-	5.8	6.3	-	3.1	4.3	-	2.1	1.3
249	Miscellaneous wood products	-	3.4	5.5	-	2.6	4.4	-	4.4	5.4	-	2.1	3.1	-	1.6	1.1
25	FURNITURE AND FIXTURES	6.0	3.4	5.3	5.1	2.8	4.4	5.2	3.9	5.2	3.4	2.2	3.0	.8	.8	1.1
251	Household furniture	-	3.5	5.6	-	3.0	4.7	-	4.0	5.3	-	2.5	3.4	-	.6	.9
2511	Wood household furniture	-	4.0	5.7	-	3.4	4.8	-	4.2	5.4	-	2.8	3.5	-	.4	.8
2512	Upholstered household furniture	-	3.0	4.8	-	2.7	4.2	-	3.7	4.4	-	2.3	3.0	-	.7	.5
2515	Mattresses and bedsprings	-	2.7	5.5	-	2.3	4.8	-	3.5	5.2	-	2.0	3.3	-	.8	.8
252	Office furniture	-	2.7	3.8	-	2.3	2.7	-	2.9	3.7	-	1.5	1.8	-	.7	1.1
32	STONE, CLAY, AND GLASS PRODUCTS	3.8	2.3	4.0	2.4	1.6	2.8	4.6	4.3	4.2	1.6	1.3	1.9	2.1	2.3	1.5
321	Flat glass	-	2.5	3.2	-	.4	.9	-	1.5	3.3	-	.2	.4	-	.7	2.1
322	Glass and glassware, pressed or blown	-	1.7	3.3	-	.7	1.9	-	4.4	3.8	-	.8	1.5	-	2.9	1.4
3221	Glass containers	-	1.2	3.3	-	.7	2.0	-	4.5	4.1	-	.9	1.7	-	3.1	1.6
3229	Pressed and blown glass, n e c	-	2.3	3.3	-	.8	1.6	-	4.3	3.5	-	.7	1.1	-	2.5	1.2
324	Cement, hydraulic	-	.7	2.0	-	.5	1.3	-	1.5	1.9	-	.3	.7	-	.7	.7
325	Structural clay products	-	3.1	5.2	-	2.5	4.1	-	5.0	5.2	-	2.4	3.0	-	1.9	1.4
3251	Brick and structural clay tile	-	3.4	6.4	-	3.1	5.5	-	6.9	6.2	-	3.1	4.0	-	3.0	1.3
326	Pottery and related products	-	2.5	3.6	-	1.9	2.5	-	2.6	3.6	-	1.5	1.8	-	.5	1.0
3291	Abrasive products	-	1.3	2.0	-	1.0	1.0	-	1.5	2.3	-	.6	.7	-	.5	.8
33	PRIMARY METAL INDUSTRIES	4.1	3.0	3.2	1.4	.8	1.5	2.9	3.0	3.9	.8	.5	1.0	1.2	1.7	2.0
331	Blast furnace and basic steel products	-	3.8	3.4	-	.2	1.1	-	3.1	4.5	-	.2	.7	-	2.2	2.8
3312	Blast furnaces and steel mills	-	4.0	3.5	-	.1	1.0	-	3.2	4.6	-	.2	.7	-	2.3	3.0
332	Iron and steel foundries	-	3.1	3.6	-	1.5	2.2	-	3.8	3.9	-	1.0	1.5	-	1.9	1.4
3321	Gray iron foundries	-	3.0	3.6	-	1.5	2.2	-	3.4	3.7	-	1.0	1.5	-	1.4	1.2
3322	Malleable iron foundries	-	3.5	4.0	-	1.8	2.9	-	6.4	4.4	-	1.1	1.8	-	4.3	1.3
3323	Steel foundries	-	2.8	3.4	-	1.3	1.7	-	3.3	4.1	-	1.0	1.3	-	1.5	1.9
333,4	Nonferrous metals	-	1.7	2.3	-	.7	1.5	-	1.7	3.1	-	.5	1.2	-	.7	1.1
335	Nonferrous rolling and drawing	-	1.9	2.5	-	.8	1.5	-	2.5	2.8	-	.6	.9	-	1.0	1.0
3351	Copper rolling and drawing	-	1.4	2.5	-	.7	1.5	-	2.8	2.6	-	.4	.8	-	1.6	1.0
3352	Aluminum rolling and drawing	-	1.7	2.8	-	.5	1.5	-	2.5	3.1	-	.6	.9	-	1.4	1.4
3357	Nonferrous wire drawing, and insulating	-	2.3	2.6	-	1.1	1.6	-	1.9	2.6	-	.6	.9	-	.5	.8
336	Nonferrous foundries	-	2.7	4.3	-	1.9	2.6	-	3.0	4.4	-	1.1	1.7	-	1.0	1.8
3361	Aluminum castings	-	3.0	4.5	-	2.3	2.8	-	2.5	4.2	-	1.2	1.7	-	.5	1.5
3362,9	Other nonferrous castings	-	2.5	4.1	-	1.5	2.3	-	3.5	4.5	-	1.0	1.6	-	1.5	2.2
339	Miscellaneous primary metal products	-	1.8	2.8	-	1.0	1.5	-	2.9	3.2	-	.6	1.0	-	1.8	1.5
3391	Iron and steel forgings	-	1.6	2.4	-	.9	1.2	-	2.6	3.1	-	.5	.8	-	1.5	1.6

See footnotes at end of table.

