

# EMPLOYMENT AND EARNINGS

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<b>CALENDAR OF FEATURES</b>										
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:										
	Jan.	Feb.	Mar.	Apr.	May	July	Aug.	Sept.	Oct.	Nov.
<b>Household data</b>										
Annual averages	x									
Revised seasonally adjusted series and current seasonal factors		x								
<b>Quarterly averages:</b>										
Seasonally adjusted data										
Persons not in labor force	x			x		x			x	
Vietnam Era war veterans										
<b>Establishment data</b>										
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					

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1972 issue marks the introduction of March 1971 benchmarks.

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<sup>1</sup> Included in February, May, August, and November issues.

# Employment and Unemployment Developments, February 1973

Employment increased markedly in February while unemployment remained essentially unchanged. The Nation's unemployment rate was 5.1 percent, about the same as in the previous 3 months but down substantially from the year-ago rate of 5.8 percent.

Total employment rose by 570,000 in February to 83.1 million on a seasonally adjusted basis, following a small decline in the previous month. Adult women accounted for nearly two-thirds of this increase. Over the past year, employment has increased by 2.5 million persons.

The number of nonagricultural payroll jobs also advanced strongly, rising by 440,000 in February, seasonally adjusted, to a high of 74.6 million. Large over-the-month gains were recorded in contract construction, manufacturing, and retail trade. In addition, the average workweek of rank-and-file workers increased substantially.

## Unemployment

Total joblessness rose about in line with usual January-February movements, and, after seasonal adjustment, the number of unemployed persons remained at 4.4 million. Over the past year, unemployment has declined by 570,000.

Whereas the overall jobless rate was virtually unchanged in February at 5.1 percent, there were offsetting movements in the jobless rates for two major age-sex groups. The rate for adult women declined from 5.3 to 4.9 percent, while the rate for teenagers rose to 15.8 percent—about the same as the November and December rates—following a dip to 14.3 percent in January. The adult male jobless rate was about unchanged at 3.4 percent.

The unemployment rates for most other major labor force categories showed little or no change over the month: married men (2.4 percent), household heads (3.0 percent), white workers (4.6 percent), Negro workers (9.0 percent), full-time workers (4.6 percent), and part-time workers (7.9 percent).

Among the major occupational categories, jobless rates were essentially unchanged except for a rise in the rate for service workers (from 5.5 to 6.1 percent). On an industry basis, the jobless rate for factory workers moved down from 5.0 to 4.5 percent in February after rising by a similar magnitude in January. This returned the manufacturing rate to the low levels to which it had fallen in late 1972 after being as high as 7 percent during the 1970-71 economic downturn.

The jobless rate for workers covered by State unemployment insurance programs was 2.8 percent in February, compared with 2.9 percent (as revised) in January but substantially below a year ago.

The average (mean) duration of unemployment continued the downward trend in evidence since last fall, dropping to 10.5 weeks in February. This was its lowest level in 2 years and was 2 full weeks below a year ago.

The number of unemployed persons who had lost their last job was about unchanged in February but has diminished by nearly 500,000 over the past year, accounting for almost all of the total decrease in joblessness. Job losers now comprise slightly less than two-fifths of total unemployment.

## Civilian labor force and total employment

Led by increased participation of women and teenagers, the civilian labor force rose more than seasonally expected between January and February. After adjustment for seasonality, the labor force rose by 650,000 to a level of 87.6 million, the biggest monthly advance since March 1972. A disproportionately large share of this gain took place among part-time workers. Compared with last February, the labor force has increased by 1.9 million.

Employment rose by 570,000 in February to a level of 83.1 million. More than four-fifths of this increase took place among adult women and teenagers. Over the past year, employment has risen by 2.5 million; adult men made up about 1.1 million of this advance, and adult women and teenagers accounted for 860,000 and 510,000, respectively.

## Vietnam Era veterans

The job situation for Vietnam Era veterans 20-to-29 years old was unchanged in February, as the unemployment rate (5.7 percent) held at about the same levels of the past few months. February marked the sixth straight month in which there was no material difference between the unemployment rates for veterans and nonveterans. However, younger veterans (20-24 years) continued to experience higher unemployment rates than their nonveteran counterparts, whereas those in the older ages (25-29) who have been out of the service longer have had jobless rates in recent months equal to or less than those of nonveterans.

For younger veterans, the seasonally adjusted unemployment rate of 10.4 percent showed no improvement over the year; in contrast, the rate for 25-to-29 year-old veterans dropped to 2.9 percent, its lowest level in about 3 years.

The number of veterans in ages 30-34 (890,000) has continued to increase (due to aging rather than discharges at this age level) and now represents 15 percent of all Vietnam Era veterans. Their unemployment rate in February, at 3.6 percent (not seasonally adjusted), was about the same as for nonveterans in the same age group.

## Industry payroll employment

Nonagricultural payroll employment rose sharply in February, advancing by 440,000 (seasonally adjusted) to 74.6 million. This large increase followed more modest gains in the previous 2 months. Payroll jobs have grown by 2.8 million over the past year.

About 175,000 or two-fifths, of the February increase in payroll jobs took place in the goods-producing industries. Manufacturing employment rose 85,000, nearly all of it in the durable goods sector. Since February a year ago, factory employment has risen by more than 900,000, but the industry was still about 700,000 jobs below its July 1969 alltime high. Contract construction employment showed a 90,000 increase (seasonally adjusted) in February and, at 3.6 million, has now recovered from the declines caused by unusually bad weather in late 1972.

In the service-producing industries, payroll employment registered a gain of 265,000. This reflected a sizeable increase in retail trade—where employment

had shown no growth in the previous 2 months—as well as strong advances in services and State and local government.

## Hours of work

The average workweek of production or nonsupervisory workers on nonagricultural payrolls rose 0.4 hour to 37.3 hours, seasonally adjusted, in February. This large gain in hours followed small declines in each of the previous 3 months and returned the average workweek to its level of early last fall.

In manufacturing, the average workweek also rebounded in February, rising 0.7 hour, seasonally adjusted, to 41.0 hours. This strong gain came on the heels of declines in the previous 2 months and brought the factory workweek to its highest level since October 1968. Average overtime in manufacturing also increased in February—by 0.2 hour—and, at 3.9 hours, was at the highest level since October 1966.

## Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory personnel on nonfarm payrolls were \$3.78 in February, up slightly from January. Compared with a year ago, hourly earnings rose 22 cents or 6.2 percent.

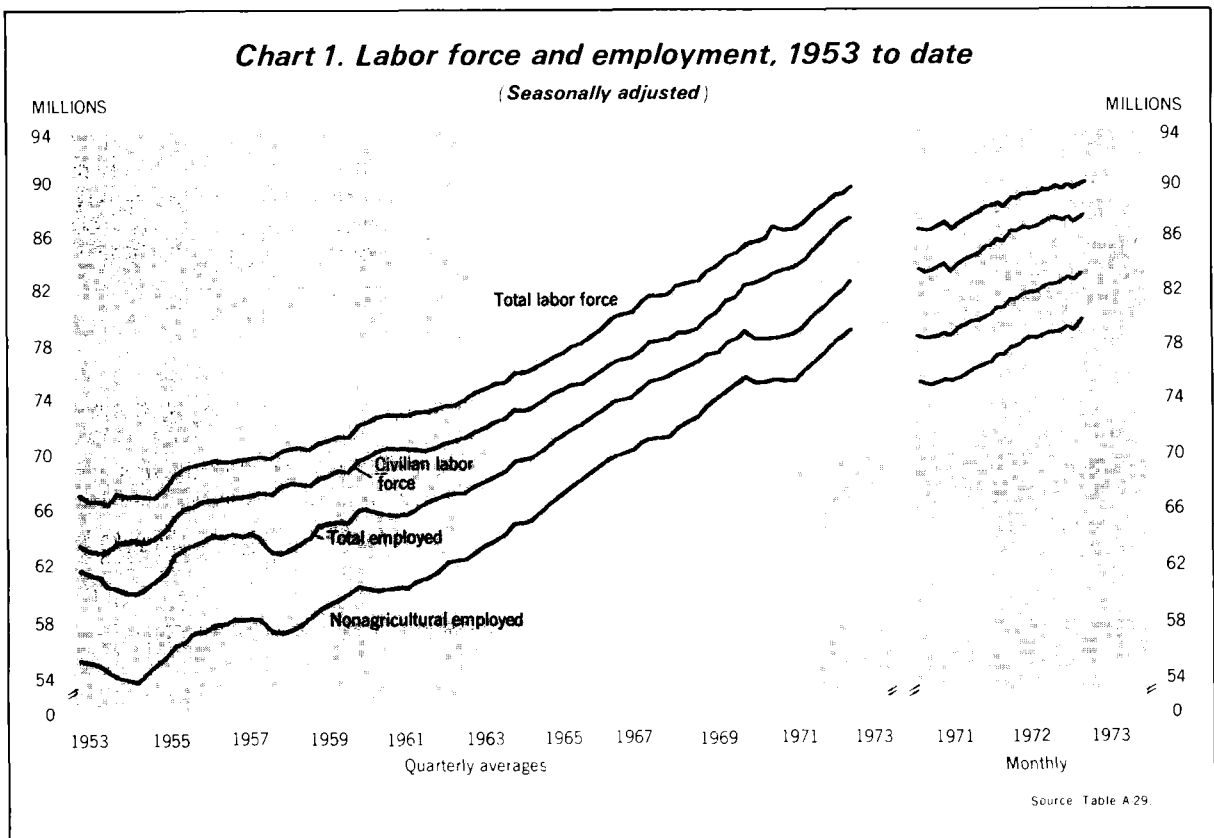
Average weekly earnings rose \$1.50 to \$139.48 in February, reflecting in large part an increase of 0.3 hour in the actual workweek. After seasonal adjustment, the increase was slightly higher—\$1.88. Since February a year ago, average weekly earnings have risen \$8.47 or 6.5 percent. During the latest 12-month period for which the Consumer Price Index is available—January 1972 to January 1973—consumer prices increased 3.7 percent.

## Hourly earnings index

The Bureau's Hourly Earnings Index, seasonally adjusted, was 142.4 (1967=100) in February, about the same as in January, according to preliminary figures. The index was 5.6 percent above February a year ago. All industries posted increases over a year ago, ranging from 4.2 percent in services to 9.6 percent in transportation and public utilities. During the 12-month period ending in January, the Hourly Earnings Index in dollars of constant purchasing power rose 2.1 percent.

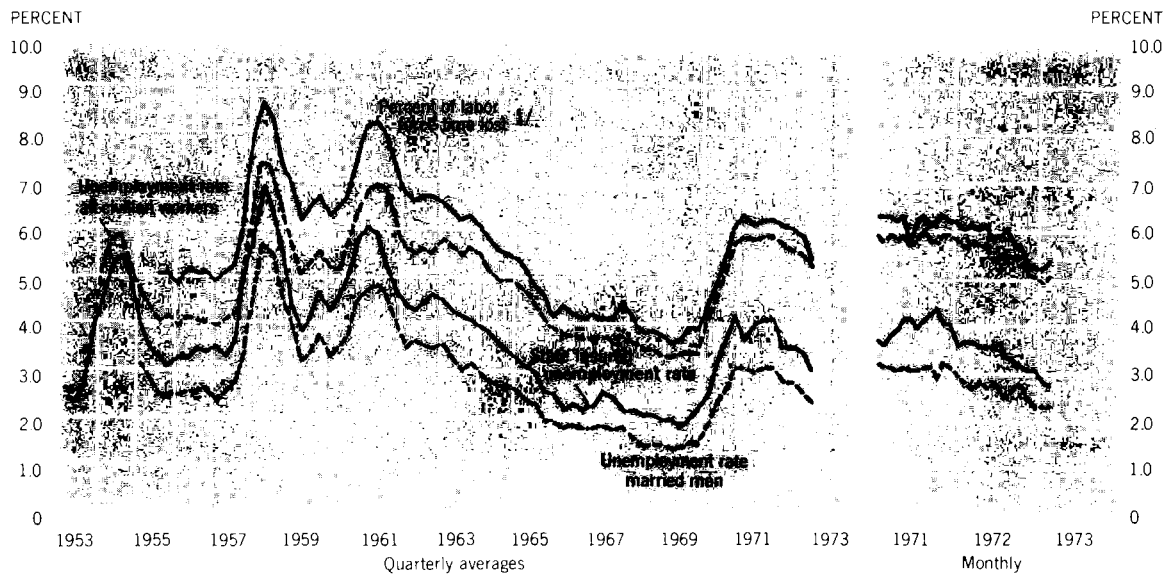
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**Chart 2. Major unemployment indicators  
1953 to date**

(Seasonally adjusted)

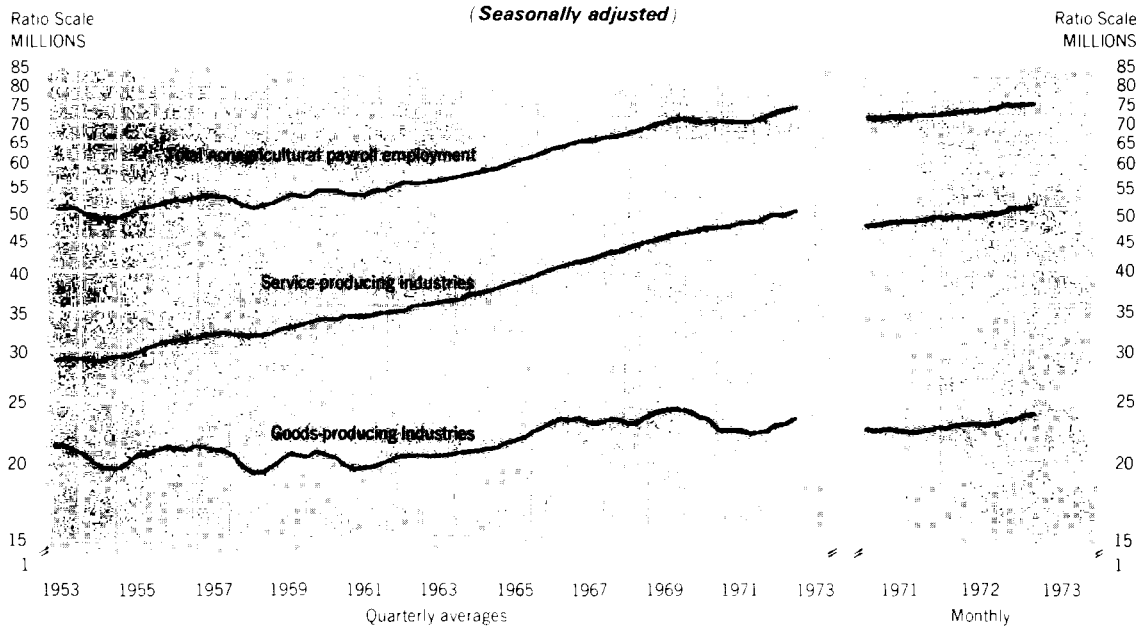


Series revised beginning 1963 to reflect whether unemployed persons sought full or part time jobs

Source: Table A.33

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

(Seasonally adjusted)

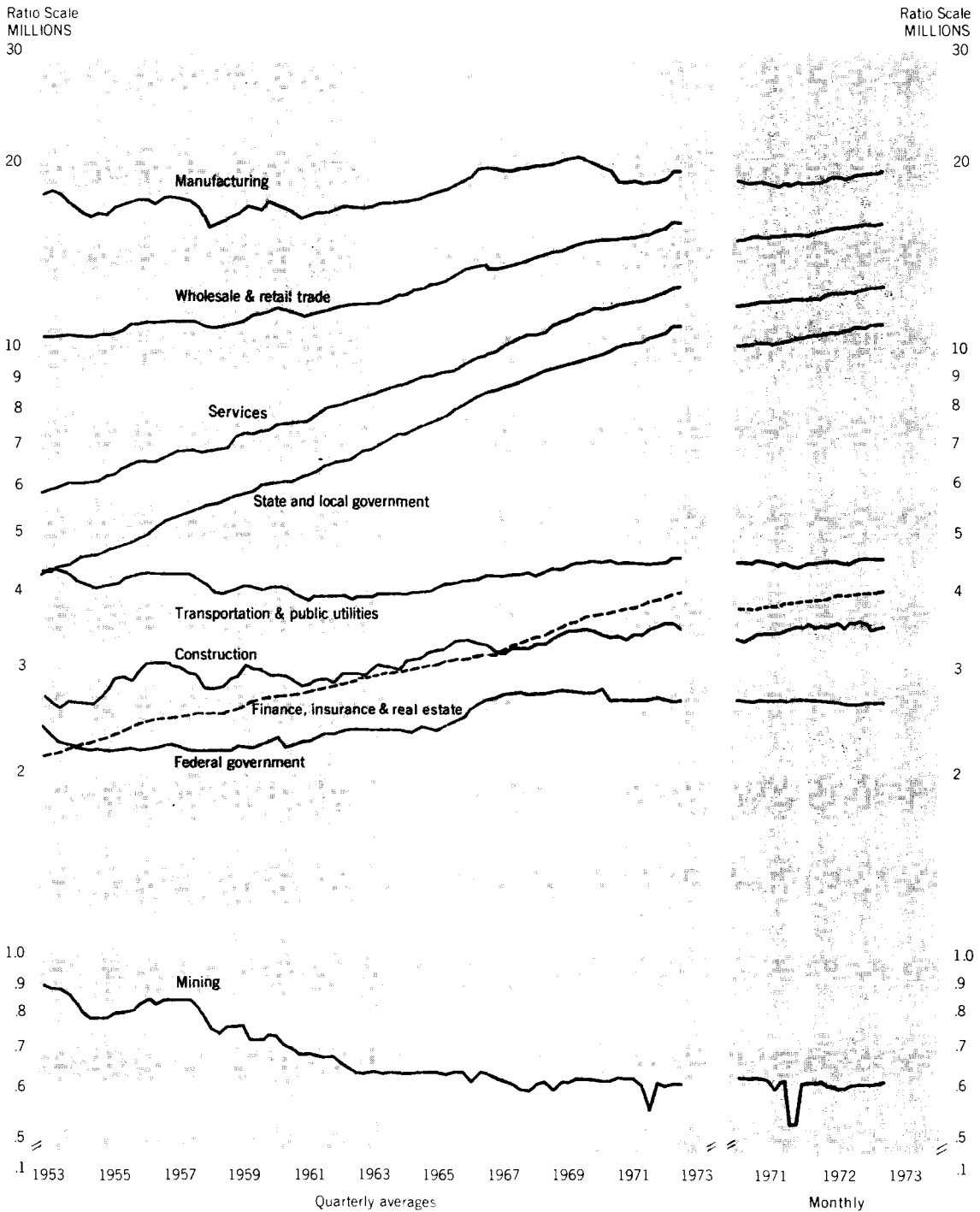


Note: Data for 2 most recent months are preliminary.

Source: Table B.5

**Chart 4. Nonagricultural payroll employment by industry  
1953 to date**

(Seasonally adjusted)

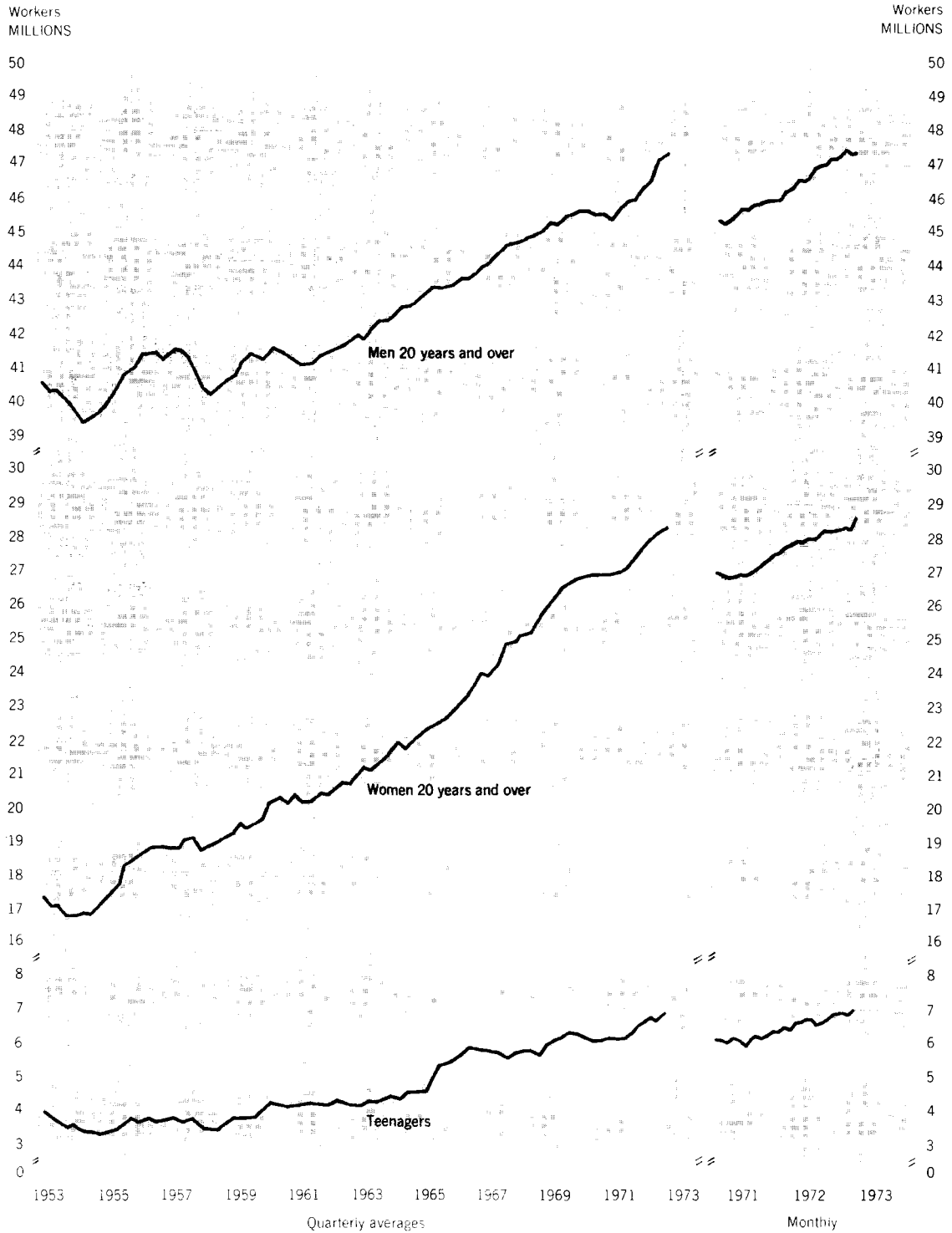


Note: Data for 2 most recent months are preliminary

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)

Ratio Scale  
MILLIONS

66  
64  
62  
60  
58  
56  
54  
52  
50  
48  
46  
44  
42  
40  
1

**Full-time schedules**

Full-time workers

Ratio Scale  
MILLIONS

66  
64  
62  
60  
58  
56  
54  
52  
50  
48  
46  
44  
42  
40  
1

Ratio Scale  
MILLIONS

20  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

**Part-time schedules**

Workers on voluntary part-time schedules

Workers on part time for economic reasons

Ratio Scale  
MILLIONS

20  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

1953 1955 1957 1959 1961 1963 1965 1967 1969 1971 1973  
Quarterly averages

1971 1972 1973  
Monthly

Source: Table A29 and unpublished data

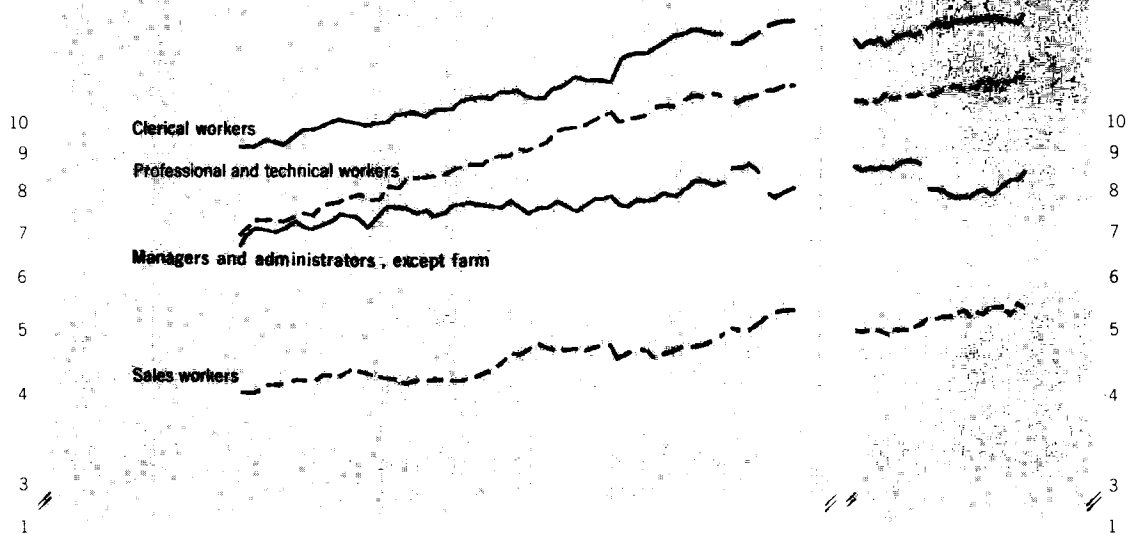
**Chart 7. Employment in nonfarm occupations  
1958 to date**

*(Seasonally adjusted)*

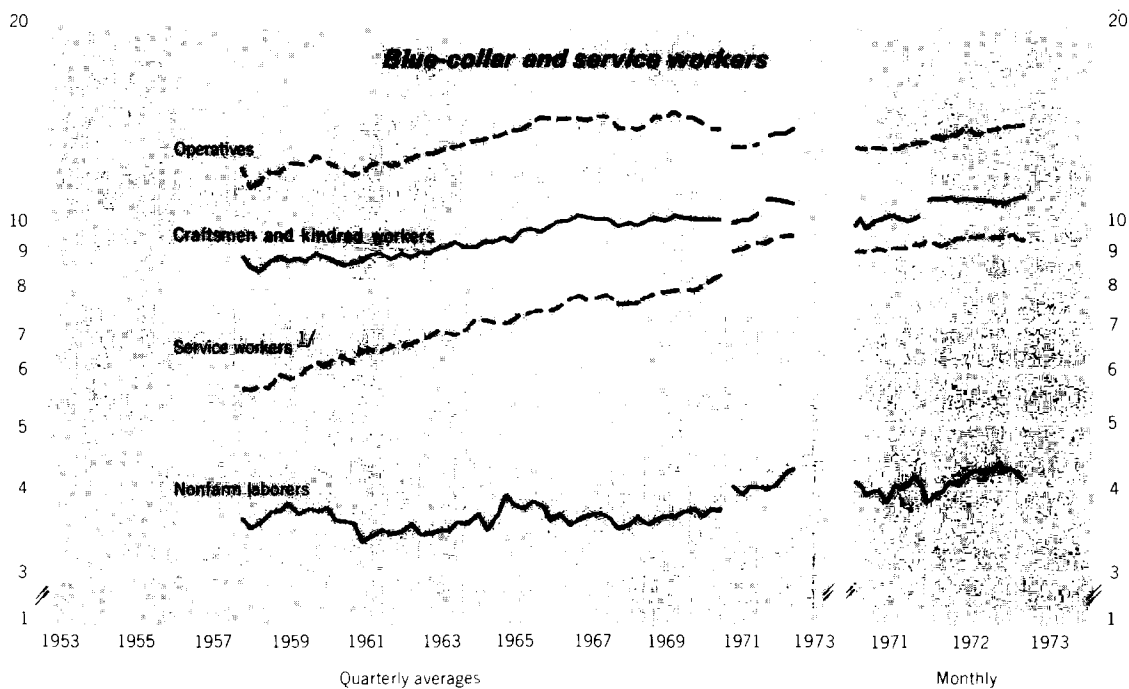
Ratio Scale  
MILLIONS  
20

Ratio Scale  
MILLIONS  
20

**White-collar workers**



**Blue-collar and service workers**



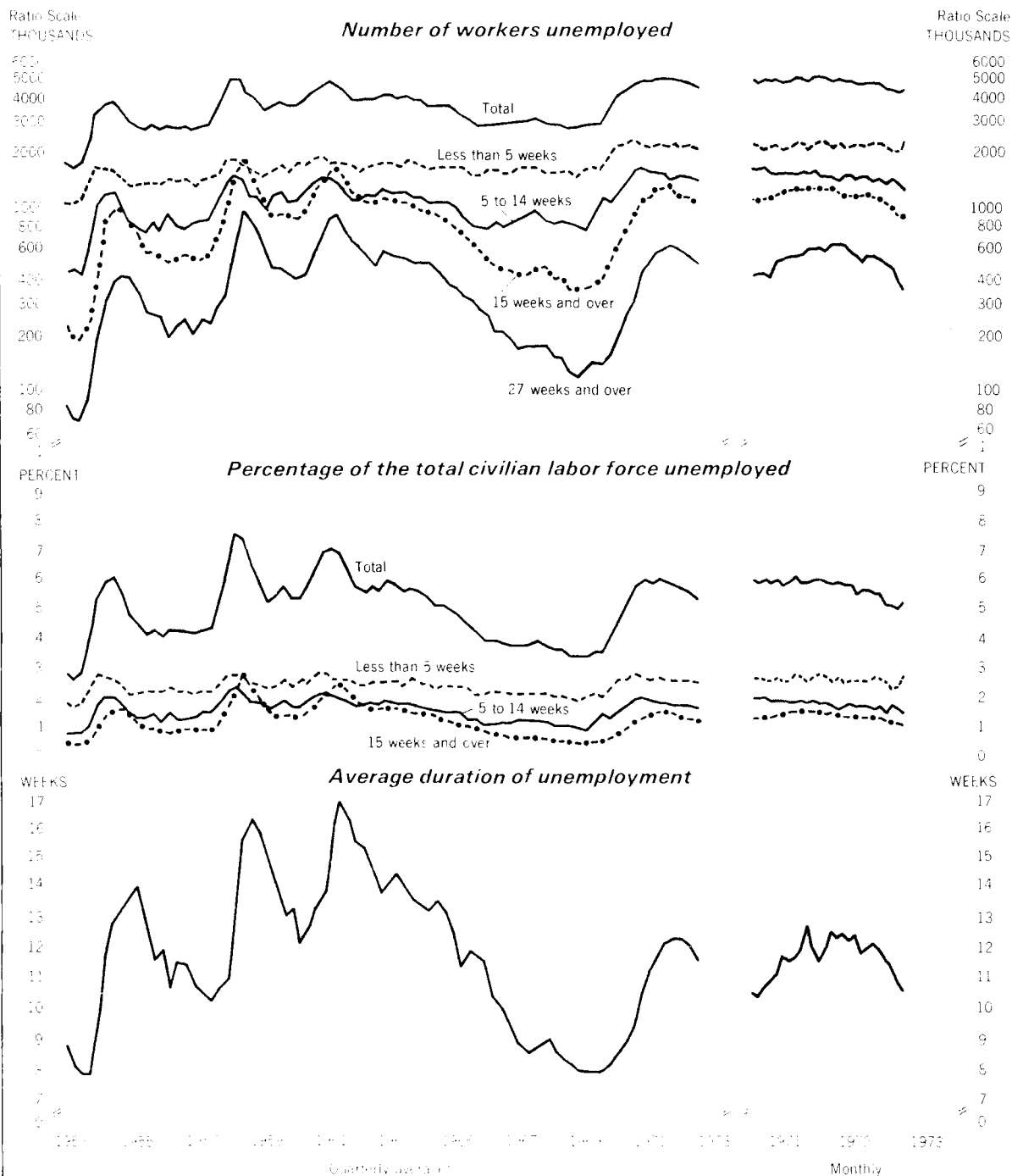
<sup>1</sup> Excludes private household workers

Note: The breaks in series in 1971 stem from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December.

Source: Table A.37

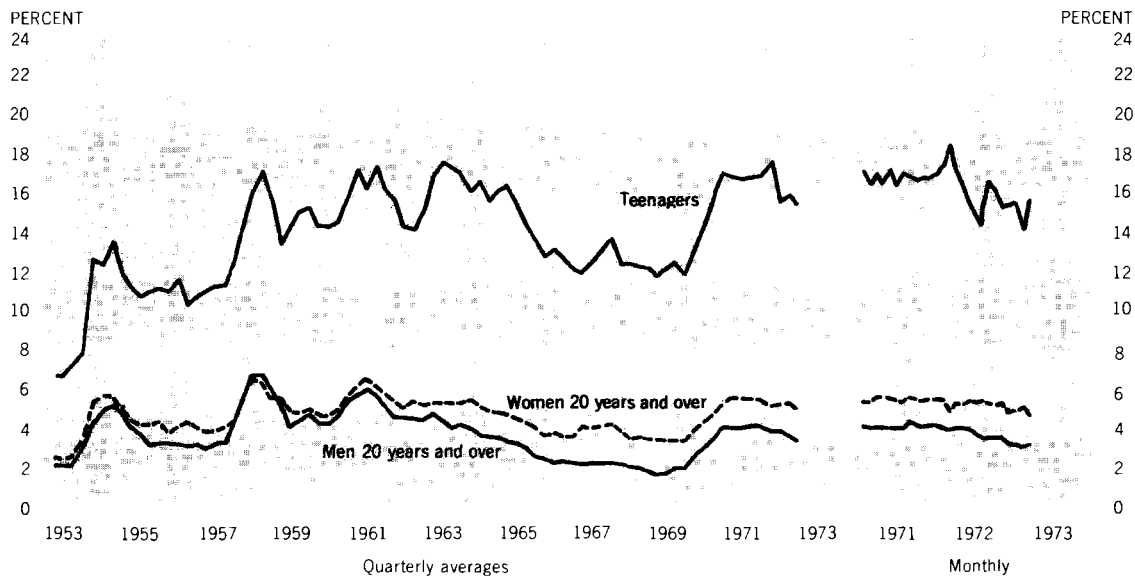
### Chart 8. Duration of unemployment 1953 to date

Seasonally adjusted



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

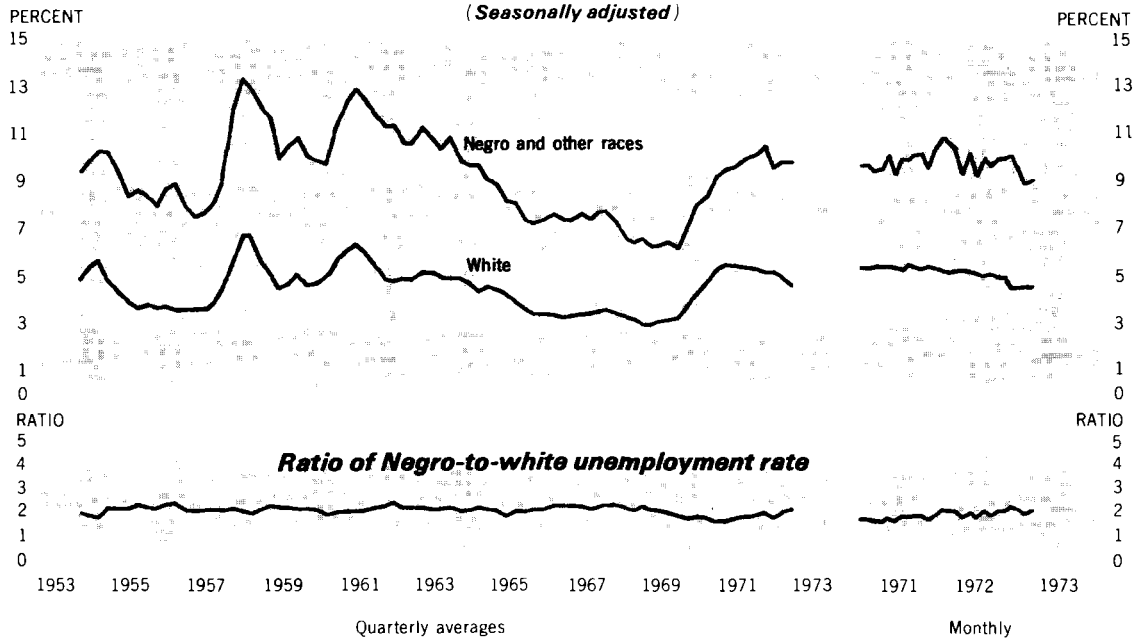
(Seasonally adjusted)



Source: Table A-33

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

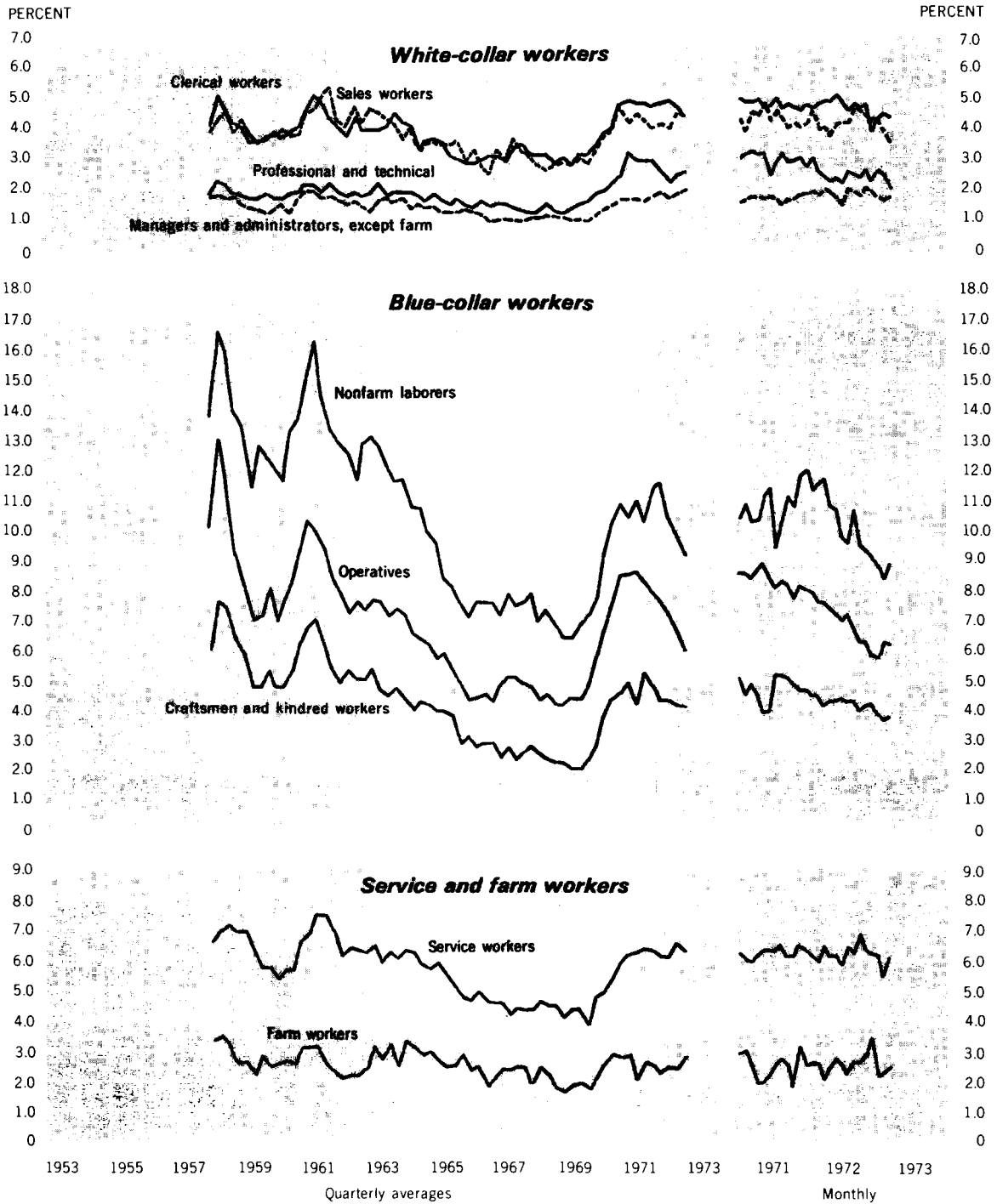
(Seasonally adjusted)



Source: Table A-31

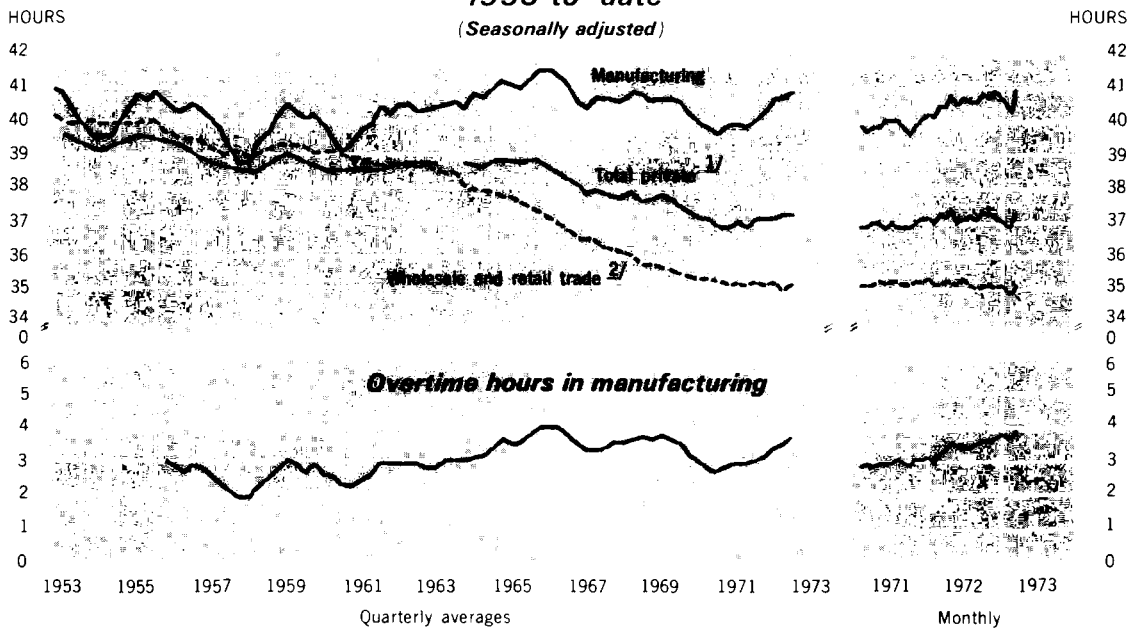
**Chart 11. Unemployment rates by occupation  
1958 to date**

(Seasonally adjusted)



Source: Table A-33.

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



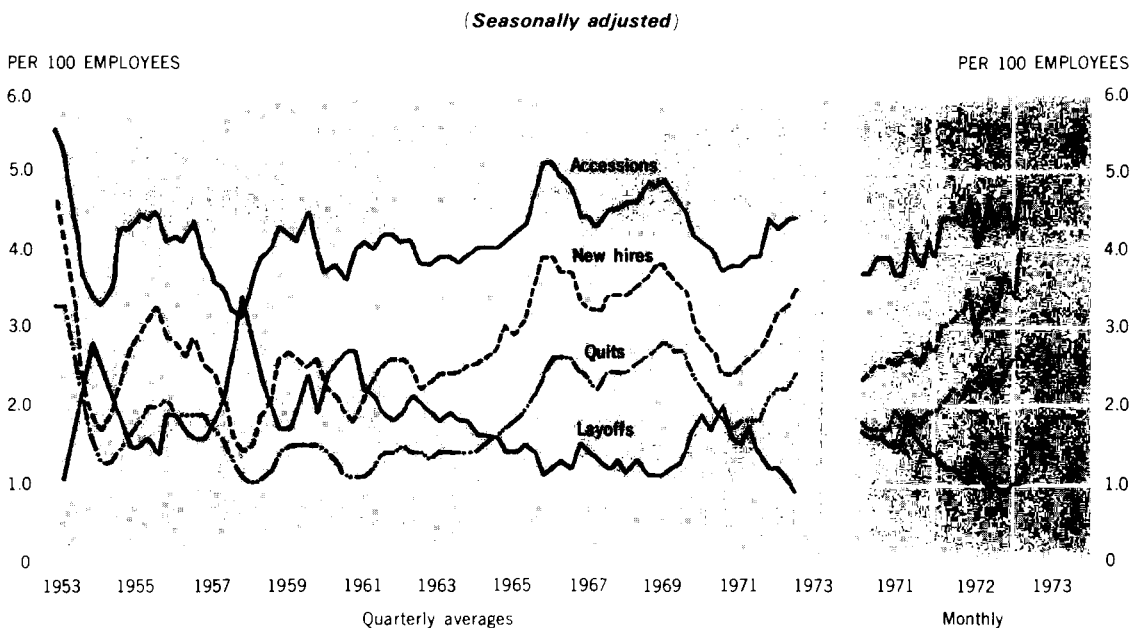
1/ Annual averages prior to 1964.

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

Note: Data for 2 most recent months are preliminary.

Source: Table C.7.

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



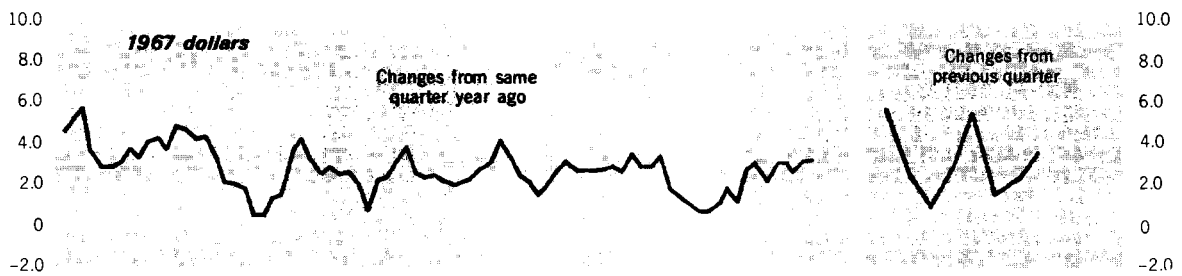
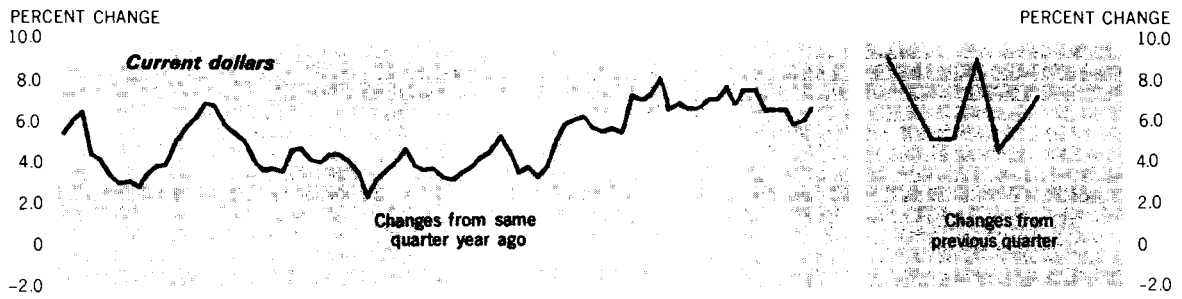
Note: Data for current month are preliminary.

Source: Table D.3.

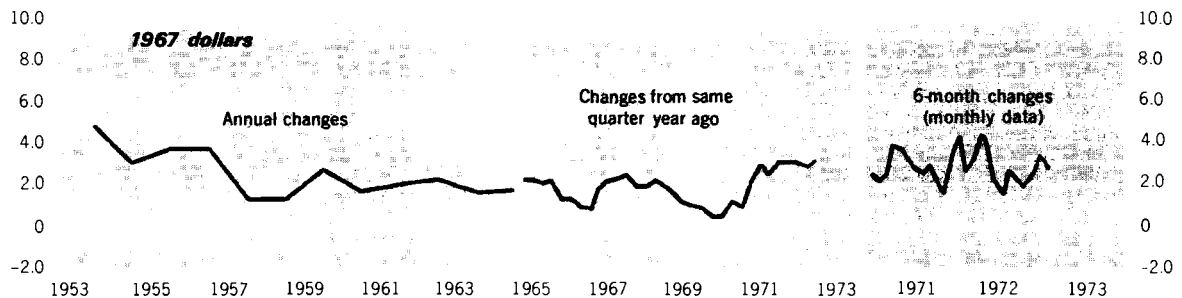
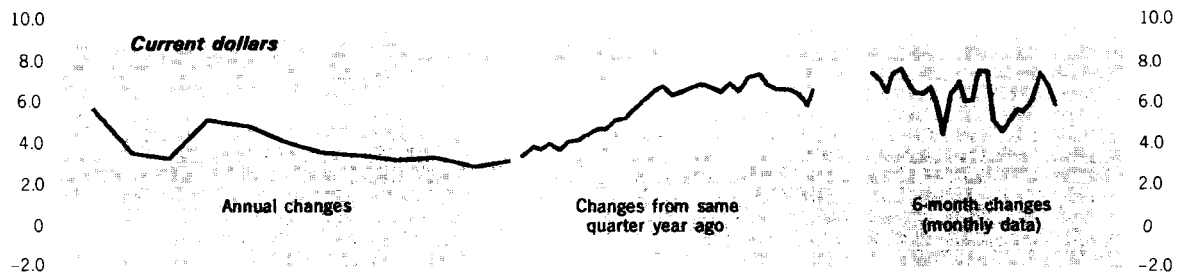
**Chart 14. Major compensation trend indicators  
in the private nonfarm economy  
1953 to date**

(Seasonally adjusted, at annual rates)

**Hourly compensation index, all employees**



**Hourly earnings index, production or nonsupervisory employees**

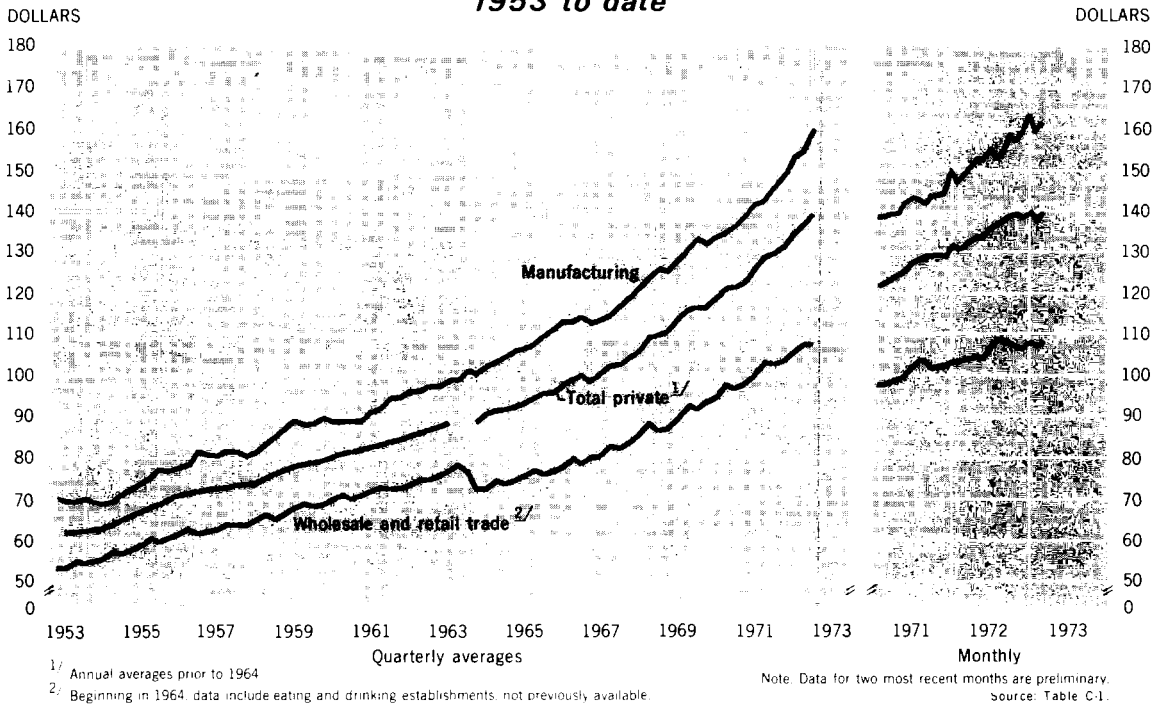


1953 1955 1957 1959 1961 1963 1965 1967 1969 1971 1973 1971 1972 1973

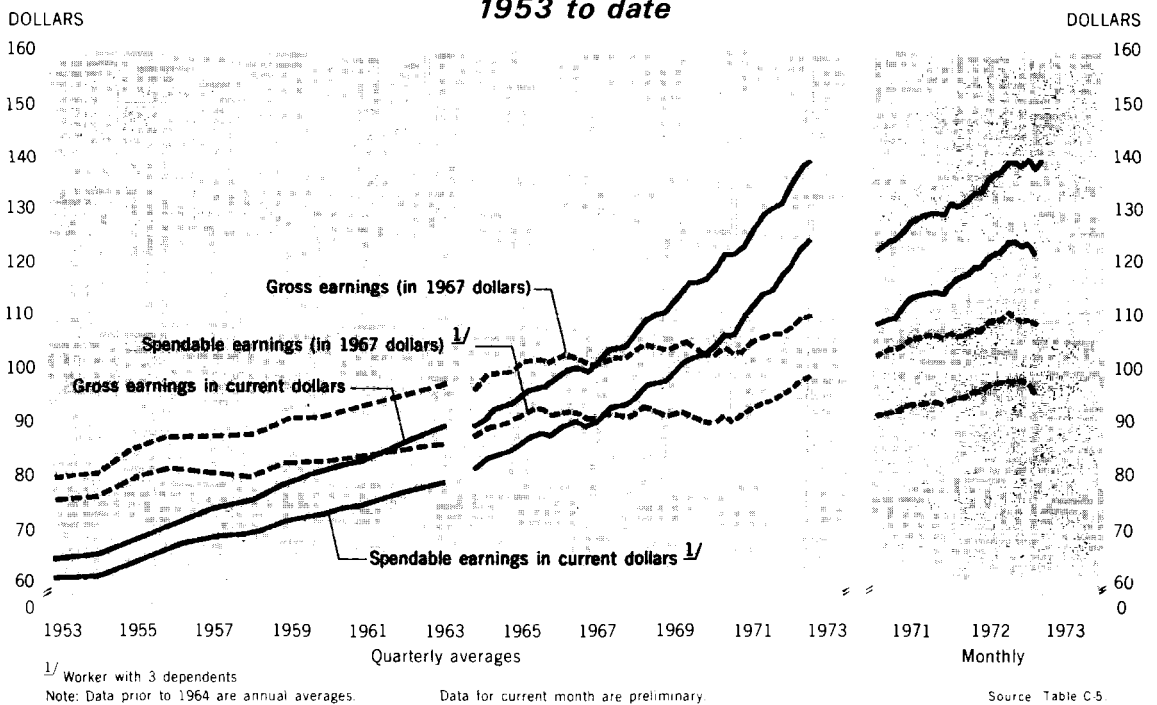
Source: Tables C-12, C-13, and C-15.



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



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

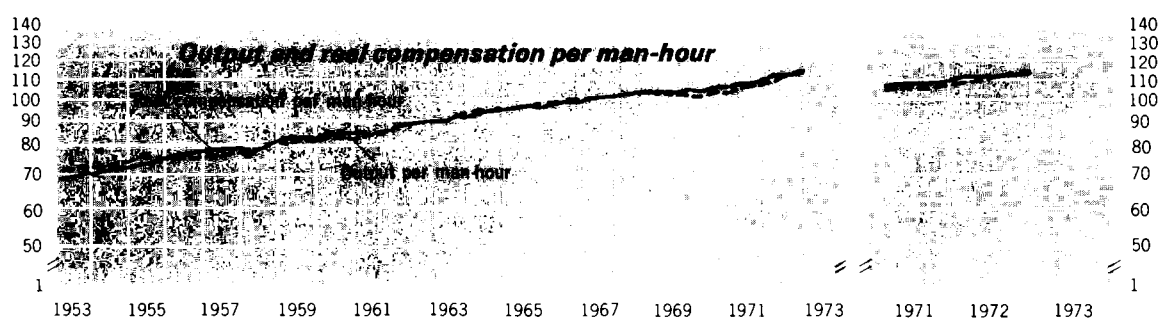
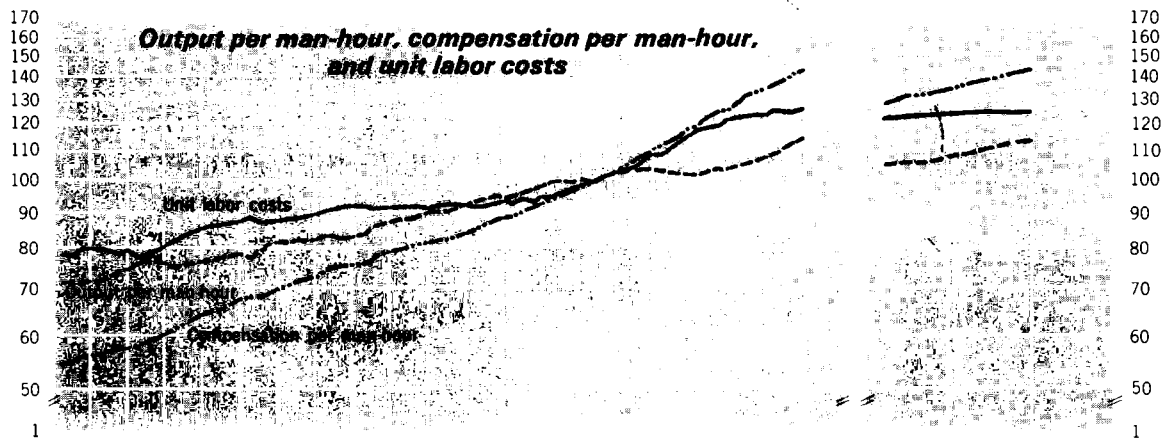
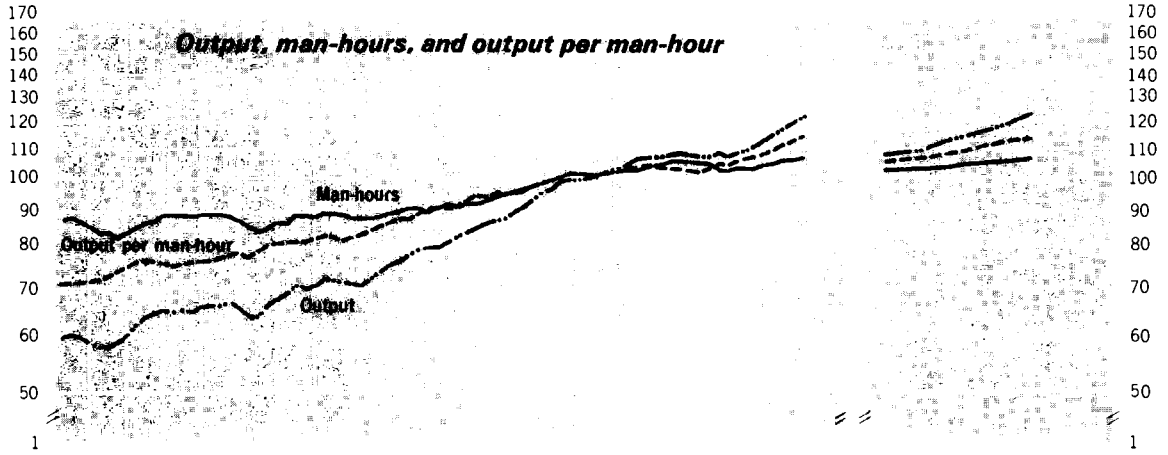


**Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date**

*(Seasonally adjusted quarterly averages)*

RATIO SCALE  
INDEX (1967=100)

RATIO SCALE  
INDEX (1967=100)



Source: Table C 10

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
						Not seasonally adjusted		Seasonally adjusted			
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	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	55,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	-	55,666
1972.....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785
1972: January.....	144,697	87,147	60.2	84,553	79,106	2,869	76,237	5,447	6.4	5.9	57,550
July.....	145,854	91,005	62.4	88,617	83,443	4,061	79,383	5,173	5.8	5.6	54,850
August.....	146,069	90,758	62.1	88,362	83,505	4,031	79,475	4,857	5.5	5.6	55,311
September.....	146,289	89,698	60.9	86,693	82,034	3,658	78,376	4,658	5.4	5.5	57,191
October.....	146,498	89,591	61.2	87,176	82,707	3,721	78,986	4,470	5.1	5.5	56,907
November.....	146,709	89,400	60.9	86,969	82,703	3,363	79,340	4,266	4.9	5.2	57,309
December.....	146,923	89,437	60.9	86,997	82,881	3,163	79,719	4,116	4.7	5.1	57,486
1973: January.....	147,129	88,122	59.9	85,718	81,043	2,955	78,088	4,675	5.5	5.0	59,008
February.....	147,313	89,075	60.5	86,683	81,838	2,956	78,882	4,845	5.6	5.1	58,238

<sup>1</sup> Not available.

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

# HOUSEHOLD DATA

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

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
<b>MALE</b>											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,639	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1972.....	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1972: January.....	69,369	54,473	78.5	51,918	48,678	2,423	46,255	3,240	6.2	5.3	14,896
1972: July.....	69,900	57,487	82.2	55,143	52,483	3,233	49,250	2,659	4.8	4.7	12,412
1972: August.....	70,000	57,250	81.8	54,898	52,461	3,229	49,323	2,437	4.4	4.9	12,570
1972: September.....	70,103	53,655	79.4	53,293	51,054	2,998	48,056	2,239	4.2	4.8	14,448
1972: October.....	70,200	55,656	79.3	53,286	51,059	3,005	48,054	2,227	4.2	4.8	14,544
1972: November.....	70,297	55,487	78.9	53,101	50,864	2,781	48,083	2,238	4.2	4.6	14,811
1972: December.....	70,396	55,524	78.9	53,131	50,803	2,671	48,132	2,328	4.4	4.4	14,872
1973: January.....	70,493	54,905	77.9	52,548	49,945	2,524	47,420	2,603	5.0	4.2	15,587
1973: February.....	70,575	55,261	78.3	52,916	50,203	2,489	47,714	2,713	5.1	4.3	15,313
<b>FEMALE</b>											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,618	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
1972.....	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	-	42,591
1972: January.....	75,328	32,675	43.4	32,635	30,428	446	29,982	2,207	6.8	6.9	42,653
1972: July.....	75,955	33,517	44.1	32,474	30,960	827	30,133	2,514	7.5	6.9	42,437
1972: August.....	76,069	33,508	44.0	33,464	31,044	802	30,242	2,420	7.2	6.8	42,561
1972: September.....	76,186	33,443	43.9	33,400	30,980	660	30,320	2,420	7.2	6.6	42,743
1972: October.....	76,298	33,936	44.5	33,891	31,648	716	30,932	2,243	6.6	6.7	42,363
1972: November.....	76,411	33,913	44.4	33,867	31,839	582	31,257	2,028	6.0	6.1	42,499
1972: December.....	76,527	33,913	44.3	33,866	32,079	492	31,587	1,788	5.3	6.3	42,613
1973: January.....	76,637	33,216	43.3	33,170	31,098	430	30,668	2,072	6.2	6.4	43,421
1973: February.....	76,738	33,813	44.1	33,767	31,636	468	31,168	2,132	6.3	6.3	42,924

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 1973  
(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					
<b>MALE</b>											
16 years and over .....	55,261	78.3	52,916	50,203	2,713	5.1	15,313	241	4,973	1,601	8,499
16 to 21 years .....	7,410	62.3	6,524	5,624	901	13.8	4,480	26	4,105	40	309
16 to 19 years .....	4,468	55.1	4,081	3,436	646	15.8	3,641	22	3,400	16	203
16 and 17 years .....	1,760	42.6	1,712	1,375	337	19.7	2,374	10	2,253	4	107
18 and 19 years .....	2,708	68.1	2,369	2,061	308	13.0	1,267	12	1,147	12	96
20 to 64 years .....	48,958	90.5	46,999	44,986	2,013	4.3	5,136	103	1,569	1,116	2,348
20 to 24 years .....	7,698	84.0	6,706	6,075	630	9.4	1,470	11	1,209	50	200
25 to 54 years .....	34,209	95.0	33,244	32,062	1,182	3.6	1,804	60	355	593	796
25 to 29 years .....	7,159	94.5	6,791	6,479	312	4.6	416	17	237	54	108
30 to 34 years .....	6,002	96.9	5,766	5,531	234	4.1	192	5	52	64	71
35 to 39 years .....	5,244	96.7	5,031	4,896	136	2.7	178	6	22	68	82
40 to 44 years .....	5,351	96.0	5,248	5,085	163	3.1	221	6	21	83	112
45 to 49 years .....	5,374	93.9	5,343	5,166	177	3.3	348	15	13	141	180
50 to 54 years .....	5,079	91.9	5,065	4,905	160	3.2	450	11	11	184	244
55 to 64 years .....	7,052	79.1	7,049	6,849	200	2.8	1,863	32	5	474	1,352
55 to 59 years .....	4,157	86.8	4,155	4,052	103	2.5	630	12	4	224	390
60 to 64 years .....	2,894	70.1	2,894	2,797	97	3.4	1,233	20	2	249	962
65 years and over .....	1,835	21.9	1,835	1,781	54	3.0	6,536	115	4	469	5,948
65 to 69 years .....	1,099	34.4	1,099	1,056	43	3.9	2,094	33	3	130	1,928
70 years and over .....	736	14.2	736	724	12	1.6	4,442	83	--	340	4,020
<b>White</b>											
16 years and over .....	49,685	79.0	47,648	45,366	2,281	4.8	13,234	189	4,164	1,288	7,593
16 to 21 years .....	6,553	63.8	5,793	5,054	739	12.8	3,719	12	3,442	29	235
16 to 19 years .....	3,983	57.1	3,653	3,123	530	14.5	2,998	12	2,823	11	151
16 and 17 years .....	1,604	45.2	1,563	1,276	287	18.3	1,946	8	1,856	4	78
18 and 19 years .....	2,379	69.3	2,091	1,847	244	11.6	1,052	5	966	8	73
20 to 64 years .....	44,018	91.1	42,310	40,608	1,702	4.0	4,323	76	1,338	917	1,993
20 to 24 years .....	6,769	84.4	5,903	5,386	518	8.8	1,247	4	1,050	34	158
25 to 54 years .....	30,774	95.5	29,934	28,929	1,006	3.4	1,440	46	283	486	624
25 to 29 years .....	11,799	96.1	11,275	10,813	462	4.1	480	21	237	97	124
30 to 34 years .....	9,479	96.8	9,204	8,959	246	2.7	310	9	27	122	152
35 to 44 years .....	9,497	93.6	9,455	9,157	298	3.2	650	16	19	266	348
55 to 64 years .....	6,475	79.8	6,473	6,294	179	2.8	1,637	25	4	398	1,210
55 to 59 years .....	3,811	87.3	3,809	3,725	84	2.2	553	12	4	194	344
60 to 64 years .....	2,664	71.1	2,664	2,569	95	3.6	1,084	13	1	204	866
65 years and over .....	1,684	22.2	1,684	1,635	49	2.9	5,913	101	4	359	5,449
<b>Negro and other races</b>											
16 years and over .....	5,576	72.8	5,268	4,836	432	8.2	2,079	52	808	314	906
16 to 21 years .....	857	53.0	731	570	161	22.1	761	14	663	11	74
16 to 19 years .....	485	43.0	428	312	115	27.0	644	10	577	5	52
16 and 17 years .....	156	26.7	150	99	51	33.9	429	3	397	--	29
18 and 19 years .....	329	60.5	278	213	65	23.3	215	7	180	5	23
20 to 64 years .....	4,939	85.9	4,688	4,378	310	6.6	813	28	231	198	356
20 to 24 years .....	929	80.7	802	689	113	14.1	223	7	159	16	41
25 to 54 years .....	3,435	90.4	3,310	3,134	177	5.3	364	13	72	107	172
25 to 29 years .....	1,362	91.4	1,282	1,198	84	6.6	128	1	52	20	55
30 to 34 years .....	1,116	92.6	1,075	1,022	53	5.0	89	3	16	28	42
35 to 44 years .....	956	86.6	953	914	39	4.1	148	10	4	58	76
55 to 64 years .....	576	71.8	576	555	21	3.7	226	7	1	76	142
55 to 59 years .....	346	81.8	346	327	19	5.5	77	1	--	30	46
60 to 64 years .....	230	60.7	230	228	2	1.0	149	7	1	46	96
65 years and over .....	152	19.6	152	146	6	3.7	623	14	--	111	498

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

February 1973  
(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					
<b>FEMALE</b>											
16 years and over .....	33,813	44.1	33,767	31,636	2,132	6.3	42,924	35,027	4,582	948	2,368
16 to 21 years .....	5,599	48.2	5,577	4,803	774	13.9	6,021	1,625	4,137	24	235
16 to 19 years .....	3,397	43.1	3,388	2,833	555	16.4	4,491	791	3,503	17	180
16 and 17 years .....	1,332	33.2	1,331	1,097	234	17.6	2,682	214	2,367	2	100
18 and 19 years .....	2,065	53.3	2,056	1,736	321	15.6	1,809	578	1,136	16	80
20 to 64 years .....	29,375	51.5	29,339	27,798	1,541	5.3	27,686	25,220	1,079	338	1,048
20 to 24 years .....	5,471	60.0	5,447	4,983	464	8.5	3,640	2,634	860	16	130
25 to 54 years .....	19,685	52.0	19,672	18,750	922	4.7	18,162	17,192	214	191	565
25 to 29 years .....	3,980	51.6	3,974	3,724	250	6.3	3,732	6,682	84	24	94
30 to 34 years .....	3,086	48.3	3,083	2,923	160	5.2	3,306	3,152	50	18	86
35 to 39 years .....	2,933	51.7	2,932	2,796	136	4.6	2,735	2,596	36	23	80
40 to 44 years .....	3,190	54.2	3,188	3,065	123	3.9	2,691	2,571	20	25	75
45 to 49 years .....	3,291	53.4	3,290	3,137	154	4.7	2,876	2,723	13	29	111
50 to 54 years .....	3,204	53.2	3,204	3,106	98	3.1	2,822	2,621	11	71	120
55 to 64 years .....	4,220	41.8	4,220	4,065	155	3.7	5,884	5,393	6	132	353
55 to 59 years .....	2,524	47.5	2,524	2,425	99	3.9	2,792	2,601	3	64	124
60 to 64 years .....	1,696	35.4	1,696	1,640	56	3.3	3,092	2,792	3	68	229
65 years and over .....	1,041	8.8	1,041	1,005	36	3.5	10,747	9,015	--	592	1,140
65 to 69 years .....	621	15.6	621	601	20	3.3	3,351	2,960	--	84	307
70 years and over .....	420	5.4	420	404	16	3.8	7,396	6,055	--	508	833
<b>White</b>											
16 years and over .....	29,481	43.4	29,441	27,773	1,668	5.7	38,373	31,735	3,774	756	2,108
16 to 21 years .....	4,962	49.8	4,944	4,365	579	11.7	4,997	1,356	3,429	19	193
16 to 19 years .....	3,053	45.3	3,044	2,617	427	14.0	3,689	648	2,875	14	152
16 and 17 years .....	1,236	36.1	1,235	1,036	199	16.1	2,186	167	1,930	1	88
18 and 19 years .....	1,817	54.7	1,809	1,581	228	12.6	1,502	481	945	13	64
20 to 64 years .....	25,489	50.6	25,457	24,249	1,207	4.7	24,837	22,759	899	262	917
20 to 24 years .....	4,767	60.5	4,747	4,411	336	7.1	3,108	2,275	727	12	94
25 to 54 years .....	16,931	50.9	16,919	16,190	731	4.3	16,358	15,555	167	140	497
25 to 34 years .....	5,961	48.3	5,954	5,652	302	5.1	6,372	6,089	109	31	143
35 to 44 years .....	5,200	51.6	5,197	4,988	209	4.0	4,871	4,654	38	36	143
45 to 54 years .....	5,770	53.0	5,769	5,549	220	3.8	5,114	4,812	20	72	211
55 to 64 years .....	3,790	41.4	3,790	3,650	140	3.7	5,371	4,929	6	110	326
55 to 59 years .....	2,277	47.2	2,277	2,185	91	4.0	2,543	2,374	3	57	108
60 to 64 years .....	1,513	34.9	1,513	1,464	49	3.2	2,828	2,555	3	53	218
65 years and over .....	940	8.7	940	907	34	3.6	9,847	8,328	--	480	1,039
<b>Negro and other races</b>											
16 years and over .....	4,332	48.8	4,326	3,863	463	10.7	4,551	3,292	808	192	260
16 to 21 years .....	637	38.3	633	438	195	30.8	1,025	269	709	5	42
16 to 19 years .....	345	30.0	343	216	127	37.2	803	144	628	4	28
16 and 17 years .....	96	16.2	96	61	35	36.3	496	47	437	1	12
18 and 19 years .....	428	44.7	427	154	93	37.5	307	97	191	2	16
20 to 64 years .....	3,887	57.7	3,882	3,549	334	8.6	2,849	2,461	180	76	131
20 to 24 years .....	704	56.9	700	572	128	18.3	532	359	134	3	35
25 to 54 years .....	2,753	60.4	2,752	2,562	191	6.9	1,804	1,638	47	51	69
25 to 34 years .....	1,105	62.4	1,104	996	108	9.8	666	593	25	11	36
35 to 44 years .....	923	62.4	923	872	51	5.5	555	513	18	12	13
45 to 54 years .....	726	55.4	725	693	32	4.4	583	532	4	28	19
55 to 64 years .....	430	45.6	430	415	15	3.5	513	464	--	22	27
55 to 59 years .....	248	49.8	248	239	8	3.3	249	227	--	7	15
60 to 64 years .....	182	40.9	182	175	7	3.7	264	237	--	15	12
65 years and over .....	101	10.1	101	98	2	2.4	900	687	--	112	101

## 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. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>MALE</b>								
16 years and over .....	55,261	54,550	78.3	78.5	52,916	52,048	77.6	77.7
16 to 19 years .....	4,468	4,231	55.1	53.3	4,081	3,922	52.8	51.4
16 and 17 years .....	1,760	1,666	42.6	41.0	1,712	1,635	41.9	40.5
18 and 19 years .....	2,708	2,565	68.1	66.2	2,369	2,287	65.2	63.6
20 to 24 years .....	7,698	7,556	84.0	83.5	6,706	6,321	82.0	80.9
25 to 54 years .....	34,209	33,685	95.0	95.3	33,244	32,731	94.9	95.1
25 to 34 years .....	13,161	12,558	95.6	96.0	12,557	11,986	95.4	95.8
35 to 44 years .....	10,595	10,653	96.4	96.3	10,280	10,325	96.3	96.2
45 to 54 years .....	10,453	10,474	92.9	93.4	10,408	10,420	92.9	93.4
55 to 64 years .....	7,052	7,101	79.1	80.3	7,049	7,097	79.1	80.3
55 to 59 years .....	4,157	4,176	86.8	87.6	4,155	4,173	86.8	87.6
60 to 64 years .....	2,894	2,925	70.1	71.7	2,894	2,925	70.1	71.7
65 years and over .....	1,835	1,977	21.9	23.9	1,835	1,977	21.9	23.9
<b>White</b>								
16 years and over .....	49,685	49,086	79.0	79.2	47,648	46,875	78.3	78.4
16 to 19 years .....	3,983	3,781	57.1	55.2	3,653	3,508	54.9	53.3
16 and 17 years .....	1,604	1,514	45.2	43.3	1,563	1,486	44.5	42.9
18 and 19 years .....	2,379	2,267	69.3	67.5	2,091	2,022	66.5	65.0
20 to 24 years .....	6,769	6,670	84.4	83.9	5,903	5,568	82.6	81.3
25 to 54 years .....	30,774	30,327	95.5	95.8	29,934	29,493	95.4	95.7
25 to 34 years .....	11,799	11,232	96.1	96.3	11,275	10,732	95.9	96.1
35 to 44 years .....	9,479	9,561	96.8	97.0	9,204	9,276	96.7	96.9
45 to 54 years .....	9,497	9,534	93.6	94.2	9,455	9,484	93.6	94.2
55 to 64 years .....	6,475	6,497	79.8	80.8	6,473	6,495	79.8	80.8
55 to 59 years .....	3,811	3,832	87.3	88.3	3,809	3,829	87.3	88.3
60 to 64 years .....	2,664	2,665	71.1	72.0	2,664	2,665	71.1	72.0
65 years and over .....	1,684	1,811	22.2	24.1	1,684	1,811	22.2	24.1
<b>Negro and other races</b>								
16 years and over .....	5,576	5,464	72.8	73.2	5,268	5,173	71.7	72.2
16 to 19 years .....	485	450	43.0	41.5	428	413	39.9	39.4
16 and 17 years .....	156	152	26.7	26.7	150	148	25.9	26.2
18 and 19 years .....	329	299	60.5	57.7	278	265	56.4	54.8
20 to 24 years .....	929	886	80.7	81.0	802	752	78.3	78.3
25 to 54 years .....	3,435	3,358	90.4	90.4	3,310	3,239	90.1	90.1
25 to 34 years .....	1,362	1,326	91.4	93.5	1,282	1,254	91.0	93.2
35 to 44 years .....	1,116	1,092	92.6	90.8	1,075	1,049	92.4	90.4
45 to 54 years .....	956	940	86.6	85.9	953	936	86.6	85.8
55 to 64 years .....	576	603	71.8	75.1	576	603	71.8	75.1
55 to 59 years .....	346	344	81.8	80.9	346	343	81.8	80.8
60 to 64 years .....	230	260	60.7	68.7	230	260	60.7	68.7
65 years and over .....	152	166	19.6	21.8	152	166	19.6	21.8

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. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>FEMALE</b>								
16 years and over .....	33,813	32,769	44.1	43.4	33,767	32,730	44.0	43.4
16 to 19 years .....	3,397	3,203	43.1	41.5	3,388	3,195	43.0	41.4
16 and 17 years .....	1,332	1,256	33.2	31.9	1,331	1,255	33.2	31.9
18 and 19 years .....	2,065	1,948	53.3	51.5	2,056	1,940	53.2	51.4
20 to 24 years .....	5,471	5,167	60.0	57.4	5,447	5,148	59.9	57.3
25 to 34 years .....	19,685	19,055	52.0	51.2	19,672	19,044	52.0	51.2
25 to 34 years .....	7,066	6,409	50.1	47.7	7,058	6,402	50.1	47.7
35 to 44 years .....	6,123	6,054	53.0	52.1	6,120	6,051	53.0	52.1
45 to 54 years .....	6,496	6,592	53.3	54.3	6,494	6,590	53.3	54.3
55 to 64 years .....	4,220	4,265	41.8	42.8	4,220	4,265	41.8	42.8
55 to 59 years .....	2,524	2,564	47.5	48.7	2,524	2,564	47.5	48.7
60 to 64 years .....	1,696	1,701	35.4	36.1	1,696	1,701	35.4	36.1
65 years and over .....	1,041	1,079	8.8	9.4	1,041	1,079	8.8	9.4
<b>White</b>								
16 years and over .....	29,481	28,621	43.4	42.9	29,441	28,587	43.4	42.8
16 to 19 years .....	3,053	2,904	45.3	43.9	3,044	2,897	45.2	43.8
16 and 17 years .....	1,236	1,154	36.1	34.3	1,235	1,154	36.1	34.3
18 and 19 years .....	1,817	1,750	54.7	53.8	1,809	1,743	54.6	53.7
20 to 24 years .....	4,767	4,517	60.5	57.8	4,747	4,500	60.4	57.7
25 to 34 years .....	16,931	16,379	50.9	50.0	16,919	16,369	50.8	50.0
25 to 34 years .....	5,961	5,399	48.3	46.0	5,954	5,394	48.3	46.0
35 to 44 years .....	5,200	5,148	51.6	50.7	5,197	5,145	51.6	50.7
45 to 54 years .....	5,770	5,831	53.0	53.7	5,769	5,830	53.0	53.7
55 to 64 years .....	3,790	3,868	41.4	42.8	3,790	3,868	41.4	42.8
55 to 59 years .....	2,277	2,313	47.2	48.4	2,277	2,313	47.2	48.4
60 to 64 years .....	1,513	1,555	34.9	36.4	1,513	1,555	34.9	36.4
65 years and over .....	940	953	8.7	9.0	940	953	8.7	9.0
<b>Negro and other races</b>								
16 years and over .....	4,332	4,148	48.8	47.9	4,326	4,143	48.7	47.9
16 to 19 years .....	345	299	30.0	27.1	343	298	29.9	27.0
16 and 17 years .....	96	102	16.2	17.7	96	102	16.2	17.7
18 and 19 years .....	248	198	44.7	37.3	247	196	44.6	37.2
20 to 24 years .....	704	650	56.9	54.7	700	647	56.8	54.6
25 to 34 years .....	2,753	2,677	60.4	60.1	2,752	2,676	60.4	60.1
25 to 34 years .....	1,105	1,009	62.4	59.6	1,104	1,009	62.4	59.6
35 to 44 years .....	923	906	62.4	61.4	923	906	62.4	61.4
45 to 54 years .....	726	761	55.4	59.2	725	760	55.4	59.2
55 to 64 years .....	430	397	45.6	42.7	430	397	45.6	42.7
55 to 59 years .....	248	251	49.8	50.9	248	251	49.8	50.9
60 to 64 years .....	182	146	40.9	33.3	182	146	40.9	33.3
65 years and over .....	101	125	10.1	12.9	101	125	10.1	12.9



## A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex

February 1973  
(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	23,510	11,890	11,621	20,231	10,271	9,959	3,280	1,618	1,661
Total labor force	13,009	7,410	5,599	11,515	6,553	4,962	1,494	857	637
Percent of population	55.3	62.3	48.2	56.9	63.8	49.8	45.5	53.0	38.3
Civilian labor force	12,102	6,524	5,577	10,737	5,793	4,944	1,364	731	633
Employed	10,427	5,624	4,803	9,419	5,054	4,365	1,008	570	438
Agriculture	342	277	65	317	259	58	25	18	7
Nonagricultural industries	10,085	5,347	4,738	9,102	4,795	4,306	983	551	432
Unemployed	1,674	901	774	1,318	739	579	356	161	195
Percent of labor force	13.8	13.8	13.9	12.3	12.8	11.7	26.1	22.1	30.8
Looking for full-time work	995	540	455	736	422	314	259	117	141
Looking for part-time work	679	361	319	582	317	265	97	44	54
Not in labor force	10,501	4,480	6,021	8,715	3,719	4,997	1,786	761	1,025
Major activity: going to school									
Civilian labor force	3,898	2,099	1,799	3,608	1,956	1,652	290	143	147
Employed	3,253	1,735	1,518	3,055	1,639	1,416	198	96	102
Agriculture	124	102	22	122	101	21	3	1	1
Nonagricultural industries	3,129	1,633	1,496	2,933	1,538	1,395	195	94	101
Unemployed	645	364	281	553	317	236	92	47	45
Percent of labor force	16.5	17.3	15.6	15.3	16.2	14.3	31.7	33.1	30.4
Looking for full-time work	62	33	29	50	30	21	12	4	8
Looking for part-time work	583	331	252	503	287	216	80	44	36
Not in labor force	8,242	4,105	4,137	6,871	3,442	3,429	1,371	663	709
Major activity: other									
Civilian labor force	8,204	4,426	3,778	7,130	3,838	3,292	1,074	588	486
Employed	7,174	3,889	3,285	6,364	3,415	2,949	810	474	336
Agriculture	218	175	43	195	158	38	22	17	5
Nonagricultural industries	6,956	3,714	3,242	6,169	3,257	2,912	788	457	331
Unemployed	1,030	537	493	765	423	343	264	114	150
Percent of labor force	12.6	12.1	13.0	10.7	11.0	10.4	24.6	19.4	30.9
Looking for full-time work	933	507	426	686	393	293	247	114	133
Looking for part-time work	97	30	67	79	30	49	17	--	17
Not in labor force	2,259	375	1,884	1,884	276	1,568	414	98	316

## 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. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
	<b>Total</b>							
Total noninstitutional population	147,313	144,895	62,465	61,521	68,849	67,710	15,998	15,664
Total labor force	89,075	87,318	50,793	50,318	30,416	29,565	7,865	7,435
Percent of population	60.5	60.3	81.3	81.8	44.2	43.7	49.2	47.5
Civilian labor force	86,683	84,778	48,834	48,126	30,380	29,535	7,469	7,117
Employed	81,838	79,366	46,767	45,665	28,803	27,940	6,268	5,761
Agriculture	2,956	2,909	2,289	2,243	419	419	248	247
Nonagricultural industries	78,882	76,458	44,478	43,422	28,384	27,521	6,021	5,514
Unemployed	4,845	5,412	2,067	2,461	1,577	1,595	1,200	1,356
Percent of labor force	5.6	6.4	4.2	5.1	5.2	5.4	16.1	19.0
Not in labor force	58,238	57,577	11,672	11,203	38,433	38,145	8,132	8,230
<b>White</b>								
Total noninstitutional population	130,773	128,785	55,938	55,148	61,113	60,162	13,722	13,474
Total labor force	79,166	77,706	45,702	45,305	26,429	25,717	7,036	6,685
Percent of population	60.5	60.3	81.7	82.2	43.2	42.7	51.3	49.6
Civilian labor force	77,089	75,462	43,994	43,367	26,397	25,690	6,698	6,405
Employed	73,139	71,079	42,243	41,314	25,156	24,425	5,740	5,340
Agriculture	2,714	2,654	2,100	2,020	384	399	230	235
Nonagricultural industries	70,425	68,425	40,143	39,293	24,772	24,026	5,510	5,106
Unemployed	3,949	4,383	1,751	2,053	1,241	1,265	957	1,065
Percent of labor force	5.1	5.8	4.0	4.7	4.7	4.9	14.3	16.6
Not in labor force	51,607	51,078	10,236	9,843	34,684	34,446	6,686	6,789
<b>Negro and other races</b>								
Total noninstitutional population	16,539	16,111	6,527	6,373	7,736	7,547	2,276	2,191
Total labor force	9,908	9,612	5,091	5,013	3,988	3,849	830	750
Percent of population	59.9	59.7	78.0	78.7	51.5	51.0	36.5	34.2
Civilian labor force	9,594	9,316	4,840	4,759	3,983	3,845	771	712
Employed	8,699	8,288	4,524	4,352	3,647	3,515	528	421
Agriculture	242	255	189	223	35	20	17	12
Nonagricultural industries	8,457	8,033	4,335	4,129	3,612	3,495	511	409
Unemployed	895	1,026	316	408	336	330	243	291
Percent of labor force	9.3	11.0	6.5	8.6	8.4	8.6	31.5	40.9
Not in labor force	6,631	6,499	1,436	1,359	3,749	3,699	1,446	1,441

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

February 1973  
(Numbers 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 <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over	73,371	67,325	2,296	3,749	5.1	13,312	12,216	1,095	8.2
16 to 21 years	7,102	5,674	433	995	14.0	4,999	4,320	679	13.6
16 to 19 years	3,467	2,605	266	597	17.2	4,001	3,398	604	15.1
16 to 17 years	563	353	72	138	24.6	2,481	2,047	433	17.5
18 to 19 years	2,904	2,253	194	458	15.8	1,521	1,350	171	11.2
20 years and over	69,904	64,720	2,031	3,153	4.5	9,310	8,819	491	5.3
20 to 24 years	10,331	8,938	436	957	9.3	1,821	1,684	137	7.5
25 years and over	59,572	55,782	1,594	2,195	3.7	7,489	7,136	354	4.7
25 to 54 years	47,906	44,875	1,178	1,853	3.9	5,010	4,759	250	5.0
55 years and over	11,666	10,907	416	342	2.9	2,479	2,376	104	4.2
<b>Males, 16 years and over</b>	48,306	44,917	1,155	2,234	4.6	4,610	4,131	479	10.4
16 to 21 years	3,963	3,218	205	540	13.6	2,561	2,201	361	14.1
16 to 19 years	1,985	1,542	124	319	16.1	2,096	1,770	326	15.6
20 years and over	46,321	43,375	1,031	1,915	4.1	2,513	2,361	153	6.1
20 to 24 years	5,860	5,081	216	563	9.6	845	778	67	8.0
25 years and over	40,460	38,294	816	1,351	3.3	1,668	1,583	86	5.2
25 to 54 years	32,610	30,906	566	1,138	3.5	1,334	591	45	7.1
55 years and over	7,850	7,388	250	214	2.7	1,034	992	41	4.0
<b>Females, 16 years and over</b>	25,065	22,409	1,141	1,516	6.0	8,702	8,086	616	7.1
16 to 21 years	3,139	2,456	228	455	14.5	2,438	2,119	319	13.1
16 to 19 years	1,483	1,063	142	278	18.7	1,905	1,628	277	14.6
20 years and over	23,583	21,345	1,000	1,238	5.2	6,797	6,458	339	5.0
20 to 24 years	4,471	3,856	221	394	8.8	976	906	70	7.2
25 years and over	19,112	17,489	778	844	4.4	5,821	5,553	269	4.6
25 to 54 years	15,296	13,969	612	715	4.7	4,375	4,169	207	4.7
55 years and over	3,815	3,520	166	129	3.4	1,445	1,384	62	4.3
<b>WHITE</b>									
<b>Males, 16 years and over</b>	43,435	40,616	959	1,861	4.3	4,212	3,792	420	10.0
16 to 21 years	3,423	2,824	177	422	12.3	2,370	2,053	317	13.4
16 to 19 years	1,716	1,361	108	248	14.4	1,937	1,655	282	14.6
20 years and over	41,719	39,255	851	1,613	3.9	2,275	2,137	138	6.1
20 to 24 years	5,117	4,483	182	453	8.8	786	721	65	8.3
25 years and over	36,602	34,773	669	1,161	3.2	1,488	1,416	73	4.9
25 to 54 years	29,386	27,956	462	968	3.3	548	511	38	6.9
55 years and over	7,217	6,817	207	193	2.7	940	905	35	3.7
<b>Females, 16 years and over</b>	21,518	19,450	938	1,130	5.3	7,923	7,386	538	6.8
16 to 21 years	2,700	2,187	199	314	11.6	2,244	1,979	265	11.8
16 to 19 years	1,281	963	127	191	14.9	1,763	1,526	236	13.4
20 years and over	20,236	18,487	810	939	4.6	6,161	5,859	301	4.9
20 to 24 years	3,856	3,384	193	280	7.3	890	834	56	6.3
25 years and over	16,380	15,103	617	660	4.0	5,270	5,025	245	4.6
25 to 54 years	12,919	11,893	481	545	4.2	4,000	3,814	185	4.6
55 years and over	3,461	3,209	137	115	3.3	1,270	1,211	60	4.7
<b>NEGRO AND OTHER RACES</b>									
<b>Males, 16 years and over</b>	4,870	4,301	197	372	7.6	398	338	59	14.9
16 to 21 years	540	394	28	117	21.7	191	147	44	22.9
16 to 19 years	269	181	16	71	26.5	159	115	44	27.9
20 years and over	4,601	4,120	180	301	6.5	239	224	15	6.3
20 to 24 years	743	599	34	111	14.9	59	57	2	(2)
25 years and over	3,859	3,521	147	190	4.9	180	166	13	7.2
25 to 54 years	3,224	2,950	104	171	5.3	86	80	6	7.0
55 years and over	634	571	43	21	3.3	94	87	7	7.4
<b>Females, 16 years and over</b>	3,548	2,959	203	385	10.9	778	700	78	10.0
16 to 21 years	439	269	29	141	32.2	194	140	54	27.6
16 to 19 years	201	100	14	87	43.1	142	101	41	28.8
20 years and over	3,347	2,859	189	299	8.9	636	599	37	5.9
20 to 24 years	615	473	28	114	18.5	86	72	14	16.5
25 years and over	2,732	2,385	161	185	6.8	551	528	24	4.4
25 to 54 years	2,377	2,075	131	170	7.2	375	354	21	5.6
55 years and over	355	310	29	15	4.2	176	174	3	1.7

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.  
<sup>2</sup> Percent not shown where base is less than 75,000.