D-2: Labor turnover rates, by industry--Continued

SIC Code	Industry	(Per 100 employees)														
		Accession rates						Separation rates								
		Total			New hires			Total			Quits			Layoffs		
Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971		
	<i>Durable Goods--Continued</i>															
34	FABRICATED METAL PRODUCTS	-	2.5	3.9	-	1.5	2.6	-	3.7	4.2	-	1.1	1.6	-	1.9	1.7
341	Metal cans	-	4.9	4.7	-	.4	1.4	-	6.2	6.3	-	.5	1.0	-	4.7	4.1
342	Cutlery, hand tools, and hardware	-	2.1	2.9	-	1.6	2.2	-	2.5	3.1	-	1.1	1.4	-	.7	1.0
3421,3,5	Cutlery and hand tools, incl. saws	-	2.3	3.1	-	2.0	2.5	-	2.8	3.0	-	1.3	1.5	-	.7	.8
3429	Hardware, n e c	-	1.9	2.9	-	1.3	2.0	-	2.3	3.1	-	.9	1.3	-	.6	1.1
343	Plumbing and heating, except electric	-	2.3	4.2	-	1.9	3.2	-	3.6	3.8	-	1.3	1.8	-	1.4	.9
3431,2	Sanitary ware & plumbers' brass goods	-	2.6	4.4	-	2.2	3.4	-	3.5	3.8	-	1.5	2.0	-	1.1	.6
3433	Heating equipment, except electric	-	2.0	4.1	-	1.5	3.0	-	3.6	3.9	-	1.1	1.7	-	1.7	1.2
344	Fabricated structural metal products	-	2.4	4.1	-	1.8	3.2	-	4.2	4.4	-	1.2	1.9	-	2.3	1.6
3441	Fabricated structural steel	-	2.9	3.9	-	2.0	3.0	-	3.8	4.4	-	1.3	1.9	-	1.9	1.7
3443	Fabricated plate work (boiler shops)	-	1.6	2.6	-	1.2	1.9	-	3.5	3.1	-	.8	1.2	-	2.2	1.3
3446,9	Architectural and misc. metal work	-	2.0	4.6	-	1.5	3.6	-	3.5	4.4	-	1.1	2.0	-	1.5	1.4
345	Screw machine products, bolts, etc.	-	2.2	3.0	-	1.7	2.2	-	2.6	3.3	-	1.0	1.4	-	.8	1.2
3452	Bolts, nuts, rivets, and washers	-	1.4	2.2	-	.9	1.5	-	2.3	2.7	-	.8	1.0	-	.7	1.0
346	Metal stampings	-	2.1	4.0	-	.8	1.8	-	3.8	4.4	-	.7	1.2	-	2.5	2.3
348	Misc. fabricated wire products	-	2.5	4.3	-	1.8	3.2	-	3.1	4.4	-	1.5	2.3	-	1.0	1.3
349	Misc. fabricated metal products	-	2.2	3.2	-	1.4	2.2	-	2.8	3.5	-	1.0	1.5	-	1.1	1.2
3494,8	Valves, pipe, and pipe fittings	-	2.0	2.9	-	1.5	2.1	-	2.6	3.1	-	.9	1.4	-	1.0	1.0
35	MACHINERY, EXCEPT ELECTRICAL	3.2	1.8	2.4	2.0	1.1	1.4	2.5	2.2	2.9	1.0	.7	1.0	0.8	.8	1.2
351	Engines and turbines	-	1.4	2.1	-	.6	1.0	-	1.5	2.3	-	.3	.6	-	.4	.8
3511	Steam engines and turbines	-	1.0	2.1	-	.4	1.0	-	1.5	2.1	-	.4	.6	-	.3	.5
3519	Internal combustion engines, n e c	-	1.6	2.1	-	.7	.9	-	1.4	2.4	-	.3	.6	-	.5	1.0
352	Farm machinery	-	3.4	3.3	-	1.4	1.6	-	3.4	3.8	-	.6	1.0	-	1.8	1.7
353	Construction and related machinery	-	1.6	2.3	-	1.2	1.5	-	1.7	2.6	-	.7	1.0	-	.6	1.0
3531,2	Construction and mining machinery	-	1.1	1.9	-	.7	1.1	-	1.1	2.2	-	.5	.7	-	.3	.9
3533	Oil field machinery	-	2.9	3.1	-	2.5	2.7	-	2.0	2.8	-	1.1	1.6	-	.2	.5
3535,6	Conveyors, hoists, cranes, monorails	-	1.5	2.1	-	1.3	1.4	-	2.3	2.8	-	.7	.9	-	1.0	1.3
354	Metal working machinery	-	2.0	2.7	-	1.2	1.3	-	2.3	3.3	-	.6	.8	-	1.1	1.8
3541	Machine tools, metal cutting types	-	1.4	1.7	-	.6	.6	-	1.4	2.8	-	.4	.6	-	.5	1.7
3545	Machine tool accessories	-	1.5	1.8	-	.8	.8	-	2.8	2.4	-	.5	.7	-	1.8	1.2
3542,8	Misc. metal working machinery	-	1.9	2.1	-	1.1	1.2	-	1.9	2.7	-	.5	.8	-	.8	1.3
355	Special industry machinery	-	1.6	2.1	-	1.1	1.4	-	2.0	2.6	-	.7	1.0	-	.7	1.1
3551	Food products machinery	-	1.2	1.9	-	.9	1.4	-	2.0	2.6	-	.7	1.0	-	.7	1.1
3552	Textile machinery	-	3.0	2.9	-	2.2	2.1	-	3.2	3.3	-	1.3	1.4	-	1.3	1.1
356	General industrial machinery	-	1.6	2.2	-	.9	1.2	-	2.0	2.7	-	.6	.9	-	.9	1.2
3561	Pumps and compressors	-	1.6	2.1	-	.9	1.2	-	2.0	2.5	-	.6	.9	-	.8	1.0
3562	Ball and roller bearings	-	1.7	2.3	-	.7	.6	-	2.3	2.9	-	.4	.5	-	1.5	1.8
3566	Power transmission equipment	-	1.5	1.9	-	.9	1.1	-	1.5	2.4	-	.6	.9	-	.4	.9
357	Office and computing machines	-	1.3	1.8	-	.8	.9	-	2.3	2.5	-	.5	.8	-	.6	.9
3573	Electronic computing equipment	-	1.2	1.5	-	.7	.8	-	2.4	2.3	-	.5	.7	-	.5	.7
358	Service industry machines	-	2.2	3.0	-	1.3	2.0	-	2.4	3.7	-	.9	1.3	-	.7	1.6
3585	Refrigeration machinery	-	2.4	3.1	-	1.2	1.9	-	2.4	4.0	-	.8	1.2	-	.7	1.9
36	ELECTRICAL EQUIPMENT AND SUPPLIES	-	2.0	2.9	-	1.2	1.6	-	2.5	3.3	-	.9	1.2	-	.9	1.2
361	Electric test & distributing equipment	-	1.5	2.2	-	.9	1.3	-	2.1	2.6	-	.8	1.0	-	.7	.8
3611	Electric measuring instruments	-	1.8	2.4	-	1.2	1.7	-	2.1	2.7	-	1.0	1.2	-	.5	.8
3612	Transformers	-	1.6	2.3	-	.8	1.1	-	3.0	3.2	-	.7	1.1	-	1.4	1.1
3613	Switchgear and switchboard apparatus	-	1.2	1.9	-	.8	1.1	-	1.5	2.1	-	.6	.9	-	.3	.5
362	Electrical industrial apparatus	-	1.8	2.3	-	.9	1.1	-	2.0	2.7	-	.6	.9	-	.7	1.1
3621	Motors and generators	-	1.9	2.5	-	1.0	1.1	-	2.1	3.0	-	.5	.9	-	.9	1.3
3622	Industrial controls	-	1.3	1.7	-	.7	.9	-	1.9	2.2	-	.6	.8	-	.8	.7
363	Household appliances	-	2.8	3.7	-	1.2	2.0	-	3.3	4.2	-	.8	1.3	-	1.7	1.7
3632	Household refrigerators and freezers	-	4.3	3.7	-	.5	1.0	-	1.9	5.1	-	.3	.9	-	1.1	3.0
3633	Household laundry equipment	-	1.0	2.7	-	.6	1.5	-	1.8	2.6	-	.5	.9	-	.7	.7
3634	Electric housewares and fans	-	2.3	4.6	-	1.5	3.0	-	7.2	4.9	-	1.5	2.0	-	4.6	1.9
364	Electric lighting and wiring equipment	-	2.2	3.5	-	1.6	2.3	-	2.7	3.5	-	1.2	1.5	-	.7	1.0
3641	Electric lamps	-	1.6	2.1	-	.8	1.0	-	2.0	2.5	-	.7	.8	-	.4	.8
3642	Lighting fixtures	-	2.3	4.1	-	1.9	2.9	-	3.3	4.2	-	1.2	1.7	-	1.3	1.4
3643,4	Wiring devices	-	2.4	3.6	-	1.8	2.4	-	2.6	3.5	-	1.5	1.7	-	.4	.9
365	Radio and TV receiving equipment	-	3.3	5.3	-	1.8	3.0	-	4.4	5.6	-	1.3	2.1	-	2.0	1.9
366	Communication equipment	-	1.2	1.6	-	.7	.8	-	1.8	2.6	-	.6	.8	-	.7	1.1
3661	Telephone and telegraph apparatus	-	.5	1.0	-	.3	.6	-	1.2	2.0	-	.4	.8	-	.5	.7
3662	Radio and TV communication equipment	-	1.6	2.0	-	.9	1.0	-	2.1	3.0	-	.6	.8	-	.8	1.4
367	Electronic components and accessories	-	2.5	3.6	-	1.6	2.0	-	2.7	3.7	-	1.2	1.5	-	.8	1.2
3671-3	Electron tubes	-	1.8	2.4	-	.4	.7	-	2.2	3.3	-	.7	1.0	-	.7	1.2
3674,9	Other electronic components	-	2.7	3.8	-	1.8	2.2	-	2.8	3.8	-	1.2	1.6	-	.8	1.2
369	Misc. electrical equipment & supplies	-	1.6	3.2	-	1.2	2.0	-	2.2	3.1	-	.7	1.2	-	.8	1.1
3694	Engine electrical equipment	-	1.3	3.0	-	.7	1.5	-	1.5	2.9	-	.5	1.0	-	.4	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		
		Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971	Jan. 1972p	Dec. 1971	Avg. 1971
<i>Durable Goods--Continued</i>																
37	TRANSPORTATION EQUIPMENT	-	2.0	3.7	-	1.0	1.8	-	3.1	4.3	-	.7	1.1	-	1.8	2.4
371	Motor vehicles and equipment	-	1.1	3.3	-	.4	1.2	-	2.1	4.0	-	.4	.8	-	1.2	2.4
3711	Motor vehicles	-	.8	3.3	-	.2	.9	-	2.0	4.5	-	.3	.7	-	1.1	3.0
3712	Passenger car bodies	-	1.2	3.3	-	(1)	1.1	-	2.5	4.3	-	.1	.6	-	2.1	2.8
3713	Truck and bus bodies	-	1.9	3.7	-	1.2	2.5	-	4.5	4.3	-	1.3	1.7	-	2.7	2.0
3714	Motor vehicle parts and accessories	-	1.2	3.2	-	.4	1.1	-	1.9	3.5	-	.3	.7	-	.9	1.9
372	Aircraft and parts	-	1.3	1.7	-	.7	.7	-	1.8	3.0	-	.4	.6	-	1.1	1.9
3721	Aircraft	-	1.3	1.8	-	.5	.6	-	1.6	2.7	-	.4	.6	-	.9	1.8
3722	Aircraft engines and engine parts	-	.7	1.1	-	.3	.4	-	1.9	2.9	-	.2	.5	-	1.3	1.7
3723,9	Other aircraft parts and equipment	-	2.4	2.3	-	1.9	1.4	-	2.7	4.2	-	.5	.9	-	1.7	2.8
373	Ship and boat building and repairing	-	6.3	8.6	-	3.1	4.7	-	8.4	8.2	-	1.8	2.5	-	5.1	4.4
3731	Ship building and repairing	-	6.5	8.6	-	2.5	3.9	-	8.7	8.6	-	1.4	2.0	-	5.8	5.3
374	Railroad equipment	-	3.5	4.6	-	.9	1.8	-	4.9	4.7	-	.5	.9	-	3.6	2.7
375,9	Other transportation equipment	-	4.7	8.2	-	3.5	6.4	-	7.6	6.5	-	2.4	3.6	-	4.1	1.5
38	INSTRUMENTS AND RELATED PRODUCTS	3.1	1.9	2.6	2.2	1.4	1.9	2.9	2.6	2.8	1.3	.9	1.2	.8	.7	.8
381	Engineering & scientific instruments	-	1.7	2.1	-	1.0	1.3	-	2.4	2.6	-	.7	.9	-	.9	1.0
382	Mechanical measuring & control devices	-	1.7	2.4	-	.9	1.5	-	2.2	2.6	-	.8	1.1	-	.8	.8
3821	Mechanical measuring devices	-	1.1	1.9	-	.8	1.4	-	1.9	2.2	-	.7	1.0	-	.8	.7
3822	Automatic temperature controls	-	2.7	3.4	-	.9	1.8	-	2.7	3.3	-	.9	1.2	-	1.0	1.1
383,5	Optical and ophthalmic goods	-	2.6	3.2	-	2.0	2.5	-	3.0	3.3	-	1.2	1.5	-	1.0	1.0
384	Medical instruments and supplies	-	2.2	3.2	-	1.8	2.6	-	2.1	3.2	-	1.2	1.6	-	.2	.8
386	Photographic equipment and supplies	-	1.8	1.7	-	1.6	1.3	-	2.8	1.9	-	.6	.8	-	.3	.3
387	Watches, clocks, and watchcases	-	2.0	4.7	-	1.2	2.8	-	4.4	4.5	-	1.4	1.9	-	1.8	1.2
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.0	2.8	5.5	3.6	2.0	4.0	5.3	8.8	5.5	2.2	1.9	2.4	2.2	6.1	2.1
391	Jewelry, silverware, and plated ware	-	2.0	3.8	-	1.6	2.8	-	3.6	3.8	-	1.7	2.0	-	1.2	1.1
394	Toys and sporting goods	-	3.5	9.1	-	2.5	6.4	-	20.7	9.0	-	2.7	3.6	-	16.9	4.0
3941-3	Games, toys, dolls, & play vehicles	-	3.1	11.6	-	2.0	7.8	-	34.8	11.6	-	3.1	4.2	-	30.4	5.8
3949	Sporting and athletic goods, n e c	-	4.0	6.0	-	3.2	4.5	-	4.7	5.8	-	2.2	2.8	-	1.5	2.0
395	Pens, pencils, office and art supplies	-	1.8	2.8	-	1.5	2.2	-	2.9	3.1	-	1.1	1.4	-	1.2	.9
396	Costume jewelry and notions	-	2.9	5.1	-	2.5	3.8	-	5.9	5.1	-	2.2	2.5	-	3.0	1.9
393,9	Other manufacturing industries	-	2.6	4.0	-	1.8	3.1	-	4.4	4.2	-	1.3	1.9	-	2.4	1.4
<i>Nondurable Goods</i>																
20	FOOD AND KINDRED PRODUCTS	4.9	3.7	6.1	2.9	2.3	4.1	5.8	6.9	6.3	2.3	1.9	2.8	2.7	4.3	2.8
201	Meat products	-	5.4	6.7	-	2.5	4.0	-	8.2	6.8	-	2.2	3.3	-	5.2	2.7
2011	Meat packing plants	-	6.3	6.3	-	1.4	2.3	-	7.3	6.5	-	1.1	1.7	-	5.7	4.1
2015	Poultry dressing plants	-	5.4	9.6	-	4.8	8.0	-	12.7	9.5	-	4.9	7.3	-	6.5	1.2
204	Grain mill products	-	2.9	3.3	-	2.1	2.4	-	3.6	3.7	-	1.4	1.7	-	1.5	1.2
2041	Flour and other grain mill products	-	2.5	2.9	-	1.0	1.9	-	2.8	3.3	-	1.1	1.5	-	1.2	1.1
2042	Prepared feeds for animals and fowls	-	3.8	3.8	-	3.3	3.1	-	4.3	4.1	-	1.9	2.2	-	1.7	1.1
205	Bakery products	-	2.6	3.8	-	1.8	3.0	-	3.9	4.0	-	1.5	2.2	-	1.7	1.1
2051	Bread, cake, and related products	-	2.6	3.6	-	1.9	2.9	-	3.5	3.8	-	1.6	2.2	-	1.4	.9
2052	Cookies and crackers	-	2.5	5.0	-	1.4	3.1	-	5.5	5.1	-	1.1	2.0	-	3.4	2.1
207	Confectionery and related products	-	4.2	6.6	-	2.4	4.0	-	8.3	6.6	-	2.1	2.6	-	5.6	3.3
2071	Confectionery products	-	4.9	7.5	-	2.7	4.3	-	9.8	7.7	-	2.4	2.9	-	6.8	4.0
208	Beverages	-	3.2	4.5	-	1.9	3.1	-	5.0	4.8	-	1.5	2.2	-	2.8	1.9
2082	Malt liquors	-	2.7	3.4	-	.6	1.1	-	4.0	4.0	-	.3	.4	-	3.0	3.0
21	TOBACCO MANUFACTURES	2.7	2.6	5.0	1.6	1.6	3.1	5.8	4.8	4.9	1.3	1.1	1.6	3.5	3.2	2.6
211	Cigarettes	-	.5	1.5	-	.3	.8	-	.6	1.6	-	.2	.6	-	(1)	.4
212	Cigars	-	1.7	4.6	-	1.2	3.2	-	3.9	5.1	-	2.2	3.0	-	1.3	1.4

See footnotes at end of table.

D-2: Labor turnover rates, by industry--Continued

SIC Code	Industry	(Per 100 employees)														
		Accession rates						Separation rates								
		Total			New hires			Total			Quits			Layoffs		
Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971		
<i>Nondurable Goods--Continued</i>																
22	TEXTILE MILL PRODUCTS	5.6	3.5	5.1	4.3	2.6	3.9	5.3	4.2	5.3	3.3	2.5	3.4	.9	.8	.9
221	Weaving mills, cotton	-	3.8	4.9	-	2.9	3.9	-	3.9	5.3	-	2.7	3.7	-	.2	.4
222	Weaving mills, synthetics	-	3.6	4.8	-	2.9	3.8	-	3.5	5.0	-	2.2	3.2	-	.4	.7
223	Weaving and finishing mills, wool	-	4.9	5.1	-	2.7	3.0	-	4.5	7.0	-	1.6	2.5	-	2.2	3.3
224	Narrow fabric mills	-	3.3	4.9	-	2.4	3.6	-	4.1	4.9	-	2.3	2.8	-	1.2	1.3
225	Knitting mills	-	2.9	4.9	-	2.0	3.6	-	4.4	4.9	-	2.3	3.0	-	1.5	1.1
2251	Women's hosiery, except socks	-	1.6	3.1	-	1.1	2.2	-	3.7	4.3	-	2.2	2.7	-	.9	.9
2252	Hosiery, n e c	-	1.7	4.0	-	1.3	3.3	-	3.0	4.6	-	2.3	3.3	-	.3	.7
2254	Knit underwear mills	-	3.2	4.6	-	2.3	3.4	-	3.5	4.0	-	2.1	3.2	-	.9	.3
226	Textile finishing, except wool	-	3.4	4.5	-	2.6	3.7	-	3.5	4.5	-	1.8	2.7	-	.6	.7
227	Floor covering mills	-	3.1	4.5	-	2.6	3.7	-	4.3	4.8	-	2.6	2.9	-	.7	1.0
228	Yarn and thread mills	-	4.6	6.8	-	3.7	5.5	-	5.0	6.8	-	3.4	4.9	-	.6	.7
229	Miscellaneous textile goods	-	2.6	4.5	-	2.0	3.4	-	3.8	4.5	-	1.7	2.4	-	1.1	1.1
23	APPAREL AND OTHER TEXTILE PRODUCTS	5.8	3.1	5.3	3.8	1.9	3.5	5.7	5.6	5.7	3.0	2.0	2.8	1.9	3.0	2.1
231	Men's and boys' suits and coats	-	1.9	3.4	-	1.2	1.8	-	2.4	3.6	-	1.1	1.4	-	.8	1.6
232	Men's and boys' furnishings	-	3.0	5.4	-	2.1	4.2	-	4.2	5.4	-	2.4	3.7	-	1.2	.9
2321	Men's and boys' shirts and nightwear	-	2.2	4.7	-	1.5	3.5	-	3.3	5.1	-	2.1	3.5	-	.7	.9
2327	Men's and boys' separate trousers	-	3.2	5.3	-	1.9	4.3	-	2.8	5.3	-	2.2	4.0	-	.1	.5
2328	Men's and boys' work clothing	-	3.3	5.5	-	2.7	4.6	-	3.8	5.3	-	2.9	4.1	-	.3	.5
234	Women's and children's undergarments	-	2.6	4.9	-	1.7	3.3	-	5.1	5.3	-	2.0	3.0	-	2.3	1.5
2341	Women's and children's underwear	-	2.6	5.1	-	1.6	3.5	-	5.2	5.4	-	2.1	3.2	-	2.4	1.5
2342	Corsets and allied garments	-	2.6	4.5	-	1.8	3.0	-	4.8	4.8	-	1.6	2.4	-	2.1	1.7
26	PAPER AND ALLIED PRODUCTS	2.6	1.8	2.8	1.7	1.2	2.0	3.1	2.8	3.1	1.2	.9	1.5	1.2	1.2	.9
261,2,6	Paper and pulp mills	-	1.2	1.7	-	.6	1.1	-	1.6	2.0	-	.5	.8	-	.6	.7
263	Paperboard mills	-	1.4	2.0	-	1.0	1.5	-	1.7	2.3	-	.7	1.0	-	.6	.6
264	Misc. converted paper products	-	2.2	3.2	-	1.5	2.4	-	3.2	3.4	-	1.1	1.7	-	1.5	.9
2643	Bags, except textile bags	-	2.5	3.8	-	1.8	2.8	-	3.0	4.1	-	1.3	2.2	-	1.1	1.2
265	Paperboard containers and boxes	-	2.3	3.7	-	1.6	2.8	-	3.7	4.0	-	1.3	2.0	-	1.7	1.1
2651,2	Folding and setup paperboard boxes	-	2.3	3.8	-	1.5	2.7	-	4.7	4.3	-	1.5	2.1	-	2.3	1.4
2653	Corrugated and solid fiber boxes	-	1.8	3.3	-	1.5	2.7	-	3.3	3.6	-	1.2	2.0	-	1.4	.7
	PRINTING AND PUBLISHING	3.3	2.1	2.8	2.5	1.5	2.1	3.2	2.7	3.0	1.6	1.2	1.6	1.0	1.0	.8
28	CHEMICALS AND ALLIED PRODUCTS	2.1	1.2	1.9	1.4	.8	1.3	2.7	1.8	2.2	.8	.6	.9	.8	.7	.7
281	Industrial chemicals	-	.7	1.2	-	.5	.8	-	1.4	1.7	-	.3	.6	-	.4	.5
282	Plastics materials and synthetics	-	1.1	1.6	-	.8	1.1	-	1.4	1.7	-	.4	.7	-	.4	.4
2821	Plastics materials and resins	-	.8	1.3	-	.6	.9	-	1.1	1.6	-	.4	.7	-	.2	.4
2823,4	Synthetic fibers	-	1.4	1.8	-	1.0	1.1	-	1.6	1.7	-	.5	.8	-	.7	.4
283	Drugs	-	1.1	1.7	-	.8	1.3	-	1.3	1.8	-	.6	.9	-	.2	.4
2834	Pharmaceutical preparations	-	1.3	1.9	-	.9	1.4	-	1.4	2.0	-	.6	1.0	-	.3	.5
284	Soap, cleaners, and toilet goods	-	1.9	3.0	-	1.2	2.1	-	3.3	3.3	-	.9	1.4	-	1.7	1.2
2841	Soap and other detergents	-	1.4	2.2	-	.5	1.0	-	2.6	2.6	-	.5	.6	-	1.5	1.4
2844	Toilet preparations	-	2.2	3.9	-	1.6	2.9	-	5.1	4.3	-	1.2	1.8	-	2.8	1.4
285	Paints and allied products	-	1.1	2.2	-	.8	1.8	-	1.6	2.4	-	.6	1.2	-	.3	.4
286,9	Other chemical products	-	1.4	2.4	-	.9	1.4	-	2.9	3.1	-	.8	1.0	-	1.6	1.4
29	PETROLEUM AND COAL PRODUCTS	2.0	.9	1.8	1.3	.7	1.5	1.6	2.2	2.0	.5	.4	.8	.4	1.0	.6
291	Petroleum refining	-	.8	1.3	-	.6	1.0	-	1.4	1.6	-	.2	.5	-	.5	.5
295,9	Other petroleum and coal products	-	1.4	4.0	-	1.2	3.4	-	5.4	4.1	-	1.1	2.1	-	3.5	1.1
30	RUBBER AND PLASTICS PRODUCTS, N E C	4.4	2.4	4.2	2.9	1.7	2.9	3.9	3.3	4.2	1.9	1.3	2.0	1.1	1.3	1.2
301	Tires and inner tubes	-	1.0	1.8	-	.4	1.0	-	1.3	1.7	-	.3	.6	-	.4	.3
302,3,6	Other rubber products	-	2.3	3.9	-	1.6	2.5	-	2.8	4.0	-	1.2	1.9	-	.8	1.2
307	Miscellaneous plastics products	-	3.2	5.4	-	2.3	4.0	-	4.5	5.4	-	1.8	2.7	-	1.9	1.6

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		
		Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971	Jan. 1972 ^P	Dec. 1971	Avg. 1971
<i>Nondurable Goods--Continued</i>																
31	LEATHER AND LEATHER PRODUCTS	6.9	4.7	5.8	4.7	3.2	4.0	5.9	6.0	6.3	3.3	2.5	3.1	1.4	2.6	2.1
311	Leather tanning and finishing	-	3.0	4.6	-	2.0	3.4	-	3.8	5.0	-	1.5	2.3	-	1.6	1.9
314	Footwear, except rubber	-	5.2	5.8	-	3.6	3.9	-	5.1	6.2	-	2.7	3.3	-	1.5	1.9
NONMANUFACTURING																
10	METAL MINING	3.1	1.8	2.9	1.9	1.4	2.2	4.8	2.6	3.3	1.6	1.0	1.8	2.4	1.0	.7
101	Iron ores	-	1.0	2.3	-	.2	.9	-	3.5	3.1	-	.2	.8	-	2.9	1.4
102	Copper ores	-	1.6	2.8	-	1.1	2.2	-	1.7	2.8	-	.9	1.7	-	.3	.4
11,12	COAL MINING	2.2	1.9	1.9	1.9	1.5	1.5	1.5	1.2	1.7	.7	.7	.9	.3	.2	.3
12	Bituminous coal and lignite mining	-	2.0	1.9	-	1.4	1.5	-	1.1	1.7	-	.6	.9	-	.1	.2
COMMUNICATION:																
481	Telephone communication	-	.7	1.6	-	-	-	-	1.0	1.5	-	.7	1.1	-	.1	.1
482	Telegraph communication ²	-	1.5	1.4	-	-	-	-	2.2	1.7	-	1.2	1.1	-	.3	.3

¹ Less than 0.05
² Data relate to all employees except messengers.
^P Preliminary