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Total, 16 years and over</b> .....	2,173	3,293	5.1	6.3	2,132	2,119	6.3	6.5
16 to 19 years .....	646	832	15.8	21.2	555	524	16.4	16.4
16 and 17 years .....	337	377	19.7	23.0	234	234	17.6	18.7
18 and 19 years .....	308	455	13.0	19.9	321	290	15.6	14.9
20 years and over .....	2,067	2,461	4.2	5.1	1,577	1,595	5.2	5.4
20 to 24 years .....	630	736	9.4	11.6	464	470	8.5	9.1
25 years and over .....	1,437	1,725	3.4	4.1	1,113	1,126	4.5	4.6
25 to 34 years .....	547	632	4.4	5.3	410	404	5.8	6.3
35 to 44 years .....	299	370	2.9	3.6	259	283	4.2	4.7
45 to 54 years .....	337	356	3.2	3.4	252	270	3.9	4.1
55 to 64 years .....	200	286	2.8	4.0	155	137	3.7	3.2
55 to 59 years .....	103	138	2.5	3.3	99	76	3.9	3.0
60 to 64 years .....	97	148	3.4	5.0	56	60	3.3	3.5
65 years and over .....	54	82	3.0	4.1	36	32	3.5	2.9
<b>Household head, 16 years and over</b> .....	1,449	1,688	3.3	3.9	415	380	5.7	5.4
16 to 24 years .....	232	240	5.9	6.6	103	85	11.2	10.5
25 to 54 years .....	971	1,106	3.1	3.6	219	230	5.3	5.9
55 years and over .....	247	343	2.9	3.9	93	65	4.2	2.9

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. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Total, 16 years and over</b> .....	2,713	3,293	5.1	6.3	2,132	2,119	6.3	6.5
Married, spouse present .....	1,239	1,461	3.1	3.7	998	1,082	5.0	5.6
Widowed, divorced, or separated .....	230	254	7.4	8.5	383	355	6.1	5.9
Single (never married) .....	1,244	1,578	12.2	15.9	750	682	9.7	9.3
<b>Total, 20 to 64 years of age</b> .....	2,013	2,379	4.3	5.2	1,541	1,563	5.3	5.5
Married, spouse present .....	1,167	1,369	3.1	3.7	892	993	4.7	5.3
Widowed, divorced, or separated .....	221	246	7.8	9.0	350	322	6.3	6.0
Single (never married) .....	625	764	9.9	12.4	299	248	6.4	5.6
<b>White, 16 years and over</b> .....	2,281	2,711	4.8	5.8	1,668	1,672	5.7	5.8
Married, spouse present .....	1,079	1,234	3.0	3.5	840	903	4.7	5.2
Widowed, divorced, or separated .....	184	195	7.4	8.0	286	260	5.7	5.4
Single (never married) .....	1,019	1,282	11.4	14.8	542	508	8.1	7.9
<b>White, 20 to 64 years of age</b> .....	1,702	1,981	4.0	4.8	1,207	1,234	4.7	5.0
Married, spouse present .....	1,008	1,157	2.9	3.4	754	825	4.4	5.0
Widowed, divorced, or separated .....	177	190	7.8	8.6	255	233	5.8	5.4
Single (never married) .....	516	635	9.4	11.9	198	177	5.0	4.6
<b>Negro and other races, 16 years and over</b> .....	432	581	8.2	11.2	463	447	10.7	10.8
Married, spouse present .....	161	227	4.7	6.7	158	179	7.7	8.6
Widowed, divorced, or separated .....	46	59	7.4	10.4	97	94	7.7	8.1
Single (never married) .....	225	296	18.2	24.5	208	173	20.4	19.5
<b>Negro and other races, 20 to 64 years of age</b> .....	310	398	6.6	8.7	334	329	8.6	8.8
Married, spouse present .....	157	213	4.8	6.5	138	167	7.0	8.3
Widowed, divorced, or separated .....	45	57	7.8	10.8	94	90	8.0	8.5
Single (never married) .....	109	127	13.3	15.6	100	71	13.9	11.2

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>TOTAL</b> .....	4,845	5,412	5.6	6.4	5.1	6.3	6.3	6.5
White-collar workers .....	1,279	1,410	3.1	3.5	2.0	2.8	4.2	4.3
Professional and technical .....	225	271	1.9	2.3	1.6	2.3	2.1	2.3
Managers and administrators, except farm .....	155	154	1.8	1.9	1.5	1.7	3.1	2.8
Sales workers .....	241	263	4.4	4.9	2.9	3.7	6.6	6.4
Clerical workers .....	659	721	4.3	4.8	2.9	4.7	4.8	4.8
Blue-collar workers .....	2,160	2,598	7.1	8.7	6.6	8.4	9.2	10.6
Craftsmen and kindred workers .....	581	678	5.2	6.1	5.1	6.2	6.6	3.7
Carpenters and other construction craftsmen .....	313	370	9.2	11.3	9.1	11.3	(1)	--
All other .....	268	308	3.4	3.9	3.3	3.9	5.9	3.8
Operatives, except transport .....	868	1,051	7.5	9.6	6.2	8.3	9.5	11.6
Transport equipment operatives .....	216	225	6.2	6.7	6.4	6.9	3.1	2.0
Nonfarm laborers .....	496	644	11.7	15.1	11.7	15.6	12.2	7.5
Construction laborers .....	180	246	20.7	25.9	20.8	26.0	--	--
All other .....	316	398	9.4	12.0	9.1	12.4	12.2	7.6
Service workers .....	759	742	6.6	6.4	6.5	7.1	6.6	6.0
Private household .....	54	59	3.8	3.8	(1)	--	3.8	3.8
All other .....	705	683	7.0	6.8	6.5	7.1	7.3	6.6
Farmers and farm laborers .....	88	89	3.2	3.4	3.2	3.0	3.5	5.2
No previous work experience .....	558	572	--	--	--	--	--	--
16 to 19 years .....	454	452	--	--	--	--	--	--
20 to 24 years .....	62	69	--	--	--	--	--	--
25 years and over .....	41	51	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Total</b> .....	100.0	100.0	5.6	6.4	5.1	6.3	6.3	6.5
Nonagricultural private wage and salary workers .....	77.3	78.7	5.9	6.9	5.5	7.0	6.7	6.8
Mining .....	.8	.3	6.2	3.0	6.2	3.0	(1)	(1)
Construction .....	12.5	12.7	14.5	17.0	15.2	17.7	3.0	4.9
Manufacturing .....	22.1	26.3	5.1	7.0	3.9	5.8	8.0	9.7
Durable goods .....	12.1	15.5	4.8	7.0	3.8	6.4	8.3	9.4
Primary metal industries .....	1.0	2.0	3.6	8.3	3.3	7.5	6.4	16.8
Fabricated metal products .....	1.7	2.0	5.4	7.3	4.8	6.8	8.0	9.6
Machinery .....	1.1	2.1	2.4	5.6	2.1	5.0	4.4	8.8
Electrical equipment .....	2.0	2.1	4.7	5.8	3.8	4.6	6.0	7.6
Motor vehicles and equipment .....	.5	1.1	2.2	5.8	2.3	5.7	1.1	6.2
All other transportation equipment .....	1.2	1.5	5.7	8.3	4.2	6.9	14.8	17.7
Other durable goods industries .....	4.6	4.7	7.5	8.1	5.6	7.6	12.3	9.6
Nondurable goods .....	10.1	10.8	5.5	6.9	4.0	4.8	7.9	9.9
Food and kindred products .....	3.5	3.2	9.2	9.3	6.0	6.9	17.7	15.3
Textile mill products .....	.9	.9	4.4	5.3	3.6	3.9	5.2	6.8
Apparel and other finished textile products .....	2.0	2.4	6.6	8.7	6.7	5.0	6.6	9.6
Other nondurable goods industries .....	3.6	4.3	3.9	5.5	3.0	4.0	6.2	9.0
Transportation and public utilities .....	3.7	4.1	3.9	4.7	3.7	4.7	4.4	4.9
Railroads and railway express .....	.2	.5	2.1	4.3	2.0	4.4	(1)	(1)
Other transportation .....	2.5	2.4	5.6	6.1	5.6	6.5	5.3	3.8
Communication and other public utilities .....	1.0	1.2	2.4	3.4	1.8	2.3	3.8	5.5
Wholesale and retail trade .....	22.1	20.2	6.9	7.3	5.7	6.7	8.5	8.0
Finance, insurance, and real estate .....	2.9	2.7	3.4	3.7	2.3	4.0	4.3	3.4
Service industries .....	13.3	12.4	4.9	5.3	4.4	5.9	5.2	5.0
Professional services .....	5.0	4.7	3.4	3.8	2.8	3.5	3.8	3.9
All other service industries .....	8.3	7.7	6.6	7.0	5.9	7.9	7.2	6.4
Agricultural wage and salary workers .....	2.4	2.2	10.0	11.0	10.7	10.3	6.2	14.2
All other classes of workers .....	8.8	8.5	2.0	2.1	1.7	2.0	2.3	2.2
No previous work experience .....	11.5	10.6	--	--	--	--	--	--

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

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

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Unemployment level</b>												
Total unemployed, in thousands . . . . .	4,845	5,412	2,067	2,461	1,577	1,595	1,200	1,356	3,949	4,383	895	1,028
Lost last job . . . . .	2,182	2,677	1,346	1,641	605	705	231	331	1,822	2,227	360	451
Left last job . . . . .	678	611	292	249	244	234	142	129	552	509	126	102
Reentered labor force . . . . .	1,432	1,557	380	515	676	593	377	449	1,160	1,223	273	334
Never worked before . . . . .	553	566	49	55	52	63	451	448	416	242	137	142
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 . . . . .	45.0	49.5	65.1	66.7	38.4	44.3	19.2	24.4	46.1	50.8	40.2	43.9
Left last job . . . . .	14.0	11.3	14.1	10.1	15.5	14.6	11.8	9.5	14.0	11.6	14.0	9.9
Reentered labor force . . . . .	29.6	28.8	18.4	20.9	42.9	37.2	31.4	33.1	29.4	27.9	30.5	32.5
Never worked before . . . . .	11.4	10.5	2.4	2.3	3.3	4.0	37.6	33.0	10.5	9.7	15.3	13.8
<b>Unemployment rate</b>												
Total unemployment rate . . . . .	5.6	6.4	4.2	5.1	5.2	5.4	16.1	19.0	5.1	5.8	9.3	11.0
Job-loser rate <sup>1</sup> . . . . .	2.5	3.1	2.8	3.4	2.0	2.4	3.1	4.7	2.3	3.0	3.8	4.8
Job-leaver rate <sup>1</sup> . . . . .	.8	.7	.6	.5	.8	.8	1.9	1.8	.7	.7	1.3	1.1
Reentrant rate <sup>1</sup> . . . . .	1.7	1.8	.8	1.1	2.2	2.0	5.0	6.3	1.5	1.6	2.8	3.6
New entrant rate <sup>1</sup> . . . . .	.6	.7	.1	.1	.3	.2	6.0	6.3	.5	.6	1.4	1.5

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

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

February 1973  
(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 . . . . .	4,845	100.0	45.9	33.9	20.2	12.5	7.7
Lost last job . . . . .	2,182	100.0	36.7	37.7	25.6	16.6	9.0
Left last job . . . . .	678	100.0	48.4	32.0	19.6	11.1	8.6
Reentered labor force . . . . .	1,432	100.0	56.7	29.7	13.5	8.4	5.2
Never worked before . . . . .	553	100.0	51.3	32.1	16.7	9.1	7.6
Male, 20 years and over . . . . .	2,067	100.0	37.6	37.4	25.0	15.0	9.9
Lost last job . . . . .	1,346	100.0	34.5	39.0	26.5	17.2	9.3
Left last job . . . . .	292	100.0	42.3	35.5	22.2	8.9	13.3
Reentered labor force . . . . .	380	100.0	43.9	34.2	21.8	12.6	9.2
Never worked before . . . . .	49	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over . . . . .	1,577	100.0	51.3	29.7	19.0	11.8	7.2
Lost last job . . . . .	605	100.0	35.0	36.3	28.7	(1)	(1)
Left last job . . . . .	244	100.0	55.0	22.7	22.3	15.7	6.6
Reentered labor force . . . . .	676	100.0	64.6	26.4	9.0	5.0	4.0
Never worked before . . . . .	52	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years . . . . .	1,200	100.0	53.0	33.3	13.7	9.2	4.5
Lost last job . . . . .	231	100.0	53.7	33.8	12.6	9.1	3.5
Left last job . . . . .	142	100.0	49.7	40.6	9.8	7.7	2.1
Reentered labor force . . . . .	377	100.0	55.6	31.2	13.2	10.3	2.9
Never worked before . . . . .	451	100.0	51.4	32.8	15.7	8.9	6.9

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

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
Total .....	4,845	5,412	100.0	100.0	1,865	2,068	100.0	100.0
Less than 5 weeks .....	2,224	2,080	45.9	38.4	735	691	39.4	33.4
5 to 14 weeks .....	1,641	1,909	33.9	35.3	679	747	36.4	36.1
5 to 10 weeks .....	1,256	1,427	25.9	26.4	503	517	27.0	25.0
11 to 14 weeks .....	384	482	7.9	8.9	176	229	9.4	11.1
15 weeks and over .....	979	1,422	20.2	26.3	451	631	24.2	30.5
15 to 26 weeks .....	608	766	12.6	14.2	275	322	14.7	15.6
27 weeks and over .....	372	656	7.7	12.1	176	309	9.4	14.9
Average (mean) duration .....	10.6	12.6	--	--	12.4	14.4	--	--

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

February 1973

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. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Total</b> .....	4,845	2,224	1,641	608	372	10.6	45.9	38.4	20.2	26.3
16 to 21 years .....	1,674	896	559	142	78	7.9	53.5	46.0	13.1	20.8
16 to 19 years .....	1,200	636	400	111	54	7.9	53.0	47.1	13.7	19.7
20 to 24 years .....	1,095	572	348	118	57	8.9	52.3	38.6	16.0	23.9
25 to 34 years .....	957	423	340	118	75	11.0	44.2	39.5	20.2	26.3
35 to 44 years .....	558	220	211	78	49	11.5	39.4	35.2	22.8	27.0
45 to 54 years .....	589	236	190	94	68	13.7	40.2	34.5	27.5	30.3
55 to 64 years .....	355	116	112	74	53	15.6	32.7	21.8	35.8	43.0
65 years and over .....	91	20	41	14	16	16.2	22.0	25.9	33.1	42.0
<b>Male</b> .....	2,713	1,074	1,027	375	238	11.8	39.6	35.8	22.6	27.3
16 to 21 years .....	901	423	351	82	44	8.2	47.0	45.5	14.0	21.0
16 to 19 years .....	646	295	253	64	33	8.5	45.8	47.6	15.0	19.3
20 to 24 years .....	630	300	211	79	40	9.9	47.6	35.5	18.9	26.4
25 to 34 years .....	547	201	226	73	48	12.4	36.7	33.8	22.0	27.8
35 to 44 years .....	299	97	122	49	30	13.7	32.3	30.6	26.7	28.0
45 to 54 years .....	337	120	125	50	42	14.7	35.5	31.7	27.4	32.6
55 to 64 years .....	200	46	70	51	32	17.1	23.2	20.1	41.7	41.0
65 years and over .....	54	15	19	8	12	18.4	(1)	(1)	(1)	(1)
<b>Female</b> .....	2,132	1,150	614	233	134	9.0	54.0	42.5	17.2	24.7
16 to 21 years .....	774	472	207	60	34	7.5	61.0	46.9	12.2	20.6
16 to 19 years .....	555	341	147	47	21	7.1	61.4	46.4	12.2	20.3
20 to 24 years .....	464	272	136	39	17	7.6	58.6	43.4	12.0	19.9
25 to 34 years .....	410	222	115	45	28	9.2	54.3	48.4	17.8	23.9
35 to 44 years .....	259	123	88	29	19	8.9	47.6	41.3	18.4	25.7
45 to 54 years .....	252	117	65	44	26	12.5	46.4	38.1	27.7	27.3
55 to 64 years .....	155	70	42	23	21	13.5	45.0	25.4	28.2	47.1
65 years and over .....	36	5	22	6	3	12.9	(1)	(1)	(1)	(1)
<b>White: Total</b> .....	3,949	1,813	1,346	481	310	10.6	45.9	39.1	20.0	25.3
Male .....	2,281	911	857	301	212	11.9	39.9	36.4	22.5	26.2
Female .....	1,668	902	488	180	98	8.7	54.1	43.5	16.6	23.9
<b>Negro and other races: Total</b> .....	895	411	295	126	62	10.7	45.9	35.5	21.1	30.3
Male .....	432	163	169	73	26	11.0	37.8	33.0	23.0	32.4
Female .....	463	248	126	53	36	10.4	53.5	38.7	19.3	27.6
<b>Male: Married, wife present</b> .....	1,239	448	484	189	119	12.6	36.1	31.7	24.8	30.7
Widowed, divorced, or separated .....	230	74	89	38	30	15.7	32.1	37.9	29.3	34.5
Single (never married) .....	1,244	552	454	148	89	10.3	44.4	39.4	19.1	23.0
<b>Female: Married, husband present</b> .....	998	551	279	113	55	8.6	55.2	44.0	16.8	23.3
Widowed, divorced, or separated .....	383	182	132	43	26	10.1	47.5	34.7	18.0	33.2
Single (never married) .....	750	417	203	78	52	9.1	55.6	44.1	17.3	22.4

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

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

February 1973

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. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>OCCUPATION</b>										
White-collar workers .....	1,279	637	390	152	101	10.3	49.8	38.2	19.7	28.4
Professional and managerial .....	380	146	137	60	35	12.7	38.4	38.8	25.0	32.9
Sales workers .....	241	126	69	24	21	10.3	52.6	41.1	18.7	20.9
Clerical workers .....	659	364	183	68	44	9.0	55.2	36.9	17.0	28.5
Blue-collar workers .....	2,160	864	837	284	176	11.2	40.0	34.5	21.3	26.4
Craftsmen and kindred workers .....	581	235	231	75	40	10.5	40.5	33.4	19.7	22.1
Operatives, except transport .....	868	381	297	113	76	11.3	43.9	37.5	21.8	29.9
Transport equipment operatives .....	216	67	92	33	24	12.7	30.9	30.0	26.3	24.0
Nonfarm laborers .....	496	181	215	63	36	11.5	36.6	32.4	20.0	26.2
Service workers .....	759	398	205	108	49	9.7	5.23	45.6	20.6	24.5
<b>INDUSTRY<sup>1</sup></b>										
Agriculture .....	123	44	53	18	7	10.2	35.9	35.7	20.9	21.7
Construction .....	623	228	284	81	29	10.0	36.7	34.2	17.7	19.8
Manufacturing .....	1,082	451	394	149	87	11.3	41.7	32.8	21.9	34.3
Durable goods .....	593	267	197	77	53	11.4	44.9	29.5	21.8	39.7
Nondurable goods .....	488	185	196	73	34	11.1	37.8	37.5	21.9	26.6
Transportation and public utilities .....	192	85	54	34	19	12.7	44.1	33.7	27.8	25.1
Wholesale and retail trade .....	1,072	518	345	122	88	10.2	48.3	42.7	19.5	22.1
Finance and service industries .....	956	504	259	122	71	9.8	52.7	40.8	20.2	27.1
Public administration .....	123	62	30	14	18	14.4	49.9	37.8	25.8	23.1
No previous work experience .....	558	288	177	50	42	10.0	51.7	47.3	16.6	24.0

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

## A-17: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>All industries</b> .....	81,838	79,366	50,203	48,755	31,636	30,611
16 to 19 years .....	6,268	5,761	3,436	3,090	2,833	2,671
16 to 17 years .....	2,472	2,279	1,375	1,258	1,097	1,021
18 to 19 years .....	3,796	3,482	2,061	1,832	1,736	1,650
20 to 24 years .....	11,058	10,263	6,075	5,585	4,983	4,678
25 to 54 years .....	50,812	49,461	32,062	31,374	18,750	18,087
25 to 34 years .....	18,658	17,353	12,011	11,354	6,648	5,999
35 to 44 years .....	15,841	15,723	9,981	9,955	5,861	5,768
45 to 54 years .....	16,313	16,385	10,071	10,064	6,242	6,320
55 to 64 years .....	10,913	10,940	6,849	6,812	4,065	4,128
55 to 59 years .....	6,477	6,522	4,052	4,034	2,425	2,488
60 to 64 years .....	4,437	4,417	2,797	2,777	1,640	1,640
65 years and over .....	2,786	2,942	1,781	1,895	1,005	1,047
<b>Nonagricultural industries</b> .....	78,882	76,458	47,714	46,302	31,168	30,156
16 to 19 years .....	6,021	5,514	3,236	2,880	2,784	2,634
16 to 17 years .....	2,326	2,142	1,256	1,137	1,070	1,005
18 to 19 years .....	3,694	3,372	1,980	1,743	1,714	1,629
20 to 24 years .....	10,831	10,045	5,886	5,393	4,946	4,651
25 to 54 years .....	49,326	47,974	30,848	30,165	18,478	17,809
25 to 34 years .....	18,199	16,935	11,636	11,004	6,563	5,931
35 to 44 years .....	15,398	15,237	9,631	9,572	5,767	5,665
45 to 54 years .....	15,729	15,802	9,581	9,589	6,148	6,213
55 to 64 years .....	10,293	10,356	6,303	6,308	3,990	4,048
55 to 59 years .....	6,153	6,223	3,775	3,792	2,378	2,431
60 to 64 years .....	4,140	4,133	2,528	2,516	1,612	1,616
65 years and over .....	2,411	2,569	1,441	1,555	970	1,014
<b>Agriculture</b> .....	2,956	2,909	2,489	2,453	468	455
16 to 19 years .....	248	247	199	210	48	37
16 to 17 years .....	146	137	119	121	27	16
18 to 19 years .....	102	110	81	89	22	21
20 to 24 years .....	227	218	189	192	37	27
25 to 54 years .....	1,486	1,486	1,214	1,208	272	278
25 to 34 years .....	459	417	375	350	85	68
35 to 44 years .....	443	487	350	383	94	103
45 to 54 years .....	584	582	490	475	94	107
55 to 64 years .....	621	584	546	503	75	80
55 to 59 years .....	324	299	277	243	47	57
60 to 64 years .....	297	284	269	261	28	24
65 years and over .....	375	374	340	340	35	34

## 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. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
	<b>Total</b> .....	81,838	79,366	46,767	45,665	28,803	27,940	3,436	3,090	2,833
<b>White-collar workers</b> .....	40,121	38,847	20,032	19,437	18,057	17,357	593	625	1,439	1,428
Professional and technical .....	11,913	11,459	6,887	6,833	4,878	4,451	81	89	67	86
Health workers .....	1,991	1,820	766	702	1,207	1,105	2	3	15	11
Teachers, except college .....	3,158	3,051	878	934	2,250	2,083	10	7	20	28
Other professional and technical .....	6,764	6,588	5,243	5,197	1,422	1,263	68	79	32	47
Managers and administrators, except farm ..	8,393	7,977	6,868	6,564	1,464	1,352	50	41	11	19
Salaried workers .....	6,679	6,169	5,481	5,123	1,146	991	41	38	11	18
Self-employed workers in retail trade ..	919	990	687	746	226	242	5	2	--	--
Self-employed workers, except retail trade	795	818	700	695	92	120	4	1	--	1
Sales workers .....	5,269	5,157	3,011	2,831	1,725	1,807	216	223	316	297
Retail trade .....	2,934	2,955	1,039	994	1,427	1,517	170	162	298	283
Other industries .....	2,335	2,202	1,972	1,837	298	290	47	61	18	14
Clerical workers .....	14,547	14,253	3,266	3,209	9,990	9,747	246	272	1,045	1,026
Stenographers, typists, and secretaries ..	4,151	4,005	70	59	3,723	3,630	5	4	353	312
Other clerical workers .....	10,396	10,248	3,196	3,150	6,267	6,117	241	268	692	714
<b>Blue-collar workers</b> .....	28,293	27,124	21,357	20,912	4,673	4,368	1,925	1,587	339	257
Craftsmen and kindred workers .....	10,651	10,490	9,915	9,836	406	403	316	236	13	15
Carpenters .....	979	927	937	909	5	--	38	18	--	1
Construction craftsmen, except carpenters	2,117	1,976	2,063	1,908	4	9	49	58	--	2
Mechanics and repairmen .....	2,777	2,816	2,628	2,697	22	37	127	81	1	1
Metal craftsmen .....	1,126	1,160	1,079	1,119	12	16	29	25	--	--
Foremen, not elsewhere classified .....	1,412	1,390	1,301	1,275	104	112	5	3	1	--
All other .....	2,241	2,221	1,908	1,928	259	229	68	51	11	11
Operatives, except transport .....	10,674	9,876	5,783	5,479	3,908	3,658	690	523	293	215
Durable goods manufacturing .....	4,699	4,275	2,998	2,834	1,287	1,234	247	136	93	72
Nondurable goods manufacturing .....	3,620	3,387	1,397	1,331	1,939	1,858	128	96	156	102
Other industries .....	2,355	2,214	1,388	1,314	681	566	315	291	45	41
Transport equipment operatives .....	3,239	3,147	2,910	2,894	150	120	171	131	8	2
Drivers and deliverymen .....	2,724	2,716	2,434	2,485	147	119	135	110	8	2
All other .....	515	432	475	409	3	2	36	21	--	--
Nonfarm laborers .....	3,730	3,611	2,749	2,701	209	187	748	698	24	25
Construction .....	687	704	582	611	3	2	102	90	--	--
Manufacturing .....	1,018	947	842	771	83	72	92	103	1	1
Other industries .....	2,024	1,960	1,325	1,319	122	112	553	505	24	23
<b>Service workers</b> .....	10,791	10,822	3,290	3,313	5,742	5,872	740	684	1,019	954
Private household workers .....	1,388	1,515	12	17	1,045	1,130	5	7	326	361
Service workers, except private household ..	9,403	9,307	3,278	3,295	4,697	4,742	735	677	694	592
Food service workers .....	3,229	3,198	608	616	1,781	1,837	410	347	431	398
Protective service workers .....	1,126	1,053	1,060	983	56	59	11	9	--	2
All other .....	5,048	5,056	1,609	1,696	2,860	2,846	315	321	264	192
<b>Farm workers</b> .....	2,632	2,575	2,087	2,004	332	344	178	195	35	33
Farmers and farm managers .....	1,583	1,558	1,488	1,476	86	71	10	10	--	--
Farm laborers and foremen .....	1,049	1,017	599	528	246	272	169	185	35	32
Paid workers .....	780	681	575	478	75	71	107	110	23	22
Unpaid family workers .....	269	336	25	50	170	202	62	74	12	10



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

(Percent distribution)

Occupational group and color	Total		Male		Female	
	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Total</b>						
Total employed (thousands) .....	81,838	79,366	50,203	48,755	31,636	30,611
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	49.0	48.9	41.1	41.1	61.6	61.4
Professional and technical .....	14.6	14.4	13.9	14.2	15.6	14.8
Managers and administrators, except farm .....	10.3	10.1	13.8	13.5	4.7	4.5
Sales workers .....	6.4	6.5	6.4	6.3	6.5	6.9
Clerical workers .....	17.8	18.0	7.0	7.1	34.9	35.2
<b>Blue-collar workers</b> .....	34.6	34.2	46.4	46.1	15.8	15.1
Craftsmen and kindred workers .....	13.0	13.2	20.4	20.7	1.3	1.4
Operatives, except transport .....	13.0	12.4	12.9	12.3	13.3	12.7
Transport equipment operatives .....	4.0	4.0	6.1	6.2	.5	.4
Nonfarm laborers .....	4.6	4.5	7.0	7.0	.7	.7
<b>Service workers</b> .....	13.2	13.6	8.0	8.2	21.4	22.3
Private household workers .....	1.7	1.9	(1)	(1)	4.3	4.9
Other service workers .....	11.5	11.7	8.0	8.1	17.0	17.4
<b>Farm workers</b> .....	3.2	3.2	4.5	4.5	1.2	1.2
Farmers and farm managers .....	1.9	2.0	3.0	3.0	.3	.2
Farm laborers and foremen .....	1.3	1.3	1.5	1.5	.9	1.0
<b>White</b>						
Total employed (thousands) .....	73,139	71,079	45,366	44,164	27,773	26,915
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	51.0	51.1	42.9	43.0	64.2	64.4
Professional and technical .....	15.0	15.0	14.5	14.8	15.9	15.4
Managers and administrators, except farm .....	11.0	10.8	14.7	14.4	5.0	4.8
Sales workers .....	7.0	7.0	6.9	6.7	7.0	7.4
Clerical workers .....	18.0	18.3	6.8	7.1	36.3	36.8
<b>Blue-collar workers</b> .....	34.0	33.6	45.3	45.0	15.6	15.0
Craftsmen and kindred workers .....	13.6	13.8	21.0	21.3	1.4	1.5
Operatives, except transport .....	12.6	12.1	12.4	11.9	12.9	12.5
Transport equipment operatives .....	3.8	3.8	5.8	5.8	.5	.4
Nonfarm laborers .....	4.0	3.9	6.0	6.0	.7	.6
<b>Service workers</b> .....	11.7	11.9	7.2	7.4	19.0	19.3
Private household workers .....	1.2	1.3	(1)	(1)	3.1	3.3
Other service workers .....	10.5	10.7	7.2	7.4	16.0	16.0
<b>Farm workers</b> .....	3.3	3.3	4.6	4.6	1.2	1.3
Farm and farm managers .....	2.1	2.1	3.2	3.2	.3	.3
Farm laborers and foremen .....	1.2	1.2	1.4	1.3	.9	1.1
<b>Negro and other races</b>						
Total employed (thousands) .....	8,699	8,288	4,836	4,592	3,863	3,696
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	32.6	30.2	24.4	22.9	42.9	39.3
Professional and technical .....	10.7	9.4	8.4	8.2	13.5	11.0
Managers and administrators, except farm .....	4.1	3.7	5.5	5.0	2.4	2.1
Sales workers .....	2.1	2.4	1.9	1.8	2.4	3.1
Clerical workers .....	15.7	14.7	8.5	8.0	24.6	23.1
<b>Blue-collar workers</b> .....	39.5	39.0	56.7	57.5	17.9	16.0
Craftsmen and kindred workers .....	8.2	8.3	14.2	14.4	.7	.7
Operatives, except transport .....	16.6	15.4	17.2	16.5	15.8	14.0
Transport equipment operatives .....	5.4	5.6	9.4	9.8	.4	.3
Nonfarm laborers .....	9.2	9.8	15.8	16.8	1.0	1.1
<b>Service workers</b> .....	25.5	28.3	15.3	15.5	38.3	44.3
Private household workers .....	6.0	7.4	.1	.2	13.5	16.5
Other service workers .....	19.5	20.9	15.2	15.3	24.8	27.8
<b>Farm workers</b> .....	2.4	2.5	3.6	4.1	.9	.5
Farm and farm managers .....	.7	.7	1.1	1.2	.2	.1
Farm laborers and foremen .....	1.7	1.8	2.5	2.9	.7	.4

1/ Less than 0.05 percent.

## A-20: Employed persons by class of worker, sex, and age

February 1973  
(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					
<b>Total</b> .....	73,191	1,534	13,749	57,908	5,220	471	1,030	1,648	278
16 to 19 years.....	5,930	376	527	5,027	64	27	158	13	76
16 and 17 years.....	2,287	265	151	1,871	25	15	90	3	52
18 and 19 years.....	3,644	111	376	3,156	39	12	68	9	24
20 to 24 years.....	10,583	100	1,742	8,741	230	19	159	50	18
25 to 34 years.....	17,225	155	3,373	13,697	917	56	216	200	43
35 to 44 years.....	14,125	178	2,829	11,119	1,162	111	146	252	45
45 to 54 years.....	14,232	233	3,031	10,969	1,348	148	163	372	49
55 to 64 years.....	9,178	312	1,894	6,971	1,035	80	138	448	34
55 to 59 years.....	5,551	151	1,152	4,248	554	48	71	228	25
60 to 64 years.....	3,627	161	743	2,723	480	32	67	220	10
65 years and over.....	1,917	181	352	1,384	464	29	49	312	13
<b>Male</b> .....	43,813	136	7,232	36,445	3,857	44	863	1,537	89
16 to 19 years.....	3,172	46	232	2,895	42	22	124	11	64
16 and 17 years.....	1,224	29	73	1,122	18	13	74	1	43
18 and 19 years.....	1,948	16	158	1,773	24	8	50	10	21
20 to 24 years.....	5,728	10	734	4,983	151	7	131	50	8
25 to 34 years.....	10,996	11	1,831	9,155	632	7	185	182	7
35 to 44 years.....	8,758	10	1,513	7,235	874	--	111	235	4
45 to 54 years.....	8,535	12	1,706	6,816	1,043	3	137	351	2
55 to 64 years.....	5,523	28	1,005	4,490	777	2	128	415	3
55 to 59 years.....	3,355	18	627	2,710	419	1	64	211	2
60 to 64 years.....	2,168	10	378	1,780	358	1	65	204	1
65 years and over.....	1,101	19	212	869	337	3	46	293	1
<b>Female</b> .....	29,378	1,398	6,517	21,463	1,363	427	167	111	189
16 to 19 years.....	2,758	330	295	2,132	22	5	35	2	12
16 and 17 years.....	1,062	236	78	749	7	1	16	2	9
18 and 19 years.....	1,696	95	218	1,383	15	4	19	--	4
20 to 24 years.....	4,855	89	1,008	3,758	79	12	28	--	9
25 to 34 years.....	6,229	143	1,543	4,543	285	49	31	18	36
35 to 44 years.....	5,367	168	1,316	3,883	288	111	35	17	41
45 to 54 years.....	5,698	221	1,325	4,152	305	145	26	22	47
55 to 64 years.....	3,654	284	890	2,481	257	78	10	33	32
55 to 59 years.....	2,196	133	525	1,538	135	47	7	17	23
60 to 64 years.....	1,459	150	365	943	122	31	3	16	9
65 years and over.....	817	162	140	514	127	26	3	19	12

## 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. 1973	Feb. 1972	Total		Wage and salary workers <sup>1</sup>			
			Feb. 1973	Feb. 1972	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					Feb. 1973	Feb. 1972	Feb. 1973	Feb. 1972
<b>Total</b> .....	3,640	3,460	3,420	3,275	1,261	1,109	1,659	1,640
Vacation .....	857	669	822	653	532	420	171	135
Illness .....	1,690	1,718	1,638	1,661	624	575	840	868
Bad weather .....	351	316	265	249	--	--	--	--
Industrial dispute .....	51	107	51	107	--	--	--	--
All other reasons .....	689	650	644	605	104	114	648	637
<b>Male</b> .....	2,221	2,117	2,034	1,946	830	737	891	888
Vacation .....	585	469	553	454	367	304	103	78
Illness .....	992	939	945	893	396	369	453	414
All other reasons .....	644	709	536	599	67	64	335	396
<b>Female</b> .....	1,419	1,344	1,386	1,329	433	373	767	752
Vacation .....	272	200	269	199	166	117	68	57
Illness .....	699	779	693	768	230	207	386	454
All other reasons .....	448	365	424	362	37	50	313	242

<sup>1</sup>Excludes private household.<sup>2</sup>Pay 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 1973

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagri- cultural industries	Agri- culture	All industries	Nonagri- cultural industries	Agri- culture
	<b>Total at work</b> .....	78,198	75,462	2,737	100.0	100.0
<b>1-34 hours</b> .....	20,372	19,305	1,066	26.1	25.6	39.0
1-4 hours .....	780	740	40	1.0	1.0	1.5
5-14 hours .....	4,062	3,746	316	5.2	5.0	11.5
15-29 hours .....	9,595	9,053	541	12.3	12.0	19.8
30-34 hours .....	5,935	5,766	169	7.6	7.6	6.2
<b>35 hours and over</b> .....	57,827	56,155	1,670	73.9	74.4	61.0
35-39 hours .....	5,200	5,036	163	6.6	6.7	6.0
40 hours .....	31,147	30,808	339	39.8	40.8	12.4
41 hours and over .....	21,480	20,311	1,168	27.5	26.9	42.7
41 to 48 hours .....	9,026	8,791	234	11.5	11.6	8.6
49 to 59 hours .....	7,092	6,714	378	9.1	8.9	13.8
60 hours and over .....	5,362	4,806	556	6.9	6.4	20.3
<b>Average hours, total at work</b> .....	38.5	38.4	39.8	--	--	--
<b>Average hours, workers on full-time schedules</b> .....	42.8	42.6	48.1	--	--	--

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

February 1973

(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 .....	20,372	7,820	12,552	19,305	7,340	11,966
Economic reasons .....	2,297	1,177	1,120	2,088	1,020	1,068
Slack work .....	1,279	904	375	1,089	756	333
Material shortages or repairs to plant and equipment .....	74	74	--	69	69	--
New job started during week .....	135	135	--	132	132	--
Job terminated during week .....	64	64	--	63	63	--
Could find only part-time work .....	745	--	745	735	--	735
Other reasons .....	18,075	6,643	11,432	17,219	6,319	10,898
Does not want, or unavailable for, full-time work .....	9,329	--	9,329	8,940	--	8,940
Vacation .....	372	372	--	361	361	--
Illness .....	2,100	1,892	208	2,027	1,851	176
Bad weather .....	1,201	1,201	--	962	962	--
Industrial dispute .....	29	29	--	29	29	--
Legal or religious holiday .....	2,017	2,017	--	2,012	2,012	--
Full time for this job .....	1,404	--	1,404	1,358	--	1,358
All other reasons .....	1,624	1,133	491	1,530	1,106	424
Average hours:						
Economic reasons .....	21.3	24.0	18.5	21.5	24.7	18.4
Other reasons .....	20.9	26.5	17.7	21.0	26.8	17.7
Worked 30 to 34 hours:						
Economic reasons .....	683	484	199	649	456	183
Other reasons .....	5,252	3,674	1,578	5,117	3,583	1,534

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

February 1973

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 <sup>1/</sup> .....	100.0	2.8	14.4	82.8	55.9	11.6	15.3	38.4	42.6
Wage and salary workers .....	100.0	2.7	14.2	83.1	57.8	11.7	13.6	38.1	42.1
Construction .....	100.0	4.7	4.4	90.9	73.5	8.8	8.6	36.9	38.6
Manufacturing .....	100.0	2.3	3.1	94.6	64.4	16.3	13.9	41.1	42.2
Durable goods .....	100.0	1.3	2.3	96.4	64.8	16.7	14.9	41.6	42.4
Nondurable goods .....	100.0	3.7	4.3	92.1	63.8	15.7	12.6	40.3	41.9
Transportation and public utilities .....	100.0	2.2	6.8	91.1	63.7	12.1	15.3	40.6	42.6
Wholesale and retail trade .....	100.0	3.4	25.8	70.9	43.1	12.6	15.2	36.3	43.5
Finance, insurance, and real estate .....	100.0	1.0	9.5	89.5	67.5	9.7	12.3	38.7	40.9
Service industries .....	100.0	3.0	23.5	73.5	52.0	8.0	13.5	35.5	42.2
Private households .....	100.0	9.1	55.0	36.0	23.4	3.2	9.4	24.6	45.4
All other service .....	100.0	2.5	20.9	76.5	54.3	8.4	13.8	36.4	42.1
Public administration .....	100.0	.7	6.4	92.9	73.7	8.5	10.7	39.4	41.0
Self-employed workers .....	100.0	4.4	15.6	79.9	30.1	10.8	39.0	43.5	50.1
Unpaid family workers .....	100.0	1.1	44.8	54.1	26.5	10.2	17.4	35.9	47.0

<sup>1/</sup>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 1973

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)								
<b>TOTAL</b>								
Total, 16 years and over.....	75,462	2,088	10,898	62,476	42,165	20,311	38.4	42.6
16 to 21 years .....	9,784	418	4,032	5,334	4,201	1,133	29.3	40.2
16 to 19 years .....	5,856	258	3,167	2,431	1,965	466	25.7	39.7
16 and 17 years .....	2,258	72	1,886	300	249	51	17.8	38.5
18 and 19 years .....	3,598	186	1,281	2,131	1,714	417	30.6	39.8
20 years and over .....	69,606	1,830	7,731	60,045	40,200	19,845	39.5	42.7
20 to 24 years .....	10,450	420	1,553	8,477	6,238	2,239	36.9	41.1
25 years and over .....	59,155	1,411	6,177	51,567	33,961	17,606	39.9	43.0
25 to 44 years .....	32,399	768	2,976	28,655	18,509	10,146	40.4	43.2
45 to 64 years .....	24,544	567	2,305	21,672	14,585	7,087	40.1	42.7
65 years and over .....	2,213	75	896	1,242	869	373	30.9	42.5
<b>Males, 16 years and over .....</b>	<b>45,680</b>	<b>979</b>	<b>3,491</b>	<b>41,210</b>	<b>24,696</b>	<b>16,514</b>	<b>41.5</b>	<b>44.0</b>
16 to 21 years .....	5,179	196	1,999	2,984	2,097	887	30.9	41.1
16 to 19 years .....	3,141	122	1,602	1,417	1,057	360	27.3	40.2
16 and 17 years .....	1,214	37	964	213	175	38	19.6	38.1
18 and 19 years .....	1,927	85	638	1,204	884	320	32.2	40.6
20 years and over .....	42,539	857	1,889	39,793	23,638	16,155	42.6	44.1
20 to 24 years .....	5,698	203	720	4,775	3,085	1,690	38.6	42.4
25 years and over .....	36,841	654	1,169	35,018	20,554	14,464	43.2	44.4
25 to 44 years .....	20,582	358	357	19,867	11,308	8,559	44.0	44.7
45 to 64 years .....	14,954	260	343	14,351	8,692	5,659	43.0	44.0
65 years and over .....	1,305	35	469	801	556	245	32.3	42.1
<b>Females, 16 years and over .....</b>	<b>29,782</b>	<b>1,109</b>	<b>7,407</b>	<b>21,266</b>	<b>17,468</b>	<b>3,798</b>	<b>33.7</b>	<b>39.9</b>
16 to 21 years .....	4,605	223	2,033	2,349	2,104	245	27.5	39.0
16 to 19 years .....	2,715	136	1,566	1,013	905	108	23.8	38.9
16 and 17 years .....	1,044	34	923	87	74	13	15.8	39.7
18 and 19 years .....	1,671	102	643	926	831	95	28.8	38.9
20 years and over .....	27,067	973	5,841	20,253	16,562	3,691	34.7	39.9
20 to 24 years .....	4,753	217	833	3,703	3,155	548	34.9	39.4
25 years and over .....	22,314	756	5,008	16,550	13,408	3,142	34.6	40.1
25 to 44 years .....	11,816	410	2,619	8,787	7,200	1,587	34.4	39.7
45 to 64 years .....	9,590	307	1,962	7,321	5,891	1,430	35.4	40.3
65 years and over .....	908	39	427	442	315	127	28.9	43.3
<b>COLOR</b>								
<b>White .....</b>	<b>67,466</b>	<b>1,720</b>	<b>9,989</b>	<b>55,757</b>	<b>36,779</b>	<b>18,978</b>	<b>38.6</b>	<b>42.9</b>
Male .....	41,299	813	3,206	37,280	21,773	15,507	41.8	44.3
Female .....	26,167	907	6,783	18,477	15,003	3,474	33.5	40.0
<b>Negro and other races .....</b>	<b>7,996</b>	<b>368</b>	<b>909</b>	<b>6,719</b>	<b>5,387</b>	<b>1,332</b>	<b>36.9</b>	<b>40.3</b>
Male .....	4,381	166	285	3,930	2,922	1,008	38.8	41.1
Female .....	3,615	202	624	2,789	2,464	325	34.5	39.2
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present .....	34,895	537	1,045	33,313	19,286	14,027	43.3	44.4
Widowed, divorced, or separated .....	2,604	88	156	2,360	1,503	857	41.4	43.5
Single (never married) .....	8,180	355	2,290	5,535	3,904	1,631	33.9	41.8
<b>Female:</b>								
Married, husband present .....	17,553	568	4,358	12,627	10,443	2,184	33.9	39.6
Widowed, divorced, or separated .....	5,563	282	921	4,360	3,423	937	36.1	40.8
Single (never married) .....	6,666	258	2,128	4,280	3,602	678	31.1	39.8

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued  
February 1973

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)						
<b>TOTAL</b>						
Total, 16 years and over.....	100.0	2.8	14.4	82.8	55.9	26.9
16 to 21 years .....	100.0	4.3	41.2	54.5	42.9	11.6
16 to 19 years .....	100.0	4.4	54.1	41.6	33.6	8.0
16 and 17 years .....	100.0	3.2	83.5	13.3	11.0	2.3
18 and 19 years .....	100.0	5.2	35.6	59.2	47.6	11.6
20 years and over .....	100.0	2.6	11.1	86.3	57.8	28.5
20 to 24 years .....	100.0	4.0	14.9	81.1	59.7	21.4
25 years and over .....	100.0	2.4	10.4	87.2	57.4	29.8
25 to 44 years .....	100.0	2.4	9.2	88.4	57.1	31.3
45 to 64 years .....	100.0	2.3	9.4	88.3	59.4	28.9
65 years and over .....	100.0	3.4	40.5	56.2	39.3	16.9
<b>Males, 16 years and over</b> .....	100.0	2.1	7.6	90.3	54.1	36.2
16 to 21 years .....	100.0	3.8	38.6	57.6	40.5	17.1
16 to 19 years .....	100.0	3.9	51.0	45.2	33.7	11.5
16 and 17 years .....	100.0	3.0	79.4	17.5	14.4	3.1
18 and 19 years .....	100.0	4.4	33.1	62.5	45.9	16.6
20 years and over .....	100.0	2.0	4.4	93.6	55.6	38.0
20 to 24 years .....	100.0	3.6	12.6	83.8	54.1	29.7
25 years and over .....	100.0	1.8	3.2	95.1	55.8	39.3
25 to 44 years .....	100.0	1.7	1.7	96.5	54.9	41.6
45 to 64 years .....	100.0	1.7	2.3	95.9	58.1	37.8
65 years and over .....	100.0	2.7	35.9	61.4	42.6	18.8
<b>Females, 16 years and over</b> .....	100.0	3.7	24.9	71.5	58.7	12.8
16 to 21 years .....	100.0	4.8	44.1	51.0	45.7	5.3
16 to 19 years .....	100.0	5.0	57.7	37.3	33.3	4.0
16 and 17 years .....	100.0	3.3	88.4	8.3	7.1	1.2
18 and 19 years .....	100.0	6.1	38.5	55.4	49.7	5.7
20 years and over .....	100.0	3.6	21.6	74.8	61.2	13.6
20 to 24 years .....	100.0	4.6	17.5	77.9	66.4	11.5
25 years and over .....	100.0	3.4	22.4	74.2	60.1	14.1
25 to 44 years .....	100.0	3.5	22.2	74.3	60.9	13.4
45 to 64 years .....	100.0	3.2	20.5	76.3	61.4	14.9
65 years and over .....	100.0	4.3	47.0	48.7	34.7	14.0
<b>COLOR</b>						
<b>White</b> .....	100.0	2.5	14.8	82.6	54.5	28.1
Male.....	100.0	2.0	7.8	90.2	52.7	37.5
Female.....	100.0	3.5	25.9	70.6	57.3	13.3
<b>Negro and other races</b> .....	100.0	4.6	11.4	84.1	67.4	16.7
Male.....	100.0	3.8	6.5	98.7	66.7	23.0
Female.....	100.0	5.6	17.3	77.2	68.2	9.0
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present .....	100.0	1.5	3.0	95.5	55.3	40.2
Widowed, divorced, or separated .....	100.0	3.4	6.0	90.6	57.7	32.9
Single (never married) .....	100.0	4.3	28.0	67.6	47.7	19.9
<b>Female:</b>						
Married, husband present .....	100.0	3.2	24.8	71.9	59.5	12.4
Widowed, divorced, or separated .....	100.0	5.1	16.6	78.3	61.5	16.8
Single (never married) .....	100.0	3.9	31.9	64.2	54.0	10.2

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

February 1973

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)									
<b>TOTAL</b>									
White-collar workers .....	38,611	645	5,698	32,268	21,240	4,105	6,923	39.1	43.2
Professional and technical .....	11,540	164	1,432	9,944	6,285	1,240	2,419	39.7	43.5
Managers and administrators, except farm .....	8,037	68	343	7,626	3,522	1,209	2,895	46.1	47.5
Sales workers .....	5,035	154	1,274	3,607	2,001	608	998	37.1	44.4
Clerical workers .....	13,999	260	2,649	11,090	9,432	1,047	611	35.3	39.5
Blue-collar workers .....	26,777	980	1,783	24,014	16,344	3,952	3,718	39.7	41.9
Craftsmen and kindred workers .....	10,089	237	313	9,539	6,256	1,663	1,620	40.9	42.1
Operatives, except transport .....	10,154	447	602	9,105	6,585	1,449	1,071	39.4	41.4
Transport equipment operatives .....	3,070	103	266	2,701	1,518	437	746	41.8	44.9
Nonfarm laborers .....	3,464	193	603	2,668	1,985	402	281	34.9	39.9
Service workers .....	10,367	470	3,487	6,410	4,714	755	941	32.6	42.3
Private household .....	1,325	123	742	460	305	38	117	24.2	45.0
Other service workers .....	9,042	347	2,745	5,950	4,410	716	824	33.9	42.1
<b>MALE</b>									
White-collar workers .....	19,897	199	1,347	18,351	9,729	2,823	5,799	43.7	45.8
Professional and technical .....	6,782	62	441	6,279	3,593	782	1,904	43.2	45.2
Managers and administrators, except farm .....	6,636	54	162	6,420	2,763	1,050	2,607	47.2	48.0
Sales workers .....	3,102	40	374	2,688	1,281	496	911	42.3	46.0
Clerical workers .....	3,377	44	370	2,963	2,091	495	377	38.9	41.8
Blue-collar workers .....	22,077	677	1,323	20,077	13,094	3,457	3,526	40.3	42.4
Craftsmen and kindred workers .....	9,695	235	249	9,211	6,017	1,612	1,582	41.1	42.2
Operatives, except transport .....	6,210	169	351	5,690	3,730	1,025	935	41.0	42.8
Transport equipment operatives .....	2,926	98	172	2,656	1,479	436	741	42.6	45.0
Nonfarm laborers .....	3,246	175	551	2,520	1,869	384	267	34.9	39.9
Service workers .....	3,915	105	857	2,953	1,981	423	549	37.0	43.6
Private household .....	18	1	7	10	5	4	1	26.5	42.6
Other service workers .....	3,897	104	850	2,943	1,976	419	548	37.1	43.6
<b>FEMALE</b>									
White-collar workers .....	18,714	446	4,351	13,917	11,511	1,282	1,124	34.2	39.8
Professional and technical .....	4,758	102	991	3,665	2,692	458	515	34.8	40.5
Managers and administrators, except farm .....	1,401	15	181	1,205	758	159	288	41.2	44.8
Sales workers .....	1,933	114	900	919	719	112	88	28.6	39.9
Clerical workers .....	10,622	216	2,280	8,126	7,339	553	234	34.1	38.7
Blue-collar workers .....	4,700	302	461	3,937	3,250	495	192	36.4	39.2
Craftsmen and kindred workers .....	394	2	64	328	239	51	38	37.2	40.4
Operatives, except transport .....	3,943	278	251	3,414	2,854	424	136	36.8	39.1
Transport equipment operatives .....	144	5	94	45	39	1	5	24.8	38.5
Nonfarm laborers .....	219	18	52	149	116	18	15	34.6	40.8
Service workers .....	6,452	366	2,629	3,457	2,733	332	392	30.0	41.2
Private household .....	1,307	122	735	450	299	35	116	24.2	45.1
Other service workers .....	5,145	243	1,895	3,007	2,434	297	276	31.5	40.6