ESTABLISHMENT DATA
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	4.3p											
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	3.0p											
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	4.2p											
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	2.0p											
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	1.3p											

p=preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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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	
Dec. 1971	Nov. 1971	Dec. 1971	Nov. 1971	Dec. 1971	Nov. 1971	Dec. 1971	Nov. 1971	Dec. 1971	Nov. 1971	
ALABAMA:										
Birmingham	2.8	3.1	1.1	1.6	3.0	3.4	0.7	1.1	1.6	1.8
Mobile ¹	4.6	6.9	.7	1.5	7.3	8.2	.9	1.2	5.9	6.7
ALASKA	(*)	4.6	(*)	4.2	(*)	14.8	(*)	3.9	(*)	9.9
ARIZONA	3.6	4.4	2.6	3.4	3.6	4.3	2.0	2.3	.8	1.1
Phoenix	3.0	4.3	2.1	3.1	3.2	3.9	1.7	2.1	.7	.9
ARKANSAS										
Fort Smith	4.2	5.9	3.1	4.7	5.2	6.3	2.7	3.7	1.8	1.8
Little Rock-North Little Rock	4.4	6.6	3.6	5.4	5.3	6.9	2.8	4.1	1.7	1.9
Pine Bluff	6.2	5.9	3.2	5.5	7.5	7.0	3.0	3.8	3.4	1.9
	2.1	4.2	1.8	3.1	2.7	5.0	1.9	2.8	.5	1.6
COLORADO										
Denver	3.6	4.9	2.1	3.2	4.8	5.2	1.7	1.9	2.4	2.6
	3.2	4.1	2.3	3.3	4.4	4.1	1.8	2.0	1.8	1.3
CONNECTICUT										
Hartford	1.7	2.2	1.1	1.5	2.5	2.4	.8	1.0	1.0	.9
	1.3	1.7	.8	1.1	2.0	2.2	.6	.7	.8	1.0
DELAWARE¹										
Wilmington ¹	1.6	1.9	.8	1.3	2.2	2.2	.7	.8	.7	.5
	1.3	1.5	.6	.9	2.2	1.8	.6	.7	.8	.3
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	1.9	(*)	1.8	(*)	2.0	(*)	1.4	(*)	.2
FLORIDA										
Fort Lauderdale-Hollywood	5.2	6.8	4.2	5.4	5.7	5.3	3.2	3.2	1.5	1.1
Jacksonville	3.4	6.8	2.8	6.1	3.5	6.2	2.0	4.0	.5	1.3
Miami	4.9	6.8	2.8	4.4	6.3	5.5	2.1	2.2	3.2	2.2
Orlando	3.8	5.1	3.3	4.1	4.6	4.3	2.4	2.4	1.6	1.0
Pensacola	6.7	8.2	5.0	5.9	5.2	5.4	3.7	3.0	.8	1.3
Tampa-St. Petersburg	.8	1.2	.8	1.0	1.3	2.1	.7	1.1	.4	.7
West Palm Beach	6.0	7.7	5.1	6.4	7.6	6.8	4.2	4.7	2.7	1.2
	5.5	8.3	3.3	6.2	5.2	7.4	1.7	2.8	2.1	3.7
GEORGIA										
Atlanta ²	3.2	4.6	2.6	3.8	3.8	4.4	2.5	3.0	.5	.5
	2.5	3.7	2.0	3.1	3.5	3.9	1.9	2.3	.8	.7
HAWAII³										
	2.1	2.4	1.1	1.1	1.3	2.0	.7	.8	.2	.4
IDAHO⁴										
	3.4	2.7	2.3	2.3	7.4	7.1	1.7	2.0	5.1	4.4
ILLINOIS:										
Chicago	1.9	2.6	1.3	1.9	2.8	3.0	1.1	1.2	.9	1.0
INDIANA¹										
Indianapolis ⁵	2.0	2.3	.7	1.1	2.8	3.0	.6	.8	1.6	1.5
	1.3	2.1	.5	.9	1.8	2.8	.5	.8	.7	1.2
IOWA										
Cedar Rapids	1.7	2.6	1.2	1.6	3.9	2.6	.8	1.2	2.6	.1
Des Moines	1.1	2.6	.8	.9	2.4	2.7	.6	.8	1.5	1.3
	3.0	2.9	1.9	1.3	2.7	2.2	.8	1.2	.8	.4
KANSAS										
Topeka	2.7	3.5	1.8	2.0	2.6	3.2	1.3	1.5	.9	1.1
Wichita	3.5	3.5	2.9	1.6	1.5	1.3	.8	.5	.5	.5
	2.0	4.4	1.1	1.5	1.8	2.5	1.0	1.2	.5	.6
KENTUCKY										
Louisville	2.4	2.8	1.1	1.7	2.4	2.8	.9	1.0	1.0	1.0
	1.7	2.0	.6	1.1	2.0	2.8	.7	.7	.6	1.4
LOUISIANA:										
New Orleans	1.7	4.0	1.3	2.7	3.8	4.2	1.4	1.6	1.1	1.2
MAINE										
Portland	4.4	5.1	2.9	3.3	6.4	5.8	2.1	2.3	3.5	2.7
	2.8	3.5	2.2	2.5	3.5	2.8	1.3	1.7	1.7	.5
MARYLAND										
Baltimore	2.0	2.8	1.2	1.9	3.2	3.7	1.0	1.3	1.4	1.7
	1.9	2.7	1.1	1.7	2.8	3.6	1.0	1.2	1.2	1.6
MASSACHUSETTS										
Boston	2.4	3.1	1.7	2.2	3.8	3.2	1.3	1.4	1.7	1.1
	2.2	2.9	1.7	2.1	3.4	2.9	1.3	1.2	1.3	1.0
MICHIGAN										
Detroit	1.6	2.4	.6	1.1	2.7	3.0	.5	.7	1.5	1.5
	1.6	2.4	.6	1.1	2.8	2.9	.5	.7	1.4	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	
Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	
MINNESOTA	(*)	3.1	(*)	1.9	(*)	4.4	(*)	1.3	(*)	2.4
Minneapolis-St. Paul	(*)	2.5	(*)	1.4	(*)	3.8	(*)	1.0	(*)	2.0
MISSISSIPPI:										
Jackson	2.4	4.0	2.0	3.1	3.4	3.8	1.6	2.3	1.2	.7
MISSOURI	2.3	2.9	1.4	1.8	3.2	3.2	1.1	1.3	1.5	1.3
Kansas City	1.8	2.8	1.2	1.7	2.8	2.8	1.0	1.2	1.3	1.0
St. Louis	1.9	1.7	1.0	1.0	3.0	2.7	.6	.7	1.7	1.4
MONTANA	2.0	2.1	1.6	1.8	3.1	3.6	1.5	1.8	.9	1.2
NEBRASKA	2.9	3.8	2.2	2.6	3.2	4.2	1.5	1.9	1.1	1.6
NEVADA	(*)	3.0	(*)	2.8	(*)	4.1	(*)	2.2	(*)	1.0
NEW HAMPSHIRE	3.1	4.5	2.6	3.8	3.6	3.7	2.1	2.3	.8	.5
NEW JERSEY:										
Camden ⁶	1.6	2.8	1.2	2.3	2.5	3.4	1.0	1.2	.9	1.4
Jersey City	2.2	2.5	1.2	1.9	4.3	3.2	.8	1.0	2.7	1.5
Newark	2.2	2.8	1.3	2.1	4.3	2.6	1.0	1.0	2.6	.9
Paterson-Clifton-Passaic	2.0	2.9	1.4	2.3	3.6	3.6	1.0	1.3	1.8	1.5
Perth Amboy	1.9	2.3	1.3	1.6	2.5	3.1	1.0	1.1	.9	1.2
Trenton	2.1	2.8	1.7	2.1	2.9	2.6	1.3	1.2	.9	.8
NEW YORK	2.4	3.0	1.4	1.9	4.8	3.9	1.0	1.2	3.0	2.0
Albany-Schenectady-Troy	1.3	1.7	.7	1.1	2.0	2.2	.6	.8	.6	.6
Binghamton	1.4	1.8	.9	1.1	2.9	2.0	.7	.9	.3	.4
Buffalo	1.2	2.4	.4	.8	3.3	2.6	.4	.6	2.4	1.5
Elmira	2.4	2.0	.9	1.1	2.2	4.1	.6	.8	1.0	2.8
Monroe County	1.7	1.6	1.4	1.2	3.5	1.6	.6	.7	1.2	.5
Nassau and Suffolk Counties ⁸	3.5	4.1	2.2	3.2	4.0	4.3	1.5	1.9	1.7	1.6
New York SMSA	3.1	3.7	1.9	2.5	6.1	4.8	1.3	1.4	4.0	2.6
New York City ⁸	3.1	3.8	1.9	2.5	6.7	5.1	1.2	1.4	4.7	3.0
Rochester	1.8	1.8	1.5	1.4	4.0	2.0	.7	.9	1.7	.7
Syracuse	1.7	2.0	.9	1.2	2.8	2.6	.7	.7	1.5	1.2
Utica-Rome	1.4	1.8	.9	1.1	4.9	4.3	.5	.8	3.6	2.6
Westchester County ⁸	2.0	2.4	1.2	1.6	3.8	2.9	1.0	1.0	1.5	1.1
NORTH CAROLINA	3.1	4.6	2.5	3.8	3.6	4.5	2.3	3.0	.6	.6
Charlotte	2.9	4.6	2.7	4.1	3.2	4.9	2.4	3.6	.2	.7
Greensboro-Winston-Salem-High Point	2.7	4.1	2.2	3.5	3.0	4.1	2.0	2.5	.3	.8
NORTH DAKOTA	3.8	7.0	3.2	3.2	5.6	8.1	1.6	1.7	2.7	5.7
Fargo-Moorhead	(*)	4.8	(*)	3.3	(*)	5.3	(*)	1.5	(*)	2.9
OHIO	1.9	2.2	.8	1.0	2.5	2.9	.6	.7	1.3	1.6
Akron	1.2	1.2	.5	.5	2.1	2.3	.4	.4	1.3	1.5
Canton	2.7	2.8	1.0	1.0	2.5	3.1	.8	.6	1.1	1.8
Cincinnati	1.6	1.9	.9	1.0	2.7	2.8	.6	1.0	1.5	1.2
Cleveland	2.0	2.4	.9	1.1	2.5	2.5	.7	.7	1.1	1.2
Columbus	1.7	1.9	1.2	1.3	2.3	2.9	.9	.9	.8	1.4
Dayton	1.3	1.4	.6	.8	2.2	2.7	.4	.6	1.0	1.3
Toledo	2.0	2.8	1.0	1.2	2.3	3.7	.7	.6	.7	2.0
Youngstown-Warren	2.8	2.7	.2	.5	2.9	3.8	.3	.4	2.1	2.6
OKLAHOMA	3.9	4.5	2.9	3.9	4.3	4.9	2.1	2.8	1.5	1.2
Oklahoma City	4.2	4.9	2.7	3.9	4.8	5.4	2.6	2.9	1.3	1.3
Tulsa ⁹	3.8	3.9	3.4	3.5	4.0	5.3	1.9	2.8	1.2	1.4
OREGON ¹	3.0	3.7	2.1	2.8	4.7	4.8	1.5	1.7	2.5	2.4
Portland ¹	2.6	3.6	1.6	2.4	3.5	4.5	1.2	1.3	1.6	2.6
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	2.1	2.5	1.0	1.5	3.2	3.1	.8	1.0	1.8	1.4
Altoona	2.8	2.8	1.5	2.2	3.4	3.9	1.4	2.0	1.6	1.6
Erie	2.1	3.2	1.0	1.9	8.5	3.8	.9	1.3	6.8	1.5
Harrisburg	1.6	3.3	.9	2.0	3.3	2.8	1.0	1.1	1.7	1.0
Johnstown	3.7	6.5	.7	1.3	4.3	4.4	.7	.9	3.1	3.0
Lancaster	1.6	2.5	1.2	2.0	4.3	2.9	1.1	1.4	2.6	1.0