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

February 1973

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)			
<b>TOTAL</b>							
White-collar workers .....	100.0	1.7	14.8	83.5	55.0	10.6	17.9
Professional and technical .....	100.0	1.4	12.4	86.2	54.5	10.7	21.0
Managers and administrators, except farm .....	100.0	.8	4.3	94.8	43.8	15.0	36.0
Sales workers .....	100.0	3.1	25.3	71.6	39.7	12.1	19.8
Clerical workers .....	100.0	1.9	18.9	79.3	67.4	7.5	4.4
Blue-collar workers .....	100.0	3.7	6.7	89.7	61.0	14.8	13.9
Craftsmen and kindred workers .....	100.0	2.3	3.1	94.6	62.0	16.5	16.1
Operatives, except transport .....	100.0	4.4	5.9	89.7	64.9	14.3	10.5
Transport equipment operatives .....	100.0	3.4	8.7	87.9	49.4	14.2	24.3
Nonfarm laborers .....	100.0	5.6	17.4	77.0	57.3	11.6	8.1
Service workers .....	100.0	4.5	33.6	61.9	45.5	7.3	9.1
Private household .....	100.0	9.3	56.0	34.7	23.0	2.9	8.8
Other service workers .....	100.0	3.8	30.4	65.8	48.8	7.9	9.1
<b>MALE</b>							
White-collar workers .....	100.0	1.0	6.8	92.2	48.9	14.2	29.1
Professional and technical .....	100.0	.9	6.5	92.6	53.0	11.5	28.1
Managers and administrators, except farm .....	100.0	.8	2.4	96.7	41.6	15.8	39.3
Sales workers .....	100.0	1.3	12.1	86.7	41.3	16.0	29.4
Clerical workers .....	100.0	1.3	11.0	87.8	61.9	14.7	11.2
Blue-collar workers .....	100.0	3.1	6.0	91.0	59.3	15.7	16.0
Craftsmen and kindred workers .....	100.0	2.4	2.6	95.0	62.1	16.6	16.3
Operatives, except transport .....	100.0	2.7	5.7	91.7	60.1	16.5	15.1
Transport equipment operatives .....	100.0	3.3	5.9	90.7	50.5	14.9	25.3
Nonfarm laborers .....	100.0	5.4	17.0	77.6	57.6	11.8	8.2
Service workers .....	100.0	2.7	21.9	75.4	50.6	10.8	14.0
Private household .....	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers .....	100.0	2.7	21.8	75.6	50.7	10.8	14.1
<b>FEMALE</b>							
White-collar workers .....	100.0	2.4	23.2	74.4	61.5	6.9	6.0
Professional and technical .....	100.0	2.1	20.8	77.0	56.6	9.6	10.8
Managers and administrators, except farm .....	100.0	1.1	12.9	86.0	54.1	11.3	20.6
Sales workers .....	100.0	5.9	46.6	47.6	37.2	5.8	4.6
Clerical workers .....	100.0	2.0	21.5	76.5	69.1	5.2	2.2
Blue-collar workers .....	100.0	6.4	9.8	83.7	69.1	10.5	4.1
Craftsmen and kindred workers .....	100.0	.5	16.2	83.2	60.7	12.9	9.6
Operatives, except transport .....	100.0	7.1	6.4	86.6	72.4	10.8	3.4
Transport equipment operatives .....	100.0	3.5	65.3	31.3	27.1	.7	3.5
Nonfarm laborers .....	100.0	8.2	23.7	68.0	53.0	8.2	6.8
Service workers .....	100.0	5.7	40.7	53.6	42.4	5.1	6.1
Private household .....	100.0	9.3	56.2	34.5	22.9	2.7	8.9
Other service workers .....	100.0	4.7	36.8	58.5	47.3	5.8	5.4

1 Percent not shown where base is less than 75,000.



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

February 1973  
(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 .....	8,298	4,218	4,080	7,091	3,616	3,476	1,207	603	604
Civilian labor force .....	1,259	682	578	1,179	624	555	80	58	22
Employed .....	1,102	575	527	1,052	537	514	50	38	13
Agriculture .....	80	69	11	78	67	11	2	2	--
Nonagricultural industries .....	1,022	506	516	974	470	503	49	36	13
Unemployed .....	157	107	51	127	86	41	30	20	10
Not in labor force .....	7,039	3,537	3,502	5,912	2,992	2,920	1,127	545	582
Keeping house .....	49	13	37	39	10	29	11	3	8
Going to school .....	6,898	3,481	3,417	5,796	2,946	2,851	1,102	535	566
Unable to work .....	9	6	3	6	4	2	3	2	--
All other reasons .....	83	37	45	71	33	38	11	4	7

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

February 1973

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total .....	1,102	575	527	100.0	100.0	100.0
Nonagricultural industries .....	1,022	506	516	92.7	88.0	97.9
Wage and salary workers .....	918	414	504	83.3	72.0	95.6
Private household workers .....	419	51	368	38.0	8.9	69.8
Government workers .....	41	31	10	3.7	5.4	1.9
Other wage and salary workers .....	458	332	126	41.6	57.7	23.9
Self-employed workers .....	93	85	8	8.4	14.8	1.5
Unpaid family workers .....	11	7	4	1.0	1.2	.8
Agriculture .....	80	69	11	7.3	12.0	2.1
Wage and salary workers .....	24	22	2	2.2	3.8	.4
Self-employed workers .....	7	6	1	.6	1.0	.2
Unpaid family workers .....	49	41	8	4.4	7.1	.5
<b>OCCUPATION</b>						
Total .....	1,102	575	527	100.0	100.0	100.0
White-collar workers .....	327	249	78	29.6	43.3	14.8
Professional and technical .....	16	6	11	1.5	1.0	2.1
Managers and administrators, except farm .....	1	--	1	.1	--	.2
Sales workers .....	253	222	31	23.0	38.6	5.9
Clerical workers .....	56	21	35	5.1	3.7	6.6
Blue-collar workers .....	128	121	8	11.6	20.9	1.5
Craftsmen and kindred workers .....	8	6	2	.7	1.0	.4
Operatives, except transport .....	35	35	--	3.2	6.1	--
Transport equipment operatives .....	2	2	--	.2	.3	--
Nonfarm laborers .....	83	77	6	7.5	13.4	1.1
Service workers .....	571	140	431	51.9	24.3	81.6
Private household workers .....	391	25	366	35.5	4.3	69.3
Other service workers .....	180	115	65	16.3	20.0	12.3
Farm workers .....	76	66	10	6.9	11.5	2.1
Farmers and farm managers .....	5	5	1	.5	.9	.2
Farm laborers and foremen .....	71	61	10	6.4	10.6	1.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Employment status, sex, and age	1973					1972							
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Total</b>													
Total labor force	89,961	89,325	89,707	89,454	89,651	89,471	89,337	88,985	88,947	88,850	88,647	88,768	88,058
Civilian labor force	87,569	86,921	87,267	87,023	87,236	87,066	86,941	86,597	86,554	86,431	86,184	86,264	85,518
Employed	83,127	82,555	82,780	82,525	82,397	82,256	82,061	81,782	81,752	81,458	81,209	81,216	80,594
Agriculture	3,424	3,501	3,650	3,556	3,658	3,579	3,610	3,443	3,331	3,338	3,313	3,460	3,369
Nonagricultural industries	79,703	79,054	79,130	78,969	78,739	78,677	78,451	78,339	78,421	78,120	77,896	77,756	77,225
On part time for economic reasons	2,274	2,023	2,181	2,217	2,264	2,347	2,439	2,476	2,569	2,409	2,499	2,446	2,421
Usually work full time	1,020	893	968	1,025	1,027	1,070	1,076	1,091	1,066	1,093	1,103	1,138	1,146
Usually work part time	1,254	1,130	1,213	1,192	1,237	1,277	1,363	1,385	1,503	1,316	1,396	1,308	1,275
Unemployed	4,442	4,366	4,487	4,498	4,839	4,810	4,880	4,815	4,802	4,973	4,975	5,048	4,924
<b>Men, 20 years and over</b>													
Total labor force	51,054	50,970	51,150	51,079	51,184	51,103	50,981	50,975	50,911	50,737	50,672	50,753	50,472
Civilian labor force	49,095	49,001	49,152	49,044	49,162	49,071	48,957	48,957	48,889	48,677	48,575	48,621	48,280
Employed	47,448	47,361	47,475	47,308	47,227	47,196	47,070	47,042	46,924	46,657	46,540	46,596	46,322
Agriculture	2,475	2,557	2,664	2,599	2,630	2,612	2,542	2,473	2,439	2,399	2,372	2,409	2,422
Nonagricultural industries	44,973	44,804	44,811	44,709	44,597	44,584	44,528	44,569	44,485	44,258	44,168	44,187	43,900
Unemployed	1,647	1,640	1,677	1,736	1,935	1,875	1,887	1,915	1,965	2,020	2,035	2,025	1,958
<b>Women, 20 years and over</b>													
Civilian labor force	30,141	29,870	29,869	29,779	29,931	29,908	29,972	29,841	29,727	29,713	29,554	29,573	29,311
Employed	28,662	28,296	28,357	28,293	28,281	28,287	28,313	28,147	28,072	28,022	27,962	27,952	27,815
Agriculture	559	526	566	547	585	567	597	559	497	551	557	613	560
Nonagricultural industries	28,103	27,770	27,791	27,746	27,696	27,720	27,716	27,588	27,575	27,471	27,405	27,339	27,255
Unemployed	1,479	1,574	1,512	1,486	1,650	1,621	1,659	1,694	1,655	1,691	1,592	1,621	1,496
<b>Both sexes, 16-19 years</b>													
Civilian labor force	8,333	8,050	8,246	8,200	8,143	8,087	8,012	7,799	7,938	8,041	8,055	8,070	7,927
Employed	7,017	6,898	6,948	6,924	6,889	6,773	6,678	6,593	6,756	6,779	6,707	6,668	6,457
Agriculture	390	418	420	410	443	400	471	411	395	388	384	438	387
Nonagricultural industries	6,627	6,480	6,528	6,514	6,446	6,373	6,207	6,182	6,361	6,391	6,323	6,230	6,070
Unemployed	1,316	1,152	1,298	1,276	1,254	1,314	1,334	1,206	1,182	1,262	1,348	1,402	1,470

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.

**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	1973					1972							
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Full time</b>													
Total, 16 years and over:													
Civilian labor force	75,244	74,935	74,715	74,402	74,688	74,275	74,261	74,143	74,403	73,970	73,689	73,614	73,135
Employed	71,755	71,491	71,224	70,969	70,947	70,572	70,482	70,384	70,674	70,005	69,772	69,662	69,213
Unemployed	3,489	3,444	3,491	3,433	3,741	3,703	3,779	3,759	3,729	3,965	3,917	3,952	3,922
Unemployment rate	4.6	4.6	4.7	4.6	5.0	5.0	5.1	5.1	5.0	5.4	5.3	5.4	5.4
<b>Men, 20 years and over:</b>													
Civilian labor force	46,767	46,648	46,630	46,539	46,749	46,574	46,538	46,524	46,488	46,301	46,189	46,098	45,964
Employed	45,220	45,139	45,095	44,964	44,971	44,872	44,819	44,778	44,727	44,465	44,351	44,254	44,148
Unemployed	1,547	1,509	1,535	1,575	1,778	1,702	1,719	1,746	1,761	1,836	1,838	1,844	1,816
Unemployment rate	3.3	3.2	3.3	3.4	3.8	3.7	3.7	3.8	3.8	4.0	4.0	4.0	4.0
<b>Women, 20 years and over:</b>													
Civilian labor force	23,693	23,549	23,390	23,303	23,443	23,337	23,438	23,461	23,502	23,351	23,178	23,163	22,983
Employed	22,503	22,330	22,268	22,144	22,166	22,084	22,114	22,086	22,182	21,979	21,924	21,871	21,723
Unemployed	1,190	1,219	1,122	1,159	1,277	1,253	1,324	1,375	1,320	1,372	1,254	1,292	1,260
Unemployment rate	5.0	5.2	4.8	5.0	5.4	5.4	5.6	5.9	5.6	5.9	5.4	5.6	5.5
<b>Part time</b>													
Total, 16 years and over:													
Civilian labor force	12,589	12,220	12,705	12,679	12,559	12,931	12,738	12,275	11,896	12,467	12,470	12,475	12,472
Employed	11,600	11,249	11,640	11,616	11,495	11,811	11,616	11,277	10,862	11,455	11,368	11,391	11,418
Unemployed	989	971	1,065	1,063	1,064	1,120	1,122	998	1,034	1,012	1,102	1,084	1,054
Unemployment rate	7.9	7.9	8.4	8.4	8.5	8.7	8.8	8.1	8.7	8.1	8.8	8.7	8.5

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

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

(In thousands)

Characteristics	1973				1972								
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>White</b>													
Total:													
Civilian labor force .....	77,885	77,418	77,531	77,338	77,673	77,497	77,356	76,969	76,870	76,837	76,646	76,581	76,087
Employed .....	74,327	73,888	73,989	73,802	73,774	73,640	73,416	73,131	72,965	72,831	72,571	72,542	72,168
Unemployed .....	3,558	3,530	3,542	3,536	3,899	3,857	3,940	3,838	3,905	4,006	4,075	4,039	3,919
Unemployment rate .....	4.6	4.6	4.6	4.6	5.0	5.0	5.1	5.0	5.1	5.2	5.3	5.3	5.2
Males, 20 years and over:													
Civilian labor force .....	44,268	44,217	44,267	44,160	44,308	44,201	44,089	44,059	43,975	43,825	43,750	43,743	43,536
Employed .....	42,886	42,822	42,885	42,718	42,647	42,645	42,536	42,519	42,323	42,175	42,055	42,072	41,916
Unemployed .....	1,382	1,395	1,382	1,442	1,661	1,556	1,553	1,540	1,652	1,650	1,695	1,671	1,620
Unemployment rate .....	3.1	3.2	3.1	3.3	3.7	3.5	3.5	3.5	3.8	3.8	3.9	3.8	3.7
Females, 20 years and over:													
Civilian labor force .....	26,160	25,971	25,877	25,830	26,018	26,034	26,149	25,973	25,825	25,821	25,713	25,674	25,450
Employed .....	25,006	24,734	24,698	24,704	24,754	24,782	24,821	24,603	24,520	24,463	24,397	24,401	24,275
Unemployed .....	1,154	1,237	1,179	1,126	1,264	1,252	1,328	1,370	1,305	1,358	1,316	1,273	1,175
Unemployment rate .....	4.4	4.8	4.6	4.4	4.9	4.8	5.1	5.3	5.1	5.3	5.1	5.0	4.6
Both sexes, 16 to 19 years:													
Civilian labor force .....	7,456	7,230	7,387	7,348	7,347	7,262	7,118	6,937	7,070	7,191	7,183	7,164	7,101
Employed .....	6,435	6,332	6,406	6,380	6,373	6,213	6,059	6,009	6,122	6,193	6,119	6,069	5,977
Unemployed .....	1,021	898	981	968	974	1,049	1,059	928	948	998	1,064	1,095	1,124
Unemployment rate .....	13.7	12.4	13.3	13.2	13.3	14.4	14.9	13.4	13.4	13.9	14.8	15.3	15.8
<b>Negro and other races</b>													
Total:													
Civilian labor force .....	9,788	9,647	9,725	9,701	9,632	9,587	9,600	9,604	9,602	9,591	9,449	9,548	9,470
Employed .....	8,906	8,790	8,787	8,723	8,668	8,630	8,668	8,645	8,721	8,606	8,566	8,554	8,468
Unemployed .....	882	857	938	978	964	957	932	959	881	985	883	994	1,002
Unemployment rate .....	9.0	8.9	9.6	10.1	10.0	10.0	9.7	10.0	9.2	10.3	9.3	10.4	10.6
Males, 20 years and over:													
Civilian labor force .....	4,887	4,823	4,892	4,874	4,890	4,862	4,866	4,895	4,874	4,857	4,811	4,827	4,784
Employed .....	4,621	4,578	4,608	4,587	4,592	4,548	4,538	4,516	4,573	4,477	4,474	4,475	4,442
Unemployed .....	266	245	284	287	298	314	328	379	301	380	337	352	342
Unemployment rate .....	5.4	5.1	5.8	5.9	6.1	6.5	6.7	7.7	6.2	7.8	7.0	7.3	7.1
Females, 20 years and over:													
Civilian labor force .....	3,994	3,997	3,979	3,965	3,922	3,887	3,845	3,848	3,877	3,896	3,804	3,871	3,854
Employed .....	3,665	3,628	3,638	3,593	3,534	3,517	3,518	3,531	3,543	3,553	3,537	3,535	3,532
Unemployed .....	329	369	341	372	388	370	327	317	343	333	267	336	322
Unemployment rate .....	8.2	9.2	8.6	9.4	9.9	9.5	8.5	8.2	8.6	8.8	7.0	8.7	8.4
Both sexes, 16 to 19 years:													
Civilian labor force .....	907	827	854	862	820	838	889	861	851	838	834	850	832
Employed .....	620	584	541	543	542	565	612	598	605	576	555	544	494
Unemployed .....	287	243	313	319	278	273	277	263	246	262	279	306	338
Unemployment rate .....	31.6	29.4	36.7	37.0	33.9	32.6	31.2	30.5	28.9	31.3	33.5	36.0	40.6

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

(In thousands)

Duration of unemployment	1973				1972								
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Less than 5 weeks .....	2,324	2,060	2,026	2,151	2,239	2,312	2,255	2,208	2,234	2,207	2,179	2,300	2,173
5 to 14 weeks .....	1,265	1,375	1,444	1,348	1,455	1,395	1,490	1,487	1,450	1,516	1,503	1,418	1,471
15 weeks and over .....	985	919	1,001	1,068	1,117	1,134	1,170	1,151	1,139	1,157	1,143	1,209	1,298
15 to 26 weeks .....	530	515	530	579	589	590	625	648	594	571	530	581	655
27 weeks and over .....	365	404	471	489	528	544	545	503	545	586	613	628	643
Average (mean) duration .....	10.5	10.9	11.4	11.6	11.9	12.1	12.0	11.8	12.4	12.2	12.4	12.3	12.5

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

Selected categories	1973				1972								
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Total (all civilian workers)</b> .....	5.1	5.0	5.1	5.2	5.5	5.5	5.6	5.6	5.5	5.8	5.8	5.9	5.8
Men, 20 years and over .....	3.4	3.3	3.4	3.5	3.9	3.8	3.9	3.9	4.0	4.1	4.2	4.2	4.1
Women, 20 years and over .....	4.9	5.3	5.1	5.0	5.5	5.4	5.5	5.7	5.6	5.7	5.4	5.5	5.1
Both sexes, 16-19 years .....	15.8	14.3	15.7	15.6	15.4	16.2	16.7	15.5	14.9	15.7	16.7	17.4	18.5
White .....	4.6	4.6	4.6	4.6	5.0	5.0	5.1	5.0	5.1	5.2	5.3	5.3	5.2
Negro and other races .....	9.0	8.9	9.6	10.1	10.0	10.0	9.7	10.0	9.2	10.3	9.3	10.4	10.6
<b>Household heads</b> .....	3.0	2.9	2.9	2.9	3.4	3.3	3.3	3.3	3.5	3.5	3.4	3.4	3.3
Married men .....	2.4	2.4	2.4	2.5	2.8	2.8	2.6	2.7	2.9	2.8	2.9	2.8	2.9
Full-time workers .....	4.6	4.6	4.7	4.6	5.0	5.0	5.1	5.1	5.0	5.4	5.3	5.4	5.4
Part-time workers .....	7.9	7.9	8.4	8.4	8.5	8.7	8.8	8.1	8.7	8.1	8.8	8.7	8.5
Unemployed 15 weeks and over <sup>1</sup> .....	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5
State insured <sup>2</sup> .....	2.8	2.9r	3.1r	3.1	3.2r	3.3r	3.4	3.7r	3.6	3.6r	3.6	3.7r	3.7r
Labor force time lost <sup>3</sup> .....	5.4	5.3	5.3	5.4	5.8	5.8	6.1	6.0	5.9	6.2	6.1	6.2	6.1
<b>Occupation</b>													
White-collar workers .....	3.0	3.2	3.3	3.1	3.5	3.4	3.5	3.4	3.2	3.5	3.3	3.4	3.4
Professional and technical .....	2.0	2.4	2.6	2.2	2.6	2.3	2.4	2.5	2.1	2.3	2.2	2.3	2.5
Managers and administrators, except farm .....	1.7	1.6	1.7	1.9	2.0	1.7	1.8	1.9	1.4	1.6	1.8	1.9	1.7
Sales workers .....	3.5	3.9	4.3	4.3	4.4	4.7	4.7	4.2	4.2	4.1	3.7	4.0	3.9
Clerical workers .....	4.3	4.5	4.4	3.9	4.8	4.7	4.8	4.6	4.8	5.1	4.9	4.9	4.8
Blue-collar workers .....	5.7	5.6	5.6	5.8	6.0	6.0	6.4	6.5	6.5	6.7	6.8	6.9	7.0
Craftsmen and kindred workers .....	3.8	3.7	3.9	4.2	4.1	4.0	4.3	4.3	4.4	4.3	4.3	4.1	4.5
Operatives .....	6.2	6.3	5.8	5.9	6.3	6.3	6.7	7.2	7.0	7.2	7.4	7.6	7.6
Nonfarm laborers .....	8.9	8.4	8.8	9.1	9.3	9.5	10.7	9.6	9.8	10.7	10.8	11.7	11.6
Service workers .....	6.1	5.5	6.2	6.3	6.4	6.9	6.3	6.5	5.9	6.2	6.2	6.5	6.0
Farm workers .....	2.5	2.4	2.3	3.4	2.9	2.7	2.7	2.3	2.6	2.8	2.5	2.1	2.6
<b>Industry</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	5.1	5.1	5.2	5.3	5.6	5.6	5.8c	5.7c	5.6c	5.9c	5.8c	6.1c	6.0c
Construction .....	8.7	9.0	9.8	10.5	10.3	9.8	11.0	10.7	9.6	11.1	10.7	9.9	10.4
Manufacturing .....	4.5	5.0	4.4	4.6	5.1	5.1	5.5	5.6	5.7	6.0	5.8	6.2	6.2
Durable goods .....	4.3	4.6	3.9	4.2	4.5	4.8	5.2	5.7	5.8	6.2	5.8	6.2	6.3
Nondurable goods .....	4.9	5.5	5.2	5.2	5.8	5.5	5.8	5.6	5.6	5.7	5.9	6.1	6.1
Transportation and public utilities .....	3.2	2.9	2.7	2.8	3.3	3.9	3.9	3.8	3.3	3.5	3.5	3.7	3.9
Wholesale and retail trade .....	5.9	5.6	6.1	6.3	6.5	6.6	6.6	6.5	6.5	6.3	6.2	6.6	6.3
Finance and service industries .....	4.7	4.4	4.9	4.5	5.0	4.6	4.6	4.5	4.4	4.9	4.9	5.2	5.0
Government workers .....	2.6	2.3	3.0	2.9	3.0	3.2	3.0	3.0	2.7	2.9	2.8	2.9	2.9
Agricultural wage and salary workers .....	7.3	6.4	6.4	8.7	10.0	8.2	6.9	6.1	7.4	8.3	6.8	6.6	8.1

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

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

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

<sup>4</sup> Includes mining, not shown separately.

r= revised

c= corrected

## HOUSEHOLD DATA SEASONALLY ADJUSTED

**A-34: Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1973		1972										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Total, 16 years and over</b> .....	5.1	5.0	5.1	5.2	5.5	5.5	5.6	5.6	5.5	5.8	5.8	5.9	5.8
16 to 19 years .....	15.8	14.3	15.7	15.6	15.4	16.2	16.7	15.5	14.9	15.7	16.7	17.4	18.5
16 and 17 years .....	18.8	17.3	17.5	18.3	17.6	19.3	20.0	17.0	17.0	17.2	19.2	20.3	21.1
18 and 19 years .....	13.5	12.2	14.4	13.7	13.7	14.1	14.1	14.2	13.0	15.0	15.2	15.4	16.5
20 to 24 years .....	7.9	8.2	8.7	8.4	9.2	9.0	9.2	9.6	9.0	9.7	9.7	9.9	9.2
25 years and over .....	3.3	3.3	3.2	3.3	3.6	3.5	3.6	3.7	3.8	3.9	3.7	3.7	3.7
25 to 54 years .....	3.4	3.4	3.4	3.4	3.6	3.6	3.7	3.8	3.9	3.9	3.8	3.8	3.8
55 years and over .....	2.7	2.9	3.0	2.8	3.4	3.1	3.7	3.4	3.5	3.5	3.5	3.3	3.2
<b>Males, 16 years and over</b> .....	4.3	4.2	4.4	4.6	4.8	4.8	4.9	4.7	4.8	5.2	5.2	5.3	5.3
16 to 19 years .....	14.4	13.4	15.4	15.7	14.5	15.7	16.2	14.3	14.0	16.1	16.3	17.5	19.3
16 and 17 years .....	18.0	17.1	17.4	18.4	17.1	20.0	19.7	15.2	15.8	18.3	19.1	21.2	21.1
18 and 19 years .....	11.3	11.0	13.7	13.7	12.5	12.7	13.3	13.4	12.5	14.6	14.5	15.0	17.4
20 to 24 years .....	7.5	7.7	8.2	8.5	8.8	8.6	8.8	9.3	8.8	9.4	10.3	10.4	9.4
25 years and over .....	2.7	2.6	2.7	2.8	3.1	3.0	3.1	3.0	3.2	3.3	3.2	3.2	3.2
25 to 54 years .....	2.8	2.7	2.6	2.8	2.9	2.9	3.0	3.0	3.2	3.3	3.2	3.1	3.2
55 years and over .....	2.3	2.5	3.0	2.7	3.5	3.4	3.4	3.2	3.5	3.4	3.4	3.3	3.2
<b>Females, 16 years and over</b> .....	6.3	6.4	6.3	6.1	6.7	6.6	6.8	6.9	6.7	6.7	6.7	6.7	6.4
16 to 19 years .....	17.5	15.4	16.2	15.4	16.6	16.9	17.3	16.9	16.1	15.1	17.2	17.2	17.6
16 and 17 years .....	20.0	17.7	17.6	18.1	18.4	18.3	20.6	19.4	18.6	15.7	19.3	19.2	21.1
18 and 19 years .....	16.1	13.7	15.4	13.8	15.2	15.9	15.1	15.0	13.6	15.5	16.0	15.9	15.4
20 to 24 years .....	8.3	8.9	9.2	8.2	9.7	9.6	9.6	9.9	9.2	10.1	8.9	9.1	8.9
25 years and over .....	4.3	4.4	4.2	4.3	4.5	4.5	4.6	4.8	4.8	4.8	4.6	4.7	4.4
25 to 54 years .....	4.5	4.7	4.6	4.6	4.8	4.9	4.9	5.1	5.1	5.0	4.9	5.0	4.8
55 years and over .....	3.5	3.7	3.0	3.0	3.2	2.7	4.1	3.8	3.6	3.7	3.5	3.2	3.0

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

(Numbers in thousands)

Reason for unemployment	1973		1972										
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Number of unemployed</b>													
Lost last job .....	1,724	1,758	1,846	1,882	1,988	2,102	2,185	2,133	2,160	2,190	2,045	2,143	2,114
Left last job .....	671	550	672	646	685	653	648	634	607	629	599	687	603
Reentered labor force .....	1,377	1,409	1,322	1,375	1,450	1,422	1,423	1,434	1,362	1,453	1,531	1,503	1,496
Never worked before .....	684	679	629	621	638	656	645	620	634	790	854	708	699
<b>Percent distribution</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job .....	38.7	40.0	41.3	41.6	41.8	43.5	44.6	44.2	45.3	43.3	40.7	42.5	43.0
Left last job .....	15.1	12.5	15.0	14.3	14.4	13.5	13.2	13.2	12.7	12.4	11.9	13.6	12.3
Reentered labor force .....	30.9	32.1	29.6	30.4	30.5	29.4	29.0	29.7	28.6	28.7	30.4	29.8	30.5
Never worked before .....	15.4	15.4	14.1	13.7	13.4	13.6	13.2	12.9	13.3	15.6	17.0	14.0	14.2
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job .....	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.5	2.5	2.4	2.5	2.5
Left last job .....	.8	.6	.8	.7	.8	.8	.7	.7	.7	.7	.7	.8	.7
Reentered labor force .....	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.8	1.7	1.7
Never worked before .....	.8	.8	.7	.7	.7	.8	.7	.7	.7	.9	1.0	.8	.8

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

**A-36: Employed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1973					1972							
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Total</b>													
16 years and over . . . . .	83,127	82,555	82,780	82,525	82,397	82,256	82,061	81,782	81,752	81,458	81,209	81,216	80,594
16 to 19 years . . . . .	7,017	6,898	6,948	6,924	6,889	6,773	6,678	6,593	6,756	6,779	6,707	6,668	6,457
16 and 17 years . . . . .	2,898	2,772	2,861	2,816	2,814	2,772	2,716	2,731	2,781	2,851	2,748	2,698	2,667
18 and 19 years . . . . .	4,166	4,144	4,070	4,099	4,076	3,981	3,953	3,888	3,972	3,945	3,909	3,921	3,813
20 to 24 years . . . . .	11,428	11,321	11,266	11,246	11,160	11,051	10,976	10,866	10,917	10,787	10,694	10,629	10,602
25 years and over . . . . .	64,777	64,417	64,554	64,357	64,449	64,481	64,369	64,200	63,997	63,867	63,832	63,924	63,557
25 to 54 years . . . . .	50,991	50,667	50,671	50,440	50,409	50,410	50,355	50,191	50,026	49,940	49,845	49,836	49,619
55 years and over . . . . .	13,812	13,747	13,889	13,910	14,024	14,099	14,027	13,984	13,972	13,926	13,918	14,040	13,986
<b>Male</b>													
16 years and over . . . . .	51,375	51,201	51,336	51,165	51,132	51,034	50,852	50,708	50,710	50,375	50,250	50,282	49,868
16 to 19 years . . . . .	3,927	3,840	3,861	3,857	3,905	3,838	3,782	3,666	3,786	3,718	3,710	3,686	3,546
16 and 17 years . . . . .	1,671	1,560	1,636	1,619	1,631	1,582	1,603	1,579	1,616	1,592	1,557	1,538	1,526
18 and 19 years . . . . .	2,311	2,285	2,229	2,231	2,284	2,238	2,171	2,109	2,167	2,142	2,112	2,124	2,051
20 to 24 years . . . . .	6,394	6,383	6,349	6,297	6,263	6,185	6,097	6,061	6,102	5,980	5,931	5,930	5,880
25 years and over . . . . .	41,108	41,026	41,107	41,006	41,034	41,025	40,935	40,935	40,765	40,664	40,632	40,679	40,458
25 to 54 years . . . . .	32,346	32,322	32,267	32,195	32,123	32,131	32,085	32,069	31,928	31,839	31,804	31,723	31,638
55 years and over . . . . .	8,779	8,705	8,841	8,827	8,870	8,890	8,853	8,847	8,848	8,811	8,833	8,932	8,854
<b>Female</b>													
16 years and over . . . . .	31,752	31,354	31,444	31,360	31,265	31,222	31,209	31,074	31,042	31,083	30,959	30,934	30,726
16 to 19 years . . . . .	3,090	3,058	3,087	3,067	2,984	2,935	2,896	2,927	2,970	3,061	2,997	2,982	2,911
16 and 17 years . . . . .	1,227	1,212	1,225	1,197	1,183	1,190	1,113	1,152	1,165	1,259	1,191	1,160	1,141
18 and 19 years . . . . .	1,855	1,859	1,841	1,868	1,792	1,743	1,782	1,779	1,805	1,803	1,797	1,797	1,762
20 to 24 years . . . . .	5,034	4,938	4,917	4,949	4,897	4,866	4,879	4,805	4,815	4,807	4,763	4,699	4,722
25 years and over . . . . .	23,669	23,391	23,447	23,351	23,415	23,456	23,433	23,265	23,232	23,203	23,200	23,245	23,099
25 to 54 years . . . . .	18,645	18,345	18,404	18,245	18,286	18,279	18,270	18,122	18,098	18,101	18,041	18,113	17,981
55 years and over . . . . .	5,033	5,042	5,048	5,083	5,154	5,209	5,174	5,137	5,124	5,115	5,085	5,108	5,132

**A-37: Employed persons by major occupational group, seasonally adjusted**

(In thousands)

Occupational group	1973					1972							
	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>White-collar workers</b> . . . . .	40,054	39,923	39,481	39,636	39,429	39,493	39,363	39,100	38,797	38,870	38,853	38,699	38,765
Professional & technical . . . . .	11,737	11,798	11,628	11,632	11,494	11,631	11,682	11,418	11,410	11,351	11,395	11,390	11,289
Managers and administrators, except farm . . . . .	8,504	8,389	8,342	8,162	8,080	7,993	8,053	8,009	7,899	7,894	7,897	7,937	8,079
Sales workers . . . . .	5,410	5,561	5,311	5,458	5,440	5,453	5,339	5,364	5,283	5,420	5,355	5,273	5,293
Clerical workers . . . . .	14,403	14,175	14,200	14,384	14,415	14,416	14,289	14,309	14,205	14,205	14,206	14,099	14,104
<b>Blue-collar workers</b> . . . . .	29,279	28,989	28,901	28,754	28,850	28,698	28,544	28,538	28,764	28,662	28,330	28,495	28,071
Craftsmen and kindred workers . . . . .	10,980	10,909	10,763	10,703	10,742	10,796	10,811	10,818	10,884	10,855	10,797	10,900	10,813
Operatives . . . . .	14,168	13,827	13,817	13,758	13,714	13,597	13,448	13,421	13,613	13,625	13,426	13,463	13,262
Nonfarm laborers . . . . .	4,131	4,253	4,321	4,293	4,394	4,305	4,285	4,299	4,267	4,182	4,107	4,132	3,996
<b>Service workers</b> . . . . .	10,745	10,756	10,060	10,956	10,963	10,968	10,997	11,072	11,120	11,058	10,984	10,839	10,766
<b>Farmers and farm laborers</b> . . . . .	3,066	3,089	3,244	3,193	3,249	3,146	3,169	3,015	2,905	2,929	2,936	3,059	2,994

<sup>1</sup> Data represent the sum of transport equipment operatives and operatives, except transport.

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

(Numbers in thousands)

Employment status	Feb. 1973	Jan. 1973	Feb. 1972	Seasonally adjusted					
				Feb. 1973	Jan. 1973	Dec. 1972	Nov. 1972	Oct. 1972	Feb. 1972
<b>Veterans<sup>1</sup></b>									
<b>Total, 20 to 29 years old</b>									
Civilian noninstitutional population <sup>2</sup> . . . . .	4,656	4,666	4,436	4,656	4,666	4,648	4,636	4,624	4,436
Civilian labor force . . . . .	4,274	4,295	4,086	4,322	4,334	4,338	4,318	4,310	4,111
Employed . . . . .	3,965	3,993	3,690	4,075	4,080	4,087	4,052	4,026	3,798
Unemployed . . . . .	309	302	396	247	254	251	266	284	313
Unemployment rate . . . . .	7.2	7.0	9.7	5.7	5.9	5.8	6.2	6.6	7.6
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup> . . . . .	1,791	1,818	2,008	1,791	1,818	1,837	1,861	1,885	2,008
Civilian labor force . . . . .	1,598	1,639	1,811	1,620	1,649	1,673	1,682	1,709	1,837
Employed . . . . .	1,397	1,472	1,585	1,452	1,508	1,524	1,514	1,543	1,648
Unemployed . . . . .	201	167	226	168	141	149	168	166	189
Unemployment rate . . . . .	12.6	10.2	12.5	10.4	8.6	8.9	10.0	9.7	10.3
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup> . . . . .	2,865	2,848	2,428	2,865	2,848	2,811	2,775	2,739	2,428
Civilian labor force . . . . .	2,676	2,656	2,275	2,702	2,685	2,665	2,636	2,601	2,274
Employed . . . . .	2,568	2,521	2,105	2,623	2,572	2,563	2,538	2,483	2,150
Unemployed . . . . .	108	135	170	79	113	102	98	118	124
Unemployment rate . . . . .	4.0	5.1	7.5	2.9	4.2	3.8	3.7	4.5	5.5
<b>Nonveterans</b>									
<b>Total, 20 to 29 years old</b>									
Civilian noninstitutional population <sup>2</sup> . . . . .	10,464	10,390	9,707	10,464	10,390	10,327	10,250	10,209	9,707
Civilian labor force . . . . .	8,969	8,896	8,215	9,216	9,104	9,009	8,947	8,962	8,401
Employed . . . . .	8,339	8,257	7,502	8,695	8,558	8,439	8,393	8,377	7,811
Unemployed . . . . .	630	639	713	521	546	570	554	585	590
Unemployment rate . . . . .	7.0	7.2	8.7	5.7	6.0	6.3	6.2	6.5	7.0
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup> . . . . .	6,384	6,337	5,802	6,384	6,337	6,289	6,226	6,194	5,802
Civilian labor force . . . . .	5,108	5,066	4,507	5,349	5,266	5,231	5,180	5,158	4,689
Employed . . . . .	4,679	4,625	3,998	4,994	4,874	4,808	4,768	4,719	4,267
Unemployed . . . . .	429	441	509	355	392	423	412	439	422
Unemployment rate . . . . .	8.4	8.7	11.3	6.6	7.4	8.1	8.0	8.5	9.0
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup> . . . . .	4,080	4,053	3,905	4,080	4,053	4,038	4,024	4,015	3,905
Civilian labor force . . . . .	3,861	3,830	3,708	3,867	3,838	3,778	3,767	3,804	3,712
Employed . . . . .	3,660	3,632	3,504	3,701	3,684	3,631	3,625	3,658	3,544
Unemployed . . . . .	201	198	204	166	154	147	142	146	168
Unemployment rate . . . . .	5.2	5.2	5.5	4.3	4.0	3.9	3.8	3.8	4.5

<sup>1</sup> Vietnam Era veterans are those who served after August 4, 1964; they are all classified as war veterans. 77 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.

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





**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC CODE	Industry	(In thousands)										
		All employees					Production workers <sup>1</sup>					
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	
-	<b>TOTAL</b> .....	73,597	73,256	74,778	70,642	72,764	-	-	-	-	-	
-	<b>PRIVATE SECTOR</b> .....	59,889	59,699	61,071	57,464	59,475	49,456	49,312	50,689	47,387	49,223	
-	<b>MINING</b> .....	599	599	603	603	607	451	451	454	454	459	
10	<b>METAL MINING</b> .....	-	87.4	86.7	86.2	86.1	-	69.6	68.9	68.3	68.4	
101	Iron ores .....	-	20.1	20.0	19.6	20.1	-	16.1	16.0	15.6	16.1	
102	Copper ores .....	-	40.6	40.2	38.1	38.9	-	32.4	32.0	29.9	30.7	
11,12	<b>COAL MINING</b> .....	-	145.3	144.5	151.2	146.9	-	124.0	123.3	127.2	124.5	
12	Bituminous coal and lignite mining .....	-	141.7	141.0	146.5	143.2	-	120.9	120.3	123.0	121.3	
13	<b>OIL AND GAS EXTRACTION</b> .....	-	261.0	261.9	262.7	261.9	-	173.5	173.1	174.5	173.7	
131,2	Crude petroleum and natural gas fields .....	-	134.4	135.7	138.3	137.8	-	68.3	68.8	71.0	70.7	
138	Oil and gas field services .....	-	126.6	126.2	124.4	124.1	-	105.2	104.3	103.5	103.0	
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	104.8	109.5	103.1	112.1	-	84.2	88.9	83.8	92.0	
142	Crushed and broken stone .....	-	35.2	37.4	35.1	38.8	-	28.9	31.1	29.3	32.8	
144	Sand and gravel .....	-	34.4	36.7	34.0	38.0	-	-	-	-	-	
-	<b>CONTRACT CONSTRUCTION</b> .....	3,171	3,144	3,373	3,174	3,521	2,560	2,532	2,756	2,582	2,908	
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	948.5	1,017.0	950.3	1,036.5	-	762.7	827.5	770.8	849.9	
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	540.3	636.6	572.3	732.4	-	431.2	523.8	466.9	620.1	
161	Highway and street construction .....	-	199.4	254.0	224.1	331.9	-	158.5	212.1	186.1	289.7	
162	Heavy construction, n e c .....	-	340.9	382.6	348.2	400.5	-	272.7	311.7	280.8	330.5	
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,654.7	1,719.5	1,651.7	1,751.7	-	1,337.6	1,404.5	1,344.7	1,437.8	
171	Plumbing, heating, air conditioning .....	-	423.7	436.8	424.6	436.2	-	329.3	343.2	334.0	343.1	
172	Painting, paper hanging, decorating .....	-	106.7	118.5	105.3	126.2	-	90.0	101.8	88.3	108.8	
173	Electrical work .....	-	317.5	325.8	296.4	318.5	-	253.2	261.2	233.2	254.3	
174	Masonry, stonework, and plastering .....	-	185.8	195.7	199.7	208.5	-	164.7	174.9	178.6	187.1	
176	Roofing and sheet metal work .....	-	115.1	115.8	108.8	117.6	-	93.2	93.9	88.0	96.1	
-	<b>MANUFACTURING</b> .....	19,391	19,276	19,423	18,365	18,933	14,236	14,136	14,282	13,325	13,838	
19,24,25,32-39	<b>DURABLE GOODS</b> .....	11,342	11,250	11,289	10,505	10,884	8,320	8,246	8,290	7,573	7,919	
20-23,26-31	<b>NONDURABLE GOODS</b> .....	8,049	8,026	8,134	7,860	8,049	5,916	5,890	5,992	5,752	5,919	
	<i>Durable Goods</i>											
19	<b>ORDNANCE AND ACCESSORIES</b> .....	200.0	197.2	197.9	183.0	188.2	103.1	101.7	103.2	90.1	94.4	
192	Ammunition, except for small arms .....	141.4	138.7	139.3	124.9	129.4	67.2	65.7	66.8	54.9	58.0	
1925	Complete guided missiles .....	-	94.7	94.3	86.9	90.3	-	30.1	30.0	25.4	27.3	
1929	Ammunition, exc. for small arms, nec .....	-	44.0	45.0	38.0	39.1	-	35.6	36.8	29.5	30.7	
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	612.4	604.3	614.5	585.6	612.0	526.6	519.4	529.2	501.4	526.8	
241	Logging camps & logging contractors .....	(*)	65.1	67.6	67.2	68.9	-	-	-	-	-	
242	Sawmills and planing mills .....	(*)	210.1	212.6	210.5	216.7	(*)	190.4	192.4	190.1	196.2	
2421	Sawmills and planing mills, general .....	-	178.3	179.7	178.4	184.0	-	161.8	162.8	161.4	166.7	
243	Millwork, plywood & related products .....	202.9	205.5	210.6	191.5	204.8	167.9	171.2	176.0	157.8	170.4	
2431	Millwork .....	-	88.8	90.4	82.6	87.1	-	72.7	74.4	67.6	71.5	
2432	Veneer and plywood .....	-	82.7	83.1	77.2	81.3	-	73.0	73.2	67.3	71.6	
244	Wooden containers .....	27.2	27.2	27.4	27.8	28.2	24.2	24.2	24.4	24.4	25.1	
2441,2	Wooden boxes, shooks, and crates .....	-	21.4	21.8	21.9	22.6	-	19.1	19.5	19.3	20.2	
249	Miscellaneous wood products .....	97.1	96.4	96.3	88.6	93.4	79.9	79.5	79.6	73.4	77.3	

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES.....</b>	513.6	512.6	512.1	477.2	492.7	425.3	425.2	425.5	394.4	407.5
251	Household furniture.....	373.1	372.1	370.9	344.3	355.9	317.1	316.7	316.5	292.1	302.0
2511	Wood household furniture.....	—	184.7	185.1	172.1	177.2	—	162.7	163.9	151.2	155.7
2512	Upholstered household furniture.....	—	106.1	106.4	96.1	101.0	—	89.0	89.5	80.6	84.7
2515	Mattresses and bedsprings.....	—	39.0	38.6	38.6	38.5	—	30.1	29.5	29.6	29.6
252	Office furniture.....	—	39.7	39.7	37.9	38.6	—	31.5	31.2	29.5	30.2
254	Partitions and fixtures.....	—	53.2	52.9	48.3	50.6	—	40.7	40.5	36.9	38.9
253,9	Other furniture and fixtures.....	48.2	47.6	48.6	46.7	47.6	36.8	36.3	37.3	35.9	36.4
32	<b>STONE, CLAY, AND GLASS PRODUCTS...</b>	658.6	650.3	666.1	625.3	660.0	524.8	517.6	532.5	494.8	527.1
321	Flar glass.....	—	25.2	25.4	24.2	24.5	—	18.6	18.9	18.2	18.3
322	Glass and glassware, pressed or blown...	136.5	136.1	137.1	126.4	133.7	117.5	117.4	118.6	108.7	115.4
3221	Glass containers.....	—	75.8	76.8	72.0	76.2	—	66.4	67.4	63.5	67.1
3229	Pressed and blown glass, n e c.....	—	60.3	60.3	54.4	57.5	—	51.0	51.2	45.2	48.4
324	Cement, hydraulic.....	32.7	32.8	33.6	32.4	33.6	25.5	25.7	26.3	25.3	26.3
325	Structural clay products.....	(*)	57.3	58.4	56.7	58.8	(*)	47.6	48.5	47.0	49.0
3251	Brick and structural clay tile.....	—	25.2	26.4	24.5	26.0	—	21.7	22.8	21.3	22.6
326	Pottery and related products.....	—	45.4	45.4	42.4	44.2	—	38.4	38.5	35.5	37.2
327	Concrete, gypsum, and plaster products...	(*)	184.4	193.9	185.0	198.7	(*)	142.0	150.6	141.5	154.9
328,9	Other stone and nonmetallic mineral products	137.6	136.2	139.1	128.0	134.6	103.3	102.3	105.2	95.1	101.1
3291	Abrasive products.....	—	27.7	27.6	25.2	26.4	—	19.6	19.5	17.3	18.4
33	<b>PRIMARY METAL INDUSTRIES.....</b>	1,279.1	1,275.6	1,271.6	1,183.9	1,234.8	1,027.3	1,024.6	1,020.8	931.9	984.1
331	Blasr furnace and basic steel products...	(*)	587.9	584.7	543.0	572.7	(*)	471.1	468.4	426.8	456.7
3312	Blast furnaces and steel mills.....	—	505.5	502.4	465.4	492.2	—	406.2	403.8	367.1	393.9
332	Iron and steel foundries.....	229.6	227.5	226.9	212.7	220.2	192.9	190.6	190.1	176.3	183.4
3321	Gray iron foundries.....	—	143.8	143.1	137.0	139.2	—	122.3	121.7	115.7	117.9
3322	Malleable iron foundries.....	—	25.9	26.0	23.5	24.9	—	21.8	22.0	19.5	20.8
3323	Steel foundries.....	—	57.8	57.8	52.2	56.2	—	46.5	46.4	41.1	44.7
333,4	Nonferrous metals.....	85.0	85.1	84.9	81.7	83.6	66.4	66.5	66.4	63.2	65.1
3334	Primary aluminum.....	—	30.5	30.2	27.9	29.0	—	25.2	25.0	22.6	23.8
335	Nonferrous rolling and drawing.....	214.0	213.7	213.9	200.3	205.9	163.0	163.1	163.0	147.6	154.5
3351	Copper rolling and drawing.....	—	41.1	41.7	38.5	39.7	—	32.1	32.3	28.5	30.1
3352	Aluminum rolling and drawing.....	—	68.6	68.4	64.4	66.6	—	51.5	51.5	46.5	49.4
3357	Nonferrous wire drawing and insulating..	—	82.8	82.7	77.7	79.2	—	64.3	64.1	58.8	60.5
336	Nonferrous foundries.....	90.2	89.4	89.4	79.7	83.7	75.9	75.1	75.0	65.6	69.8
3361	Aluminum castings.....	—	46.6	46.5	41.7	43.5	—	39.7	39.6	34.8	36.8
3362,9	Other nonferrous castings.....	—	42.8	42.9	38.0	40.2	—	35.4	35.4	30.8	33.0
339	Miscellaneous primary metal products....	73.0	72.0	71.8	66.5	68.7	58.9	58.2	57.9	52.4	54.7
3391	Iron and steel forgings.....	—	47.4	47.2	44.4	45.5	—	38.9	38.8	35.6	36.9
34	<b>FABRICATED METAL PRODUCTS.....</b>	1,424.5	1,412.8	1,418.3	1,328.0	1,371.1	1,097.2	1,085.7	1,092.4	1,009.8	1,049.4
341	Metal cans.....	(*)	64.6	66.1	67.4	68.2	(*)	54.0	55.6	57.2	58.0
342	Cutlery, hand tools, and hardware.....	164.9	162.8	163.3	150.0	155.5	130.4	128.8	129.2	117.7	122.3
3421,3,5	Cutlery and hand tools, incl. saws.....	—	69.6	69.5	62.3	65.2	—	55.6	55.5	48.8	51.6
3429	Hardware, n e c.....	—	93.2	93.8	87.7	90.2	—	73.2	73.7	68.9	70.7
343	Plumbing and heating, except electric....	81.0	81.6	81.8	78.5	80.7	61.0	61.3	61.9	58.5	60.7
3431,2	Sanitary ware & plumbers' brass goods..	—	39.7	39.6	38.1	39.0	—	31.6	31.8	30.3	31.2
3433	Heating equipment, except electric.....	—	41.9	42.2	40.4	41.6	—	29.7	30.1	28.2	29.5
344	Fabricated structural metal products.....	437.5	436.8	441.4	414.6	429.4	313.0	312.8	317.8	294.1	307.3
3441	Fabricated structural steel.....	—	101.4	101.8	101.7	101.8	—	73.4	74.1	74.1	73.8
3442	Metal doors, sash, and trim.....	—	75.6	78.4	69.5	75.9	—	55.6	58.2	49.9	55.9
3443	Fabricated plate work (boiler shops)....	—	114.9	115.9	109.4	111.9	—	80.1	81.2	74.9	77.3
3444	Sheet metal work.....	—	86.0	86.4	81.3	84.0	—	62.1	62.6	58.6	61.0
3446,9	Architectural and misc. metal work.....	—	58.9	58.9	52.7	55.8	—	51.6	51.7	36.6	39.4
345	Screw machine products, bolts, etc.....	100.7	102.0	101.4	93.0	96.9	80.0	81.0	80.5	71.8	75.9
3451	Screw machine products.....	—	44.9	44.5	39.8	42.0	—	37.7	37.3	32.6	34.8
3452	Bolts, nuts, rivets, and washers.....	—	57.1	56.9	53.2	54.9	—	43.3	43.2	39.2	41.1
346	Metal stampings.....	250.4	247.5	246.9	228.4	234.0	204.8	201.6	201.3	184.0	188.9
347	Metal services, n e c.....	91.7	89.6	90.4	80.8	85.7	76.1	74.1	75.0	66.0	70.6
348	Misc. fabricated wire products.....	70.8	69.6	69.3	64.6	67.1	57.3	55.8	55.4	51.1	53.5
349	Misc. fabricated metal products.....	160.2	158.3	157.7	150.7	153.7	117.7	116.3	115.7	109.4	112.2
3494,8	Valves, pipe, and pipe fittings.....	—	99.7	99.2	94.2	95.9	—	70.2	69.8	65.6	67.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

52

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . .</b>	1,984.3	1,959.5	1,950.1	1,799.3	1,864.2	1,337.1	1,321.9	1,315.3	1,177.2	1,235.9
351	Engines and turbines . . . . .	117.5	115.1	114.7	110.8	110.3	77.6	76.1	76.0	72.9	72.2
3511	Steam engines and turbines . . . . .	-	43.7	44.2	45.0	44.1	-	23.5	24.3	25.6	24.4
3519	Internal combustion engines, n e c . . . . .	-	71.4	70.5	65.8	66.3	-	52.6	51.7	47.3	47.8
352	Farm machinery . . . . .	-	141.8	141.0	124.0	132.4	-	102.3	101.9	86.8	94.4
353	Construction and related machinery . . . . .	304.3	301.8	299.7	277.3	287.2	204.9	202.8	201.4	177.3	187.8
3531,2	Construction and mining machinery . . . . .	-	165.1	163.6	150.9	155.7	-	113.6	112.5	98.1	103.8
3533	Oil field machinery . . . . .	-	47.0	47.1	43.6	45.4	-	32.9	33.0	29.6	31.4
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	40.1	39.6	37.7	39.2	-	25.3	24.8	23.0	24.1
3537	Industrial trucks and tractors . . . . .	-	34.4	34.2	29.2	31.3	-	23.0	23.1	18.7	20.6
354	Metal working machinery . . . . .	310.3	307.8	304.3	278.9	288.2	230.1	228.4	225.2	203.2	210.3
3541	Machine tools, metal cutting types . . . . .	-	62.8	62.1	55.3	57.5	-	41.6	41.0	35.5	37.0
3544	Special dies, tools, jigs, & fixtures . . . . .	-	119.0	117.0	110.9	112.8	-	97.2	95.3	89.3	91.1
3545	Machine tool accessories . . . . .	-	51.9	51.5	46.7	48.3	-	37.9	37.4	32.8	34.3
3542,8	Misc. metal working machinery . . . . .	-	74.1	73.7	66.0	69.6	-	51.7	51.5	45.6	47.9
355	Special industry machinery . . . . .	187.7	185.4	184.9	174.1	178.1	125.4	123.8	123.3	112.3	116.5
3551	Food products machinery . . . . .	-	39.1	38.8	36.5	37.7	-	25.5	25.3	22.6	23.9
3552	Textile machinery . . . . .	-	37.6	37.9	36.5	36.9	-	29.1	29.4	26.9	27.6
3555	Printing trades machinery . . . . .	-	27.2	27.2	27.4	26.7	-	17.1	16.9	16.7	16.3
356	General industrial machinery . . . . .	279.1	276.5	276.2	256.0	264.8	191.2	189.0	188.6	168.7	177.3
3561	Pumps and compressors . . . . .	-	77.7	77.7	72.4	75.4	-	49.3	48.9	44.0	46.6
3562	Ball and roller bearings . . . . .	-	54.0	54.4	50.0	51.5	-	42.4	42.6	38.0	39.7
3564	Blowers and fans . . . . .	-	34.5	34.3	31.9	33.0	-	22.1	22.0	19.7	20.6
3566	Power transmission equipment . . . . .	-	50.0	49.8	45.0	47.3	-	35.9	36.0	31.7	33.6
357	Office and computing machines . . . . .	263.1	255.9	253.9	234.7	245.4	118.7	117.2	116.9	104.1	111.7
3573	Electronic computing equipment . . . . .	-	181.1	179.3	168.9	172.0	-	65.3	65.0	60.7	60.9
358	Service industry machines . . . . .	154.7	154.2	155.1	142.1	148.6	108.8	108.3	109.0	96.6	103.3
3585	Refrigeration machinery . . . . .	-	105.0	105.5	95.1	100.3	-	75.1	75.4	65.0	70.6
359	Misc. machinery, except electrical . . . . .	224.2	221.0	220.3	201.4	209.1	176.8	174.0	173.0	155.3	162.4
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	1,934.6	1,918.0	1,919.7	1,774.5	1,833.0	1,330.8	1,315.8	1,317.7	1,186.3	1,238.4
361	Electric test & distributing equipment . . . . .	201.2	203.0	203.1	181.9	192.8	139.6	141.5	141.3	122.9	131.8
3611	Electric measuring instruments . . . . .	-	73.2	72.6	61.0	66.2	-	46.6	46.2	37.5	41.0
3612	Transformers . . . . .	-	54.7	55.1	47.7	52.5	-	40.9	41.0	33.7	38.5
3613	Switchgear and switchboard apparatus . . . . .	-	75.1	75.4	73.2	74.1	-	54.0	54.1	51.7	52.4
362	Electrical industrial apparatus . . . . .	225.7	221.9	220.7	198.2	208.9	160.1	157.9	156.7	135.3	145.2
3621	Motors and generators . . . . .	-	121.3	121.0	107.8	113.9	-	89.5	89.0	75.5	81.7
3622	Industrial controls . . . . .	-	61.2	60.8	55.0	58.0	-	39.9	39.6	34.7	37.2
363	Household appliances . . . . .	209.8	207.4	206.2	187.7	196.4	168.9	165.9	164.7	148.8	156.5
3632	Household refrigerators and freezers . . . . .	-	63.5	61.5	57.5	59.5	-	52.0	50.0	46.9	48.6
3633	Household laundry equipment . . . . .	-	28.7	28.5	27.5	28.1	-	23.3	23.1	22.3	22.8
3634	Electric housewares and fans . . . . .	-	53.0	54.1	47.3	50.4	-	42.3	43.1	36.9	40.0
364	Electric lighting and wiring equipment . . . . .	213.4	210.1	211.5	194.8	201.7	166.2	163.8	165.2	150.1	156.3
3641	Electric lamps . . . . .	-	37.5	37.4	36.1	36.3	-	33.3	33.2	31.7	32.0
3642	Lighting fixtures . . . . .	-	69.2	70.2	64.8	67.5	-	53.6	54.7	49.5	51.9
3643,4	Wiring devices . . . . .	-	103.4	103.9	93.9	98.0	-	76.9	77.3	68.9	72.4
365	Radio and TV receiving equipment . . . . .	(*)	142.9	147.6	133.6	139.2	(*)	107.2	111.2	98.3	103.3
366	Communication equipment . . . . .	433.3	435.2	436.0	427.4	429.5	222.0	222.4	222.8	212.9	215.6
3661	Telephone and telegraph apparatus . . . . .	-	150.4	150.3	149.1	148.5	-	97.6	97.3	95.6	95.2
3662	Radio and TV communication equipment . . . . .	-	284.8	285.7	278.3	281.0	-	124.8	125.5	117.3	120.4
367	Electronic components and accessories . . . . .	374.1	367.5	364.9	328.7	340.7	261.0	254.9	253.2	223.1	233.0
3671-3	Electron tubes . . . . .	-	52.2	51.9	50.0	50.9	-	36.9	36.9	34.9	36.0
3674,9	Other electronic components . . . . .	-	315.3	313.0	278.7	289.9	-	218.0	216.3	188.2	197.0
369	Misc. electrical equipment & supplies . . . . .	132.0	130.0	129.7	122.2	123.8	104.2	102.2	102.6	94.9	96.6
3694	Engine electrical equipment . . . . .	-	68.8	68.2	65.0	65.8	-	55.0	55.3	52.2	52.9
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	1,834.3	1,828.0	1,833.5	1,709.1	1,746.8	1,323.9	1,319.5	1,325.8	1,218.0	1,248.4
371	Motor vehicles and equipment . . . . .	(*)	922.8	925.2	848.1	860.9	(*)	723.3	725.1	658.3	666.3
3711	Motor vehicles . . . . .	-	417.8	418.5	375.5	381.3	-	310.4	310.7	275.6	278.4
3712	Passenger car bodies . . . . .	-	48.2	49.3	47.0	45.6	-	39.3	40.5	39.4	37.3
3713	Truck and bus bodies . . . . .	-	40.3	40.7	37.3	39.2	-	31.9	32.4	29.5	31.1
3714	Motor vehicle parts and accessories . . . . .	-	390.0	390.5	364.6	369.4	-	320.9	320.9	295.4	299.9
3715	Truck trailers . . . . .	-	26.5	26.2	23.7	25.3	-	20.8	20.6	18.4	19.7
372	Aircraft and parts . . . . .	513.4	512.1	511.7	497.7	501.1	282.8	281.0	281.8	266.5	271.2
3721	Aircraft . . . . .	-	274.8	274.8	272.6	272.2	-	142.0	143.1	138.7	139.5
3722	Aircraft engines and engine parts . . . . .	-	144.2	143.7	139.8	138.5	-	79.1	78.6	73.7	73.5
3723,9	Other aircraft parts and equipment . . . . .	-	93.1	93.2	85.3	90.5	-	59.9	60.1	54.1	58.2
373	Ship and boat building and repairing . . . . .	184.5	184.2	183.0	172.2	178.0	147.9	147.6	146.2	138.6	142.7
3731	Ship building and repairing . . . . .	-	137.8	136.8	131.1	134.5	-	109.2	108.1	104.9	107.2

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)										
		All employees					Production workers <sup>1</sup>					
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	
<i>Durable Goods--Continued</i>												
<b>TRANSPORTATION EQUIPMENT--Continued</b>												
3732	Boat building and repairing.....	-	46.4	46.2	41.1	43.4	-	38.4	38.1	33.7	35.6	
374	Railroad equipment.....	-	52.0	53.8	53.1	51.6	-	39.6	41.4	41.4	39.3	
375,9	Other transportation equipment.....	-	156.9	159.8	138.0	155.3	-	128.0	131.3	113.2	128.9	
38	<b>INSTRUMENTS AND RELATED PRODUCTS.....</b>	478.1	474.5	473.8	440.0	455.9	294.3	290.7	290.2	263.7	275.9	
381	Engineering & scientific instruments.....	-	66.5	66.4	62.2	64.2	-	33.7	33.5	30.2	31.9	
382	Mechanical measuring & control devices.....	(*)	107.4	107.1	101.6	103.7	(*)	68.4	68.3	62.4	64.6	
3821	Mechanical measuring devices.....	-	66.5	66.3	65.2	65.6	-	39.7	39.7	37.8	38.5	
3822	Automatic temperature controls.....	-	40.9	40.8	36.4	38.1	-	28.7	28.6	24.6	26.1	
383,5	Optical and ophthalmic goods.....	59.0	58.8	58.6	50.8	54.4	42.1	42.0	41.7	35.6	38.6	
385	Ophthalmic goods.....	-	41.4	41.4	35.6	38.5	-	31.8	31.6	27.0	29.3	
384	Medical instruments and supplies.....	(*)	93.7	93.8	87.3	90.4	(*)	61.9	62.3	57.1	59.5	
386	Photographic equipment and supplies.....	116.0	116.0	116.2	109.0	112.8	58.6	58.4	58.4	54.7	56.5	
387	Watches, clocks, and watchcases.....	-	32.1	31.7	29.1	30.4	-	26.3	26.0	23.7	24.9	
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES.....</b>												
39	Jewelry, silverware, and plated ware.....	422.8	417.4	431.7	399.3	425.2	329.5	324.1	337.3	305.1	331.3	
391	Toys and sporting goods.....	54.4	54.1	55.9	50.6	53.0	40.9	40.5	42.0	37.6	39.7	
394	Games, toys, dolls, & play vehicles.....	-	112.5	119.4	105.5	119.9	-	89.0	96.1	82.7	96.7	
3941-3	Sporting and athletic goods, n e c.....	-	55.7	62.3	53.3	65.0	-	42.5	49.3	40.0	51.8	
3949	Pens, pencils, office, and art supplies.....	-	56.8	57.1	52.2	54.8	-	46.5	46.8	42.7	44.9	
395	Costume jewelry and notions.....	-	33.5	33.9	31.7	33.4	-	23.8	24.1	21.8	23.7	
396	Other manufacturing industries.....	-	52.6	55.1	53.3	54.5	-	43.1	45.3	43.2	44.7	
393,9	Musical instruments and parts.....	165.4	164.7	167.4	158.2	164.4	128.5	127.7	129.8	119.8	126.6	
393	Musical instruments and parts.....	-	23.5	24.5	22.5	23.7	-	19.2	20.2	18.2	19.4	
<i>Nondurable Goods</i>												
<b>FOOD AND KINDRED PRODUCTS.....</b>												
20	Meat products.....	1,669.9	1,687.7	1,727.0	1,691.5	1,751.1	1,110.0	1,125.0	1,162.4	1,126.0	1,180.3	
201	Meat packing plants.....	328.7	334.4	347.5	340.1	344.5	269.1	274.0	287.4	278.4	283.6	
2011	Sausages and other prepared meats.....	-	179.4	181.2	180.2	179.4	-	144.1	146.2	143.8	143.8	
2013	Poultry dressing plants.....	-	60.4	61.2	63.0	61.6	-	43.8	44.7	46.4	45.1	
2015	Dairy products.....	215.8	217.0	217.9	221.1	224.6	105.3	106.3	107.1	106.3	110.3	
202	Ice cream and frozen desserts.....	-	21.0	21.1	21.7	23.6	-	11.6	11.7	11.3	13.1	
2024	Fluid milk.....	-	151.8	152.1	154.6	155.5	-	61.0	61.2	60.7	62.2	
2026	Canned, cured, and frozen foods.....	-	230.5	243.3	242.8	282.4	-	183.6	195.9	195.9	233.5	
203	Canned, cured, and frozen sea foods.....	-	37.7	42.3	41.4	43.7	-	32.1	36.7	36.2	38.3	
2031,6	Canned food, except sea foods.....	-	99.5	105.7	109.1	139.0	-	72.8	78.4	82.0	109.9	
2032,3	Frozen fruits and vegetables.....	-	64.1	65.6	63.0	67.3	-	56.1	57.6	55.4	59.8	
2037	Grain mill products.....	134.5	135.4	135.4	131.3	133.7	95.2	96.3	96.2	92.7	94.8	
204	Flour and other grain mill products.....	-	27.9	27.9	27.7	27.5	-	20.1	20.1	20.4	20.0	
2041	Prepared feeds for animals and fowls.....	-	67.3	67.0	64.8	66.8	-	44.8	44.4	42.7	44.6	
2042	Bakery products.....	268.1	268.5	272.4	266.1	271.1	153.7	153.3	156.2	154.4	156.5	
205	Bread, cake, and related products.....	-	223.6	227.7	222.1	226.8	-	118.1	121.2	119.3	121.5	
2051	Cookies and crackers.....	-	44.9	44.7	44.0	44.3	-	35.2	35.0	35.1	35.0	
2052	Sugar.....	-	49.3	49.6	41.6	39.3	-	40.3	40.6	32.0	29.9	
206	Confectionery and related products.....	82.7	82.6	84.7	79.0	78.6	67.0	66.7	68.5	63.6	62.7	
207	Confectionery products.....	-	64.9	66.8	61.6	60.9	-	53.4	55.0	50.5	49.4	
2071	Beverages.....	222.0	223.0	228.1	223.8	230.1	108.5	109.3	114.0	108.4	114.5	
208	Malt liquors.....	-	51.3	53.0	54.5	55.0	-	33.9	35.1	35.9	36.5	
2082	Bottled and canned soft drinks.....	-	124.7	126.0	124.1	127.8	-	46.6	48.1	44.0	48.0	
2086	Misc. foods and kindred products.....	145.9	147.0	148.1	145.7	146.7	94.3	95.2	96.5	94.3	94.6	
209	Misc. foods and kindred products.....	-	-	-	-	-	-	-	-	-	-	
21	<b>TOBACCO MANUFACTURES.....</b>	70.6	71.4	75.7	72.6	72.0	58.2	58.9	62.9	59.5	59.1	
211	Cigarettes.....	-	42.6	43.4	41.5	42.2	-	34.6	35.3	33.4	34.0	
212	Cigars.....	-	13.5	13.7	14.4	13.8	-	12.0	12.2	12.8	12.3	
22	<b>TEXTILE MILL PRODUCTS.....</b>	1,018.5	1,009.6	1,020.3	967.8	991.0	896.6	888.5	898.2	850.6	871.4	
221	Weaving mills, cotton.....	202.8	202.2	204.9	200.6	201.5	184.2	183.6	186.3	182.7	183.2	
222	Weaving mills, synthetics.....	107.6	106.8	107.3	103.6	105.1	96.1	95.4	96.0	92.2	93.5	
223	Weaving and finishing mills, wool.....	28.1	28.3	28.1	26.9	27.8	23.9	24.1	23.9	22.4	23.5	
224	Narrow fabric mills.....	30.8	30.5	30.9	30.0	29.8	27.3	27.0	27.3	26.4	26.3	
225	Knitting mills.....	274.2	269.6	274.4	256.1	266.4	239.5	235.3	239.7	224.3	233.2	
2251	Women's hosiery, except socks.....	-	56.0	57.0	55.3	55.2	-	49.7	50.7	49.5	49.0	
2252	Hosiery, n e c.....	-	35.4	36.0	33.8	35.2	-	31.8	32.4	30.1	31.5	
2253	Knit outerwear mills.....	-	77.6	80.0	72.1	77.2	-	65.8	68.0	61.9	66.3	
2254	Knit underwear mills.....	-	36.4	36.7	34.6	35.7	-	32.3	32.4	30.6	31.5	

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Nondurable Goods--Continued</i>											
<b>TEXTILE MILL PRODUCTS--Continued</b>											
226	Textile finishing, except wool .....	86.1	86.3	86.2	81.6	83.5	73.0	73.1	73.0	69.1	70.8
227	Floor covering mills .....	-	64.6	65.7	58.8	61.5	-	52.3	53.6	47.4	49.9
228	Yarn and thread mills .....	(*)	147.8	148.6	137.9	142.4	(*)	136.5	137.1	126.6	130.9
229	Miscellaneous textile goods .....	73.8	73.5	74.2	72.3	73.1	61.2	61.2	61.3	59.5	60.1
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS...</b>	1,346.5	1,316.4	1,343.4	1,308.4	1,335.3	1,172.4	1,142.8	1,169.6	1,140.3	1,164.7
231	Men's and boys' suits and coats .....	107.5	107.4	108.6	109.2	106.9	93.8	93.7	94.8	95.8	93.5
232	Men's and boys' furnishings .....	(*)	379.5	385.1	379.9	385.0	(*)	328.8	335.0	332.5	336.6
2321	Men's and boys' shirts and nightwear ..	-	115.2	117.6	116.4	118.5	-	101.5	103.9	102.7	104.8
2327	Men's and boys' separate trousers .....	-	84.0	84.2	88.8	85.2	-	74.6	75.0	79.1	76.0
2328	Men's and boys' work clothing .....	-	87.3	87.3	83.3	85.8	-	74.5	75.5	72.7	74.4
233	Women's and misses' outerwear .....	408.8	392.3	402.8	387.3	396.0	362.5	346.6	356.2	341.0	349.9
2331	Women's and misses' blouses and waists ..	-	43.7	44.0	41.8	42.0	-	39.0	39.4	37.0	37.4
2335	Women's and misses' dresses .....	-	186.5	189.7	185.4	190.2	-	167.9	170.4	166.1	171.1
2337	Women's and misses' suits and coats .....	-	61.0	65.9	63.8	66.1	-	52.5	57.0	54.9	57.3
2339	Women's and misses' outerwear, n e c .....	-	101.1	103.2	96.3	97.7	-	87.2	89.4	83.0	84.2
234	Women's and children's undergarments .....	111.1	110.1	113.7	111.7	114.1	95.8	94.6	98.1	96.5	98.5
2341	Women's and children's underwear .....	-	78.7	81.7	79.3	81.7	-	68.8	71.8	69.4	71.6
2342	Corsets and allied garments .....	-	31.4	32.0	32.4	32.5	-	25.8	26.3	27.1	26.9
235	Hats, caps, and millinery .....	-	16.3	16.2	15.4	16.3	-	14.3	14.3	13.7	14.4
236	Children's outerwear .....	74.3	72.3	72.6	75.4	75.8	65.5	63.5	64.1	67.2	67.4
2361	Children's dresses and blouses .....	-	30.9	31.0	31.5	31.4	-	28.1	28.2	28.6	28.5
237,8	Fur goods and miscellaneous apparel .....	-	67.5	71.1	67.1	70.7	-	57.4	60.6	57.1	60.6
239	Misc. fabricated textile products .....	172.8	171.0	173.3	162.4	170.6	145.8	143.9	146.5	136.5	143.9
2391,2	Housefurnishings .....	-	70.8	72.0	67.8	70.7	-	60.6	62.5	58.0	60.9
26	<b>PAPER AND ALLIED PRODUCTS.....</b>	704.7	704.5	711.5	680.2	697.0	547.4	546.2	551.1	521.8	537.4
261,2,6	Paper and pulp mills .....	205.8	207.4	209.6	205.0	207.3	159.6	160.7	162.8	158.7	160.8
263	Paperboard mills .....	70.8	70.7	71.1	70.0	70.9	57.5	56.8	57.3	55.7	56.7
264	Misc. converted paper products .....	201.3	199.6	201.7	190.7	196.6	150.3	148.0	148.8	138.2	143.8
2643	Bags, except textile bags .....	-	46.0	46.3	43.7	44.3	-	37.7	37.9	35.0	35.8
265	Paperboard containers and boxes .....	226.8	226.8	229.1	214.5	222.2	180.0	180.7	182.2	169.2	176.0
2651,2	Folding and setup paperboard boxes .....	-	61.3	62.6	60.6	61.4	-	50.6	51.6	49.4	50.3
2653	Corrugated and solid fiber boxes .....	-	112.5	113.2	105.4	109.4	-	87.0	87.1	80.7	83.9
2654	Sanitary food containers .....	-	31.5	31.7	29.2	30.8	-	25.6	25.9	23.6	25.1
27	<b>PRINTING AND PUBLISHING.....</b>	1,082.9	1,091.4	1,097.3	1,068.6	1,079.6	653.8	660.0	666.3	652.2	656.9
271	Newspapers .....	380.9	380.5	383.5	371.6	376.5	180.8	181.1	183.5	180.8	181.4
272	Periodicals .....	-	69.3	68.7	68.2	68.1	-	21.1	21.1	20.8	20.6
273	Books .....	-	98.9	98.8	99.1	99.1	-	55.0	54.7	55.4	55.4
275	Commercial printing .....	(*)	347.1	350.6	342.1	344.2	(*)	264.4	267.8	261.7	262.8
2751	Commercial printing, ex. lithographic .....	-	203.6	206.5	200.5	202.1	-	157.2	159.7	155.8	156.7
2752	Commercial printing, lithographic .....	-	132.6	133.2	131.0	131.3	-	99.2	100.0	98.0	98.1
278	Blankbooks and bookbinding .....	(*)	56.1	56.1	53.3	55.4	(*)	46.7	47.1	43.9	46.1
274,6,7,9	Other publishing & printing ind. ....	139.7	139.5	139.6	134.3	136.3	91.7	91.7	92.1	89.6	90.6
28	<b>CHEMICALS AND ALLIED PRODUCTS.....</b>	1,011.6	1,008.2	1,011.1	989.8	1,002.2	586.1	585.0	588.0	572.2	581.2
281	Industrial chemicals .....	302.1	303.7	304.6	303.5	302.3	162.1	164.1	165.0	166.5	164.0
2812	Alkalies and chlorine .....	-	21.3	21.3	21.8	21.4	-	14.7	14.7	14.8	14.6
2818	Industrial organic chemicals, n e c .....	-	123.4	124.0	121.1	121.9	-	53.5	54.1	54.7	54.0
2819	Industrial inorganic chemicals, n e c .....	-	96.8	96.9	96.7	96.5	-	55.0	55.1	55.1	54.5
282	Plastics materials and synthetics .....	222.9	221.5	221.6	212.2	217.3	153.0	151.7	151.6	143.6	148.0
2821	Plastics materials and resins .....	-	91.5	91.4	88.3	89.7	-	57.6	57.5	54.9	56.0
2823,4	Synthetic fibers .....	-	117.4	117.5	110.4	114.6	-	85.4	85.3	79.3	83.0
283	Drugs .....	149.1	147.9	148.0	146.7	147.1	73.4	73.6	73.6	72.0	72.6
2834	Pharmaceutical preparations .....	-	118.8	118.9	117.7	118.1	-	57.7	57.8	57.0	57.1
284	Soap, cleaners, and toilet goods .....	122.0	121.2	123.6	118.6	122.4	68.5	68.0	70.4	66.3	69.5
2841	Soap and other detergents .....	-	38.8	39.1	39.5	39.6	-	25.7	25.9	25.5	25.9
2844	Toilet preparations .....	-	48.8	51.3	47.5	50.4	-	25.2	27.6	25.1	27.2
285	Paints and allied products .....	68.8	68.6	68.9	67.0	69.2	37.9	37.7	38.2	36.2	38.3
287	Agricultural chemicals .....	54.7	52.9	52.0	50.4	52.0	34.4	32.6	31.7	31.5	32.0
2871,2	Fertilizers, complete & mixing only .....	-	36.1	35.5	34.9	35.8	-	24.5	24.0	24.0	24.4
286,9	Other chemical products .....	92.0	92.4	92.4	91.4	91.9	56.8	57.3	57.5	56.1	56.7
2892	Explosives .....	-	24.2	24.2	23.8	23.8	-	16.3	16.3	15.9	16.0
29	<b>PETROLEUM AND COAL PRODUCTS .....</b>	184.3	183.9	187.3	183.9	189.6	114.5	113.6	116.7	110.6	117.2
291	Petroleum refining .....	147.2	147.7	149.5	147.7	150.8	88.1	88.0	89.5	84.9	89.2
295,9	Other petroleum and coal products .....	(*)	36.2	37.8	36.2	38.8	(*)	25.6	27.2	25.7	28.1

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Nondurable Goods--Continued</i>											
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	664.8	659.1	660.5	596.4	627.0	523.7	518.7	519.7	462.2	489.3
301	Tires and inner tubes.....	133.3	132.5	132.7	124.6	128.2	95.6	95.1	94.8	88.5	91.0
302,3,6	Other rubber products.....	187.9	186.1	187.2	174.6	178.4	150.0	148.8	149.2	137.7	141.1
302	Rubber footwear.....	-	26.8	27.0	26.0	25.5	-	23.1	23.2	22.2	21.9
307	Miscellaneous plastics products.....	343.6	340.5	340.6	297.2	320.4	278.1	274.8	275.7	236.0	257.1
31	<b>LEATHER AND LEATHER PRODUCTS...</b>	295.2	293.7	300.1	300.4	304.4	252.8	251.3	257.3	256.6	261.2
311	Leather tanning and finishing.....	23.3	23.2	23.8	25.4	25.4	20.0	19.8	20.5	21.9	22.0
314	Footwear, except rubber.....	195.0	195.5	197.0	201.7	201.6	169.6	170.0	171.2	174.8	175.3
312,3,5-7,9	Other leather products.....	76.9	75.0	79.3	73.3	77.4	63.2	61.5	65.6	59.9	63.9
316	Luggage.....	-	15.7	16.7	15.0	16.6	-	11.9	12.7	11.3	12.7
317	Handbags and personal leather goods.....	-	34.3	36.1	33.0	34.9	-	29.0	30.8	28.0	29.6
-	<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>	4,522	4,513	4,558	4,393	4,495	3,897	3,892	3,937	3,795	3,883
40	<b>RAILROAD TRANSPORTATION.....</b>	-	553.2	563.3	567.0	574.5	-	-	-	-	-
4011	Class I railroads <sup>2</sup> .....	-	499.1	508.3	513.1	519.3	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT.....</b>	-	278.5	277.5	278.0	267.6	-	-	-	-	-
411	Local and suburban transportation.....	-	69.6	68.7	72.2	69.8	-	64.7	64.3	67.9	65.3
412	Taxicabs.....	-	102.0	101.6	105.7	100.0	-	-	-	-	-
413	Intercity highway transportation.....	-	39.9	40.6	41.4	41.3	-	36.3	36.9	37.7	37.6
42	<b>TRUCKING AND WAREHOUSING.....</b>	-	1,107.4	1,139.4	1,063.9	1,101.8	-	998.3	1,030.7	958.5	994.0
421,3	Trucking and trucking terminals.....	-	1,019.0	1,048.2	976.0	1,016.8	-	921.3	950.9	882.6	920.9
422	Public warehousing.....	-	88.4	91.2	87.9	85.0	-	77.0	79.8	75.9	73.1
45	<b>TRANSPORTATION BY AIR.....</b>	-	359.0	357.1	338.4	345.0	-	-	-	-	-
451,2	Air transportation.....	-	325.0	323.6	306.9	312.0	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION.....</b>	-	17.9	17.8	17.7	18.1	-	13.8	13.7	13.8	14.0
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	-	313.9	324.7	320.6	322.7	-	-	-	-	-
44	Water transportation.....	-	209.1	217.5	219.0	216.8	-	-	-	-	-
47	Transportation services.....	-	104.8	107.2	101.6	106.0	-	-	-	-	-
48	<b>COMMUNICATION.....</b>	-	1,156.6	1,152.3	1,108.8	1,146.0	-	895.2	890.2	862.7	890.6
481	Telephone communication.....	-	967.7	965.6	924.6	961.0	-	756.7	735.9	725.8	754.2
482	Telegraph communication <sup>3</sup> .....	-	(*)	26.1	28.0	26.1	-	(*)	17.9	19.4	17.8
483	Radio and television broadcasting.....	-	134.9	133.1	133.0	133.7	-	108.5	106.8	107.8	107.8
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	726.0	725.4	698.3	719.5	-	618.4	618.5	594.9	614.2
491	Electric companies and systems.....	-	313.8	311.8	299.3	307.8	-	267.8	266.3	255.5	262.9
492	Gas companies and systems.....	-	162.9	162.8	159.1	163.1	-	137.1	137.0	134.7	138.0
493	Combination companies and systems.....	-	191.5	193.1	185.1	191.5	-	163.3	165.0	156.7	163.4
494-7	Water, steam, & sanitary systems.....	-	57.8	57.7	54.8	57.1	-	50.2	50.2	48.0	50.0
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	15,712	15,815	16,669	15,237	15,683	13,925	14,027	14,877	13,504	13,923
50	<b>WHOLESALE TRADE.....</b>	11,752	3,967	3,998	3,822	3,918	10,617	3,314	3,351	3,188	3,278
501	Motor vehicles & automotive equipment.....	-	358.6	359.0	338.1	349.1	-	290.2	291.2	272.4	282.5
502	Drugs, chemicals, and allied products.....	-	227.3	228.5	224.1	226.8	-	185.0	185.9	180.5	183.9
503	Dry goods and apparel.....	-	160.2	162.6	154.2	157.9	-	125.9	127.9	120.8	124.0
504	Groceries and related products.....	-	564.5	582.1	546.4	568.7	-	492.9	510.9	476.3	497.8
506	Electrical goods.....	-	328.4	328.3	317.7	325.2	-	281.3	281.8	267.7	277.6
507	Hardware, plumbing & heating equipment.....	-	181.3	181.8	173.6	178.3	-	153.2	154.1	147.5	151.5
508	Machinery, equipment, and supplies.....	-	761.6	757.8	736.9	746.9	-	639.1	636.2	620.9	627.6
509	Miscellaneous wholesalers.....	-	1,278.3	1,288.1	1,228.1	1,260.9	-	1,058.4	1,070.9	1,016.3	1,046.9
52-59	<b>RETAIL TRADE.....</b>	3,690	11,848	12,671	11,415	11,765	3,308	10,713	11,526	10,316	10,645
53	<b>RETAIL GENERAL MERCHANDISE.....</b>	-	2,464.2	2,946.0	2,408.3	2,426.3	-	2,267.1	2,737.9	2,209.2	2,226.7
531	Department stores.....	-	1,629.6	1,968.1	1,587.8	1,594.1	-	1,502.0	1,836.8	1,460.6	1,467.7
532	Mail order houses.....	-	130.2	156.9	133.9	127.6	-	122.6	149.5	124.9	119.5
533	Variety stores.....	-	325.2	391.5	324.5	329.7	-	304.4	364.9	298.7	304.5
54	<b>FOOD STORES.....</b>	-	1,873.6	1,890.8	1,794.8	1,825.9	-	1,739.0	1,757.0	1,666.0	1,694.6
541-3	Grocery, meat, and vegetable stores.....	-	1,695.7	1,706.7	1,625.4	1,651.0	-	1,573.8	1,585.6	1,508.1	1,531.7

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 <sup>1</sup>				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
-	<b>WHOLESALE AND RETAIL TRADE (Continued)</b>										
56	APPAREL AND ACCESSORY STORES....	-	766.7	870.1	757.1	751.7	-	682.0	786.4	673.3	668.6
561	Men's & boys' clothing & furnishings.....	-	139.8	158.5	137.7	131.8	-	124.8	143.7	123.3	117.2
562	Women's ready-to-wear stores.....	-	290.2	328.7	286.6	287.2	-	259.0	298.5	255.2	257.3
565	Family clothing stores.....	-	108.5	131.2	104.7	105.1	-	101.7	123.9	97.6	97.7
566	Shoe stores.....	-	152.3	164.0	153.0	153.1	-	128.9	141.1	130.3	130.1
57	FURNITURE AND HOME FURNISHINGS STORES	-	482.0	497.6	465.2	472.8	-	418.6	433.7	402.1	410.0
571	Furniture and home furnishings.....	-	303.9	312.5	290.8	297.3	-	263.7	271.9	250.2	257.0
58	EATING AND DRINKING PLACES.....	-	2,605.9	2,700.3	2,492.2	2,684.1	-	2,441.2	2,536.2	2,332.1	2,517.3
52,55,59	OTHER RETAIL TRADE.....	-	3,655.4	3,766.3	3,497.1	3,604.3	-	3,164.6	3,274.6	3,033.1	3,127.5
52	Building materials and farm equipment....	-	578.4	594.3	554.0	584.4	-	495.7	511.3	474.3	502.9
55	Automotive dealers & service stations....	-	1,717.9	1,728.7	1,642.7	1,693.3	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	807.9	805.7	780.8	794.7	-	677.4	676.1	658.0	667.8
553,9	Other automotive & accessory dealers....	-	265.6	275.9	249.3	264.3	-	226.2	234.3	210.8	224.5
554	Gasoline service stations.....	-	644.4	647.1	612.6	634.3	-	-	-	-	-
59	Miscellaneous retail stores.....	-	1,359.1	1,443.3	1,300.4	1,326.6	-	-	-	-	-
591	Drug stores and proprietary stores.....	-	477.7	499.7	462.8	470.2	-	429.0	450.4	415.7	423.1
594	Book and stationery stores.....	-	68.4	70.5	66.4	65.8	-	59.7	61.6	57.2	56.7
596	Farm and garden supply stores.....	-	119.8	117.8	111.8	116.5	-	-	-	-	-
598	Fuel and ice dealers.....	-	111.7	110.1	111.4	104.2	-	96.8	95.3	97.1	89.6
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	3,976	3,956	3,971	3,828	3,927	3,088	3,072	3,095	2,996	3,072
60	Banking.....	-	1,126.6	1,125.7	1,082.4	1,105.2	-	907.7	910.8	879.3	895.6
61	Credit agencies other than banks.....	-	408.7	406.5	379.4	392.3	-	317.4	315.6	294.6	304.8
612	Savings and loan associations.....	-	138.2	136.4	121.0	128.7	-	111.7	110.9	97.4	104.1
614	Personal credit institutions.....	-	197.1	196.7	188.8	192.2	-	-	-	-	-
62	Security, commodity brokers & services....	-	194.5	195.0	196.1	197.8	-	163.2	163.8	166.3	167.0
63	Insurance carriers.....	-	1,116.6	1,115.7	1,088.2	1,104.1	-	764.8	766.3	751.4	760.1
631	Life insurance.....	-	569.4	570.2	564.4	567.7	-	331.2	332.0	331.5	331.6
632	Accident and health insurance.....	-	101.2	100.7	97.8	99.4	-	85.1	85.1	83.7	84.6
633	Fire, marine, and casualty insurance....	-	389.5	388.5	375.3	382.8	-	300.7	301.5	293.9	298.3
64	Insurance agents, brokers, and service....	-	291.9	293.5	283.4	289.2	-	-	-	-	-
65	Real estate.....	-	725.8	741.5	709.4	746.2	-	-	-	-	-
655	Subdividers and developers.....	-	113.1	118.9	109.7	125.1	-	-	-	-	-
656	Operative builders.....	-	55.0	58.3	54.7	59.4	-	-	-	-	-
66,67	Other finance, insurance, & real estate....	-	92.0	92.9	88.8	91.6	-	-	-	-	-
-	<b>SERVICES</b>	12,518	12,396	12,474	11,864	12,309	11,299	11,202	11,288	10,731	11,140
70	Hotels and other lodging places.....	-	803.0	814.0	769.7	849.0	-	-	-	-	-
701	Hotels, tourist courts, and motels.....	-	663.7	681.9	644.9	708.0	-	612.7	629.5	594.2	655.3
72	Personal services.....	-	896.6	909.8	911.2	913.0	-	-	-	-	-
721	Laundries and dry cleaning plants.....	-	421.0	424.7	447.5	438.3	-	381.5	384.8	404.3	397.3
722	Photographic studios.....	-	40.0	43.7	40.0	41.5	-	35.3	39.3	36.0	37.2
73	Miscellaneous business services.....	-	1,737.1	1,740.6	1,589.3	1,662.7	-	-	-	-	-
731	Advertising.....	-	116.1	116.8	113.2	115.6	-	-	-	-	-
732	Credit reporting and collection.....	-	81.3	82.5	77.0	79.8	-	-	-	-	-
734	Services to buildings.....	-	338.8	337.0	303.9	321.2	-	-	-	-	-
76	Miscellaneous repair services.....	-	192.0	193.9	182.0	187.4	-	-	-	-	-
78	Motion pictures.....	-	178.3	183.2	182.3	191.1	-	-	-	-	-
781	Motion picture filming & distributing....	-	52.2	52.8	52.2	51.4	-	36.0	36.8	31.9	33.8
782,3	Motion picture theaters and services....	-	126.1	130.4	130.1	139.7	-	-	-	-	-
80	Medical and other health services.....	-	3,545.7	3,524.8	3,344.9	3,441.5	-	-	-	-	-
806	Hospitals.....	-	2,044.4	2,039.1	1,986.4	2,017.5	-	1,865.1	1,862.5	1,815.5	1,843.6
81	Legal services.....	-	269.0	269.9	251.2	261.9	-	-	-	-	-
82	Educational services.....	-	1,207.7	1,242.8	1,173.1	1,166.8	-	-	-	-	-
821	Elementary and secondary schools.....	-	416.0	415.7	399.9	391.1	-	-	-	-	-
822	Colleges and universities.....	-	647.6	684.3	639.7	638.3	-	-	-	-	-
89	Miscellaneous services.....	-	731.0	722.3	684.5	704.1	-	-	-	-	-
891	Engineering & architectural services....	-	331.6	329.0	304.3	318.3	-	-	-	-	-
892	Nonprofit research agencies.....	-	113.8	113.2	108.6	111.7	-	-	-	-	-

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972
-	GOVERNMENT .....	13,708	13,557	13,707	13,178	13,290	-	-	-	-	-
91	FEDERAL GOVERNMENT <sup>5</sup> .....	2,619	2,619	2,671	2,654	2,650	-	-	-	-	-
	Executive .....	-	2,577.9	2,630.6	2,614.1	2,609.0	-	-	-	-	-
	Department of Defense .....	-	970.6	978.0	992.9	983.0	-	-	-	-	-
	Postal Service .....	-	662.7	704.5	706.0	688.3	-	-	-	-	-
	Other agencies .....	-	944.6	948.1	915.2	937.8	-	-	-	-	-
	Legislative .....	-	32.7	32.2	31.6	32.5	-	-	-	-	-
	Judicial .....	-	8.5	8.4	8.1	8.2	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	11,089	10,938	11,036	10,524	10,640	-	-	-	-	-
92	State government .....	-	2,894.2	2,943.5	2,815.2	2,848.4	-	-	-	-	-
	State education .....	-	1,236.1	1,288.5	1,206.6	1,188.4	-	-	-	-	-
	Other State government .....	-	1,658.1	1,655.0	1,608.6	1,660.0	-	-	-	-	-
93	Local government .....	-	8,043.4	8,092.3	7,708.7	7,791.2	-	-	-	-	-
	Local education .....	-	4,673.0	4,717.8	4,437.2	4,396.1	-	-	-	-	-
	Other local government .....	-	3,370.4	3,374.5	3,271.5	3,395.1	-	-	-	-	-

<sup>1</sup> 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.

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

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

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

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

<sup>p</sup> Not available.

p-preliminary.