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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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	
	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971	Dec. p 1971	Nov. 1971
PENNSYLVANIA—Continued										
Philadelphia SMSA	2.0	2.7	1.2	1.7	2.9	3.1	0.9	1.1	1.3	1.4
Pittsburgh	2.9	2.2	.3	.5	2.6	3.6	.3	.3	1.8	2.8
Reading	1.9	3.8	1.3	2.6	3.0	2.5	1.0	1.3	1.5	.7
Scranton	2.5	3.6	1.5	2.3	4.7	5.2	1.2	1.5	3.0	3.2
Wilkes-Barre—Hazleton	2.5	3.4	1.9	2.0	4.7	3.4	1.3	1.4	2.9	1.5
York	3.3	3.6	2.3	3.0	5.4	4.6	1.9	2.3	2.8	1.6
RHODE ISLAND										
Providence—Pawtucket—Warwick	3.4	5.2	2.5	4.0	5.4	5.1	2.2	2.4	2.4	1.9
	3.2	5.1	2.4	4.0	5.4	5.1	2.2	2.6	2.4	1.7
SOUTH CAROLINA:										
Greenville	4.1	5.8	3.5	5.1	4.0	4.7	3.0	3.8	.2	.1
SOUTH DAKOTA										
Sioux Falls	4.5	4.7	2.0	3.1	4.9	4.8	1.3	1.6	3.2	2.8
	7.3	5.5	1.4	1.8	7.9	7.7	1.1	1.4	6.2	5.7
TENNESSEE:										
Memphis	2.4	4.2	1.7	3.3	4.3	4.1	1.3	2.0	2.3	1.1
TEXAS:										
Dallas	2.5	3.1	2.0	2.5	2.7	3.6	1.7	2.1	.4	.8
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston	2.5	2.6	2.1	2.3	2.7	3.0	1.5	1.8	.5	.5
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH⁴										
Salt Lake City ⁴	3.1	4.4	2.5	3.5	8.8	4.1	1.7	2.1	6.6	1.4
	2.6	4.2	2.4	3.8	3.9	3.5	2.0	2.0	1.5	.9
VERMONT										
Burlington	2.6	2.9	1.8	2.2	3.2	3.2	.9	1.2	1.7	1.4
Springfield .....	.8	1.1	.4	.6	1.8	1.6	.4	.8	1.0	.5
	2.6	1.5	1.7	.9	3.1	3.2	.7	.9	2.2	1.7
VIRGINIA										
Richmond	3.1	4.1	2.3	3.3	3.4	3.9	1.8	2.1	.9	1.0
	1.9	2.9	1.6	2.5	1.9	2.6	1.2	1.4	.1	1.4
WASHINGTON:										
Seattle—Everett ¹⁰	3.0	3.0	1.2	1.2	3.8	2.7	.7	.6	2.8	1.7
WEST VIRGINIA:										
Charleston .....	.4	.3	.2	.2	1.3	1.4	.1	.2	.9	.8
WISCONSIN										
Milwaukee	2.0	2.3	1.0	1.3	3.1	3.3	.7	.9	1.8	1.8
	2.0	2.3	1.1	1.4	3.0	2.8	.8	.9	1.4	1.1
WYOMING										
	2.8	3.9	1.8	3.2	5.8	6.7	2.0	2.6	3.1	3.2

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.

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	87p												
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	.5p												
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	25p												
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	.1p												

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.

NOTE: Data for the period prior to July 1971 have been revised to reflect current benchmark employment levels and are comparable to the data for the months after that date.

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

Industry division and group	1972	1971											
	Jan. ^p	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
Job vacancy rates ¹													
Manufacturing	0.5	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
Durable goods	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4
Nondurable goods	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.5	.5	.5
Selected durable goods industries:													
Primary metal industries	.2	.1	.1	.2	.2	.2	.2	.2	.3	.4	.3	.3	.3
Machinery, except electrical	.5	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4
Electrical equipment and supplies	.5	.5	.5	.6	.5	.6	.5	.5	.5	.5	.4	.4	.4
Transportation equipment	.5	.3	.4	.4	.5	.6	.5	.4	.4	.4	.4	.3	.4
Instruments and related products	.6	.6	.6	.7	.8	.8	.8	.9	.7	.8	.6	.5	.6
Selected nondurable goods industries:													
Textile mill products	.8	.8	.8	.9	.9	1.0	.8	.9	.9	.8	.8	.6	.7
Apparel and other textile products	1.2	1.1	1.0	1.2	1.2	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2
Printing and publishing	.4	.3	.3	.4	.3	.4	.3	.3	.3	.4	.4	.4	.4
Chemicals and allied products	.4	.3	.3	.4	.4	.4	.4	.5	.4	.5	.4	.4	.4
Long-term job vacancy rates ²													
Manufacturing	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2
Durable goods	.1	.1	.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	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Electrical equipment and supplies	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Transportation equipment	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1
Instruments and related products	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1
Selected nondurable goods industries:													
Textile mill products	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Apparel and other textile products	.5	.5	.5	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7
Printing and publishing	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1
Long-term job vacancies as a percent of job vacancies ³													
Manufacturing	29	33	32	31	28	27	29	28	29	30	32	34	34
Durable goods	25	30	28	28	25	24	24	23	24	24	27	26	30
Nondurable goods	33	37	35	34	32	30	33	34	33	37	37	41	38
Selected durable goods industries:													
Primary metal industries	18	29	28	29	26	29	24	30	30	24	28	23	24
Machinery, except electrical	23	29	30	31	27	26	28	30	32	28	29	31	35
Electrical equipment and supplies	20	30	26	24	22	18	20	15	16	17	19	16	26
Transportation equipment	31	29	23	33	25	26	26	23	22	23	22	24	25
Instruments and related products	19	25	15	17	21	17	18	21	19	18	31	19	20
Selected nondurable goods industries:													
Textile mill products	21	28	24	22	20	20	19	20	21	23	20	26	23
Apparel and other textile products	47	50	52	51	49	45	48	49	51	53	55	55	53
Printing and publishing	24	22	24	23	22	21	19	26	19	20	21	21	20
Chemicals and allied products	27	29	27	30	26	31	29	36	36	40	35	44	35

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.

NOTE: Data for the period prior to July 1971 have been revised to reflect current benchmark employment levels and are comparable to the data for the months after that date. Revised data back to April 1969 will be published as a special section in the March 1972 issue of Employment and Earnings.

**ESTABLISHMENT DATA
NATIONAL AND AREA JOB VACANCY**

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

Industry division and group	1972	1971											
	Jan. P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
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	52.7	51.4	49.9	50.3	52.3	50.6	50.6	48.8	47.7	49.6	47.8	49.7	46.7
Primary metal industries	2.5	2.2	2.3	2.3	2.4	2.0	2.3	3.0	4.3	4.9	4.8	5.0	4.2
Machinery, except electrical	9.9	9.7	8.1	8.3	8.5	7.0	7.6	7.2	7.2	7.3	7.9	8.1	8.5
Electrical equipment and supplies	10.1	12.7	10.9	11.1	10.1	10.1	9.6	9.6	8.7	8.7	7.7	9.6	8.5
Transportation equipment	9.0	7.1	9.3	8.7	8.7	9.7	9.3	8.3	8.1	7.9	7.7	7.8	7.9
Instruments and related products	3.0	3.1	3.3	3.3	3.4	3.4	3.8	4.4	3.4	3.6	3.1	2.6	3.1
Other durable goods industries	18.1	16.7	16.1	16.5	19.3	18.5	18.0	16.4	16.1	17.1	16.6	16.5	14.7
Nondurable goods	47.3	48.6	50.1	49.7	47.7	49.4	49.4	51.2	52.3	50.4	52.2	50.3	53.3
Textile mill products	9.4	10.0	10.4	10.2	9.2	9.5	8.6	9.3	9.2	8.8	9.1	7.6	8.0
Apparel and other textile products	18.0	18.8	18.2	18.0	17.5	18.3	19.2	19.7	19.0	19.5	21.4	20.8	20.8
Printing and publishing	4.4	4.6	4.3	4.4	3.8	4.1	4.0	3.9	3.9	4.3	4.7	4.9	6.0
Chemicals and allied products	4.3	4.0	4.2	4.4	3.9	3.7	4.6	4.7	5.0	4.8	5.5	5.6	4.9
Other nondurable goods industries	11.3	11.2	13.0	12.8	13.3	13.9	12.8	13.5	15.2	13.0	11.5	11.4	13.6

See note, table E-2.
p=preliminary.