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1972		1971		1970	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	<b>TOTAL</b> .....	27,223	37	26,198	37	26,006	37
-	<b>PRIVATE SECTOR</b> .....	21,464	36	20,715	36	20,682	36
-	<b>MINING</b> .....	37	6	37	6	37	6
10	METAL MINING .....	2.9	3	2.8	3	2.7	3
11,12	COAL MINING .....	2.2	1	2.4	2	2.4	2
13	<b>OIL AND GAS EXTRACTION</b> .....	26.2	10	26.5	10	27.0	10
131,2	Crude petroleum and natural gas fields .....	18.1	13	18.4	13	18.7	13
138	Oil and gas field services .....	8.2	7	8.2	7	8.4	7
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	5.2	5	5.2	5	5.2	5
142	Crushed and broken stone .....	1.8	5	1.9	5	1.9	5
144	Sand and gravel .....	1.7	4	1.6	4	1.5	4
-	<b>CONTRACT CONSTRUCTION</b> .....	188	5	176	5	169	5
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	55.0	5	50.6	5	47.1	5
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	31.9	4	29.4	4	29.0	4
161	Highway and street construction .....	11.4	3	10.7	3	10.8	3
162	Heavy construction, n e c .....	20.5	5	18.8	5	18.2	5
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	101.3	6	96.0	6	93.0	6
171	Plumbing, heating, air conditioning .....	32.3	7	30.3	7	28.9	7
172	Painting, paper hanging, decorating .....	8.0	6	8.0	7	7.5	6
173	Electrical work .....	16.4	5	15.5	5	14.8	5
174	Masonry, stonework, and plastering .....	8.4	4	8.2	4	8.2	4
176	Roofing and sheet metal work .....	7.0	6	6.7	6	7.2	6
-	<b>MANUFACTURING</b> .....	5,353	28	5,176	28	5,436	28
19,24,25,32-39	<b>DURABLE GOODS</b> .....	2,231	20	2,104	20	2,278	20
20-23,26-31	<b>NONDURABLE GOODS</b> .....	3,122	39	3,072	39	3,158	39
	<i>Durable Goods</i>						
19	<b>ORDNANCE AND ACCESSORIES</b> .....	42.8	23	44.4	23	61.4	25
192	Ammunition, except for small arms .....	30.7	24	32.9	25	45.6	27
1925	Complete guided missiles .....	15.6	17	15.0	17	17.8	18
1929	Ammunition, exc. for small arms, n e c .....	15.2	39	17.8	39	27.8	39
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	65.9	11	59.2	10	59.7	10
241	Logging camps, & logging contractors .....	2.7	4	2.7	4	3.2	4
242	Sawmills and planing mills .....	12.7	6	12.0	6	12.4	6
2421	Sawmills and planing mills, general .....	9.1	5	8.7	5	9.0	5
243	Millwork, plywood & related products .....	23.6	12	20.4	11	18.8	11
2431	Millwork .....	12.5	14	11.0	14	9.9	14
2432	Veneer and plywood .....	8.3	10	7.2	10	7.0	10
244	Wooden containers .....	5.5	20	5.7	20	6.3	19
2441,2	Wooden boxes, shooks, and crates .....	4.5	20	4.6	20	5.3	20
249	Miscellaneous wood products .....	21.4	23	18.5	22	19.0	22
25	<b>FURNITURE AND FIXTURES</b> .....	126.9	26	114.1	25	111.9	24
251	Household furniture .....	100.5	28	89.0	27	85.1	27
2511	Wood household furniture .....	45.8	26	40.1	24	38.0	24
2512	Upholstered household furniture .....	31.9	32	27.7	31	26.4	30
2515	Mattresses and bedsprings .....	11.0	29	10.8	29	10.7	29
252	Office furniture .....	6.7	17	5.8	16	6.2	16
254	Partitions and fixtures .....	6.3	12	5.9	12	6.0	12
253,9	Other furniture and fixtures .....	13.3	28	13.4	28	14.5	29
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	108.9	17	102.2	16	106.3	17
321	Flat glass .....	1.7	7	1.7	7	1.6	7
322	Glass and glassware, pressed or blown .....	44.7	33	42.0	33	44.4	34
3221	Glass containers .....	27.5	36	26.6	36	28.4	37
3229	Pressed and blown glass n e c .....	17.2	30	15.4	29	16.0	29
324	Cement, hydraulic .....	1.2	4	1.2	4	1.3	4
325	Structural clay products .....	6.9	12	6.7	12	6.7	11
3251	Brick and structural clay tile .....	1.3	5	1.2	5	1.3	5
326	Pottery and related products .....	14.4	33	13.3	32	14.1	32
327	Concrete, gypsum, and plaster products .....	11.4	6	11.0	6	11.1	6
328,9	Other stone and nonmetallic mineral products .....	20.0	15	18.4	14	19.1	14
3291	Abrasive products .....	5.3	20	4.9	20	5.2	20

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

SIC Code	Industry	1972		1971		1970	
		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	<b>PRIMARY METAL INDUSTRIES.</b>	88.0	7	87.3	7	93.4	7
331	Blast furnace and basic steel products	25.6	4	26.9	5	29.0	5
3312	Blast furnaces and steel mills	18.8	4	20.1	4	21.9	4
332	Iron and steel foundries	10.2	5	10.7	5	11.9	5
3321	Gray iron foundries	5.4	4	5.4	4	6.1	4
3322	Malleable iron foundries	1.0	4	1.0	4	1.1	5
3323	Steel foundries	3.8	7	4.3	7	4.7	7
333,4	Nonferrous metals	3.3	4	3.5	4	3.9	4
3334	Primary aluminum	.7	2	.8	3	.9	3
335	Nonferrous rolling and drawing	32.4	16	31.1	15	31.7	15
3351	Copper rolling and drawing	3.0	8	3.2	8	3.6	8
3352	Aluminum rolling and drawing	6.8	10	6.8	10	7.0	10
3357	Nonferrous wire drawing and insulating	19.6	25	18.3	24	17.6	23
336	Nonferrous foundries	11.7	14	10.4	14	11.4	14
3361	Aluminum castings	4.9	11	4.4	11	4.7	11
3362,9	Other nonferrous castings	6.9	17	6.0	16	6.7	17
339	Miscellaneous primary metal products	4.8	7	4.8	7	5.4	7
3391	Iron and steel forgings	2.4	5	2.6	6	2.9	6
34	<b>FABRICATED METAL PRODUCTS</b>	251.9	18	238.7	18	250.3	18
341	Metal cans	11.4	17	11.8	17	12.1	16
342	Cutlery, hand tools, and hardware	50.3	32	47.2	32	48.3	32
3421,3,5	Cutlery and hand tools, incl. saws	17.8	27	16.3	26	16.6	26
3429	Hardware, n e c	32.6	36	30.9	36	31.7	36
343	Plumbing and heating, except electric	13.6	17	12.8	17	13.2	16
3431,2	Sanitary ware & plumbers' brass goods	7.3	19	6.9	19	7.0	19
3433	Heating equipment, except electric	6.3	15	5.9	15	6.2	14
344	Fabricated structural metal products	48.1	11	44.5	11	43.3	10
3441	Fabricated structural steel	5.4	5	5.5	5	5.7	5
3442	Metal doors, sash, and trim	18.1	24	15.7	22	14.5	22
3443	Fabricated plate work (boiler shops)	8.2	7	7.9	7	8.0	7
3444	Sheet metal work	11.0	13	10.4	13	10.4	13
3446,9	Architectural and misc. metal work	5.5	10	5.1	10	4.7	9
345	Screw machine products, bolts, etc.	19.8	20	18.5	20	22.0	21
3451	Screw machine products	9.7	23	8.7	22	10.8	24
3452	Bolts, nuts, rivets, and washers	10.0	18	9.8	19	11.2	19
346	Metal stampings	48.1	21	46.6	20	49.3	21
347	Metal services, n e c	16.7	19	15.3	19	16.9	20
348	Misc. fabricated wire products	17.2	26	16.1	25	16.4	25
349	Misc. fabricated metal products	26.7	17	25.8	17	28.8	18
3494,8	Valves, pipe, and pipe fittings	16.5	17	15.6	17	16.3	17
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	276.1	15	263.7	15	295.8	15
351	Engines and turbines	15.6	14	15.3	14	15.2	14
3511	Steam engines and turbines	5.1	12	5.0	11	4.7	12
3519	Internal combustion engines, n e c	10.5	16	10.4	15	10.5	15
352	Farm machinery	13.4	10	12.6	10	13.2	10
353	Construction and related machinery	26.1	9	26.0	9	27.5	9
3531,2	Construction and mining machinery	12.2	8	12.2	8	12.7	8
3533	Oil field machinery	4.3	9	4.1	9	4.4	10
3535,6	Conveyors, hoists, cranes, monorails	4.3	11	4.2	11	4.5	11
3537	Industrial trucks and tractors	2.5	8	2.6	9	3.1	9
354	Metal working machinery	34.3	12	32.2	12	37.0	12
3541	Machine tools, metal cutting types	5.7	10	5.4	10	6.8	10
3544	Special dies, tools, jigs & fixtures	8.5	8	8.0	8	8.8	7
3545	Machine tool accessories	9.1	19	8.6	18	10.4	19
3542,8	Misc. metal working machinery	11.1	16	10.1	15	11.1	15
355	Special industry machinery	21.9	12	21.4	12	23.7	12
3551	Food products machinery	4.5	12	4.5	12	5.0	12
3552	Textile machinery	5.4	15	4.9	14	5.1	13
3555	Printing trades machinery	3.2	12	3.6	13	4.2	13
356	General industrial machinery	42.5	16	40.2	16	45.4	16
3561	Pumps and compressors	10.1	13	9.7	13	10.3	13
3562	Ball and roller bearings	11.5	22	10.9	21	13.5	22
3564	Blowers and fans	6.1	18	6.0	19	6.4	19
3566	Power transmission equipment	6.3	13	5.8	13	6.5	13
357	Office and computing machines	66.4	27	65.0	26	77.5	27
3573	Electronic computing equipment	45.6	27	43.6	25	51.1	27
358	Service industry machines	26.0	17	23.3	17	24.8	17
3585	Refrigeration machinery	15.3	15	13.7	15	14.7	15
359	Misc. machinery, except electrical	30.0	14	27.6	14	31.5	15

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1972		1971		1970	
		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	<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	730.4	40	682.1	39	751.1	39
361	Electrical test & distributing equipment . . . . .	63.5	33	57.2	31	65.2	32
3611	Electric measuring instruments . . . . .	27.9	42	25.0	41	28.7	42
3612	Transformers . . . . .	14.3	27	12.0	23	13.8	25
3613	Switchgear and switchboard apparatus . . . . .	21.3	29	20.2	27	22.6	28
362	Electrical industrial apparatus . . . . .	70.7	34	63.5	32	70.7	33
3621	Motors and generators . . . . .	38.3	34	34.4	32	38.3	32
3622	Industrial controls . . . . .	23.4	40	20.6	38	22.2	38
363	Household appliances . . . . .	51.7	26	46.0	25	47.8	26
3632	Household refrigerators and freezers . . . . .	11.0	18	10.1	18	10.2	17
3633	Household laundry equipment . . . . .	4.6	16	4.2	16	4.3	17
3634	Electric housewares and fans . . . . .	24.4	48	21.8	47	23.5	50
364	Electric lighting and wiring equipment . . . . .	86.9	43	79.1	42	84.3	43
3641	Electric lamps . . . . .	23.4	64	23.3	64	24.2	64
3642	Lighting fixtures . . . . .	23.0	34	20.7	33	21.3	33
3643,4	Wiring devices . . . . .	40.5	41	35.1	40	38.9	41
365	Radio and TV receiving equipment . . . . .	75.0	54	69.9	53	70.9	53
366	Communication equipment . . . . .	154.0	36	158.7	36	179.5	36
3661	Telephone and telegraph apparatus . . . . .	66.9	45	72.2	46	76.8	47
3662	Radio and TV communication equipment . . . . .	87.1	31	86.5	30	102.7	30
367	Electronic components and accessories . . . . .	186.9	55	169.6	53	195.0	53
3671-3	Electron tubes . . . . .	22.8	45	23.8	46	26.9	45
3674,9	Other electronic components . . . . .	164.1	57	145.8	54	168.1	55
369	Misc. electrical equipment & supplies . . . . .	41.6	34	38.2	33	37.7	32
3694	Engine electrical equipment . . . . .	24.0	36	20.9	35	20.2	34
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	181.7	10	175.5	10	193.3	11
371	Motor vehicles and equipment . . . . .	75.7	9	72.6	9	70.7	9
3711	Motor vehicles . . . . .	26.1	7	24.5	7	23.2	7
3712	Passenger car bodies . . . . .	2.2	5	1.9	4	1.6	3
3713	Truck and bus bodies . . . . .	2.7	7	2.5	7	2.6	7
3714	Motor vehicle parts and accessories . . . . .	43.5	12	42.4	12	42.0	12
3715	Truck trailers . . . . .	1.2	5	1.2	5	1.3	5
372	Aircraft and parts . . . . .	69.3	14	72.3	14	94.6	14
3721	Aircraft . . . . .	38.4	14	40.0	14	53.8	15
3722	Aircraft engines and engine parts . . . . .	17.5	13	19.2	13	23.9	13
3723,9	Other aircraft parts and equipment . . . . .	13.4	15	13.2	14	16.9	14
373	Ship and boat building and repairing . . . . .	11.4	6	9.8	6	9.2	5
3731	Ship building and repairing . . . . .	6.6	5	5.7	4	5.7	4
3732	Boat building and repairing . . . . .	4.9	11	4.1	11	3.6	10
374	Railroad equipment . . . . .	3.8	7	3.7	7	3.6	7
375,9	Other transportation equipment . . . . .	21.5	14	17.0	13	15.2	14
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . . . .</b>	171.0	38	157.8	36	167.2	36
381	Engineering & scientific instruments . . . . .	16.3	25	15.0	24	17.7	25
382	Mechanical measuring & control devices . . . . .	39.1	38	36.3	36	39.5	36
3821	Mechanical measuring devices . . . . .	21.5	33	20.2	31	21.8	31
3822	Automatic temperature controls . . . . .	17.5	46	16.1	44	17.7	45
383,5	Optical and ophthalmic goods . . . . .	23.9	44	20.9	42	21.7	41
385	Ophthalmic goods . . . . .	19.5	51	16.7	48	16.8	48
384	Medical instruments and supplies . . . . .	44.2	49	40.7	48	41.1	49
386	Photographic equipment and supplies . . . . .	28.2	25	27.1	25	28.3	25
387	Watches, clocks, and watchcases . . . . .	19.3	63	17.8	62	19.0	61
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES . . . . .</b>	187.4	44	179.1	44	187.7	42
391	Jewelry, silverware, and plated ware . . . . .	21.6	41	19.8	40	20.3	40
394	Toys and sporting goods . . . . .	61.1	51	58.2	51	60.7	52
3941-3	Games, toys, dolls, & play vehicles . . . . .	35.4	54	34.8	55	38.3	57
3949	Sporting and athletic goods, n e c . . . . .	25.7	47	23.4	46	22.4	45
395	Pens, pencils, office and art supplies . . . . .	17.2	51	16.4	51	17.9	53
396	Costume jewelry and notions . . . . .	28.1	52	29.8	54	33.6	56
393,9	Other manufacturing industries . . . . .	59.5	36	55.1	55	55.1	34
393	Musical instruments and parts . . . . .	9.9	42	8.2	38	7.9	36
	<i>Nondurable Goods</i>						
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	451.7	26	452.1	26	461.3	26
201	Meat products . . . . .	98.4	29	96.9	28	98.2	29
2011	Meat packing plants . . . . .	24.5	14	25.2	14	25.3	14
2013	Sausages and other prepared meats . . . . .	17.6	29	18.1	29	17.5	29
2015	Poultry dressing plants . . . . .	56.4	54	53.7	54	55.4	55
202	Dairy products . . . . .	37.7	17	38.4	17	39.6	16
2024	Ice cream and frozen desserts . . . . .	5.4	23	5.6	23	6.0	23

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

SIC Code	Industry	1972		1971		1970	
		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>						
	<b>FOOD AND KINDRED PRODUCTS-- Continued</b>						
2026	Fluid milk . . . . .	22.1	14	22.5	14	23.4	14
203	Canned, cured, and frozen foods . . . . .	119.4	42	123.8	43	124.3	43
2031,6	Canned, cured, and frozen sea foods . . . . .	25.7	59	25.3	60	26.4	60
2032,3	Canned food, except sea foods . . . . .	48.8	35	52.8	37	50.1	36
2037	Frozen fruits and vegetables . . . . .	32.3	48	31.8	49	33.7	50
204	Grain mill products . . . . .	19.9	15	19.6	15	19.3	14
2041	Flour and other grain mill products . . . . .	3.4	12	3.1	11	3.1	11
2042	Prepared feeds for animals and fowls . . . . .	9.5	14	9.2	14	8.7	13
205	Bakery products . . . . .	66.8	25	65.7	24	68.7	25
2051	Bread, cake, and related products . . . . .	46.2	20	45.2	20	47.4	21
2052	Cookies and crackers . . . . .	20.6	47	20.6	47	21.2	47
206	Sugar . . . . .	3.5	9	3.3	9	3.2	9
207	Confectionery and related products . . . . .	38.9	49	37.9	48	40.4	49
2071	Confectionery products . . . . .	31.7	52	31.4	50	34.1	51
208	Beverages . . . . .	30.3	13	29.6	13	30.0	13
2082	Malt liquors . . . . .	3.7	7	3.7	6	3.9	7
2086	Bottled and canned soft drinks . . . . .	12.5	10	12.3	10	12.4	9
209	Misc. foods and kindred products . . . . .	36.8	25	36.8	25	37.6	25
21	<b>TOBACCO MANUFACTURES . . . . .</b>	30.8	43	33.0	43	37.7	45
211	Cigarettes . . . . .	14.5	34	13.7	33	15.4	35
212	Cigars . . . . .	9.7	70	10.7	69	12.3	70
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	456.0	46	437.4	46	447.7	46
221	Weaving mills, cotton . . . . .	82.8	41	82.7	41	88.4	41
222	Weaving mills, synthetics . . . . .	39.9	38	36.9	36	36.5	36
223	Weaving and finishing mills, wool . . . . .	10.1	36	10.2	36	13.7	37
224	Narrow fabric mills . . . . .	17.6	59	17.3	59	17.5	59
225	Knitting mills . . . . .	172.7	65	165.2	65	167.1	67
2251	Women's hosiery, except socks . . . . .	42.6	77	44.7	78	54.2	78
2252	Hosiery, n e c . . . . .	25.5	72	25.1	73	26.3	73
2253	Knit underwear mills . . . . .	54.9	71	50.6	72	48.2	72
2254	Knit underwear mills . . . . .	25.0	70	23.4	70	21.6	70
226	Textile finishing, except wool . . . . .	22.8	27	21.2	27	21.9	27
227	Floor covering mills . . . . .	21.7	35	20.5	36	20.2	35
228	Yarn and thread mills . . . . .	67.8	48	63.6	47	61.4	47
229	Miscellaneous textile goods . . . . .	20.5	28	19.9	28	21.2	28
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS . . . . .</b>	1,078.0	81	1,079.3	81	1,102.5	81
231	Men's and boys' suits and coats . . . . .	79.2	74	79.5	74	86.7	73
232	Men's and boys' furnishings . . . . .	322.5	84	317.0	84	314.6	84
2321	Men's and boys' shirts and nightwear . . . . .	103.6	87	101.8	88	105.0	88
2327	Men's and boys' separate trousers . . . . .	68.6	81	70.9	81	68.3	82
2328	Men's and boys' work clothing . . . . .	72.2	84	68.4	84	67.6	83
233	Women's and misses' outerwear . . . . .	338.3	85	349.7	85	361.0	85
2331	Women's and misses' blouses and waists . . . . .	37.1	88	39.5	88	42.5	88
2335	Women's and misses' dresses . . . . .	165.9	87	174.7	87	178.1	87
2337	Women's and misses' suits and coats . . . . .	51.7	78	55.3	78	59.7	77
2339	Women's and misses' outerwear, n e c . . . . .	83.6	86	80.2	85	80.8	86
234	Women's and children's undergarments . . . . .	99.7	87	99.0	87	101.0	87
2341	Women's and children's underwear . . . . .	72.0	88	71.4	88	71.8	88
2342	Corsets and allied garments . . . . .	27.7	85	27.6	85	29.1	85
235	Hats, caps, and millinery . . . . .	11.2	69	11.0	71	13.1	71
236	Children's outerwear . . . . .	65.6	87	66.7	87	65.2	87
2361	Children's dresses and blouses . . . . .	28.1	89	29.8	89	30.2	89
237,8	Fur goods and miscellaneous apparel . . . . .	53.5	76	53.4	75	55.9	75
239	Misc. fabricated textile products . . . . .	108.0	63	102.9	64	105.1	65
2391,2	Housefurnishings . . . . .	50.2	71	48.1	72	47.9	73
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	142.2	20	141.4	21	149.6	21
261,2,6	Paper and pulp mills . . . . .	21.3	10	22.1	11	23.9	11
263	Paperboard mills . . . . .	5.2	7	5.3	8	5.6	8
264	Misc. converted paper products . . . . .	66.1	34	64.8	34	66.2	35
2643	Bags, except textile bags . . . . .	14.3	32	14.2	32	14.6	33
265	Paperboard containers and boxes . . . . .	49.6	22	49.2	23	53.8	24
2651,2	Folding and setup paperboard boxes . . . . .	19.6	32	20.4	33	23.0	34
2653	Corrugated and solid fiber boxes . . . . .	14.7	13	14.4	14	15.6	15
2654	Sanitary food containers . . . . .	9.9	32	9.5	31	10.2	32

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1972		1971		1970	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nonurable Goods--Continued</i>						
27	<b>PRINTING AND PUBLISHING</b> .....	355.9	33	346.7	32	356.4	32
271	Newspapers.....	103.5	27	98.9	27	97.5	26
272	Periodicals.....	33.4	49	33.5	48	36.1	48
273	Books.....	48.0	48	46.7	48	47.9	48
275	Commercial printing.....	94.3	27	93.2	27	96.8	27
2751	Commercial printing, ex. lithographic.....	56.1	28	55.6	27	58.7	28
2752	Commercial printing, lithographic.....	34.9	27	34.2	26	34.6	27
278	Blankbooks and bookbinding.....	27.9	50	27.3	50	28.7	51
274,6,7,9	Other publishing & printing ind.....	48.9	36	47.1	35	49.4	35
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	206.6	21	205.5	20	215.6	21
281	Industrial chemicals.....	33.4	11	33.7	11	35.4	11
2812	Alkalies and chlorines.....	1.7	8	1.7	8	1.8	8
2818	Industrial organic chemicals, n e c.....	15.7	13	16.0	13	17.7	13
2819	Industrial inorganic chemicals, n e c.....	10.1	10	10.0	10	9.8	10
282	Plastics materials and synthetics.....	38.7	18	36.0	17	36.1	17
2821	Plastics materials and resins.....	8.2	9	8.1	9	8.6	9
2823,4	Synthetic fibers.....	29.5	26	26.8	25	26.5	24
283	Drugs.....	57.1	39	57.1	39	57.7	39
2834	Pharmaceutical preparations.....	47.8	40	48.2	41	48.4	42
284	Soap, cleaners, and toilet goods.....	44.9	37	44.8	37	47.4	37
2841	Soap and other detergents.....	8.9	22	8.9	22	9.2	22
2844	Toilet preparations.....	26.4	52	26.5	52	28.7	54
285	Paints and allied products.....	10.8	16	10.9	16	11.0	16
287	Agricultural chemicals.....	5.5	11	5.5	11	5.7	10
2871,2	Fertilizers, complete & mixing only.....	2.8	8	2.8	8	3.1	8
286,9	Other chemical products.....	16.3	18	17.5	18	22.3	20
2892	Explosives.....	4.2	18	5.3	20	8.6	24
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	17.2	9	17.2	9	17.7	9
291	Petroleum refining.....	13.0	9	13.1	9	13.6	9
295,9	Other petroleum and coal products.....	4.2	11	4.1	11	4.1	11
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	204.0	33	184.0	32	185.0	32
301	Tires and inner tubes.....	11.7	9	11.1	9	11.7	10
302,3,6	Other rubber products.....	61.3	34	57.4	34	57.7	34
302	Rubber footwear.....	14.9	58	14.7	58	13.9	57
307	Miscellaneous plastics products.....	130.9	41	115.5	40	115.5	40
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	179.5	59	175.6	58	184.6	58
311	Leather tanning and finishing.....	3.6	14	3.5	14	3.6	14
314	Footwear, except rubber.....	129.7	64	128.5	64	134.9	63
312,3,5-7,9	Other leather products.....	46.2	60	43.5	58	46.0	57
316	Luggage.....	8.9	54	8.4	52	9.0	50
317	Handbags and personal leather goods.....	24.4	70	22.8	68	23.1	68
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	939	21	940	21	951	21
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	33.6	13	30.9	11	29.3	10
411	Local and suburban transportation.....	5.0	7	4.8	7	4.8	6
412	Taxicabs.....	4.8	5	4.9	5	5.0	5
413	Intercity highway transportation.....	3.8	9	4.0	9	4.2	10
42	<b>TRUCKING AND WAREHOUSING</b> .....	100.8	9	97.5	9	98.0	9
421,3	Trucking and trucking terminals.....	88.5	9	85.8	9	86.6	9
422	Public warehousing.....	12.4	15	11.6	13	11.4	13
45	<b>TRANSPORTATION BY AIR</b> .....	87.5	25	86.8	25	89.5	25
451,2	Air transportation.....	84.0	27	83.6	27	86.6	27
46	<b>PIPE LINE TRANSPORTATION</b> .....	1.3	7	1.4	8	1.4	8
44	<b>WATER TRANSPORTATION</b> .....	14.8	7	14.5	7	15.6	7
47	<b>TRANSPORTATION SERVICES</b> .....	23.6	22	24.0	22	23.9	22
48	<b>COMMUNICATION</b> .....	543.2	47	551.7	49	558.4	50
481	Telephone communication.....	496.7	52	506.4	54	513.5	55
483	Radio and television broadcasting.....	32.5	24	32.2	24	31.1	23
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	107.8	15	104.7	15	104.0	15
491	Electric companies and systems.....	45.3	15	43.7	15	43.0	15
492	Gas companies and systems.....	27.4	17	26.8	17	27.5	17

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

SIC Code	Industry	1972		1971		1970	
		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>							
<b>ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd</b>							
493	Combination companies and systems . . . . .	27.6	14	27.1	14	26.6	14
494-7	Water, steam, & sanitary systems . . . . .	7.5	13	7.1	13	7.0	13
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>							
<b>WHOLESALE TRADE . . . . .</b>							
50	Motor vehicles & automotive equipment . . . . .	893	23	867	23	876	23
501	Drugs, chemicals, and allied products . . . . .	67.7	19	64.4	19	62.3	19
502	Dry goods and apparel . . . . .	78.2	34	79.5	35	80.9	35
503	Groceries and related products . . . . .	73.8	47	71.5	47	71.4	47
504	Electrical goods . . . . .	122.0	21	116.1	21	119.3	22
506	Hardware; plumbing & heating equipment . . . . .	77.7	24	76.7	24	76.0	24
507	Machinery, equipment, and supplies . . . . .	41.9	23	39.4	23	39.2	23
508	Miscellaneous wholesalers . . . . .	136.8	18	131.3	18	135.8	18
509		273.2	22	268.7	22	272.0	22
<b>RETAIL TRADE . . . . .</b>							
52-59	RETAIL GENERAL MERCHANDISE . . . . .	5,329	45	5,138	45	5,060	46
53	Department stores . . . . .	1,651.6	68	1,623.2	69	1,591.7	69
531	Mail order houses . . . . .	1,098.5	69	1,068.5	69	1,050.1	69
532	Variety stores . . . . .	77.2	61	78.8	61	82.2	61
533	Food stores . . . . .	246.2	75	252.0	79	246.8	79
54	Grocery, meat, and vegetables stores . . . . .	663.5	36	624.0	36	608.8	35
541-3	Apparel and accessory stores . . . . .	555.4	34	520.3	33	508.2	33
56	Men's & boys' clothing & furnishings . . . . .	495.6	66	490.9	66	483.6	66
561	Women's ready-to-wear stores . . . . .	52.9	40	54.0	41	54.9	42
562	Family clothing stores . . . . .	254.2	89	247.7	88	240.8	88
565	Shoe stores . . . . .	71.5	68	73.0	68	75.1	70
566	Furniture and home furnishings stores . . . . .	59.5	39	58.4	38	55.6	38
57	Furniture and home furnishings . . . . .	137.6	29	134.7	30	136.2	30
571	Eating and drinking places . . . . .	91.0	31	89.1	31	88.6	31
58	Other retail trade . . . . .	1,469.7	55	1,404.8	55	1,399.8	56
52,55,59	Building materials and farm equipment . . . . .	910.8	25	860.5	25	839.7	25
52	Automotive dealers & service stations . . . . .	97.9	17	91.9	17	89.9	17
55	Motor vehicle dealers . . . . .	208.2	12	192.1	12	188.5	12
551,2	Other automotive & accessory dealers . . . . .	92.2	12	86.4	11	85.9	11
553,9	Miscellaneous retail stores . . . . .	37.4	14	34.4	14	32.6	14
59	Drug stores and proprietary stores . . . . .	604.7	46	576.5	45	561.4	45
591	Book and stationery stores . . . . .	287.5	61	277.9	61	276.3	61
594	Farm and garden supply stores . . . . .	30.5	46	30.1	46	29.6	45
596	Fuel and ice dealers . . . . .	23.9	21	22.5	20	20.9	19
598		18.0	17	18.0	17	18.2	17
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>							
60	Banking . . . . .	2,034	52	1,963	52	1,910	52
61	Credit agencies other than banks . . . . .	703.0	64	681.3	63	661.8	63
612	Savings and loan associations . . . . .	222.3	57	205.8	56	199.9	55
614	Personal credit institutions . . . . .	86.7	67	75.6	66	70.2	66
62	Security, commodity brokers & services . . . . .	93.2	48	90.9	48	91.9	48
63	Insurance carriers . . . . .	69.4	35	67.1	34	70.8	35
631	Life insurance . . . . .	570.7	52	560.7	52	544.4	52
632	Accident and health insurance . . . . .	250.8	44	251.2	45	242.2	44
633	Fire, marine, and casualty insurance . . . . .	69.8	70	68.8	71	67.1	72
64	Insurance agents, brokers, and service . . . . .	216.7	57	211.6	57	208.9	57
65	Real estate . . . . .	169.7	59	161.1	58	157.5	57
655	Subdividers and developers . . . . .	251.6	34	242.9	34	233.1	35
656	Operative builders . . . . .	24.5	20	22.6	20	20.2	21
66,67	Other finance, insurance, & real estate . . . . .	9.1	15	9.1	17	8.1	18
		47.0	51	43.9	50	42.7	50
<b>SERVICES . . . . .</b>							
<b>Hotels and other lodging places:</b>							
701	Hotels, tourist courts, and motels . . . . .	6,692	54	6,417	54	6,242	54
72	Personal services . . . . .	368.7	52	358.3	52	349.8	51
721	Laundries and dry cleaning plants . . . . .	562.7	62	571.6	61	608.7	62
722	Photographic studios . . . . .	283.5	65	304.5	65	331.4	66
		26.6	64	24.2	60	23.6	58

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1972		1971		1970	
		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>						
	<b>SERVICES - Continued</b>						
73	Miscellaneous business services . . . . .	568.0	34	530.0	33	536.8	34
731	Advertising . . . . .	49.5	43	49.0	42	52.0	42
732	Credit reporting and collection . . . . .	56.4	71	54.8	71	55.4	71
734	Services to buildings . . . . .	109.6	34	98.8	33	94.2	32
76	Miscellaneous repair services . . . . .	28.2	15	26.6	14	27.3	15
78	Motion pictures . . . . .	70.9	37	72.4	37	71.3	35
781	Motion picture filming & distributing . . . . .	17.3	34	17.8	34	18.1	31
782,3	Motion picture theaters and services . . . . .	53.6	38	54.6	38	53.2	37
80	Medical and other health services . . . . .	2,766.9	80	2,632.1	81	2,476.7	81
806	Hospitals . . . . .	1,615.3	80	1,582.3	81	1,516.2	81
81	Legal services . . . . .	164.8	63	154.1	63	148.0	63
82	Educational services . . . . .	556.8	48	532.1	47	532.4	47
821	Elementary and secondary schools . . . . .	234.6	60	224.6	59	226.5	60
822	Colleges and universities . . . . .	261.9	41	252.0	40	254.5	40
89	Miscellaneous services . . . . .	174.7	25	163.3	24	159.8	24
891	Engineering & architectural services . . . . .	46.4	15	44.1	15	44.9	15
892	Nonprofit research agencies . . . . .	34.7	31	31.6	30	31.2	30
-	<b>GOVERNMENT. . . . .</b>	5,759	43	5,483	43	5,325	42
91	<b>FEDERAL GOVERNMENT . . . . .</b>	738	28	707	27	717	27
92,93	<b>STATE AND LOCAL GOVERNMENT. . . . .</b>	5,021	47	4,776	47	4,608	47
92	State government . . . . .	1,198.8	42	1,131.8	41	1,098.8	41
	State education . . . . .	498.5	42	463.8	40	439.8	40
	Other State government . . . . .	700.4	42	668.0	42	659.0	42
93	Local government . . . . .	3,822.6	49	3,643.9	49	3,509.0	49
	Local education . . . . .	2,728.7	62	2,590.7	62	2,484.5	62
	Other local government . . . . .	1,093.9	32	1,053.2	32	1,024.5	32





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

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

Industry division and group	1973		1972										
	Feb. P	Jan. P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>TOTAL</b> .....	74,596	74,155	74,026	73,899	73,589	73,176	72,984	72,661	72,699	72,592	72,246	72,011	71,744
<b>GOODS-PRODUCING</b> .....	23,743	23,566	23,478	23,457	23,397	23,186	23,076	22,949	23,081	23,031	22,888	22,811	22,719
<b>MINING</b> .....	614	611	607	609	610	606	602	599	600	604	605	614	613
<b>CONTRACT CONSTRUCTION</b> .....	3,579	3,489	3,452	3,524	3,568	3,551	3,544	3,489	3,550	3,535	3,493	3,512	3,494
<b>MANUFACTURING</b> .....	19,550	19,466	19,419	19,324	19,219	19,029	18,930	18,861	18,931	18,892	18,790	18,685	18,612
<b>DURABLE GOODS</b> .....	11,396	11,323	11,281	11,203	11,127	10,907	10,897	10,843	10,857	10,837	10,755	10,673	10,621
Ordnance and accessories .....	201	197	197	197	191	188	192	190	188	186	185	182	182
Lumber and wood products .....	629	623	623	622	616	613	613	613	611	610	610	606	604
Furniture and fixtures .....	516	513	508	505	503	499	497	494	490	488	486	483	481
Stone, clay, and glass products .....	679	671	672	673	673	664	663	660	662	660	651	650	646
Primary metal industries .....	1,279	1,285	1,284	1,280	1,279	1,268	1,236	1,214	1,222	1,228	1,215	1,209	1,190
Fabricated metal products .....	1,433	1,420	1,408	1,400	1,392	1,380	1,376	1,370	1,373	1,370	1,360	1,347	1,341
Machinery, except electrical .....	1,972	1,963	1,956	1,934	1,915	1,881	1,868	1,855	1,858	1,848	1,824	1,814	1,815
Electrical equipment .....	1,938	1,922	1,912	1,890	1,882	1,847	1,830	1,826	1,830	1,818	1,805	1,795	1,786
Transportation equipment .....	1,831	1,817	1,815	1,801	1,782	1,743	1,736	1,743	1,740	1,754	1,747	1,720	1,712
Instruments and related products .....	480	476	472	470	466	462	460	456	457	452	447	444	443
Miscellaneous manufacturing .....	438	436	434	431	428	425	426	422	426	423	425	423	421
<b>NONDURABLE GOODS</b> .....	8,154	8,143	8,138	8,121	8,092	8,059	8,033	8,018	8,074	8,055	8,035	8,012	7,991
Food and kindred products .....	1,749	1,754	1,743	1,741	1,742	1,745	1,738	1,757	1,771	1,755	1,756	1,759	1,751
Tobacco manufactures .....	73	72	72	69	66	66	70	75	75	76	77	76	73
Textile mill products .....	1,023	1,015	1,017	1,009	1,002	993	992	986	991	988	984	981	976
Apparel and other textile products .....	1,345	1,336	1,346	1,351	1,342	1,337	1,334	1,311	1,329	1,334	1,344	1,334	1,336
Paper and allied products .....	710	709	707	706	707	701	699	698	699	700	691	687	685
Printing and publishing .....	1,084	1,095	1,091	1,088	1,086	1,083	1,079	1,076	1,079	1,080	1,076	1,074	1,072
Chemicals and allied products .....	1,018	1,016	1,015	1,013	1,011	1,007	997	995	1,001	1,002	996	997	997
Petroleum and coal products .....	189	189	190	189	189	188	188	188	190	190	191	191	193
Rubber and plastics products, nec .....	668	663	658	654	643	633	629	627	630	621	615	609	605
Leather and leather products .....	295	294	299	301	304	306	307	305	309	309	305	304	303
<b>SERVICE-PRODUCING</b> .....	50,853	50,589	50,548	50,442	50,192	49,990	49,908	49,712	49,618	49,561	49,358	49,200	49,025
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,596	4,577	4,558	4,549	4,540	4,499	4,478	4,473	4,491	4,490	4,481	4,487	4,438
<b>WHOLESALE AND RETAIL TRADE</b> .....	16,061	15,939	15,946	15,954	15,835	15,794	15,758	15,692	15,682	15,632	15,561	15,508	15,456
<b>WHOLESALE TRADE</b> .....	4,008	3,995	3,970	3,959	3,954	3,946	3,935	3,913	3,926	3,914	3,894	3,883	3,863
<b>RETAIL TRADE</b> .....	12,053	11,944	11,976	11,995	11,881	11,848	11,823	11,779	11,756	11,718	11,667	11,625	11,593
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,012	3,996	3,991	3,981	3,969	3,953	3,936	3,927	3,931	3,913	3,892	3,885	3,874
<b>SERVICES</b> .....	12,670	12,610	12,549	12,497	12,451	12,379	12,419	12,341	12,290	12,252	12,206	12,139	12,112
Hotels and other lodging places .....	-	863	870	869	861	863	860	843	858	837	829	834	831
Personal services .....	-	906	907	909	911	912	911	907	911	914	917	917	921
Medical and other health services .....	-	3,556	3,539	3,513	3,495	3,478	3,458	3,436	3,429	3,430	3,404	3,384	3,371
Educational services .....	-	1,178	1,187	1,187	1,185	1,188	1,168	1,155	1,161	1,159	1,161	1,156	1,150
<b>GOVERNMENT</b> .....	13,514	13,467	13,504	13,461	13,397	13,365	13,317	13,279	13,224	13,274	13,218	13,181	13,145
<b>FEDERAL</b> .....	2,632	2,637	2,652	2,642	2,630	2,624	2,618	2,621	2,646	2,665	2,664	2,667	2,669
<b>STATE AND LOCAL</b> .....	10,882	10,830	10,852	10,819	10,767	10,741	10,699	10,658	10,578	10,609	10,554	10,514	10,476

p = preliminary.

## ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

**B-6: Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
seasonally adjusted**

Industry division and group	(In thousands)												
	1973			1972									
	Feb. P	Jan. P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>TOTAL</b> .....	50,584	50,243	50,116	50,068	49,836	49,510	49,367	49,122	49,245	49,124	48,845	48,677	48,443
<b>GOODS-PRODUCING</b> .....	17,778	17,632	17,562	17,558	17,496	17,319	17,226	17,114	17,231	17,183	17,049	16,986	16,889
<b>MINING</b> .....	464	462	457	460	461	459	455	453	451	457	456	466	464
<b>CONTRACT CONSTRUCTION</b> .....	2,946	2,867	2,830	2,907	2,952	2,936	2,925	2,876	2,934	2,928	2,882	2,904	2,881
<b>MANUFACTURING</b> .....	14,368	14,303	14,275	14,191	14,083	13,924	13,846	13,785	13,846	13,798	13,711	13,616	13,544
<b>DURABLE GOODS</b> .....	8,362	8,311	8,274	8,212	8,131	7,999	7,942	7,889	7,899	7,876	7,805	7,729	7,680
Ordnance and accessories .....	103	101	102	102	96	93	97	96	95	92	91	89	89
Lumber and wood products .....	542	538	538	537	530	528	528	527	526	524	524	520	519
Furniture and fixtures .....	427	425	421	419	417	413	411	409	405	402	402	399	397
Stone, clay, and glass products .....	544	537	538	540	538	530	530	528	528	526	519	519	515
Primary metal industries .....	1,026	1,032	1,033	1,029	1,028	1,017	988	966	973	978	965	956	940
Fabricated metal products .....	1,105	1,092	1,082	1,074	1,068	1,058	1,056	1,049	1,053	1,049	1,038	1,028	1,022
Machinery, except electrical .....	1,324	1,323	1,318	1,302	1,279	1,252	1,242	1,231	1,233	1,223	1,200	1,189	1,189
Electrical equipment .....	1,335	1,318	1,309	1,290	1,279	1,248	1,236	1,233	1,237	1,223	1,214	1,205	1,198
Transportation equipment .....	1,317	1,310	1,306	1,294	1,276	1,247	1,243	1,245	1,241	1,257	1,252	1,229	1,218
Instruments and related products .....	295	292	288	288	285	281	279	276	276	273	269	266	266
Miscellaneous manufacturing .....	344	343	339	337	335	332	332	329	332	329	331	329	327
<b>NONDURABLE GOODS</b> .....	6,006	5,992	6,001	5,979	5,952	5,925	5,904	5,896	5,947	5,922	5,906	5,887	5,864
Food and kindred products .....	1,183	1,185	1,175	1,171	1,170	1,172	1,167	1,188	1,202	1,182	1,186	1,186	1,180
Tobacco manufactures .....	61	59	59	57	54	54	57	62	63	63	63	63	60
Textile mill products .....	900	893	895	887	881	874	873	867	870	868	865	864	857
Apparel and other textile products .....	1,170	1,160	1,172	1,178	1,171	1,167	1,162	1,140	1,161	1,166	1,173	1,164	1,165
Paper and allied products .....	553	550	547	546	547	541	539	539	539	539	531	529	526
Printing and publishing .....	654	663	660	659	659	658	656	655	656	658	656	655	654
Chemicals and allied products .....	588	590	590	590	587	585	578	578	581	580	575	575	576
Petroleum and coal products .....	118	118	119	119	118	117	117	116	117	117	117	117	117
Rubber and plastics products, nec .....	526	522	518	514	504	494	491	489	492	483	478	473	469
Leather and leather products .....	253	252	266	258	261	263	264	262	266	266	262	261	260
<b>SERVICE-PRODUCING</b> .....	32,806	32,611	32,554	32,510	32,340	32,191	32,141	32,008	32,014	31,941	31,796	31,691	31,554
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,968	3,955	3,933	3,930	3,922	3,881	3,856	3,861	3,879	3,886	3,875	3,881	3,835
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,264	14,140	14,154	14,165	14,054	14,025	13,979	13,912	13,924	13,894	13,825	13,769	13,714
<b>WHOLESALE TRADE</b> .....	3,352	3,341	3,321	3,315	3,312	3,301	3,292	3,273	3,286	3,279	3,259	3,249	3,225
<b>RETAIL TRADE</b> .....	10,912	10,799	10,833	10,850	10,742	10,724	10,687	10,639	10,638	10,615	10,566	10,520	10,489
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,126	3,109	3,111	3,106	3,097	3,087	3,077	3,069	3,077	3,065	3,049	3,047	3,037
<b>SERVICES</b> .....	11,448	11,407	11,356	11,309	11,267	11,198	11,229	11,166	11,134	11,096	11,047	10,994	10,968

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

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
1	ALABAMA <sup>1</sup>	1,069.9	1,089.5	1,033.0	8.2	8.3	8.0	51.1	56.1	49.7	331.3	333.9	318.5
2	Birmingham <sup>1</sup>	275.8	280.0	267.1	5.4	5.4	5.1	14.9	15.7	15.8	70.0	70.5	68.3
3	Huntsville	(*)	80.4	79.7	(*)	(2)	(2)	(*)	2.3	2.0	(*)	14.4	13.5
4	Mobile <sup>1</sup>	106.7	107.3	103.7	(2)	(2)	(2)	6.4	6.5	6.3	24.4	24.4	22.8
5	Montgomery <sup>1</sup>	73.6	74.8	71.9	(2)	(2)	(2)	5.4	5.4	5.5	11.0	11.2	10.5
6	Tuscaloosa <sup>1</sup>	44.7	45.4	40.2	(2)	(2)	(2)	2.9	3.0	2.5	11.9	12.0	11.1
7	ALASKA	98.3	101.4	91.6	1.9	1.9	2.2	5.6	6.3	4.9	6.3	6.8	5.0
8	ARIZONA	679.1	684.6	613.4	23.1	22.8	21.9	58.6	58.8	49.4	103.0	102.4	93.4
9	Phoenix	405.4	408.3	367.0	.3	.3	.3	34.0	34.1	29.5	78.5	77.9	71.6
10	Tucson	133.2	134.1	120.6	7.4	7.2	6.8	12.9	13.0	11.4	11.0	10.9	9.5
11	ARKANSAS <sup>1</sup>	586.4	595.0	556.3	4.1	4.4	4.3	27.8	28.8	26.4	186.2	188.4	174.5
12	Fayetteville <sup>1</sup>	29.1	29.8	28.0	(2)	(2)	(2)	1.2	1.3	1.3	7.7	8.0	7.0
13	Fort Smith <sup>1</sup>	50.3	50.7	49.1	.4	.4	.4	1.7	1.9	2.1	18.7	18.7	18.1
14	Little Rock-North Little Rock <sup>1</sup>	135.1	136.7	130.8	(2)	(2)	(2)	6.9	7.5	8.2	28.7	28.7	27.2
15	Pine Bluff <sup>1</sup>	25.2	25.5	24.5	(2)	(2)	(2)	1.0	1.0	.8	6.0	6.0	5.7
16	CALIFORNIA	7,138.2	7,271.8	6,911.7	29.5	29.4	28.3	279.6	289.5	269.2	1,507.4	1,523.3	1,452.5
17	Anaheim-Santa Ana-Garden Grove <sup>1</sup>	470.6	477.1	439.1	2.0	2.0	1.7	25.1	25.3	22.7	128.7	128.2	120.0
18	Bakersfield <sup>1</sup>	96.0	98.5	91.1	6.4	6.4	6.5	3.5	3.7	3.4	9.2	9.6	8.0
19	Fresno <sup>1</sup>	128.8	132.2	122.6	.6	.6	.6	5.8	6.0	5.5	17.1	18.2	16.4
20	Los Angeles-Long Beach	2,879.0	2,931.3	2,805.7	10.3	10.3	10.2	87.4	88.3	86.3	790.6	799.2	758.8
21	Modesto <sup>1</sup>	58.9	61.2	54.9	.1	.1	.1	3.4	3.6	3.3	13.8	14.7	13.0
22	Oxnard-Simi Valley-Ventura <sup>1</sup>	101.8	103.4	97.2	1.6	1.6	1.7	4.6	4.8	4.5	14.6	14.9	13.1
23	Riverside-San Bernardino-Ontario <sup>1</sup>	319.3	321.7	305.9	2.0	2.0	1.3	14.6	14.7	13.9	55.1	55.4	52.9
24	Sacramento <sup>1</sup>	281.8	287.0	272.4	.1	.1	.1	12.4	13.2	12.6	19.4	19.5	20.2
25	Salinas-Seaside-Monterey	64.0	66.1	60.7	.5	.5	.5	2.2	2.4	2.1	7.1	7.2	6.3
26	San Diego <sup>1</sup>	424.9	427.7	404.2	.5	.5	.5	23.5	23.7	23.8	62.3	62.0	59.7
27	San Francisco-Oakland	1,239.0	1,266.6	1,222.5	1.7	1.9	1.7	53.8	56.5	53.8	182.1	185.0	181.4
28	San Jose <sup>1</sup>	408.6	414.8	384.9	.1	.1	.1	17.3	18.2	17.2	123.4	123.8	115.1
29	Santa Barbara-Santa Maria-Lompoc <sup>1</sup>	85.4	87.2	82.4	.9	.9	.8	3.1	3.2	3.2	10.1	10.4	9.4
30	Santa Rosa <sup>1</sup>	57.3	58.8	54.3	.3	.3	.2	2.8	3.1	2.7	8.4	8.7	7.7
31	Stockton <sup>1</sup>	89.2	92.0	87.2	.1	.1	.1	3.7	3.9	3.6	15.8	16.1	15.6
32	Vallejo-Fairfield-Napa <sup>1</sup>	70.0	71.5	69.1	.1	.1	.1	2.3	2.6	2.4	6.7	6.8	6.7
33	COLORADO	823.1	830.2	784.9	13.7	13.5	13.5	49.7	51.6	43.2	125.5	125.8	119.4
34	Denver	521.3	527.6	501.0	5.5	5.5	5.4	30.6	31.8	28.6	88.2	88.4	85.5
35	CONNECTICUT <sup>1</sup>	1,195.1	1,214.7	1,157.8	(3)	(3)	(3)	49.0	55.4	48.8	415.0	414.7	395.6
36	Bridgeport <sup>1</sup>	144.7	147.8	142.2	(3)	(3)	(3)	4.7	5.2	4.6	62.5	62.5	61.4
37	Hartford <sup>1</sup>	318.5	324.3	313.4	(3)	(3)	(3)	12.3	13.4	12.5	84.4	84.2	84.3
38	New Britain <sup>1</sup>	44.3	45.3	42.1	(3)	(3)	(3)	1.5	1.7	1.1	22.8	22.8	20.8
39	New Haven <sup>1</sup>	160.2	164.5	156.0	(3)	(3)	(3)	7.0	8.0	7.2	41.6	41.5	39.0
40	Stamford <sup>1</sup>	82.9	84.6	81.3	(3)	(3)	(3)	3.2	3.9	3.3	27.4	27.4	26.9
41	Waterbury <sup>1</sup>	81.1	82.4	77.1	(3)	(3)	(3)	3.2	3.6	3.2	37.0	37.0	34.0
42	DELAWARE <sup>1</sup>	234.6	236.6	221.1	(2)	(2)	(2)	15.2	15.6	14.4	73.7	73.8	69.7
43	Wilmington <sup>1</sup>	203.3	205.6	195.3	(2)	(2)	(2)	14.2	14.6	14.0	67.3	67.4	65.1
44	DISTRICT OF COLUMBIA <sup>4</sup>	681.9	684.4	679.8	(2)	(2)	(2)	16.5	17.1	17.5	17.7	17.6	17.3
45	Washington SMSA	1,218.8	1,230.6	1,196.5	(2)	(2)	(2)	66.3	68.6	64.5	45.6	45.2	43.6
46	FLORIDA	2,414.0	2,428.0	2,287.0	9.2	9.3	9.0	184.4	184.2	164.1	340.7	340.5	324.7
47	Fort Lauderdale-Hollywood <sup>1</sup>	218.3	216.9	201.1	(2)	(2)	(2)	26.8	26.6	24.0	24.4	24.5	21.0
48	Jacksonville	196.5	197.1	193.7	(2)	(2)	(2)	12.6	12.5	12.5	24.8	24.4	24.0
49	Miami <sup>1</sup>	571.7	570.6	549.4	(2)	(2)	(2)	37.4	37.6	32.2	85.5	85.5	79.8
50	Orlando <sup>1</sup>	200.1	199.9	173.0	(2)	(2)	(2)	23.7	24.1	17.6	26.5	26.3	23.2
51	Pensacola <sup>1</sup>	75.7	76.6	73.8	(2)	(2)	(2)	6.7	6.6	6.5	14.3	14.4	14.4
52	Tampa-St. Petersburg <sup>1</sup>	374.6	374.7	344.8	(2)	(2)	(2)	33.6	33.8	28.8	57.4	57.6	55.0
53	West Palm Beach <sup>1</sup>	136.0	135.4	124.1	(2)	(2)	(2)	14.0	14.5	11.0	19.2	19.2	19.0
54	GEORGIA <sup>1</sup>	1,680.8	1,699.1	1,637.4	7.1	7.1	7.0	90.2	92.9	87.1	473.5	479.0	465.4
55	Atlanta <sup>1</sup>	652.8	665.2	642.8	(2)	(2)	(2)	36.4	39.3	36.3	111.2	111.8	113.8
56	Augusta <sup>1</sup>	92.8	93.9	90.7	(2)	(2)	(2)	5.9	5.9	5.6	30.4	30.3	29.5
57	Columbus <sup>1</sup>	71.3	71.9	70.6	(2)	(2)	(2)	4.6	4.6	4.4	20.5	20.7	19.5
58	Macon <sup>1</sup>	80.2	81.1	79.5	(2)	(2)	(2)	4.4	4.6	3.8	13.7	13.9	13.6
59	Savannah <sup>1</sup>	69.2	69.4	66.6	(2)	(2)	(2)	4.1	4.4	4.2	15.7	16.0	14.6
60	HAWAII	306.7	308.8	299.4	(2)	(2)	(2)	22.7	22.7	23.2	21.8	21.4	22.9
61	Honolulu	259.4	261.2	253.6	(2)	(2)	(2)	19.4	19.3	19.8	15.6	15.3	16.7

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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	
57.9	57.7	56.6	208.8	219.9	197.4	46.5	46.7	44.0	144.1	144.5	139.1	222.0	222.4	219.7	1
20.6	20.5	19.1	64.4	67.2	62.0	18.1	17.9	17.1	41.1	41.3	39.5	41.3	41.5	40.2	2
(*)	1.6	1.6	(*)	12.6	12.3	(*)	2.3	2.2	(*)	16.5	17.3	(*)	30.7	30.8	3
9.5	9.2	9.8	25.7	26.6	25.0	5.5	5.5	5.2	17.8	17.7	17.3	17.4	17.4	17.3	4
4.3	4.3	4.0	17.1	17.8	16.5	4.6	4.5	4.5	12.1	12.4	12.1	19.1	19.2	18.8	5
1.7	1.7	1.7	7.0	7.3	6.6	1.4	1.4	1.3	4.4	4.5	4.3	15.4	15.5	12.7	6
9.8	10.0	9.2	16.9	17.4	15.5	3.4	3.4	3.3	13.3	13.8	12.9	41.1	41.8	38.6	7
33.6	33.7	31.0	161.8	165.0	144.2	38.0	37.7	34.3	117.9	117.0	106.0	143.1	147.2	133.2	8
19.2	19.4	17.8	103.7	105.3	92.7	28.7	28.4	25.7	71.3	70.8	64.9	69.7	72.1	64.5	9
7.2	7.1	6.6	30.1	31.1	27.2	6.0	6.0	5.3	24.1	23.7	22.2	34.5	35.1	31.6	10
35.5	36.0	33.9	119.1	123.9	111.4	26.0	25.7	24.1	79.5	78.8	75.3	108.2	109.0	106.4	11
2.1	2.1	2.2	6.3	6.5	5.9	.8	.8	.7	3.6	3.7	3.5	7.4	7.4	7.4	12
2.9	2.9	2.9	10.7	11.0	10.3	1.8	1.8	1.6	7.4	7.3	7.0	6.7	6.7	6.7	13
10.0	10.1	10.0	30.7	31.4	28.7	10.2	10.1	9.4	21.6	21.9	20.9	27.0	27.0	26.4	14
3.7	3.7	3.4	4.9	5.0	4.9	1.0	1.0	1.0	3.4	3.5	3.3	5.2	5.3	5.4	15
451.4	456.8	447.6	1,613.1	1,698.2	1,558.6	418.8	419.6	399.2	1,314.4	1,324.4	1,271.4	1,524.0	1,530.6	1,484.9	16
16.1	16.0	15.2	110.8	116.4	104.6	27.3	27.3	25.3	82.8	83.8	76.3	77.8	78.1	73.3	17
6.7	6.9	6.3	22.2	23.4	21.2	4.4	4.5	4.2	15.1	15.5	14.3	28.5	28.5	27.2	18
7.8	8.0	7.9	33.3	35.4	31.8	5.9	5.9	5.9	24.0	24.6	22.8	34.3	33.5	31.7	19
169.5	172.2	169.2	651.1	683.5	636.7	181.9	182.6	176.3	544.7	548.7	533.6	443.5	446.5	434.6	20
2.7	2.9	2.6	13.9	14.9	13.1	1.6	1.6	1.6	11.0	11.0	10.0	12.4	12.4	11.2	21
4.6	4.6	4.3	23.7	24.5	23.0	3.8	3.8	3.6	17.5	17.5	16.1	31.4	31.7	30.9	22
18.1	18.0	17.6	73.5	76.2	70.0	11.6	11.6	11.0	62.8	62.4	60.0	81.6	81.4	79.2	23
17.1	17.4	17.1	63.4	67.2	58.3	12.3	12.4	12.0	43.8	43.7	41.4	113.3	113.5	110.7	24
4.0	4.1	3.8	16.1	17.5	15.7	2.3	2.3	2.3	12.5	12.7	11.9	19.3	19.4	18.1	25
22.3	22.2	21.5	95.4	98.2	90.1	24.3	24.1	22.1	84.0	84.1	80.1	112.6	112.9	106.4	26
127.1	130.1	126.1	268.2	282.1	263.3	103.8	103.9	99.8	224.8	227.1	220.3	277.5	280.0	276.1	27
17.8	18.0	17.5	82.3	86.3	77.2	18.0	17.9	16.2	82.6	83.3	77.7	67.1	67.2	63.9	28
3.3	3.3	3.3	19.7	20.9	19.2	3.8	3.8	3.6	22.1	22.2	20.6	22.4	22.5	22.3	29
2.8	2.9	2.8	13.5	14.3	13.1	3.9	4.0	3.5	10.5	10.4	10.0	15.1	15.1	14.3	30
6.4	6.7	6.3	19.1	21.0	18.5	3.2	3.2	3.1	16.3	16.3	15.6	24.6	24.7	24.4	31
3.7	3.9	3.5	13.2	13.9	12.5	2.1	2.1	2.1	11.9	12.0	11.5	30.0	30.1	30.3	32
55.4	55.5	52.3	196.0	200.5	185.0	43.4	43.5	41.8	137.4	137.5	134.6	202.0	202.3	195.1	33
38.3	38.7	36.2	129.1	133.0	124.7	31.7	31.7	30.9	92.5	92.6	90.3	105.4	105.9	99.4	34
52.6	53.2	53.0	235.8	246.6	229.2	79.3	79.5	76.4	197.3	198.5	191.9	166.0	166.7	163.0	35
6.1	6.3	6.2	28.7	30.5	28.2	5.6	5.6	5.2	21.3	21.9	21.0	15.8	15.8	15.6	36
12.3	12.4	12.2	64.3	68.7	63.0	46.9	47.0	44.3	51.6	51.9	50.7	46.7	46.7	46.4	37
1.4	1.4	1.4	6.8	7.4	7.0	1.3	1.3	1.3	5.6	5.6	5.4	5.0	5.0	5.1	38
13.5	13.9	13.8	32.1	34.3	31.7	8.4	8.4	8.4	35.1	36.0	34.2	22.5	22.5	21.8	39
3.4	3.3	3.3	18.4	19.0	17.9	5.0	4.9	4.7	17.0	17.3	16.8	8.7	8.7	8.5	40
3.1	3.1	3.2	13.6	14.5	13.1	2.4	2.4	2.2	11.8	11.8	11.5	10.0	10.0	9.8	41
11.0	11.0	10.8	49.3	50.0	47.1	10.7	10.7	9.9	39.9	40.2	36.1	34.8	35.3	33.1	42
9.8	9.8	9.6	41.3	41.8	40.0	9.5	9.5	9.1	31.5	32.2	29.7	29.7	30.3	27.8	43
28.2	28.0	28.4	79.1	80.8	77.4	34.6	34.2	33.8	133.6	133.1	132.0	372.2	373.6	373.4	44
59.3	59.2	58.9	244.8	253.1	233.9	73.7	74.0	70.9	257.8	258.0	251.9	471.3	472.5	472.8	45
175.4	177.5	167.2	640.3	661.9	608.9	149.2	149.3	141.4	461.0	450.9	440.5	453.8	454.4	431.2	46
12.5	12.4	11.6	63.0	63.2	60.0	14.5	14.7	13.7	47.3	45.8	42.8	29.8	29.7	28.0	47
20.1	20.3	20.0	53.1	54.1	52.6	20.1	20.1	19.4	31.4	31.4	31.2	34.4	34.3	34.0	48
61.7	61.7	59.6	149.3	149.8	145.8	40.2	40.1	38.8	131.9	130.3	129.1	65.7	65.6	64.1	49
11.1	11.2	9.8	51.5	52.1	46.9	12.5	12.3	10.9	46.7	45.7	39.1	28.1	28.2	25.5	50
3.9	3.9	3.8	17.4	18.3	16.2	3.1	3.1	3.1	11.0	11.0	10.3	19.3	19.3	19.5	51
25.2	25.1	23.0	107.6	108.7	97.0	23.8	24.1	21.1	74.2	72.1	70.1	52.8	53.3	49.8	52
6.0	6.0	5.7	36.1	36.2	33.4	9.0	8.9	8.2	32.7	31.5	28.9	19.0	19.1	17.9	53
113.6	113.0	106.6	363.5	374.7	358.5	86.3	86.3	83.7	219.0	219.4	213.0	327.6	326.7	316.1	54
65.1	64.7	59.4	182.5	190.9	183.0	49.0	49.0	47.6	106.5	106.7	103.1	102.1	102.8	99.6	55
3.7	3.7	3.8	17.1	18.2	16.1	3.1	3.2	3.2	10.4	10.4	10.3	22.2	22.2	22.2	56
2.8	2.8	2.9	13.5	13.9	13.5	4.3	4.2	4.1	9.4	9.4	9.3	16.2	16.3	16.9	57
3.4	3.4	3.3	16.4	16.7	15.7	4.1	4.1	4.1	10.9	11.0	10.9	27.3	27.4	28.1	58
7.3	6.9	6.8	15.7	15.7	15.4	3.4	3.4	3.3	10.7	10.7	10.3	12.3	12.3	12.0	59
24.7	24.6	24.2	73.2	75.3	71.8	19.7	19.9	18.7	65.7	64.2	61.3	78.9	80.7	77.3	60
20.8	20.6	20.5	61.7	63.5	60.7	18.0	18.3	17.1	55.1	53.8	51.4	68.8	70.4	67.4	61

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
1	IDAHO .....	229.2	232.9	217.6	3.0	2.9	3.0	9.8	10.9	8.6	44.2	44.3	42.5
2	Boise City .....	49.9	50.6	45.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.1	3.2	2.5	5.5	5.6	5.3
3	ILLINOIS <sup>1</sup> .....	4,257.1	4,352.0	4,206.4	22.2	23.1	22.3	157.0	177.1	159.6	1,284.6	1,294.8	1,242.2
4	Chicago <sup>1 5</sup> .....	2,917.1	2,984.4	2,884.8	4.0	4.2	4.2	103.8	117.2	105.5	876.6	884.7	855.6
5	Chicago-Northwestern Indiana .....	(*)	3,216.7	3,093.2	(*)	4.2	3.3	(*)	124.3	112.1	(*)	991.5	954.4
6	Davenport-Rock Island-Moline <sup>1</sup> .....	134.5	136.4	130.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	6.2	6.3	5.3	42.5	43.0	40.6
7	Decatur <sup>1</sup> .....	50.3	51.5	47.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.8	2.0	1.8	20.2	20.3	18.4
8	Peoria <sup>1</sup> .....	131.1	134.8	128.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	7.0	8.1	7.1	47.7	48.0	45.9
9	Rockford <sup>1</sup> .....	109.0	110.4	104.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.0	3.6	3.1	53.7	53.4	50.2
10	Springfield <sup>1</sup> .....	70.5	71.9	68.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3.0	3.5	3.1	9.4	9.4	9.3
11	INDIANA <sup>1</sup> .....	1,925.9	1,945.0	1,834.9	6.5	6.6	6.6	76.0	77.9	68.9	729.2	730.4	678.1
12	Evansville .....	89.9	90.0	88.4	1.3	1.3	1.3	4.1	4.2	3.9	32.6	31.6	31.3
13	Fort Wayne .....	125.0	126.4	119.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.6	5.8	4.9	44.8	44.8	42.9
14	Gary-Hammond-East Chicago <sup>1 5</sup> .....	219.1	222.9	208.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.0	9.9	9.0	103.7	103.6	94.9
15	Indianapolis <sup>1</sup> .....	427.0	432.2	419.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	18.8	19.5	17.0	123.6	124.3	120.3
16	Muncie .....	46.7	46.7	45.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.5	1.5	1.6	16.2	15.9	16.0
17	South Bend .....	95.9	98.3	93.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.9	4.0	3.6	31.9	32.3	30.4
18	Terre Haute <sup>1</sup> .....	55.7	56.1	54.9	.8	.9	1.0	1.9	2.0	1.9	15.8	15.9	15.2
19	IOWA <sup>1</sup> .....	936.2	952.2	890.9	2.4	2.9	2.5	35.2	40.8	33.9	230.0	232.9	212.1
20	Cedar Rapids <sup>1</sup> .....	67.8	69.3	64.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.9	4.1	3.4	23.8	23.8	21.7
21	Des Moines <sup>1</sup> .....	140.8	140.9	134.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.0	7.3	5.9	26.9	26.4	25.3
22	Dubuque .....	37.6	37.4	35.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.9	1.0	1.0	16.2	15.8	14.1
23	Sioux City <sup>1</sup> .....	43.2	43.4	41.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.6	1.9	2.2	12.0	11.9	9.3
24	Waterloo <sup>1</sup> .....	53.7	54.1	50.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.8	2.0	1.8	20.9	20.8	17.8
25	KANSAS .....	720.8	729.6	680.1	9.4	9.5	9.8	29.7	31.2	28.1	151.2	150.4	133.3
26	Topeka .....	66.4	67.0	65.4	.1	.1	.1	2.2	2.2	2.4	9.9	9.8	10.1
27	Wichita .....	145.9	147.3	137.4	2.2	2.2	2.2	5.7	6.1	5.3	43.0	42.7	36.8
28	KENTUCKY .....	967.9	980.6	923.2	30.3	30.3	29.6	42.9	44.5	43.8	267.1	268.2	251.6
29	Lexington .....	84.3	85.4	78.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.7	5.5	4.5	18.5	18.1	16.7
30	Louisville <sup>1</sup> .....	340.3	344.4	325.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16.0	16.5	14.7	111.9	112.7	106.3
31	LOUISIANA .....	1,088.6	1,099.0	1,066.2	50.8	51.1	51.0	77.6	78.9	77.6	176.7	178.5	172.7
32	Baton Rouge .....	118.6	119.2	110.0	.5	.5	.5	12.6	12.8	10.9	17.2	17.3	17.0
33	Lake Charles <sup>1</sup> .....	43.4	43.7	42.4	1.1	1.1	1.2	3.9	4.0	3.6	9.2	9.4	9.4
34	Monroe .....	41.0	41.6	39.6	.4	.4	.4	3.8	4.1	3.3	7.0	7.0	6.7
35	New Orleans <sup>1</sup> .....	396.5	399.6	383.2	13.6	13.8	13.2	26.6	26.8	24.1	52.5	52.9	52.4
36	Shreveport .....	101.0	102.3	95.9	3.3	3.3	3.5	6.7	6.7	6.1	18.3	18.4	16.5
37	MAINE <sup>1</sup> .....	330.4	339.3	327.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	14.9	16.9	14.7	102.5	103.4	101.7
38	Lewiston-Auburn <sup>1</sup> .....	28.4	29.1	28.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.3	1.4	1.2	11.7	11.8	11.5
39	Portland <sup>1</sup> .....	67.0	70.0	64.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.2	3.5	3.1	13.8	13.9	13.3
40	MARYLAND <sup>1 4</sup> .....	1,356.3	1,388.0	1,310.5	2.2	2.2	1.9	89.7	95.5	86.8	249.5	250.1	242.9
41	Baltimore <sup>1</sup> .....	820.1	837.8	799.7	.3	.3	.3	40.5	44.2	39.8	179.0	178.6	175.6
42	MASSACHUSETTS .....	2,261.8	2,308.7	2,225.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	89.9	99.1	87.2	607.9	612.6	595.4
43	Boston .....	1,276.5	1,303.7	1,266.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	49.3	54.1	48.5	254.5	257.1	254.0
44	Brockton .....	52.6	54.4	51.4	-	-	-	1.7	2.0	1.5	15.3	15.7	14.9
45	Fall River .....	46.0	46.8	45.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	20.6	20.8	20.1
46	Lawrence-Haverhill .....	81.0	82.8	80.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.6	2.0	1.8	36.3	36.6	36.2
47	Lowell .....	52.7	53.5	51.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.5	2.6	2.0	20.1	20.1	19.0
48	New Bedford .....	56.0	56.8	54.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.3	1.2	1.3	25.7	25.7	24.5
49	Springfield-Chicopee-Holyoke .....	187.4	190.8	186.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.2	8.0	7.1	60.2	60.6	59.8
50	Worcester .....	128.2	131.2	125.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.8	5.2	4.6	42.0	42.2	39.0
51	MICHIGAN .....	3,073.2	3,127.3	2,971.9	11.3	11.7	11.3	100.0	107.0	99.3	1,116.4	1,119.5	1,051.9
52	Ann Arbor .....	106.3	107.9	103.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.0	2.1	1.4	37.7	38.0	36.2
53	Battle Creek .....	62.8	63.7	59.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.6	1.7	1.4	26.0	26.0	23.7
54	Bay City .....	31.1	31.5	28.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.1	1.3	1.2	10.3	10.5	9.3
55	Detroit .....	1,504.0	1,525.4	1,459.2	.7	.7	.7	52.7	55.4	52.9	560.1	561.3	528.6
56	Flint .....	172.5	174.1	168.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.3	4.6	4.0	79.7	80.1	77.3
57	Grand Rapids .....	200.5	204.4	189.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.6	8.2	7.4	76.3	76.7	70.5
58	Jackson .....	49.3	50.0	46.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.7	1.8	1.6	18.0	18.0	17.2
59	Kalamazoo .....	75.2	75.9	73.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.0	3.1	2.9	28.0	27.7	26.3
60	Lansing-East Lansing .....	138.0	136.0	134.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.6	5.0	4.0	38.0	38.4	37.8
61	Muskegon-Muskegon Heights .....	49.0	49.2	48.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.6	1.6	1.4	21.7	21.6	21.8
62	Saginaw .....	80.1	80.6	77.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.1	3.4	3.4	35.2	35.5	34.1

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. 1973 <sup>b</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	
14.9	15.0	14.4	57.3	59.6	53.8	9.3	9.3	8.8	36.9	37.0	35.4	53.8	53.9	51.1	1
3.4	3.4	3.2	13.5	14.1	12.4	3.4	3.4	3.2	8.4	8.4	7.5	12.6	12.5	11.7	2
276.8	283.0	276.3	932.3	981.6	935.1	239.0	239.3	236.0	686.1	691.6	681.2	659.1	661.6	653.7	3
198.9	203.6	197.5	665.9	700.2	666.6	187.1	186.8	185.9	505.0	509.4	498.7	375.7	378.3	370.9	4
(*)	214.3	210.6	(*)	750.8	706.2	(*)	196.2	192.9	(*)	532.1	520.9	(*)	403.4	392.6	5
6.8	7.1	6.9	31.3	32.3	30.4	5.8	5.9	5.6	19.7	19.7	19.3	22.1	22.2	22.4	6
4.4	4.4	4.0	9.3	10.1	9.3	2.0	2.0	1.9	7.2	7.4	7.4	5.4	5.4	5.1	7
7.2	7.2	6.9	28.0	30.0	27.8	5.5	5.5	5.3	19.8	19.9	19.2	15.8	16.0	15.9	8
3.8	3.9	3.7	21.0	21.8	20.6	3.5	3.5	3.3	14.1	14.3	13.6	9.9	10.0	10.2	9
4.3	4.3	4.3	14.4	15.2	14.2	5.9	5.8	5.4	12.7	12.9	12.5	20.7	20.7	19.9	10
100.1	101.0	99.2	387.8	401.5	373.4	81.7	81.5	77.0	240.7	242.3	234.6	303.8	304.0	297.2	11
5.2	5.3	5.2	19.9	20.7	19.8	3.1	3.1	3.2	14.8	14.9	14.8	8.9	8.9	8.9	12
9.1	9.2	8.2	28.7	29.7	27.7	6.9	6.8	6.6	17.1	17.3	16.8	12.8	12.8	12.8	13
13.7	13.5	13.4	36.8	38.8	36.1	6.2	6.3	6.1	23.9	24.5	23.8	25.8	26.3	25.4	14
27.2	27.5	27.5	95.7	99.3	95.4	29.7	30.0	28.9	58.6	58.5	57.4	73.4	73.1	72.6	15
2.2	2.2	2.2	9.9	10.3	9.7	1.5	1.5	1.4	5.6	5.7	5.5	9.8	9.6	9.2	16
4.6	4.7	4.5	20.9	21.9	20.6	5.2	5.2	5.1	17.9	18.8	17.7	11.5	11.4	11.4	17
4.0	4.0	4.0	12.8	13.0	12.7	1.8	1.8	1.8	7.4	7.4	7.0	11.2	11.1	11.3	18
52.7	53.1	51.5	228.0	234.4	212.8	44.6	44.6	42.6	162.8	162.2	154.0	180.7	181.2	181.5	19
3.6	3.6	3.4	14.0	14.8	13.5	3.1	3.1	3.0	11.0	11.4	10.6	8.4	8.5	8.4	20
10.2	10.1	9.7	32.9	33.9	33.7	16.0	16.0	15.3	26.5	26.5	24.0	21.2	20.7	20.8	21
1.6	1.7	1.6	7.3	7.4	7.1	1.0	1.0	1.0	7.4	7.3	7.5	3.2	3.1	3.0	22
3.1	3.2	3.0	11.4	11.4	11.4	2.1	2.1	2.1	7.5	7.5	7.7	5.4	5.4	5.3	23
2.4	2.4	2.3	10.7	10.9	10.9	1.4	1.5	1.5	7.6	7.6	7.4	8.9	9.0	9.1	24
52.6	52.7	50.6	169.9	176.8	161.9	32.2	32.1	31.0	107.8	108.5	104.5	168.0	168.4	160.9	25
7.0	7.0	6.9	14.5	15.3	14.0	4.3	4.2	4.3	11.5	11.5	10.9	17.1	17.1	16.9	26
7.9	7.9	7.9	33.0	33.9	31.8	6.9	6.9	6.7	25.9	26.0	25.1	21.6	21.8	21.8	27
59.2	59.3	57.6	196.9	205.2	184.9	37.5	37.4	36.4	138.8	139.5	136.6	195.2	196.2	182.7	28
4.5	4.2	4.1	16.3	17.7	16.7	4.1	4.0	3.8	12.0	12.3	11.9	24.2	23.6	21.2	29
23.7	23.7	23.1	73.0	76.3	70.7	18.6	18.4	17.3	50.3	50.0	48.6	46.9	46.7	44.6	30
93.4	93.1	91.4	243.7	251.0	240.9	52.2	52.3	49.9	161.7	161.1	159.0	232.5	233.0	223.7	31
5.3	5.5	5.2	26.5	26.7	22.8	7.5	7.4	6.4	18.0	17.6	15.7	31.0	31.4	31.5	32
3.2	3.0	2.8	10.0	10.3	9.6	1.7	1.7	1.5	6.7	6.6	6.6	7.6	7.6	7.7	33
2.3	2.3	2.3	11.5	11.8	10.7	2.7	2.7	2.6	5.8	5.8	5.8	7.5	7.5	7.8	34
42.4	41.9	41.8	98.5	100.4	94.4	24.1	24.0	23.3	75.1	76.1	72.0	63.7	63.7	62.0	35
9.4	9.4	9.1	25.5	26.4	23.6	4.9	4.9	4.9	16.7	16.9	16.2	16.2	16.3	16.0	36
17.4	17.5	17.1	65.7	70.1	65.4	12.5	12.8	12.3	47.9	48.3	47.3	69.5	70.3	69.2	37
1.0	1.0	1.0	6.0	6.5	6.0	.8	.8	.8	5.0	5.0	5.0	2.6	2.6	2.6	38
5.3	5.3	5.1	17.4	19.6	17.2	5.9	5.9	5.5	12.3	12.6	11.9	9.1	9.2	8.8	39
79.6	80.8	76.9	332.4	352.0	319.4	74.3	75.3	71.6	257.0	258.6	247.2	271.6	273.5	263.8	40
54.3	55.4	52.9	185.1	195.9	180.6	45.4	45.8	43.8	146.2	147.6	140.9	169.3	170.0	165.8	41
121.5	122.8	118.2	494.5	523.0	490.5	128.2	129.8	128.2	479.2	479.2	469.9	340.6	342.2	336.0	42
75.2	76.1	73.8	299.0	316.5	299.3	93.9	94.3	93.7	327.0	328.0	319.2	177.6	177.6	178.3	43
3.9	4.1	4.1	13.4	13.8	13.0	1.6	1.6	1.5	7.5	7.8	7.4	9.2	9.4	9.0	44
2.0	2.0	1.9	9.9	10.4	9.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.8	8.9	8.6	4.7	4.7	4.6	45
3.5	3.5	2.8	14.8	15.8	14.8	2.4	2.5	2.4	10.0	10.7	10.2	12.4	11.7	12.1	46
2.1	2.2	2.4	11.3	11.8	11.3	1.5	1.5	1.5	8.3	8.4	8.2	6.9	6.9	6.9	47
3.1	3.2	3.3	11.1	11.8	10.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.6	9.7	9.3	5.2	5.2	5.2	48
8.7	8.7	8.8	39.0	40.9	39.5	9.7	9.8	9.5	35.5	35.8	35.4	27.1	27.0	26.4	49
6.8	6.9	7.0	27.0	28.7	27.1	7.1	7.0	7.0	23.5	24.2	23.4	17.0	17.0	17.0	50
146.3	146.9	142.6	604.8	637.9	597.8	119.7	119.3	116.2	443.4	446.9	432.4	531.3	538.1	520.5	51
2.2	2.2	2.1	14.4	14.8	13.5	2.6	2.7	2.6	9.6	9.7	9.4	37.9	38.4	38.0	52
2.6	2.6	2.6	9.4	10.0	9.2	3.7	3.7	3.7	8.3	8.3	8.0	11.3	11.3	11.1	53
2.0	1.8	1.9	7.7	7.5	6.8	.8	.8	.8	4.4	4.5	4.3	4.7	5.0	4.5	54
77.3	78.2	77.5	298.3	311.6	293.9	70.5	70.4	69.2	227.4	229.1	222.0	217.1	218.8	214.5	55
5.7	5.6	5.6	34.2	34.9	35.1	5.1	5.1	4.6	19.6	19.8	17.8	24.0	23.9	23.6	56
9.8	9.7	9.5	47.8	50.5	45.2	7.4	7.4	7.1	28.5	28.7	28.0	23.1	23.1	22.2	57
4.2	4.2	4.2	9.4	10.0	8.3	1.4	1.4	1.4	6.3	6.3	6.0	8.2	8.2	8.1	58
2.7	2.8	2.7	15.3	16.1	15.3	2.4	2.4	2.4	9.3	9.4	9.1	14.5	14.4	14.9	59
4.1	3.9	4.0	22.4	23.3	21.8	6.2	6.1	5.8	16.4	17.2	16.7	46.3	42.1	43.9	60
3.2	3.2	3.1	8.0	8.3	7.7	1.4	1.3	1.3	5.9	5.9	5.8	7.2	7.3	7.0	61
3.9	3.9	3.8	15.7	15.7	15.0	3.1	3.0	2.8	8.8	8.8	8.6	10.3	10.3	9.5	62

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
1	MINNESOTA <sup>1</sup>	1,367.9	1,392.1	1,294.6	12.7	12.9	12.6	52.0	59.3	52.1	312.4	315.7	293.5
2	Duluth-Superior	(*)	55.3	52.9	(*)	(2)	(2)	(*)	2.3	2.3	(*)	8.5	8.4
3	Minneapolis-St. Paul <sup>1</sup>	809.3	821.9	770.7	(2)	(2)	(2)	31.3	35.2	32.2	199.6	200.8	189.3
4	MISSISSIPPI <sup>1</sup>	636.4	645.7	607.0	6.0	6.0	6.0	31.3	33.7	30.3	208.2	209.5	195.8
5	Jackson	101.7	103.7	98.0	.7	.7	.7	6.1	6.6	6.1	14.8	15.1	14.2
6	MISSOURI	1,668.6	1,693.1	1,643.2	7.4	7.6	8.2	54.1	57.6	62.1	440.6	441.1	426.2
7	Kansas City	532.2	539.6	516.3	.4	.5	.4	25.6	26.0	24.4	122.2	122.1	118.4
8	St. Joseph	32.6	33.0	32.0	(3)	(3)	(3)	1.4	1.4	1.5	9.4	9.4	9.1
9	St. Louis	862.2	871.3	871.2	2.6	2.6	2.8	25.0	23.0	31.1	254.1	253.3	252.4
10	Springfield	62.5	62.5	60.0	.1	.1	.1	3.0	3.1	2.8	16.9	16.7	16.2
11	MONTANA	208.1	213.2	202.8	6.4	6.4	6.0	8.1	8.3	8.9	24.7	25.2	24.8
12	Billings	32.3	33.5	30.2	(2)	(2)	(2)	1.5	1.6	1.5	3.7	3.9	3.5
13	Great Falls <sup>1</sup>	25.4	25.8	25.1	(2)	(2)	(2)	1.2	1.3	1.0	2.1	2.1	2.9
14	NEBRASKA	502.0	508.5	485.8	1.4	1.4	1.4	23.7	24.8	22.9	89.0	88.8	82.5
15	Lincoln	78.2	79.0	73.4	-	-	-	3.9	4.0	3.0	12.3	12.4	11.2
16	Omaha	217.6	220.8	211.8	(3)	(3)	(3)	10.4	10.8	10.2	40.0	40.0	37.7
17	NEVADA	222.6	225.6	206.3	3.3	3.3	3.4	14.3	15.0	11.8	9.9	9.9	8.3
18	Las Vegas	122.2	123.2	112.6	.1	.1	.1	8.3	8.6	6.9	4.4	4.4	3.7
19	Reno	63.8	65.4	58.8	.2	.2	.2	4.0	4.4	3.5	3.7	3.7	3.1
20	NEW HAMPSHIRE	272.8	277.3	260.6	.3	.3	.3	12.3	13.3	12.3	92.6	93.0	87.7
21	Manchester	50.4	51.9	50.1	(2)	(2)	(2)	1.8	2.0	2.2	17.0	17.1	17.2
22	NEW JERSEY	2,606.6	2,668.8	2,561.8	2.6	2.8	2.4	106.8	115.1	102.7	791.1	803.9	791.7
23	Atlantic City	60.6	62.6	59.5	-	-	-	3.5	3.9	3.5	9.4	9.7	9.3
24	Camden <sup>6</sup>	269.6	276.5	262.8	.1	.1	.1	13.2	14.8	12.8	65.5	67.0	68.2
25	Jersey City <sup>7</sup>	244.4	250.2	243.9	-	-	-	6.5	7.1	6.4	94.2	96.9	95.5
26	Long Branch-Asbury Park	124.2	127.4	121.6	.1	.1	.1	7.2	7.7	6.5	20.6	21.9	21.1
27	Newark <sup>7</sup>	784.5	800.0	769.9	.6	.6	.6	28.8	31.1	27.9	227.0	229.2	223.9
28	Paterson-Clifton-Passaic	512.1	522.2	500.7	.1	.2	.1	20.2	22.3	20.3	175.8	178.1	175.6
29	Perth Amboy <sup>7</sup>	289.8	296.6	282.2	.5	.5	.5	10.4	12.0	10.8	106.1	107.3	105.4
30	Trenton	140.2	142.8	135.4	(2)	(2)	(2)	3.8	4.0	3.5	37.6	37.8	36.7
31	Vineland-Millville-Bridgeton	48.7	49.5	47.1	(2)	(2)	(2)	1.8	2.0	1.7	21.0	21.3	20.2
32	NEW MEXICO <sup>1</sup>	337.3	342.2	312.7	16.9	16.8	16.3	24.1	24.9	20.6	27.4	27.4	23.6
33	Albuquerque <sup>1</sup>	134.1	135.5	120.6	(2)	(2)	(2)	11.8	12.0	9.1	13.1	13.0	11.2
34	NEW YORK	(*)	7,027.5	6,842.3	(*)	6.6	6.3	(*)	256.2	233.7	(*)	1,615.1	1,577.9
35	Albany-Schenectady-Troy	(*)	284.6	274.2	(*)	(2)	(2)	(*)	13.7	11.2	(*)	58.3	58.6
36	Binghamton	(*)	102.2	97.7	(*)	(2)	(2)	(*)	3.7	3.2	(*)	37.8	36.9
37	Buffalo	(*)	493.9	469.2	(*)	(2)	(2)	(*)	16.9	13.4	(*)	155.8	151.0
38	Elmira	(*)	39.4	36.6	(*)	(2)	(2)	(*)	2.7	1.6	(*)	14.0	13.7
39	Monroe County <sup>8</sup>	(*)	305.3	293.5	(*)	(2)	(2)	(*)	10.0	10.4	(*)	126.5	121.1
40	Nassau and Suffolk Counties <sup>9</sup>	(*)	765.9	712.0	(*)	(2)	(2)	(*)	38.4	32.2	(*)	143.0	138.3
41	New York-Northeastern New Jersey	(*)	6,572.4	6,401.7	(*)	3.4	3.6	(*)	238.6	220.3	(*)	1,513.8	1,495.2
42	New York SMSA <sup>7</sup>	(*)	4,704.0	4,605.0	(*)	2.4	2.5	(*)	165.7	155.0	(*)	902.8	894.9
43	New York City <sup>9</sup>	(*)	3,562.1	3,533.6	(*)	1.5	1.6	(*)	106.2	102.7	(*)	678.1	674.8
44	Rochester	(*)	349.1	334.1	(*)	(2)	(2)	(*)	10.6	11.2	(*)	142.2	134.8
45	Rockland County <sup>9</sup>	(*)	68.1	63.9	(*)	(2)	(2)	(*)	4.4	3.5	(*)	13.5	13.9
46	Syracuse	(*)	236.4	224.0	(*)	(2)	(2)	(*)	10.1	8.1	(*)	60.7	58.7
47	Utica-Rome	(*)	107.1	104.5	(*)	(2)	(2)	(*)	3.4	2.9	(*)	34.0	33.7
48	Westchester County <sup>9</sup>	(*)	308.0	295.5	(*)	(2)	(2)	(*)	16.8	16.5	(*)	68.2	67.8
49	NORTH CAROLINA	1,850.5	1,896.6	1,813.4	4.0	4.0	3.8	87.2	98.3	93.1	738.9	748.4	722.2
50	Asheville	-	-	-	-	-	-	-	-	-	21.3	21.5	20.1
51	Charlotte	191.3	194.5	187.9	(2)	(2)	(2)	11.6	12.7	11.5	44.5	45.0	43.0
52	Greensboro-Winston-Salem-High Point	276.2	280.6	273.3	(2)	(2)	(2)	11.9	12.7	13.0	113.2	114.2	112.7
53	Raleigh	-	-	-	-	-	-	-	-	-	15.2	15.5	14.6
54	NORTH DAKOTA	167.8	170.6	162.4	1.5	1.6	1.5	7.6	8.6	8.2	11.3	11.4	10.3
55	Fargo-Moorhead	43.7	44.5	42.4	.1	.1	.1	2.2	2.5	2.4	3.2	3.2	3.2
56	OHIO <sup>1</sup>	3,968.3	4,043.9	3,795.8	23.4	23.7	21.9	139.6	154.7	134.1	1,385.1	1,388.3	1,297.7
57	Akron <sup>1</sup>	250.9	255.3	242.1	.2	.2	.2	7.0	7.6	6.9	92.3	92.9	89.2
58	Canton <sup>1</sup>	140.1	141.6	132.4	.4	.4	.4	4.7	5.3	4.2	58.5	58.1	55.1
59	Cincinnati <sup>1</sup>	513.2	524.4	495.2	.4	.4	.4	21.2	23.3	19.4	160.7	162.3	153.3

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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	
88.4	88.6	84.7	340.0	350.7	316.3	67.9	68.3	65.2	242.9	245.5	228.4	251.6	251.1	241.8	1
(*)	6.7	5.7	(*)	13.7	13.1	(*)	2.0	2.0	(*)	11.1	10.6	(*)	11.3	10.9	2
57.3	56.9	54.8	204.0	210.8	190.2	51.0	51.4	49.0	147.8	149.3	141.1	118.2	117.6	114.1	3
33.4	33.6	31.1	122.7	127.9	113.2	23.4	23.4	22.6	71.3	71.4	70.3	140.3	140.2	137.5	4
6.4	6.4	6.2	25.0	26.3	23.5	7.5	7.5	7.2	17.3	17.5	17.0	23.9	23.6	23.0	5
122.0	123.2	121.6	383.6	399.3	376.3	92.6	92.9	90.6	264.7	266.3	261.1	303.6	305.1	297.1	6
49.0	48.9	48.7	133.9	140.8	129.4	34.5	34.4	33.5	85.2	86.1	83.1	81.4	80.8	78.4	7
2.0	2.0	1.9	8.0	8.6	8.0	1.4	1.4	1.4	5.3	5.1	5.0	5.1	5.1	5.1	8
62.5	63.3	63.7	191.4	200.5	194.1	46.2	46.5	46.3	150.0	150.8	151.6	130.4	131.3	129.2	9
4.6	4.5	4.5	16.5	16.7	15.4	2.4	2.4	2.4	10.7	10.7	10.0	8.3	8.3	8.6	10
17.5	17.5	17.5	50.5	53.4	48.2	9.0	9.0	8.5	36.7	36.8	35.0	55.2	56.6	53.9	11
3.0	3.1	2.9	9.9	10.4	9.2	1.8	1.8	1.6	6.5	6.5	5.9	5.9	6.2	5.6	12
2.2	2.2	2.2	7.3	7.6	7.0	1.8	1.8	1.6	5.0	5.0	4.9	5.8	5.8	5.5	13
35.5	36.0	35.6	124.4	129.3	121.2	30.3	30.1	29.4	86.9	87.4	85.0	110.8	110.6	107.7	14
5.0	5.0	5.2	16.1	17.0	15.8	5.6	5.6	5.5	11.4	11.5	11.2	23.8	23.4	21.4	15
19.7	20.1	20.2	53.9	56.3	53.3	17.2	17.0	16.7	39.6	39.8	38.3	36.9	36.8	35.4	16
15.0	15.1	13.9	43.5	44.9	40.1	10.5	10.7	9.1	85.3	85.7	80.7	40.8	41.0	39.0	17
7.8	7.8	7.2	23.1	23.7	21.7	5.8	5.9	4.8	54.9	55.0	51.3	17.8	17.7	16.9	18
5.2	5.2	4.8	14.0	14.7	13.2	3.7	3.8	3.4	21.5	21.7	19.7	11.5	11.7	10.9	19
12.7	12.4	12.4	55.3	58.2	51.7	12.4	12.4	11.9	45.2	45.4	44.1	42.0	42.3	40.2	20
3.6	3.6	3.4	11.0	12.2	10.9	3.4	3.4	3.2	9.1	9.1	8.7	4.5	4.5	4.5	21
177.9	180.2	178.8	574.8	605.1	558.6	124.1	125.5	121.5	420.6	426.6	412.2	408.7	409.6	393.9	22
3.7	3.7	3.4	15.6	17.2	15.9	3.1	3.1	3.0	13.5	13.2	13.2	11.8	11.8	11.2	23
13.6	13.8	13.8	73.5	77.0	68.0	11.5	11.3	11.1	40.3	40.6	39.0	51.9	51.9	49.8	24
33.4	34.1	33.5	41.5	42.7	40.6	8.9	8.8	8.6	30.5	31.0	30.2	29.4	29.6	29.1	25
6.0	6.0	6.0	29.1	30.4	28.3	4.5	4.4	4.4	27.3	27.6	26.5	29.4	29.3	28.7	26
61.7	62.6	63.1	158.9	166.4	155.1	56.5	56.9	55.7	137.7	139.6	135.4	113.3	113.6	108.2	27
25.1	24.9	25.0	134.2	138.9	128.7	20.2	20.4	18.9	78.7	79.7	76.4	57.8	57.7	55.7	28
15.1	15.3	15.9	65.9	69.9	61.0	7.0	7.0	6.6	35.5	35.8	34.1	49.3	48.8	47.9	29
5.7	5.8	6.0	22.4	23.9	22.3	5.2	5.3	5.2	31.4	31.6	29.4	34.1	34.4	32.3	30
2.8	2.8	2.9	7.9	8.2	7.6	2.1	2.1	2.1	5.8	5.8	5.7	7.3	7.3	6.9	31
21.7	21.7	20.6	73.9	76.9	66.4	14.9	14.8	13.6	60.8	60.3	57.5	97.6	99.4	94.1	32
8.1	8.1	7.3	33.1	34.1	28.8	7.4	7.4	6.9	29.4	29.2	27.8	31.2	31.7	29.5	33
(*)	476.0	447.5	(*)	1,488.7	1,413.6	(*)	587.7	588.7	(*)	1,354.1	1,341.2	(*)	1,243.0	1,233.4	34
(*)	16.0	14.5	(*)	59.1	55.3	(*)	12.0	11.5	(*)	48.7	47.8	(*)	76.8	75.2	35
(*)	4.7	4.4	(*)	18.7	17.3	(*)	3.3	3.2	(*)	12.3	12.0	(*)	21.7	20.8	36
(*)	30.5	27.3	(*)	108.2	100.4	(*)	19.5	19.1	(*)	81.2	77.7	(*)	81.7	80.4	37
(*)	1.5	1.4	(*)	8.2	7.6	(*)	1.0	1.0	(*)	5.9	5.6	(*)	6.1	5.7	38
(*)	11.0	10.7	(*)	55.0	51.4	(*)	12.2	11.8	(*)	53.5	51.4	(*)	37.2	36.6	39
(*)	36.8	30.9	(*)	216.9	197.8	(*)	38.6	36.8	(*)	139.6	131.5	(*)	152.5	144.5	40
(*)	496.1	473.9	(*)	1,445.1	1,365.1	(*)	592.5	590.8	(*)	1,256.5	1,237.6	(*)	1,026.4	1,015.2	41
(*)	359.5	336.4	(*)	1,026.9	979.7	(*)	499.4	501.0	(*)	969.8	961.4	(*)	777.4	774.2	42
(*)	299.1	284.3	(*)	724.2	701.4	(*)	444.2	448.0	(*)	751.5	755.8	(*)	557.2	565.0	43
(*)	12.6	12.3	(*)	62.8	58.9	(*)	13.0	12.6	(*)	58.4	55.9	(*)	49.6	48.5	44
(*)	3.7	3.6	(*)	14.0	12.6	(*)	2.1	2.0	(*)	11.6	11.2	(*)	18.8	17.1	45
(*)	14.4	13.4	(*)	52.4	48.3	(*)	13.2	12.7	(*)	42.1	40.9	(*)	43.5	41.9	46
(*)	4.9	4.6	(*)	18.4	17.7	(*)	4.9	4.7	(*)	15.2	14.7	(*)	26.3	26.2	47
(*)	19.9	17.6	(*)	71.8	67.9	(*)	14.5	14.2	(*)	68.0	63.7	(*)	48.8	47.7	48
99.9	100.6	96.0	336.8	357.7	330.2	77.4	77.6	72.0	229.4	230.6	221.3	276.9	279.4	274.8	49
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
19.8	20.0	18.9	49.8	51.2	50.0	14.9	14.8	14.2	28.9	28.7	28.4	21.8	22.1	21.9	51
18.0	18.0	17.2	49.6	52.6	49.4	13.8	13.7	13.7	36.2	35.9	34.8	33.5	33.5	32.5	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
11.9	11.9	11.8	46.3	47.4	43.8	7.7	7.7	7.3	30.2	30.1	29.4	51.3	51.8	50.1	54
3.0	3.0	2.9	13.2	13.5	12.6	2.4	2.4	2.4	8.7	8.9	8.5	11.0	10.9	10.6	55
222.7	224.8	214.4	814.0	855.7	787.9	168.2	169.0	162.3	617.8	620.9	592.3	597.5	606.9	585.2	56
15.3	15.5	14.7	51.2	53.8	49.4	8.5	8.6	7.9	37.6	37.6	35.5	38.7	39.0	38.2	57
7.0	7.0	6.9	28.0	29.4	26.7	5.0	4.9	4.7	22.2	22.1	20.8	14.4	14.4	13.8	58
34.0	34.5	33.2	112.0	117.2	109.7	27.2	27.6	26.3	85.3	86.5	80.9	72.3	72.5	72.0	59