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	
	1971 Dec. P	1971 Nov.	1971 Dec. P	1971 Nov.		1971 Dec. P	1971 Nov.	1971 Dec. P	1971 Nov.
Manufacturing					Nonmanufacturing				
United States ³	0.4	0.4	0.1	0.1					
Albany-Schenectady-Troy, N.Y. . . . .	.2	.2	.1	.1	Mining:				
Atlanta, Ga. . . . .	.4	.4	.1	.1	New Orleans, La. . . . .	.1	.2	*	*
Baltimore, Md. . . . .	.5	.4	.2	.2	Phoenix, Ariz.	(⁵)	(⁵)	(⁵)	(⁵)
Boston, Mass. . . . .	.6	.4	.1	.1	Portland, Oreg.	(⁵)	(⁵)	(⁵)	(⁵)
Buffalo, N.Y. . . . .	.1	.2	.1	.1	Construction:				
Cedar Rapids, Iowa . . . . .	.1	.3	*	*	Portland, Oreg. . . . .	.1	.1	*	*
Dallas, Tex. . . . .	.4	.6	.1	.3	Wholesale and Retail				
Denver, Colo. . . . .	.4	.5	.2	.1	Trade:				
Des Moines, Iowa . . . . .	.6	.4	.1	.2	Boston, Mass. . . . .	.2	.4	.1	.1
Detroit, Mich. . . . .	.1	.1	*	.1	Phoenix, Ariz. . . . .	.2	.3	*	*
Greensboro-Winston-Salem-Highpoint, N.C.	1.0	1.0	.3	.3	Portland, Oreg. . . . .	.4	.8	*	*
Greenville, S.C. . . . .	.8	.8	.1	.1	Finance, Insurance and Real Estate:				
Houston, Tex. . . . .	.5	.5	.3	.2	Boston, Mass.	1.2	1.3	.3	.4
Jersey City, N.J. . . . .	.1	.2	*	*	Hartford, Conn.	2.3	2.0	1.2	1.2
Kansas City, Mo. . . . .	.2	.2	*	*	Phoenix, Ariz.	1.0	.6	.1	.1
Little Rock-North Little Rock, Ark. . . . .	.3	.3	.1	*	Portland, Oreg. . . . .	.6	.6	.2	.2
Memphis, Tenn. . . . .	.2	.2	.1	.1	Salt Lake City, Utah . . . . .	.6	.5	*	.1
Miami, Fla. . . . .	.7	.7	.1	.1	Service:				
Milwaukee, Wisc. . . . .	.3	.3	.1	.1	Boston, Mass. . . . .	.9	.8	.3	.4
Minneapolis-St. Paul, Minn. . . . .	.2	.2	*	*	Phoenix, Ariz. . . . .	.8	.6	.1	.1
Newark, N.J. . . . .	.4	.3	.1	.1	Portland, Oreg. . . . .	.5	.6	.1	.1
New York, N.Y. . . . .	.5	.5	.2	.2	Government:				
Oklahoma City, Okla. . . . .	.6	.4	*	*	Atlanta, Ga.	1.3	1.3	.7	.8
Paterson-Clifton-Passaic, N.J. . . . .	.2	.3	*	*	Boston, Mass. . . . .	.9	.8	.6	.6
Perth Amboy, N.J. . . . .	.4	.4	.1	.1	Phoenix, Ariz. . . . .	.6	.7	.2	.3
Philadelphia, Pa. . . . .	.4	.4	.1	.1	Portland, Oreg. ⁶ . . . . .	.7	1.2	.3	.2
Phoenix, Ariz. . . . .	.4	.6	.1	.2	All Nonagricultural Industries				
Portland, Oreg. . . . .	.3	.3	.1	*	Phoenix, Ariz. . . . .	.5	.5	.1	.1
Providence-Pawtucket-Warwick, R.I. . . . .	.7	.7	.1	.1	Portland, Oreg. . . . .	.4	.6	.1	.1
Richmond, Va. . . . .	.2	.2	.1	.1	Salt Lake City, Utah . . . . .	.6	.5	.1	.1
St. Louis, Mo. . . . .	.2	.2	.1	.1					
Salt Lake City, Utah . . . . .	.8	.5	*	*					
Sioux Falls, S.D. . . . .	.6	.4	*	*					
Syracuse, N.Y. . . . .	.2	.2	*	.1					
Tampa-St. Petersburg, Fla. . . . .	.5	.8	.1	.1					
Wichita, Kans.	1.0	1.6	.3	.3					

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 education.
* Less than 0.05.
p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Feb. 1972	Jan. 1972	Feb. 1971	Change from ¹		Feb. 1972	Jan. 1972	Feb. 1971
				Jan. 1972	Feb. 1971			
TOTAL ^{2,3}	2,551.3	*2,527.4	2,743.5	23.8	-192.3	4.8	4.8	5.2
SEASONALLY ADJUSTED	1,861.0	*1,816.1	2,009.6	44.9	-139.6	3.5	3.4	3.7
Alabama	28.3	30.7	27.4	-2.5	.9	4.0	4.3	3.9
Alaska	8.7	6.8	7.8	2.0	.9	15.4	11.9	14.1
Arizona	13.6	12.2	15.4	1.4	-1.8	3.4	3.1	4.0
Arkansas	20.0	22.3	23.2	-2.3	-3.3	5.0	5.5	5.8
California	300.4	295.8	351.9	4.6	-51.5	5.8	5.7	6.6
Colorado	10.6	10.7	9.4	.1	1.2	2.0	2.1	1.9
Connecticut	70.1	73.5	79.5	-3.4	-9.5	6.9	7.2	7.7
Delaware	9.3	5.7	6.8	3.6	2.6	5.5	3.4	4.0
District of Columbia	7.2	6.8	8.5	.4	-1.3	2.1	2.0	2.4
Florida	35.2	36.1	40.9	-.9	-5.7	2.3	2.3	2.7
Georgia	21.1	21.7	25.9	-.6	-4.8	1.9	1.9	2.3
Hawaii	13.6	13.1	10.0	.5	3.6	5.1	4.9	4.0
Idaho	10.5	10.5	9.9	.1	.7	6.7	6.7	6.4
Illinois	138.1	118.9	130.6	19.2	7.5	4.4	3.8	4.0
Indiana	49.5	48.8	61.3	.7	-11.9	3.6	3.6	4.3
Iowa	25.4	21.3	25.1	4.1	.3	4.4	3.7	4.3
Kansas	17.2	16.4	24.7	.8	-7.5	4.0	3.8	5.6
Kentucky	29.3	28.0	32.8	1.3	-3.5	4.6	4.4	5.3
Louisiana	36.2	33.2	34.3	3.1	2.0	5.0	4.6	4.7
Maine	18.2	17.5	18.0	.7	.2	8.2	7.9	8.0
Maryland	42.1	42.8	38.6	-.7	3.5	4.4	4.5	4.1
Massachusetts	108.7	110.2	122.3	-1.5	-13.6	6.4	6.4	7.0
Michigan	137.0	*131.7	164.9	5.3	-27.9	5.9	*5.7	6.7
Minnesota	49.1	48.0	51.8	1.1	-2.7	5.1	4.9	5.3
Mississippi	10.3	10.3	15.1	-	-4.8	2.6	2.6	3.9
Missouri	62.5	53.9	70.5	8.6	-8.0	5.3	4.6	5.9
Montana	9.8	9.2	9.1	.5	.6	7.7	7.2	7.3
Nebraska	10.4	9.3	10.8	1.1	-.3	3.4	3.0	3.5
Nevada	12.8	14.1	9.3	-1.3	3.5	7.8	8.6	5.8
New Hampshire	6.9	7.0	8.9	-.1	-2.1	3.6	3.7	4.5
New Jersey	128.9	131.9	140.9	-3.0	-12.1	6.3	6.4	6.8
New Mexico	8.8	8.5	10.4	.3	-1.6	4.6	4.5	5.6
New York	329.2	339.1	314.9	-9.9	14.3	5.8	6.0	5.5
North Carolina	32.3	35.9	49.0	-3.6	-16.8	2.4	2.7	3.6
North Dakota	6.5	6.1	6.7	.4	-.2	7.3	6.9	7.9
Ohio	113.8	112.9	124.9	.9	-11.1	3.9	3.9	4.2
Oklahoma	20.8	20.0	22.0	.8	-1.2	4.2	4.0	4.5
Oregon	36.8	36.4	41.0	.4	-4.2	6.7	6.7	7.5
Pennsylvania	179.9	183.1	169.2	-3.2	10.7	5.4	5.5	4.9
Puerto Rico ²	53.0	60.2	40.9	-7.1	12.1	12.3	13.2	10.0
Rhode Island	18.6	18.8	21.0	-.2	-2.4	6.7	6.8	7.5
South Carolina	15.3	16.6	22.6	-1.4	-7.3	2.4	2.7	3.7
South Dakota	4.4	3.9	3.8	.4	.6	4.6	4.1	4.0
Tennessee	36.8	39.3	50.8	-2.5	-14.0	3.8	4.1	5.3
Texas	46.1	48.3	58.7	-2.2	-12.6	1.8	1.9	2.3
Utah	13.3	12.7	11.2	.6	2.0	5.6	5.3	5.1
Vermont	7.7	7.6	8.1	.1	-.4	7.6	7.5	7.9
Virginia	14.9	14.8	19.1	.1	-4.2	1.5	1.4	1.9
Washington	83.5	80.1	88.6	3.4	-5.1	10.6	10.2	10.9
West Virginia	25.3	22.9	21.6	2.4	3.8	6.9	6.2	6.0
Wisconsin	61.1	59.9	70.9	1.2	-9.8	5.5	5.4	6.1
Wyoming	2.5	2.1	2.6	.4	-.1	3.4	2.9	3.6

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

F-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	Feb. 1972	Feb. 1971	State and area	Feb. 1972	Feb. 1971	State and area	Feb. 1972	Feb. 1971	State and area	Feb. 1972	Feb. 1971
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	7.8	5.5	Evansville.....	2.8	2.7	Manchester.....	1.1	1.5	continued		
Mobile.....	2.8	2.9	Ft. Wayne.....	1.7	3.0				York.....	3.3	3.1
			Gary-Hammond..	8.5	5.0						
			Indianapolis....	8.3	12.1	NEW JERSEY			PUERTO RICO		
ARIZONA			South Bend.....	2.5	4.2	Atlantic City....	5.8	6.5	Mayaguez.....	2.9	2.1
Phoenix.....	8.2	10.4	Terre Haute.....	2.2	2.5	Jersey City.....	16.5	18.6	Ponce.....	3.4	2.2
						Newark.....	33.7	36.7	San Juan.....	10.1	7.8
			IOWA			New Brunswick..	12.7	13.1			
ARKANSAS			Cedar Rapids....	3.1	3.2	Paterson.....	24.7	27.7			
Little Rock.....	1.8	2.0	Des Moines.....	2.8	2.1	Trenton.....	3.6	4.3			
									RHODE ISLAND		
CALIFORNIA			KANSAS			NEW MEXICO			Providence.....	20.4	24.0
Anaheim-S. Ana-			Wichita.....	4.1	9.0	Albuquerque....	3.0	3.6			
garden Grove..	17.5	22.6							SOUTH CAROLINA		
Fresno.....	8.6	7.3	KENTUCKY			NEW YORK			Charleston.....	2.1	2.2
Los Angeles....	108.9	144.9	Louisville.....	7.9	10.0	Albany.....	10.6	9.1	Greenville.....	1.2	3.4
Sacramento.....	13.4	12.4				Binghamton....	3.9	5.5			
San Bernardino..	12.8	15.7	LOUISIANA			Buffalo.....	30.6	27.3			
San Diego.....	18.0	20.1	Baton Rouge....	2.5	2.3	New York.....	217.1	199.2			
San Francisco..	49.8	53.7	New Orleans....	9.1	8.5	Rochester.....	10.4	14.7	TENNESSEE		
San Jose.....	17.3	21.4	Shreveport.....	3.1	2.8	Syracuse.....	9.9	9.9	Chattanooga...	1.9	2.8
Stockton.....	7.5	7.6				Utica.....	8.4	7.9	Knoxville.....	4.6	5.3
			MAINE			NORTH CAROLINA			Memphis.....	6.0	7.2
COLORADO			Portland.....	1.6	1.7	Asheville.....	.9	1.9	Nashville.....	4.1	6.0
Denver.....	5.8	5.2	MARYLAND			Charlotte.....	1.9	2.2			
			Baltimore.....	28.7	24.0	Durham.....	.7	1.4	TEXAS		
CONNECTICUT						Greensboro-			Austin.....	.6	.8
Bridgeport.....	11.7	12.2	MASSACHUSETTS			Winstoo-Salem.	3.2	5.0	Beaumont.....	3.5	3.2
Hartford.....	14.9	15.0	Boston.....	46.8	50.1				Corpus Christi..	1.3	1.2
New Britain.....	3.6	4.4	Brockton.....	3.5	3.8	OHIO			Dallas.....	6.6	11.0
New Haven.....	7.9	9.0	Fall River.....	4.7	4.8	Akron.....	7.4	8.0	El Paso.....	2.2	2.2
Stamford.....	3.4	3.9	Lawrence.....	5.9	7.1	Canton.....	5.0	4.0	Ft. Worth.....	5.3	7.1
Waterbury.....	6.6	7.3	Lowell.....	4.3	5.3	Cincinnati.....	18.2	15.4	Houston.....	6.9	6.5
			New Bedford....	5.4	6.6	Cleveland.....	21.9	24.5	San Antonio....	3.0	3.4
DELAWARE			Springfield....	10.6	12.4	Columbus.....	6.2	7.8			
Wilmington.....	9.6	6.5	Worcester.....	6.1	7.5	Dayton.....	7.3	11.9	UTAH		
						Hamilton.....	4.0	3.4	Salt Lake City..	7.3	5.
DIST. OF COL.			MICHIGAN			Lorain.....	2.6	3.1			
Washington.....	13.9	14.3	Battle Creek....	3.0	3.3	Steubenville...	1.6	1.2	VIRGINIA		
			Detroit.....	64.2	82.3	Toledo.....	6.5	7.9	Hampton.....	1.0	1.6
FLORIDA			Flint.....	6.1	6.4	Youngstown....	8.5	6.2	Norfolk.....	1.8	2.5
Jacksonville....	1.4	1.1	Grand Rapids...	8.3	10.5				Richmond.....	.7	1.2
Miami.....	8.5	11.1	Kalamazoo.....	2.9	3.6	OKLAHOMA			Roanoke.....	.5	.6
Tampa.....	5.4	6.8	Lansing.....	4.4	4.7	Oklahoma City.	4.3	3.7			
			Muskegon.....	3.4	3.5	Tulsa.....	3.6	4.7	WASHINGTON		
GEORGIA			Saginaw.....	1.9	2.5				Seattle.....	37.7	47.1
Atlanta.....	6.7	8.0	MINNESOTA			OREGON			Spokane.....	5.8	7.0
Augusta.....	1.6	2.2	Duluth.....	5.7	3.2	Portland.....	17.4	18.4	Tacoma.....	8.1	8.0
Columbus.....	2.2	1.2	Minneapolis....	19.3	24.8						
Macon.....	.9	1.1				PENNSYLVANIA			WEST VIRGINIA		
Savannah.....	1.0	1.4	MISSISSIPPI			Allentown.....	8.5	8.3	Charleston.....	2.7	3.0
			Jackson.....	1.1	1.3	Altoona.....	2.9	2.3	Huntington.....	5.4	3.4
HAWAII						Erie.....	4.1	4.0	Wheeling.....	3.0	2.1
Honolulu.....	11.4	7.6	MISSOURI			Harrisburg.....	3.1	3.7			
			Kansas City....	15.7	14.9	Johnstown.....	5.8	4.8	WISCONSIN		
ILLINOIS			St. Louis.....	38.6	39.4	Lancaster.....	3.2	3.1	Kenosha.....	1.5	5.8
Chicago.....	79.5	74.1				Philadelphia...	62.7	65.8	Madison.....	5.3	2.5
Davenport.....	3.6	5.0	NEBRASKA			Pittsburgh.....	43.2	31.5	Milwaukee.....	18.4	22.3
Peoria.....	4.6	3.8	Omaha.....	4.9	3.6	Reading.....	3.8	4.0	Racine.....	2.1	4.2
Rockford.....	3.6	4.2				Scranton.....	5.8	6.6			
						Wilkes-Barre...	9.2	8.4			

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.

REVISED JOB VACANCY DATA

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Job Vacancy Estimates Reweighted by March 1970 Benchmark Employment

Job vacancy data have been adjusted to reflect the effects of the 1970 benchmark employment adjustment. The tables that follow present the adjusted job vacancy estimates beginning with April 1969 data. A job vacancy benchmark, or a complete count of job vacancies from all employers, is not available; the small revisions in the data are the result of changes in the employment weights only. Reported job vacancy data at the detailed industry levels are weighted using the employment estimates for each industry, and summed to yield estimates for the more inclusive industry and division categories.

The following compares the March 1970 vacancy estimates based on the current benchmark with those for the same month based on the previous benchmark employment levels. As can be seen, the effects of the 1970 benchmark adjustment on the job vacancy estimates were slight. The estimated number of vacancies was changed by only 1,000, or 0.6 percent, and in only one instance was the estimated rate of total job vacancies changed.

Comparison of job vacancy estimates based on previous (1969) benchmarks with revised estimates based on March 1970 benchmarks

Industry division and group	Total Job Vacancies			Long-Term Vacancies		
	Revised Estimate	Previous Estimate	Difference	Revised Estimate	Previous Estimate	Difference
Estimated Number of Job Vacancies in Manufacturing (In thousands)	166	165		67	67	0
Estimated Job Vacancy Rates						
Manufacturing	0.8	0.8	0	0.3	0.3	0
Durable Goods . . . . .	.8	.8	0	.3	.3	0
Nondurable Goods . . . . .	.9	.9	0	.4	.3	.1
Selected Durable Goods Industries:						
Primary metal industries . . . . .	.6	.6	0	.2	.2	0
Machinery, except electrical	1.0	1.0	0	.4	.4	0
Electrical equipment supplies . . . . .	.9	.9	0	.3	.3	0
Transportation equipment . . . . .	.7	.7	0	.3	.3	0
Instruments & related products	1.7	1.7	0	.9	.9	0
Selected Nondurable Goods Industries:						
Textile mill products	1.0	1.0	0	.3	.3	0
Apparel & other Textile products	1.6	1.6	0	.9	.8	.1
Printing & publishing . . . . .	.7	.7	0	.3	.3	0
Chemicals & allied products . . . . .	.9	1.0	-.1	.4	.4	0

For a more detailed description of the employment benchmark, see the September 1971 issue of *Employment and Earnings*.

Table 1. Number and rate of job vacancies in manufacturing

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
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
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
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

See footnotes at end of table 3.

Table 2. Job vacancy rates in manufacturing, by industry

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Job vacancy rates ¹													
Manufacturing:													
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
Durable goods:													
1969	-	-	-	1.6	1.5	1.2	1.3	1.6	1.5	1.2	1.1	1.0	1.4
1970	1.0	.9	.8	.7	.7	.6	.6	.6	.5	.4	.3	.3	.6
1971 .....	.4	.4	.4	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4
Nondurable goods:													
1969	-	-	-	1.3	1.3	1.0	1.2	1.3	1.2	1.1	1.0	.9	1.2
1970 .....	.9	.8	.9	.9	.9	.7	.7	.8	.7	.6	.5	.5	.7
1971 .....	.5	.5	.5	.6	.6	.6	.6	.6	.6	.5	.5	.5	.6
Selected durable goods industries:													
Primary metal industries—													
1969	-	-	-	1.2	1.4	.9	1.0	1.4	1.4	1.2	.9	.7	1.2
1970 .....	.8	.6	.6	.7	.6	.5	.4	.6	.4	.3	.2	.2	.5
1971 .....	.3	.3	.3	.4	.3	.2	.2	.2	.2	.2	.1	.1	.2
Machinery, exc. electrical—													
1969	-	-	-	1.8	1.8	1.6	1.7	1.9	1.8	1.6	1.4	1.2	1.7
1970	1.2	1.0	1.0	.9	.8	.6	.5	.6	.5	.4	.4	.4	.7
1971 .....	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4
Electrical equipment and supplies—													
1969	-	-	-	2.0	1.7	1.6	1.5	1.9	1.8	1.5	1.2	1.2	1.7
1970	1.1	1.1	.9	.8	.7	.6	.6	.7	.6	.4	.4	.4	.7
1971 .....	.4	.4	.4	.5	.5	.5	.5	.6	.5	.6	.5	.5	.5
Transportation equipment—													
1969	-	-	-	1.4	1.4	1.1	1.2	1.5	1.2	1.0	.8	.8	1.3
1970 .....	.8	.6	.7	.5	.6	.5	.5	.6	.4	.4	.4	.4	.5
1971 .....	.4	.3	.4	.4	.4	.4	.5	.6	.5	.4	.4	.3	.4
Instruments and related products—													
1969	-	-	-	2.3	2.3	2.1	2.1	2.3	2.3	1.9	1.6	1.4	2.1
1970	1.6	1.7	1.7	1.5	1.1	.7	.6	.7	.7	.6	.4	.5	1.0
1971 .....	.6	.5	.6	.8	.7	.9	.8	.8	.8	.7	.6	.6	.7
Selected nondurable goods industries:													
Textile mill products—													
1969	-	-	-	1.6	1.4	1.2	1.3	1.5	1.4	1.2	1.0	.9	1.3
1970 .....	.9	.9	1.0	1.1	1.1	.8	.9	1.0	1.0	.8	.6	.6	.9
1971 .....	.7	.6	.8	.8	.9	.9	.8	1.0	.9	.9	.8	.8	.8
Apparel and other textile products—													
1969	-	-	-	1.9	2.0	1.8	2.0	2.0	1.9	1.8	1.6	1.5	1.9
1970	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.5	1.4	1.1	1.1	1.1	1.4
1971	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.2	1.2	1.0	1.1	1.2

See footnotes at end of table 3.

Table 2. Job vacancy rates in manufacturing, by industry—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Job vacancy rates ¹ —Continued													
Selected nondurable goods industries—Continued:													
Printing and publishing—													
1969.....	-	-	-	1.0	1.1	.8	.8	1.3	1.1	.9	.9	.8	1.0
1970.....	.8	.7	.7	.7	.6	.5	.5	.6	.5	.4	.4	.3	.6
1971.....	.4	.4	.4	.4	.3	.3	.3	.4	.3	.4	.3	.3	.4
Chemicals and allied products—													
1969.....	-	-	-	1.4	1.3	1.0	1.1	1.1	1.1	1.0	.9	.8	1.1
1970.....	.9	.9	.9	.8	.8	.7	.6	.6	.6	.4	.4	.5	.7
1971.....	.4	.4	.5	.4	.5	.4	.4	.4	.4	.4	.3	.3	.4
Long-term job vacancy rates ²													
Manufacturing:													
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
Durable goods:													
1969.....	-	-	-	.7	.7	.6	.5	.6	.6	.6	.5	.5	.6
1970.....	.4	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	.2
1971.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Nondurable goods:													
1969.....	-	-	-	.6	.6	.5	.5	.5	.6	.5	.5	.4	.5
1970.....	.4	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3
1971.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Selected durable goods industries:													
Primary metal industries—													
1969.....	-	-	-	.5	.6	.5	.4	.5	.7	.6	.5	.3	.5
1970.....	.3	.2	.2	.3	.2	.1	.2	.1	.1	.1	.1	.1	.2
1971.....	.1	.1	.1	.1	.1	.1	*	*	*	*	*	*	.1
Machinery, except electrical—													
1969.....	-	-	-	.9	.9	.8	.8	.8	.8	.8	.7	.6	.8
1970.....	.5	.5	.4	.4	.3	.2	.2	.2	.2	.2	.1	.1	.3
1971.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Electrical equipment and supplies—													
1969.....	-	-	-	.8	.7	.7	.5	.6	.6	.5	.5	.5	.7
1970.....	.4	.3	.3	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2
1971.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1
Transportation equipment—													
1969.....	-	-	-	.6	.6	.4	.5	.5	.5	.5	.5	.4	.5
1970.....	.3	.2	.3	.2	.2	.1	.2	.2	.1	.1	.2	.1	.2
1971.....	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1
Instruments and related products—													
1969.....	-	-	-	.8	.9	.8	.9	.7	.8	.7	.7	.6	.8
1970.....	.6	.8	.9	.6	.4	.2	.2	.2	.1	.1	.1	.1	.4
1971.....	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1
Selected nondurable goods industries:													
Textile mill products—													
1969.....	-	-	-	.6	.6	.5	.5	.5	.5	.4	.4	.4	.5
1970.....	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.2
1971.....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Apparel and other textile products—													
1969.....	-	-	-	1.3	1.2	1.1	1.2	1.2	1.2	1.1	1.0	.9	1.2
1970.....	.8	.8	.9	.8	.8	.8	.7	.8	.7	.6	.6	.6	.7
1971.....	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.5	.5	.6
Printing and publishing—													
1969.....	-	-	-	.4	.4	.3	.3	.3	.5	.3	.3	.3	.3
1970.....	.3	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2
1971.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products—													
1969.....	-	-	-	.7	.7	.5	.6	.6	.6	.5	.5	.4	.6
1970.....	.4	.3	.4	.4	.4	.3	.3	.2	.2	.2	.2	.2	.3
1971.....	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1
Long-term job vacancies as a percent of job vacancies ³													
Manufacturing:													
1969.....	-	-	-	47	45	46	42	39	44	46	49	48	46
1970.....	41	41	40	38	37	36	35	31	32	35	40	38	37
1971.....	34	34	32	30	29	28	29	27	28	31	32	33	30

See footnotes at end of table 3.

Table 2. Job vacancy rates in manufacturing, by industry—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Long-term job vacancies as a percent of job vacancies ³ —Continued													
Durable goods:													
1969	-	-	-	46	44	45	40	37	43	44	49	48	44
1970	41	40	40	37	35	33	33	30	30	34	37	35	36
1971	30	26	27	24	24	23	24	24	25	28	28	30	26
Nondurable goods:													
1969	-	-	-	49	48	48	46	41	45	48	48	49	48
1970	41	42	41	39	39	40	38	33	34	37	42	41	39
1971	38	41	37	37	33	34	33	30	32	34	35	37	35
Selected durable goods industries:													
Primary metal industries—													
1969	-	-	-	47	37	51	41	35	49	48	49	46	42
1970	41	43	39	36	38	29	35	25	31	44	38	29	36
1971	24	23	28	24	30	30	24	29	26	29	28	29	26
Machinery, except electrical—													
1969	-	-	-	51	49	49	45	43	46	48	52	55	49
1970	46	46	46	42	42	38	42	37	38	40	39	39	42
1971	35	31	29	28	32	30	28	26	27	31	30	29	29
Electrical equipment and supplies—													
1969	-	-	-	42	41	42	34	30	37	35	42	42	40
1970	36	32	30	28	27	21	22	25	24	26	30	26	28
1971	26	16	19	17	16	15	20	18	22	24	26	30	21
Transportation equipment—													
1969	-	-	-	42	41	38	40	36	42	47	56	52	42
1970	38	37	39	41	29	30	36	33	31	34	41	38	36
1971	25	24	22	23	22	23	26	26	25	33	23	29	25
Instruments and related products—													
1969	-	-	-	35	40	39	43	32	33	35	42	43	38
1970	36	49	51	41	39	34	23	24	20	21	28	25	37
1971	20	19	31	18	19	21	18	17	21	17	15	25	20
Selected nondurable goods industries:													
Textile mill products—													
1969	-	-	-	36	40	40	37	36	37	36	42	43	39
1970	30	31	29	26	29	29	24	21	22	24	25	24	26
1971	23	26	20	23	21	20	19	20	20	22	24	28	22
Apparel and other textile products—													
1969	-	-	-	67	61	62	60	60	61	60	61	62	63
1970	52	52	54	54	53	55	52	51	52	51	56	52	53
1971	53	55	55	53	51	49	48	45	49	51	52	50	51
Printing and publishing—													
1969	-	-	-	42	39	42	33	28	40	37	40	38	38
1970	35	36	36	33	30	32	27	21	22	22	23	25	30
1971	20	21	21	20	19	26	19	21	22	23	24	22	21
Chemicals and allied products—													
1969	-	-	-	50	51	49	50	51	52	56	57	53	52
1970	48	38	42	49	48	44	45	31	38	47	51	45	44
1971	35	44	35	40	36	36	29	31	26	30	27	29	34

See footnotes at end of table 3.

Table 3. Percent distribution of job vacancies in manufacturing, by industry

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Manufacturing:													
1969	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1970	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
1971	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:													
1969	-	-	-	64.2	63.4	63.7	62.6	63.8	63.1	62.4	60.4	60.9	63.4
1970	60.4	58.9	56.9	54.9	53.7	52.1	51.2	51.5	48.9	49.1	46.7	48.4	53.8
1971	46.7	49.7	47.8	49.6	47.7	48.8	50.6	50.6	52.3	50.3	49.9	51.4	49.7
Primary metal industries—													
1969	-	-	-	5.4	6.0	5.1	5.3	6.4	7.0	7.0	6.3	5.4	6.0
1970	5.6	4.4	4.6	6.3	5.7	5.3	4.5	5.5	5.0	3.5	3.8	4.1	5.0
1971	4.2	5.0	4.8	4.9	4.3	3.0	2.3	2.0	2.4	2.3	2.3	2.2	3.3
Machinery, except electrical—													
1969	-	-	-	12.8	12.8	13.9	13.7	12.8	12.9	13.6	13.5	12.9	13.2
1970	13.2	12.7	12.3	11.4	10.7	10.5	8.4	8.2	8.6	8.8	9.3	8.8	10.6
1971	8.5	8.1	7.9	7.3	7.2	7.2	7.6	7.0	8.5	8.3	8.1	9.7	7.9

See footnotes at end of table.

Table 3. Percent distribution of job vacancies in manufacturing, by industry—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Electrical equipment and supplies—													
1969.....	-	-	-	13.9	12.0	13.6	12.1	12.4	12.8	12.9	11.9	13.3	12.8
1970.....	12.0	12.6	11.0	10.1	9.7	9.2	9.9	9.8	9.3	9.1	8.5	9.2	10.3
1971.....	8.5	9.6	7.7	8.7	8.7	9.6	9.6	10.1	10.1	11.1	10.9	12.7	9.8
Transportation equipment—													
1969.....	-	-	-	10.0	10.0	9.4	9.6	10.0	9.0	8.7	8.1	8.4	10.0
1970.....	8.6	7.0	8.3	6.3	7.1	7.0	6.8	7.4	5.9	6.9	7.4	8.6	7.3
1971.....	7.9	7.8	7.7	7.9	8.1	8.3	9.3	9.7	8.7	8.7	9.3	7.1	8.4
Instruments and related products—													
1969.....	-	-	-	3.8	3.9	4.3	4.0	3.6	3.8	3.9	3.8	3.7	3.9
1970.....	4.2	4.9	5.0	4.4	3.6	2.6	2.4	2.4	2.5	3.1	2.4	2.6	3.5
1971.....	3.1	2.6	3.1	3.6	3.4	4.4	3.8	3.4	3.4	3.3	3.3	3.1	3.4
Other durable goods industries—													
1969.....	-	-	-	18.3	18.6	17.3	17.9	18.6	17.5	16.4	17.0	17.3	17.6
1970.....	16.8	17.3	15.6	16.5	16.9	17.6	19.1	18.4	17.5	17.7	15.3	15.2	17.1
1971.....	14.7	16.5	16.6	17.1	16.1	16.4	18.0	18.5	19.3	16.5	16.1	16.7	17.0
Nondurable goods:													
1969.....	-	-	-	35.8	36.6	36.3	37.4	36.2	36.9	37.6	39.6	39.1	36.6
1970.....	39.6	41.1	43.1	45.1	46.3	47.9	48.8	48.5	51.1	50.9	53.3	51.6	46.2
1971.....	53.3	50.3	52.2	50.4	52.3	51.2	49.4	49.4	47.7	49.7	50.1	48.6	50.3
Textile mill products—													
1969.....	-	-	-	5.6	5.1	5.1	5.0	5.0	5.0	5.0	4.8	4.8	4.9
1970.....	4.7	5.2	6.0	7.0	7.0	6.8	7.0	7.3	8.2	8.2	8.1	7.7	6.7
1971.....	8.0	7.6	9.1	8.8	9.2	9.3	8.6	9.5	9.2	10.2	10.4	10.0	9.2
Apparel and other textile products—													
1969.....	-	-	-	9.4	10.0	11.0	10.8	9.3	9.5	10.6	11.0	11.5	10.5
1970.....	11.8	13.6	13.3	13.2	14.1	16.5	14.9	15.7	16.1	17.0	20.6	20.3	14.9
1971.....	20.8	20.8	21.4	19.5	19.0	19.7	19.2	18.3	17.5	18.0	18.2	18.8	19.2
Printing and publishing—													
1969.....	-	-	-	3.9	4.1	3.7	3.5	4.5	4.4	4.1	4.6	4.8	4.0
1970.....	5.0	4.5	4.6	5.0	4.4	4.3	4.4	5.1	4.6	5.3	5.2	4.2	4.7
1971.....	6.0	4.9	4.7	4.3	3.9	3.9	4.0	4.1	3.8	4.4	4.3	4.6	4.4
Chemicals and allied products—													
1969.....	-	-	-	5.0	4.8	4.5	4.8	3.8	3.9	4.2	4.4	4.6	4.4
1970.....	5.2	5.6	5.9	5.5	5.4	5.9	5.2	4.9	5.2	4.6	5.4	6.2	5.4
1971.....	4.9	5.6	5.5	4.8	5.0	4.7	4.6	3.7	3.9	4.4	4.2	4.0	4.6
Other nondurable goods industries—													
1969.....	-	-	-	12.1	12.5	12.0	13.3	13.6	14.1	13.6	14.8	13.4	12.8
1970.....	12.9	12.2	13.2	14.4	15.4	14.4	17.5	15.7	17.0	15.8	14.1	13.4	14.5
1971.....	13.6	11.4	11.5	13.0	15.2	13.5	12.8	13.9	13.3	12.8	13.0	11.3	13.0

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 job vacancies and multiplying that quotient by 100.
³ Percentages are computed using unrounded rates.
* Less than 0.05.

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 and total employment	190	145
Agriculture	120	100
Nonagricultural employment	200	150
Unemployment	75	80
MALE		
Labor force and total employment	100	75
Agriculture	95	80
Nonagricultural employment	120	95
Unemployment	60	60
FEMALE		
Labor force and total employment	150	115
Agriculture	50	40
Nonagricultural employment	150	115
Unemployment	50	55

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, Labor Turnover,

reprinted from the *Handbook of Methods for Surveys and Studies*, BLS Bulletin 1458—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	Percent 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 will be 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.

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