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
1	OHIO—Continued												
2	Cleveland <sup>1</sup>	838.2	857.3	818.6	1.4	1.4	1.5	25.9	28.6	27.1	279.3	279.9	266.8
3	Columbus <sup>1</sup>	405.5	414.9	386.6	.8	.8	.8	18.7	20.7	17.3	89.8	89.7	85.4
4	Dayton <sup>1</sup>	328.5	333.4	306.3	.5	.5	.4	10.9	12.0	10.9	118.9	119.2	103.0
5	Toledo <sup>1</sup>	252.5	256.8	243.8	.4	.4	.4	9.4	10.0	8.9	82.5	82.4	77.9
6	Youngstown—Warren <sup>1</sup>	207.0	209.9	193.1	.3	.3	.3	6.3	7.0	6.0	93.4	92.8	84.4
7	OKLAHOMA <sup>1</sup>	808.0	819.0	792.6	36.7	36.9	37.4	35.4	36.3	36.8	141.2	142.6	134.1
8	Oklahoma City <sup>1</sup>	280.3	282.8	271.6	7.0	7.0	6.8	15.9	16.2	15.0	39.8	39.9	38.2
9	Tulsa <sup>1</sup>	188.3	190.0	182.5	12.7	12.9	12.9	10.2	10.4	9.3	41.3	41.4	38.7
10	OREGON	775.0	776.0	730.5	1.6	1.6	1.2	33.8	30.2	28.7	180.6	178.5	169.7
11	Eugene—Springfield	(*)	78.4	73.0	(*)	(2)	(2)	(*)	2.9	2.6	(*)	20.4	19.0
12	Portland	412.1	411.2	389.5	(2)	(2)	(2)	19.2	16.9	17.5	89.1	88.7	82.1
13	Salem	59.6	59.5	56.7	(2)	(2)	(2)	2.9	2.7	2.8	9.7	9.5	8.8
14	PENNSYLVANIA	4,308.2	4,411.2	4,231.9	39.7	39.5	40.7	183.0	202.4	181.0	1,433.4	1,444.8	1,394.6
15	Allentown—Bethlehem—Easton	219.2	223.0	213.4	.6	.6	.6	9.0	9.3	8.0	100.8	101.3	97.9
16	Altoona	47.2	47.8	45.8	(2)	(2)	(2)	1.9	2.0	1.4	14.2	14.1	14.0
17	Delaware Valley <sup>10</sup>	1,524.8	1,558.9	1,492.6	1.1	1.1	1.1	70.4	75.4	64.2	436.8	441.0	429.5
18	Erie	100.4	103.2	95.7	(2)	(2)	(2)	2.8	3.1	2.9	44.4	45.0	42.0
19	Harrisburg	180.8	184.8	176.3	(2)	(2)	(2)	8.7	9.2	8.9	39.9	40.1	38.8
20	Johnstown	80.0	81.6	77.8	5.9	5.9	5.8	2.8	3.1	2.6	24.0	24.1	23.2
21	Lancaster	129.6	131.5	121.1	(2)	(2)	(2)	7.3	7.5	6.1	55.6	56.3	51.8
22	Philadelphia SMSA	1,794.4	1,835.3	1,755.7	1.2	1.2	1.3	83.6	90.2	77.0	502.4	508.0	498.0
23	Philadelphia City <sup>11</sup>	882.6	900.1	873.5	-	-	-	30.2	31.6	28.8	215.1	217.8	211.6
24	Pittsburgh	859.5	879.8	844.1	10.1	10.3	10.4	40.8	45.2	41.1	255.5	256.8	247.0
25	Reading	125.6	128.4	122.4	(2)	(2)	(2)	3.6	4.1	3.8	55.3	55.7	54.1
26	Scranton	85.6	87.3	85.8	.3	.3	.4	2.3	2.5	2.2	33.0	33.4	33.4
27	Wilkes-Barre—Hazleton	123.1	125.0	120.6	1.6	1.5	1.7	7.1	7.5	5.5	48.6	49.0	49.7
28	York	136.9	138.7	135.4	(2)	(2)	(2)	10.8	10.9	10.8	60.4	60.9	59.7
29	RHODE ISLAND <sup>1</sup>	358.5	368.4	341.3	(2)	(2)	(2)	13.9	16.0	13.4	122.3	123.9	114.0
30	Providence—Warwick—Pawtucket <sup>1</sup>	370.6	381.0	354.3	(2)	(2)	(2)	14.2	16.1	13.7	136.5	138.7	128.9
31	SOUTH CAROLINA	(*)	926.0	873.0	(*)	1.5	1.5	(*)	57.7	50.6	(*)	357.8	342.1
32	Charleston	(*)	90.4	89.7	(*)	(2)	(2)	(*)	6.4	6.6	(*)	12.9	12.7
33	Columbia	(*)	127.9	117.7	(*)	(2)	(2)	(*)	10.2	7.9	(*)	22.0	20.3
34	Greenville	(*)	133.8	128.5	(*)	(2)	(2)	(*)	9.2	8.8	(*)	59.3	56.5
35	SOUTH DAKOTA	187.4	190.3	183.3	2.2	2.2	2.2	7.1	7.6	6.0	18.2	18.2	17.3
36	Rapid City	21.1	21.2	19.8	.1	.1	.1	1.5	1.1	1.1	2.2	2.4	2.2
37	Sioux Falls	38.3	39.0	37.4	(2)	(2)	(2)	1.3	1.5	1.4	6.3	6.2	6.2
38	TENNESSEE <sup>1</sup>	1,479.3	1,501.1	1,384.5	7.0	7.3	6.7	69.2	76.7	65.9	500.4	503.4	469.2
39	Chattanooga <sup>1</sup>	139.1	140.8	134.6	.3	.3	.3	5.4	5.8	5.3	55.0	55.1	53.1
40	Knoxville	159.0	160.6	151.3	1.6	1.6	1.6	7.4	8.1	6.8	49.9	50.3	47.2
41	Memphis <sup>1</sup>	307.1	310.5	293.8	.2	.2	.2	14.6	14.9	16.1	60.3	61.0	58.8
42	Nashville	230.2	232.3	226.5	(2)	(2)	(2)	12.3	13.0	12.4	61.5	61.6	59.4
43	TEXAS <sup>1</sup>	3,943.6	3,996.2	3,745.8	101.7	102.2	102.9	253.8	259.2	226.2	755.4	757.9	715.6
44	Amarillo <sup>1</sup>	51.6	52.5	51.4	(2)	(2)	(2)	2.0	1.9	2.0	7.1	7.0	7.2
45	Austin <sup>1</sup>	135.3	136.4	128.7	(2)	(2)	(2)	9.9	9.6	9.3	13.0	13.1	12.3
46	Beaumont—Port Arthur—Orange <sup>1</sup>	109.7	111.4	107.1	(2)	(2)	(2)	8.3	8.6	6.4	36.9	37.4	37.0
47	Corpus Christi <sup>1</sup>	89.0	89.7	87.3	3.5	3.5	3.7	7.4	7.5	7.0	11.0	10.9	10.4
48	Dallas <sup>1</sup>	704.3	711.4	666.9	8.2	8.1	8.3	39.4	40.7	36.4	155.3	155.4	146.0
49	El Paso <sup>1</sup>	119.0	119.6	112.3	(2)	(2)	(2)	8.5	8.3	7.5	27.2	27.3	25.3
50	Fort Worth <sup>1</sup>	265.5	268.7	258.1	1.4	1.4	1.4	13.9	14.4	13.5	72.0	72.2	70.1
51	Galveston—Texas City <sup>1</sup>	55.7	55.6	53.6	(2)	(2)	(2)	3.0	3.0	2.9	11.0	11.0	11.2
52	Houston <sup>1</sup>	824.9	834.7	797.6	31.6	31.6	30.2	66.0	67.1	66.5	150.6	150.7	144.9
53	Lubbock <sup>1</sup>	65.4	66.8	59.8	(2)	(2)	(2)	2.9	3.0	2.7	7.9	7.9	7.6
54	San Antonio <sup>1</sup>	280.7	281.8	273.7	1.6	1.5	1.5	18.8	18.9	16.7	34.3	34.2	32.8
55	Waco <sup>1</sup>	55.0	56.4	51.3	(2)	(2)	(2)	2.6	2.6	2.8	14.0	14.2	12.0
56	Wichita Falls <sup>1</sup>	38.8	39.6	38.3	2.0	2.0	2.0	1.5	1.6	1.6	5.4	5.4	5.0
57	UTAH	399.4	407.9	375.8	12.5	12.6	11.8	18.1	19.7	15.8	61.0	62.1	55.7
58	Salt Lake City	217.9	223.0	202.5	6.5	6.6	6.3	11.8	12.4	10.3	33.1	33.4	30.9
59	VERMONT	151.8	155.0	147.1	.8	.9	.9	8.2	9.3	7.4	38.9	39.0	37.5
60	Burlington <sup>12</sup>	38.3	39.7	36.8	-	-	-	-	-	-	8.5	8.6	8.9
	Springfield <sup>12</sup>	13.0	12.9	12.1	-	-	-	-	-	-	5.7	5.6	5.2

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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	
48.3	49.1	48.2	185.2	194.3	182.3	42.9	42.8	41.8	143.2	144.7	137.7	112.0	116.5	113.2	1
22.0	22.2	21.2	88.7	94.6	83.3	28.8	28.7	27.2	71.8	72.0	68.7	84.9	86.0	82.8	2
12.4	12.5	10.6	62.3	65.3	61.2	10.5	10.6	10.0	53.1	53.1	50.2	60.0	60.2	59.8	3
17.0	17.3	16.9	55.3	57.9	54.9	8.4	8.4	8.1	41.9	42.1	40.4	37.8	38.3	36.5	4
10.5	10.5	9.7	39.4	41.5	38.3	6.1	6.2	5.7	28.6	28.8	27.4	22.4	22.7	21.3	5
54.5	54.2	52.7	181.5	189.0	177.4	40.7	40.4	38.8	123.8	125.1	121.2	194.2	194.5	194.2	6
18.3	18.3	17.6	66.1	68.5	62.2	17.3	17.3	16.9	41.4	41.5	40.3	74.5	74.1	74.6	7
15.9	15.8	15.8	43.2	44.2	42.7	10.3	10.3	9.9	34.9	35.2	33.8	19.8	19.8	19.4	8
51.0	50.9	48.2	183.1	189.8	168.4	41.0	40.8	37.3	126.0	126.8	119.2	157.9	157.4	157.8	9
(*)	4.5	4.4	(*)	17.8	15.5	(*)	3.4	3.2	(*)	11.7	11.0	(*)	17.7	17.3	10
30.6	30.7	29.9	104.2	106.0	96.4	27.7	27.6	25.5	75.9	75.7	71.1	65.4	65.6	67.0	11
2.1	2.2	2.1	12.6	12.9	11.8	3.4	3.4	3.2	9.0	9.2	8.5	19.9	19.6	19.5	12
257.8	261.6	257.1	848.4	895.2	838.6	199.5	199.5	195.5	695.1	707.9	682.6	651.3	660.3	641.8	13
11.4	11.6	11.2	37.8	40.6	38.3	6.8	6.8	6.3	30.3	30.2	29.1	22.5	22.6	22.0	14
7.0	7.1	6.5	9.3	9.9	9.2	1.3	1.3	1.3	7.0	6.9	6.9	6.5	6.5	6.5	15
88.1	90.6	90.0	313.6	331.9	307.5	92.5	92.5	92.6	292.8	295.7	281.8	229.5	230.7	225.9	16
5.8	6.1	5.5	18.2	19.0	17.5	3.8	3.8	3.5	13.1	13.4	12.5	12.3	12.8	11.8	17
13.4	13.7	13.6	37.5	39.1	36.1	9.9	9.9	9.3	25.6	26.2	24.5	45.8	46.6	45.1	18
5.3	5.4	5.3	14.1	15.1	13.6	2.3	2.3	2.2	12.2	12.3	12.0	13.4	13.4	13.1	19
5.5	5.4	5.3	26.4	27.6	24.7	3.4	3.3	3.1	19.9	19.2	18.5	11.5	11.5	11.6	20
101.7	104.3	103.8	387.1	408.9	375.5	103.9	103.8	103.7	333.1	336.3	320.7	281.4	282.6	275.7	21
65.7	67.6	65.9	178.0	189.0	176.6	71.0	71.3	72.1	171.4	171.2	168.0	151.2	151.6	150.5	22
56.8	57.5	55.5	174.8	186.7	174.1	38.3	38.3	37.5	163.0	163.0	159.8	122.2	122.0	118.7	23
5.9	6.0	6.0	22.5	23.7	21.2	4.9	4.9	4.8	17.1	17.3	17.0	16.3	16.7	15.5	24
4.6	4.6	4.7	17.0	18.1	17.1	2.7	2.7	2.6	15.6	15.5	15.3	10.1	10.2	10.1	25
6.9	6.9	6.7	21.9	23.0	21.3	4.6	4.5	4.3	15.5	15.7	15.8	16.9	16.9	15.6	26
6.1	6.2	5.9	25.6	26.5	24.8	2.9	2.9	3.2	15.8	15.8	15.6	15.3	15.5	15.4	27
15.2	15.4	14.8	77.3	81.9	71.2	16.6	16.6	16.0	58.5	60.0	56.7	54.7	54.6	55.2	28
15.2	15.5	14.7	79.0	83.7	73.1	16.7	16.6	16.0	57.5	58.9	56.0	51.5	51.5	51.9	29
(*)	39.7	38.3	(*)	165.5	148.9	(*)	33.5	31.1	(*)	97.7	94.6	(*)	172.6	165.9	30
(*)	5.6	5.5	(*)	18.7	18.4	(*)	3.9	3.7	(*)	11.2	11.3	(*)	31.7	31.5	31
(*)	7.5	7.0	(*)	26.3	23.9	(*)	8.1	7.5	(*)	16.9	16.2	(*)	36.9	34.9	32
(*)	5.5	5.3	(*)	23.7	22.6	(*)	5.0	4.9	(*)	16.4	16.2	(*)	14.7	14.2	33
11.0	11.2	11.1	46.6	48.4	45.6	7.9	8.1	7.4	35.8	36.0	35.8	58.6	58.6	57.9	34
1.5	1.5	1.5	5.7	5.9	5.3	.7	.7	.7	4.2	4.2	3.8	5.2	5.3	5.1	35
3.6	3.7	3.5	11.0	11.5	10.8	2.0	2.0	1.9	8.7	8.7	8.2	5.4	5.4	5.4	36
70.7	70.8	66.6	308.4	316.7	281.9	64.1	64.1	59.6	215.6	217.3	198.1	243.9	244.8	236.5	37
6.4	6.4	6.1	25.7	26.9	24.3	8.0	7.9	7.4	17.4	17.4	17.5	20.9	21.0	20.6	38
7.2	7.4	6.8	36.5	36.7	34.2	5.9	6.0	5.4	19.8	19.9	19.2	30.7	30.6	30.1	39
20.8	20.7	19.9	81.3	84.0	78.8	18.2	18.2	16.8	53.7	53.5	50.4	58.0	58.0	52.8	40
14.1	14.0	14.1	49.5	50.6	48.5	16.1	16.2	16.3	39.2	39.3	39.1	37.5	37.6	36.7	41
262.6	264.4	255.3	967.6	1,008.6	915.6	221.6	221.8	206.0	654.8	654.3	622.6	726.1	727.8	701.6	42
5.0	5.1	4.9	14.7	15.7	14.9	2.6	2.6	2.5	10.2	10.3	10.2	10.0	9.9	9.7	43
4.5	4.4	3.9	27.5	28.1	26.1	7.8	7.8	7.0	19.7	20.1	19.3	52.9	53.3	50.8	44
8.5	8.4	8.6	21.3	22.2	21.0	3.9	3.9	3.8	15.3	15.4	15.3	15.5	15.5	15.0	45
6.1	6.2	5.7	23.3	23.9	23.0	4.1	4.1	4.1	13.6	13.6	13.3	20.0	20.0	20.1	46
53.7	54.0	51.7	187.3	193.8	178.2	60.2	60.1	57.1	115.0	114.5	109.4	85.2	84.8	79.8	47
8.9	9.0	8.7	29.2	29.5	27.2	5.2	5.2	5.0	16.0	16.0	15.5	24.0	24.3	23.1	48
14.0	14.1	14.3	68.3	70.5	65.7	13.3	13.4	13.0	45.2	45.5	43.3	37.4	37.2	36.8	49
6.5	5.9	5.2	9.7	10.2	9.4	3.0	3.0	2.9	7.1	7.2	7.3	15.4	15.3	14.7	50
65.2	65.1	64.0	201.8	212.8	195.9	51.3	51.0	46.9	158.9	156.8	149.7	99.5	99.6	99.5	51
5.0	4.7	4.4	20.3	20.6	17.1	3.2	3.2	3.2	11.3	12.1	10.8	14.8	15.3	14.0	52
11.6	11.7	11.2	68.4	69.3	67.1	18.6	18.6	17.8	45.4	45.5	45.2	82.0	82.1	81.4	53
2.7	2.7	2.6	12.3	13.1	11.9	2.9	2.9	2.8	11.3	11.7	10.5	9.2	9.2	8.7	54
2.3	2.3	2.2	9.8	10.4	9.5	1.6	1.6	1.6	6.0	6.0	5.8	10.2	10.3	10.6	55
24.8	24.8	23.4	92.7	98.6	84.7	17.9	18.0	16.2	66.3	66.6	62.5	106.1	105.6	105.6	56
16.3	16.1	15.6	58.6	62.9	53.6	13.0	13.1	12.0	37.1	37.4	34.6	41.5	41.1	39.4	57
8.2	8.3	8.0	30.7	32.7	29.6	6.2	6.2	6.0	30.8	30.1	30.5	28.1	28.7	27.5	58
2.1	2.1	2.0	8.3	9.0	7.8	-	-	-	7.6	7.5	7.1	-	-	-	59
.8	.8	.8	1.9	2.0	1.9	-	-	-	2.3	2.1	2.1	-	-	-	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972
1	VIRGINIA <sup>1 4</sup>	1,587.3	1,614.4	1,523.4	15.8	15.8	15.6	101.4	106.7	96.1	390.5	394.2	370.8
2	Lynchburg	54.3	54.9	52.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.5	2.6	2.6	24.5	24.4	23.4
3	Newport News-Hampton	109.7	111.0	103.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.3	5.6	4.8	34.5	34.6	31.3
4	Norfolk-Virginia Beach-Portsmouth	208.5	212.7	202.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	13.5	14.7	13.3	19.5	19.8	18.6
5	Northern Virginia <sup>13</sup>	289.2	294.5	279.7	.4	.4	.4	21.7	22.7	19.1	10.5	10.4	10.2
6	Richmond	255.3	257.9	246.0	.2	.2	.2	14.8	15.6	13.6	51.7	51.9	50.4
7	Roanoke	86.4	87.7	84.2	.1	.1	.1	4.6	5.0	4.6	20.4	20.5	19.0
8	WASHINGTON	1,096.4	1,124.1	1,054.1	1.7	1.8	1.6	44.3	48.1	43.5	223.1	225.0	207.8
9	Seattle-Everett	505.7	514.3	487.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	18.1	19.4	18.7	110.3	109.3	100.8
10	Spokane	93.5	95.2	91.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.7	4.9	4.0	13.0	12.9	11.9
11	Tacoma	106.5	107.9	103.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.0	4.5	3.8	19.7	19.5	18.7
12	WEST VIRGINIA <sup>1</sup>	535.1	542.4	518.3	50.7	51.0	54.7	33.1	33.6	27.8	122.4	124.2	120.5
13	Charleston <sup>1</sup>	83.2	84.7	82.8	4.2	4.3	4.2	4.0	4.2	4.0	14.9	15.1	15.4
14	Huntington-Ashland <sup>1</sup>	81.2	82.3	79.0	.7	.7	.7	3.4	3.5	2.9	26.1	26.4	26.0
15	Wheeling <sup>1</sup>	58.4	59.6	57.2	5.7	5.7	5.4	1.8	1.9	2.2	14.5	15.0	13.6
16	WISCONSIN <sup>1</sup>	1,582.1	1,614.2	1,511.6	2.0	2.4	1.9	59.2	64.0	53.3	502.5	503.0	471.7
17	Appleton-Oshkosh	101.6	104.1	97.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.1	4.3	3.5	39.9	40.0	37.8
18	Green Bay <sup>1</sup>	59.2	60.6	55.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.8	3.2	2.5	17.4	17.8	16.1
19	Kenosha <sup>1</sup>	38.6	39.2	33.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.1	1.2	1.2	16.9	16.8	12.9
20	La Crosse <sup>1</sup>	31.2	31.8	30.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.0	1.1	1.0	8.4	8.5	8.1
21	Madison <sup>1</sup>	126.5	130.4	123.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.4	6.0	5.7	15.7	15.8	15.3
22	Milwaukee <sup>1</sup>	580.0	589.8	559.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	21.5	22.7	18.7	199.8	199.8	190.6
23	Racine <sup>1</sup>	58.1	58.3	54.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.7	1.8	1.4	26.4	26.1	23.9
24	WYOMING	117.1	118.9	108.6	11.8	12.1	11.1	9.2	9.4	6.4	8.0	7.9	7.6
25	Casper	19.9	20.1	19.1	3.0	3.0	2.7	1.1	1.1	1.0	1.9	1.9	1.7
26	Cheyenne	20.0	20.5	18.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.8	1.0	.9	1.2	1.3	.9

1 Revised to 1972 benchmark; not strictly comparable with previously published data.  
 2 Combined with services.  
 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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	
100.6	100.9	98.7	329.6	346.6	316.9	77.0	77.5	72.3	239.2	239.0	229.2	333.2	333.7	323.8	1
2.6	2.6	2.5	9.1	9.7	8.6	2.3	2.2	2.2	7.2	7.2	6.8	6.1	6.2	6.1	2
3.8	3.8	3.7	18.8	19.7	17.8	3.4	3.3	3.1	13.2	13.5	12.9	30.7	30.5	30.0	3
16.5	16.6	16.0	51.7	54.2	49.8	10.3	10.3	10.0	32.8	32.9	31.4	64.2	64.2	63.5	4
20.9	20.9	20.6	68.5	72.5	65.4	18.8	18.8	17.4	52.5	52.6	51.0	95.9	96.2	95.6	5
18.9	18.9	17.9	57.7	59.5	54.9	19.5	19.7	19.1	38.3	38.2	37.1	54.2	53.9	52.8	6
10.6	10.6	10.5	19.5	20.4	19.5	4.6	4.6	4.4	14.8	14.8	14.5	11.8	11.7	11.6	7
70.5	70.6	69.5	246.9	263.6	236.5	62.9	62.7	58.9	188.2	190.2	175.2	258.8	262.1	261.1	8
38.5	38.8	37.8	114.9	121.2	113.1	36.4	36.2	35.0	86.3	86.6	82.1	101.2	102.8	100.2	9
7.4	7.4	7.2	23.9	25.2	23.9	5.8	5.9	5.6	20.1	20.5	19.8	18.6	18.4	18.9	10
5.6	5.7	5.8	22.9	24.0	22.5	5.8	5.8	5.9	20.0	20.0	19.1	28.5	28.4	27.8	11
40.3	40.5	38.9	103.5	107.6	96.4	16.8	16.8	15.8	70.2	70.3	66.5	98.1	98.4	97.6	12
8.5	8.5	8.3	19.4	20.4	19.0	3.9	3.9	3.8	13.5	13.6	13.0	14.7	14.7	15.1	13
7.0	7.0	6.6	17.1	17.7	16.8	3.0	2.9	2.9	10.9	10.9	10.6	13.1	13.2	12.5	14
3.8	3.9	3.7	13.2	13.6	12.7	2.3	2.3	2.3	10.4	10.4	10.4	6.7	6.9	6.9	15
81.3	83.5	79.1	345.1	366.3	329.4	64.8	65.1	62.1	247.6	250.5	239.2	279.6	279.5	274.9	16
4.4	4.5	4.2	20.6	22.4	20.0	3.7	3.8	3.6	14.7	14.8	13.9	14.1	14.3	14.1	17
4.9	4.9	4.5	14.7	15.2	13.8	1.6	1.6	1.5	9.7	9.8	9.3	8.1	8.1	8.0	18
1.3	1.5	1.2	6.9	7.2	6.2	.7	.7	.7	6.5	6.5	5.9	5.3	5.4	5.3	19
2.3	2.3	2.2	7.5	7.9	7.2	.7	.7	.7	6.2	6.3	6.0	5.0	5.0	5.1	20
5.1	5.2	5.1	26.6	29.7	26.6	7.2	7.1	6.7	19.6	19.7	18.4	46.9	46.9	45.4	21
30.5	31.1	30.2	125.3	131.7	120.6	29.4	29.6	28.8	95.8	97.5	95.0	77.8	77.4	75.6	22
2.0	2.0	2.0	10.1	10.7	9.5	1.5	1.5	1.4	8.5	8.5	8.1	7.9	7.8	7.8	23
11.1	11.0	10.1	24.4	25.1	23.2	3.7	3.8	3.7	17.0	17.6	16.1	31.9	32.0	30.4	24
1.6	1.6	1.5	4.8	5.1	4.9	.8	.8	.8	2.7	2.7	2.6	4.0	3.9	3.9	25
2.5	2.5	2.5	4.6	4.7	4.1	1.0	1.0	1.0	3.7	3.8	3.2	6.2	6.2	6.1	26

## ESTABLISHMENT DATA

### HISTORICAL HOURS AND EARNINGS

C-1: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, 1947 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings excl. overtime
	Total private <sup>1</sup>			Mining			Contract construction			Manufacturing			
1947	\$45.58	40.3	\$1.131	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$49.17	40.4	\$1.217	\$1.18
1948	49.00	40.0	1.225	65.56	39.4	1.664	65.27	38.1	1.713	53.12	40.0	1.328	1.29
1949	50.24	39.4	1.275	62.33	36.3	1.717	67.56	37.7	1.792	53.88	39.1	1.378	1.34
1950	53.13	39.8	1.335	67.16	37.9	1.772	69.68	37.4	1.863	58.32	40.5	1.440	1.39
1951	57.86	39.9	1.45	74.11	38.4	1.93	76.96	38.1	2.02	63.34	40.6	1.56	1.51
1952	60.65	39.9	1.52	77.59	38.6	2.01	82.86	38.9	2.13	67.16	40.7	1.65	1.59
1953	63.76	39.6	1.61	83.03	38.8	2.14	86.41	37.9	2.28	70.47	40.5	1.74	1.68
1954	64.52	39.1	1.65	82.60	38.6	2.14	88.91	37.2	2.39	70.49	39.6	1.78	1.73
1955	67.72	39.6	1.71	89.54	40.7	2.20	90.90	37.1	2.45	75.70	40.7	1.86	1.79
1956	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95	1.89
1957	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05	1.99
1958	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11	2.05
1959 <sup>2</sup>	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19	2.12
1960	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26	2.20
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.44
1965	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.51
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83	2.72
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19	3.06
1970	119.46	37.1	3.22	164.40	42.7	3.85	195.98	37.4	5.24	133.73	39.8	3.36	3.24
1971	126.91	37.0	3.43	171.74	42.3	4.06	212.24	37.3	5.69	142.04	39.9	3.56	3.44
1972	135.78	37.2	3.65	186.15	42.5	4.38	224.22	37.0	6.06	154.69	40.6	3.81	3.65
1972: Feb	131.01	36.8	3.56	181.43	41.9	4.33	214.20	36.0	5.95	149.17	40.1	3.72	3.59
Mar	132.10	36.9	3.58	182.30	42.2	4.32	218.59	36.8	5.94	150.72	40.3	3.74	3.60
Apr	133.57	37.0	3.61	184.86	42.4	4.36	218.14	36.6	5.96	152.28	40.5	3.76	3.62
May	133.58	36.9	3.62	183.16	42.3	4.33	221.17	36.8	6.01	153.09	40.5	3.78	3.63
June	135.76	37.4	3.63	186.62	43.0	4.34	223.34	37.6	5.94	155.01	40.9	3.79	3.63
July	136.86	37.6	3.64	184.44	42.4	4.35	225.88	37.9	5.96	152.71	40.4	3.78	3.63
Aug	137.62	37.6	3.66	186.60	42.7	4.37	230.35	38.2	6.03	154.28	40.6	3.80	3.64
Sept	139.13	37.4	3.72	189.18	42.8	4.42	234.93	38.2	6.15	158.26	41.0	3.86	3.68
Oct	139.50	37.3	3.74	189.19	42.9	4.41	237.60	38.2	6.22	157.49	40.8	3.86	3.69
Nov	138.75	37.1	3.74	189.98	42.5	4.47	224.28	36.0	6.23	159.49	41.0	3.89	3.72
Dec	139.13	37.2	3.74	191.10	42.0	4.55	222.46	35.2	6.32	162.74	41.2	3.95	3.78
1973: Jan <sup>p</sup>	137.98	36.6	3.77	190.39	41.3	4.61	222.77	34.7	6.42	159.20	40.0	3.98	3.81
Feb <sup>p</sup>	139.48	36.9	3.78	188.28	41.2	4.57	221.68	34.8	6.37	161.58	40.7	3.97	3.80

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings
1947	-	-	-	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140	-	-	-
1948	-	-	-	40.80	40.4	1.010	45.48	37.9	1.200	-	-	-
1949	-	-	-	42.93	40.5	1.060	47.63	37.8	1.260	-	-	-
1950	-	-	-	44.55	40.5	1.100	50.52	37.7	1.340	-	-	-
1951	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-
1952	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-
1953	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-
1954	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-
1955	-	-	-	55.16	39.4	1.40	63.92	37.6	1.70	-	-	-
1956	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-
1957	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-
1958	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-
1959 <sup>2</sup>	-	-	-	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	168.84	40.2	4.20	100.74	35.1	2.87	121.36	37.0	3.28	102.94	34.2	3.01
1972	187.46	40.4	4.64	106.00	35.1	3.02	128.34	37.2	3.45	108.44	34.1	3.18
1972: Feb	179.69	40.2	4.47	103.11	34.6	2.98	126.14	37.1	3.40	106.42	34.0	3.13
Mar	180.90	40.2	4.50	103.70	34.8	2.98	126.14	37.1	3.40	106.76	34.0	3.14
Apr	181.55	39.9	4.55	104.40	34.8	3.00	128.69	37.3	3.45	107.44	34.0	3.16
May	184.17	40.3	4.57	104.05	34.8	2.99	126.91	37.0	3.43	106.47	33.8	3.15
June	186.86	40.8	4.58	106.50	35.5	3.00	127.60	37.2	3.43	107.39	34.2	3.14
July	189.66	40.7	4.66	108.36	36.0	3.01	129.03	37.4	3.45	109.27	34.8	3.14
Aug	191.76	40.8	4.70	108.06	35.9	3.01	127.97	37.2	3.44	108.64	34.6	3.14
Sept	191.97	40.5	4.74	107.06	35.1	3.05	128.74	37.1	3.47	110.47	34.2	3.23
Oct	194.88	40.6	4.80	106.79	34.9	3.06	129.80	37.3	3.48	110.48	34.1	3.24
Nov	195.21	40.5	4.82	106.53	34.7	3.07	129.13	37.0	3.49	110.50	34.0	3.25
Dec	197.80	40.7	4.86	108.37	35.3	3.07	130.59	37.1	3.52	111.18	34.0	3.27
1973: Jan <sup>p</sup>	196.18	40.2	4.88	107.30	34.5	3.11	131.35	37.0	3.55	110.85	33.9	3.27
Feb <sup>p</sup>	197.56	40.4	4.89	107.99	34.5	3.13	132.09	37.0	3.57	111.18	34.0	3.27

<sup>1</sup> For coverage of series, see footnote 1, table B-2.<sup>2</sup> Data include Alaska and Hawaii 1959.<sup>3</sup> Prior to January 1956, data were based on the application of adjustment factors to gross average hourly earnings. (See Technical Note.)<sup>p</sup> preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

80

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
	<b>TOTAL PRIVATE</b> .....	\$139.48	\$137.98	\$139.13	\$130.29	\$135.78	\$3.78	\$3.77	\$3.74	\$3.55	\$3.65
	<b>MINING</b> .....	188.28	190.39	191.10	184.02	186.15	4.57	4.61	4.55	4.34	4.38
	<b>METAL MINING</b> .....	-	191.40	193.24	180.43	185.51	-	4.59	4.59	4.39	4.47
10	Iron ores .....	-	191.76	188.41	185.51	185.40	-	4.47	4.54	4.47	4.50
102	Copper ores .....	-	196.35	200.18	187.96	192.19	-	4.72	4.71	4.54	4.62
11,12	<b>COAL MINING</b> .....	-	228.48	227.21	223.34	215.83	-	5.60	5.61	5.28	#5.30
12	Bituminous coal and lignite mining ..	-	230.52	228.83	226.95	217.46	-	5.65	5.65	5.34	#5.34
13	<b>OIL AND GAS EXTRACTION</b> .....	-	171.80	172.98	167.31	169.92	-	4.18	4.07	3.90	3.97
131,2	Crude petroleum and natural gas fields.	-	193.02	184.50	186.40	182.41	-	4.64	4.50	4.47	4.46
138	Oil and gas field services .....	-	157.90	165.30	153.91	161.33	-	3.87	3.80	3.53	3.65
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	-	170.52	173.72	162.59	176.96	-	4.06	4.04	3.79	3.95
142	Crushed and broken stone .....	-	166.14	174.15	154.08	178.41	-	3.90	3.94	3.60	3.87
	<b>CONTRACT CONSTRUCTION</b> .....	221.68	222.77	222.46	213.37	224.22	6.37	6.42	6.32	5.96	6.06
15	<b>GENERAL BUILDING CONTRACTORS</b> ..	-	208.27	208.62	200.42	209.07	-	6.18	6.10	5.71	5.84
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> ..	-	201.71	200.36	197.84	217.88	-	5.65	5.55	5.22	5.42
161	Highway and street construction .....	-	178.71	181.28	180.86	210.64	-	5.18	5.15	4.81	5.15
162	Heavy construction, n.e.c. ....	-	215.72	213.23	209.17	224.14	-	5.91	5.81	5.49	5.66
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	238.35	238.24	225.50	235.95	-	6.81	6.73	6.37	6.50
171	Plumbing, heating, air conditioning...	-	252.28	254.18	242.35	248.72	-	6.80	6.76	6.48	6.58
172	Painting, paper hanging, decorating...	-	204.62	207.35	193.44	205.32	-	6.09	6.01	5.74	5.90
173	Electrical work .....	-	277.14	281.15	261.59	271.87	-	7.45	7.36	6.83	7.08
174	Masonry, stonework, and plastering...	-	202.12	202.93	195.00	211.82	-	6.76	6.61	6.23	6.38
176	Roofing and sheetmetal work .....	-	191.58	174.29	175.68	186.12	-	6.16	6.01	5.76	5.78
	<b>MANUFACTURING</b> .....	161.58	159.20	162.74	147.26	154.69	3.97	3.98	3.95	3.70	3.81
19,24,25,32-39	<b>DURABLE GOODS</b> .....	175.55	173.43	177.24	158.78	167.27	4.22	4.23	4.21	3.94	4.05
20-23,26-31	<b>NONDURABLE GOODS</b> .....	141.45	139.71	142.84	132.55	137.76	3.59	3.61	3.58	3.39	3.47
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	178.05	175.54	179.32	165.97	172.60	4.16	4.14	4.18	3.98	4.09
192	Ammunition, except for small arms ..	(*)	173.32	177.94	162.27	170.47	(*)	4.04	4.10	3.91	4.03
1925	Complete guided missiles .....	-	202.48	210.22	187.47	197.11	-	4.46	4.56	4.37	4.49
1929	Ammunition, exc. for small arms, nec	-	148.92	151.62	139.90	147.60	-	3.65	3.68	3.48	3.60
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	138.80	134.16	134.52	128.40	135.71	3.47	3.44	3.38	3.21	3.31
242	Sawmills and planing mills .....	(*)	130.13	132.33	124.62	131.52	(*)	3.38	3.30	3.10	3.20
2421	Sawmills and planing mills, general.	-	134.75	137.14	128.32	135.96	-	3.50	3.42	3.20	3.30
243	Millwork, plywood & related products.	(*)	143.24	143.60	140.63	144.14	(*)	3.59	3.59	3.43	3.49
2431	Millwork .....	-	136.15	139.23	135.60	137.60	-	3.50	3.57	3.39	3.44
2432	Veneer and plywood .....	-	150.75	145.66	146.80	149.02	-	3.65	3.57	3.43	3.49
244	Wooden containers .....	(*)	101.28	105.57	99.46	105.07	(*)	2.73	2.70	2.59	2.66
2441,2	Wooden boxes, shooks, and crates ..	-	95.37	101.24	94.60	101.24	-	2.55	2.55	2.47	2.55
249	Miscellaneous wood products .....	(*)	118.70	122.43	111.88	117.99	(*)	2.96	2.95	2.79	2.85
25	<b>FURNITURE AND FIXTURES</b> .....	125.14	120.65	128.52	118.31	123.93	3.16	3.15	3.15	2.98	3.06
251	Household furniture .....	(*)	113.24	121.99	111.95	116.76	(*)	2.98	2.99	2.82	2.89
2511	Wood household furniture .....	-	108.08	113.98	106.80	110.84	-	2.80	2.78	2.65	2.71
2512	Upholstered household furniture .....	-	116.66	132.02	119.47	124.40	-	3.17	3.22	3.04	3.11
2515	Mattresses and bedsprings .....	-	127.54	134.60	116.49	124.80	-	3.33	3.34	3.09	3.20
252	Office furniture .....	-	146.61	153.79	143.79	148.26	-	3.62	3.61	3.49	3.53
254	Partitions and fixtures .....	-	145.53	151.22	141.12	149.97	-	3.78	3.79	3.60	3.74
253,9	Other furniture and fixtures .....	(*)	135.93	139.78	128.18	134.74	(*)	3.45	3.46	3.27	3.36
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> ..	167.27	162.41	166.83	153.78	163.83	4.05	4.03	4.02	3.76	3.91
321	Flat glass .....	-	212.85	237.47	201.28	208.98	-	5.02	5.14	4.67	4.86
322	Glass and glassware, pressed or blown	166.87	166.04	166.46	155.56	161.99	4.10	4.11	4.08	3.86	3.99
3221	Glass containers .....	-	171.36	173.04	162.77	170.57	-	4.20	4.20	3.97	4.15
3229	Pressed and blown glass, n.e.c. ....	-	158.80	157.18	145.78	150.40	-	3.98	3.91	3.70	3.76
324	Cement, hydraulic .....	224.72	222.07	222.29	204.89	215.04	5.30	5.30	5.28	4.89	5.12
325	Structural clay products .....	(*)	128.58	132.11	121.60	129.97	(*)	3.28	3.27	3.04	3.17
3251	Brick and structural clay tile .....	-	120.59	124.24	113.77	123.97	-	3.10	3.06	2.83	2.98
326	Pottery and related products .....	-	137.94	139.65	129.81	134.92	-	3.51	3.50	3.32	3.39
327	Concrete, gypsum, and plaster products .....	(*)	159.94	166.87	160.93	174.44	(*)	4.08	4.07	3.85	4.01
328,9	Other stone and nonmetallic mineral products .....	(*)	162.76	167.11	149.08	160.58	(*)	3.96	3.96	3.69	3.86
3291	Abrasive products .....	-	168.08	170.15	147.07	159.60	-	4.15	4.10	3.81	3.99

See footnotes at end of table.

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. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
-	<b>TOTAL PRIVATE</b> . . . . .	36.9	36.6	37.2	36.7	37.2	-	-	-	-	-
-	<b>MINING</b> . . . . .	41.2	41.3	42.0	42.4	42.5	-	-	-	-	-
10	METAL MINING . . . . .	-	41.7	42.1	41.1	41.5	-	-	-	-	-
101	Iron ores . . . . .	-	42.9	41.5	41.5	41.2	-	-	-	-	-
102	Copper ores . . . . .	-	41.6	42.5	41.4	41.6	-	-	-	-	-
11,12	COAL MINING . . . . .	-	40.8	40.5	42.3	# 41.0	-	-	-	-	-
12	Bituminous coal and lignite mining . . . . .	-	40.8	40.5	42.5	# 41.0	-	-	-	-	-
13	OIL AND GAS EXTRACTION . . . . .	-	41.1	42.5	42.9	42.8	-	-	-	-	-
131,2	Crude petroleum and natural gas fields . . . . .	-	41.6	41.0	41.7	40.9	-	-	-	-	-
138	Oil and gas field services . . . . .	-	40.8	43.5	43.6	44.2	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS . . . . .	-	42.0	43.0	42.9	44.8	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	42.6	44.2	42.8	46.1	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	34.8	34.7	35.2	35.8	37.0	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS . . . . .	-	33.7	34.2	35.1	35.8	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS . . . . .	-	35.7	36.1	37.9	40.2	-	-	-	-	-
161	Highway and street construction . . . . .	-	34.5	35.2	37.6	40.9	-	-	-	-	-
162	Heavy construction, n e c . . . . .	-	36.5	36.7	38.1	39.6	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS . . . . .	-	35.0	35.4	35.4	36.3	-	-	-	-	-
171	Plumbing, heating, air conditioning . . . . .	-	37.1	37.6	37.4	37.8	-	-	-	-	-
172	Painting, paper hanging, decorating . . . . .	-	33.6	34.5	33.7	34.8	-	-	-	-	-
173	Electrical work . . . . .	-	37.2	38.2	38.3	38.4	-	-	-	-	-
174	Masonry, stonework, and plastering . . . . .	-	29.9	30.7	31.3	33.2	-	-	-	-	-
176	Roofing and sheet metal work . . . . .	-	31.1	29.0	30.5	32.2	-	-	-	-	-
-	<b>MANUFACTURING</b> . . . . .	40.7	40.0	41.2	39.8	40.6	3.7	3.6	3.9	2.8	3.5
19,24,25,32-39	DURABLE GOODS . . . . .	41.6	41.0	42.1	40.3	41.3	4.1	3.9	4.2	2.9	3.6
20-23,26-31	NONDURABLE GOODS . . . . .	39.4	38.7	39.9	39.1	39.7	3.1	3.1	3.5	2.9	3.3
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES . . . . .	42.8	42.4	42.9	41.7	42.2	-	2.8	3.5	2.7	3.1
192	Ammunition, except for small arms . . . . .	(*)	42.9	43.4	41.5	42.3	-	2.9	3.6	2.4	3.0
1925	Complete guided missiles . . . . .	-	45.4	46.1	43.9	43.9	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec . . . . .	-	40.8	41.2	40.2	41.0	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	40.0	39.0	39.8	40.0	41.0	-	3.4	3.9	3.6	4.2
242	Sawmills and planing mills . . . . .	(*)	38.5	40.1	40.2	41.1	-	3.4	4.2	4.0	4.6
2421	Sawmills and planing mills, general . . . . .	-	38.5	40.1	40.1	41.2	-	-	-	-	-
243	Millwork, plywood & related products . . . . .	(*)	39.9	40.0	41.0	41.3	-	3.7	3.7	3.6	4.0
2431	Millwork . . . . .	-	38.9	39.0	40.0	40.0	-	-	-	-	-
2432	Veneer and plywood . . . . .	-	41.3	40.8	42.8	42.7	-	-	-	-	-
244	Wooden containers . . . . .	(*)	37.1	39.1	38.4	39.5	-	2.4	3.2	2.3	3.1
2441,2	Wooden boxes, shooks, and crates . . . . .	-	37.4	39.7	38.3	39.7	-	-	-	-	-
249	Miscellaneous wood products . . . . .	(*)	40.1	41.5	40.1	41.4	-	3.3	4.2	3.5	4.1
25	FURNITURE AND FIXTURES . . . . .	39.6	38.3	40.8	39.7	40.5	-	2.6	3.5	2.8	3.2
251	Household furniture . . . . .	(*)	38.0	40.8	39.7	40.4	-	2.5	3.5	2.8	3.2
2511	Wood household furniture . . . . .	-	38.6	41.0	40.3	40.9	-	3.1	3.7	3.4	3.5
2512	Upholstered household furniture . . . . .	-	36.8	41.0	39.3	40.0	-	-	-	-	-
2515	Mattresses and bedsprings . . . . .	-	38.3	40.3	37.7	39.0	-	-	-	-	-
252	Office furniture . . . . .	-	40.5	42.6	41.2	42.0	-	3.1	4.6	3.9	4.3
254	Partitions and fixtures . . . . .	-	38.5	39.9	39.2	40.1	-	2.9	3.2	2.2	3.2
253,9	Other furniture and fixtures . . . . .	(*)	39.4	40.4	39.2	40.1	-	2.7	3.0	2.5	2.9
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	41.3	40.3	41.5	40.9	41.9	-	4.0	4.4	4.0	4.7
321	Flat glass . . . . .	-	42.4	46.2	43.1	43.0	-	4.7	5.8	4.9	4.5
322	Glass and glassware, pressed or blown . . . . .	40.7	40.4	40.8	40.3	40.6	-	4.2	4.3	3.9	4.3
3221	Glass containers . . . . .	-	40.8	41.2	41.0	41.1	-	-	-	-	-
3229	Pressed and blown glass, n e c . . . . .	-	39.9	40.2	39.4	40.0	-	3.4	3.1	3.0	3.4
324	Cement, hydraulic . . . . .	42.4	41.9	42.1	41.9	42.0	-	3.6	3.4	3.4	3.3
325	Structural clay products . . . . .	(*)	39.2	40.4	40.0	41.0	-	3.4	3.9	3.3	4.1
3251	Brick and structural clay tile . . . . .	-	38.9	40.6	40.2	41.6	-	-	-	-	-
326	Pottery and related products . . . . .	-	39.3	39.9	39.1	39.8	-	2.5	2.8	2.2	2.6
327	Concrete, gypsum and plaster products . . . . .	(*)	39.2	41.0	41.8	43.5	-	4.5	5.1	5.2	6.5
328,9	Other stone and nonmetallic mineral products . . . . .	(*)	41.1	42.2	40.4	41.6	-	3.9	4.3	3.1	3.9
3291	Abrasive products . . . . .	-	40.5	41.5	38.6	40.0	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Durable Goods--Continued</i>											
33	<b>PRIMARY METAL INDUSTRIES</b>	\$206.67	\$205.64	\$203.94	\$183.92	\$193.86	\$4.84	\$4.85	\$4.81	\$4.53	\$4.66
331	Blast furnace and basic steel products ..	(*)	219.24	213.93	197.38	207.14	(*)	5.22	5.18	4.91	5.04
3312	Blast furnaces and steel mills .....	-	223.21	216.24	200.70	210.12	-	5.34	5.30	5.03	5.15
332	Iron and steel foundries .....	195.22	192.50	197.55	175.94	182.71	4.54	4.54	4.50	4.26	4.34
3321	Gray iron foundries .....	-	197.34	202.94	179.74	186.15	-	4.60	4.54	4.30	4.38
3322	Malleable iron foundries .....	-	205.16	211.79	191.52	198.66	-	4.76	4.77	4.56	4.62
3323	Steel foundries .....	-	172.98	176.81	158.40	167.27	-	4.25	4.24	4.00	4.12
333,4	Nonferrous metals .....	194.04	194.04	194.50	177.18	185.59	4.62	4.62	4.62	4.29	4.44
3334	Primary aluminum .....	-	214.95	213.69	195.23	205.92	-	5.13	5.10	4.75	4.95
335	Nonferrous rolling and drawing .....	195.70	197.47	197.98	172.22	185.32	4.53	4.55	4.52	4.16	4.33
3351	Copper rolling and drawing .....	-	201.12	203.84	165.22	184.44	-	4.54	4.55	4.02	4.24
3352	Aluminum rolling and drawing .....	-	197.90	197.94	178.46	190.48	-	4.56	4.54	4.29	4.44
3357	Nonferrous wire drawing and insulating ..	-	198.29	197.52	171.81	182.75	-	4.59	4.52	4.14	4.29
336	Nonferrous foundries .....	172.61	170.14	172.18	151.98	160.72	4.10	4.08	4.08	3.79	3.92
3361	Aluminum castings .....	-	173.45	175.56	156.39	164.42	-	4.21	4.19	3.90	4.03
3362,9	Other nonferrous castings .....	-	165.87	168.27	147.57	156.56	-	3.94	3.95	3.68	3.80
339	Miscellaneous primary metal products ..	222.50	218.06	217.63	186.65	199.39	5.00	4.99	4.98	4.62	4.77
3391	Iron and steel forgings .....	-	235.23	233.38	194.40	209.66	-	5.31	5.28	4.86	5.04
34	<b>FABRICATED METAL PRODUCTS</b>	171.40	169.33	173.87	155.98	164.39	4.14	4.13	4.13	3.88	3.99
341	Metal cans .....	(*)	203.63	206.78	185.85	202.06	(*)	4.86	4.82	4.50	4.71
342	Cutlery, hand tools, and hardware .....	163.15	162.76	165.51	150.26	155.77	3.96	3.96	3.95	3.71	3.79
3421,3,5	Cutlery and hand tools, incl. saws .....	-	158.98	160.86	144.59	151.20	-	3.84	3.83	3.57	3.67
3429	Hardware, n e c .....	-	166.05	168.47	154.31	159.47	-	4.06	4.04	3.81	3.88
343	Plumbing and heating, except electric ..	155.52	152.04	157.80	141.73	149.08	3.84	3.82	3.83	3.57	3.69
3431,2	Sanitary ware & plumbers' brass goods ..	-	154.84	162.24	146.16	151.37	-	3.91	3.90	3.60	3.71
3433	Heating equipment, except electric .....	-	148.80	153.41	137.35	146.03	-	3.72	3.76	3.54	3.66
344	Fabricated structural metal products .....	(*)	161.16	160.05	153.25	159.98	(*)	4.08	4.09	3.87	3.96
3441	Fabricated structural steel .....	-	167.09	175.11	162.41	168.92	-	4.23	4.24	4.01	4.11
3442	Metal doors, sash, and trim .....	-	126.07	129.20	123.39	127.40	-	3.38	3.40	3.23	3.25
3443	Fabricated plate work (boiler shops) ..	-	170.02	175.53	159.19	167.25	-	4.24	4.25	4.02	4.15
3444	Sheet metal work .....	-	176.88	180.78	164.36	173.79	-	4.40	4.42	4.14	4.27
3446,9	Architectural and misc. metal work .....	-	157.18	162.72	146.52	154.63	-	3.91	3.94	3.70	3.79
345	Screw machine products, bolts, etc. ....	(*)	176.55	176.88	160.55	168.60	(*)	4.04	4.02	3.85	3.93
3451	Screw machine products .....	-	169.38	167.70	152.18	162.35	-	3.93	3.90	3.73	3.82
3452	Bolts, nuts, rivets, and washers .....	-	183.40	184.58	167.45	174.50	-	4.14	4.12	3.94	4.03
346	Metal stampings .....	195.50	196.39	206.96	170.45	185.66	4.60	4.61	4.63	4.24	4.41
347	Metal services, n e c .....	142.71	142.36	144.89	137.26	140.24	3.55	3.55	3.56	3.44	3.48
348	Misc. fabricated wire products .....	148.23	149.33	151.06	139.49	145.20	3.66	3.66	3.64	3.47	3.55
349	Misc. fabricated metal products .....	(*)	165.65	168.04	151.93	159.49	(*)	4.05	4.02	3.77	3.89
3494,8	Valves, pipe, and pipe fittings .....	-	168.10	171.77	154.73	161.93	-	4.09	4.08	3.83	3.94
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	189.59	188.26	192.70	170.56	179.34	4.44	4.44	4.44	4.16	4.27
351	Engines and turbines .....	(*)	211.92	217.07	190.59	199.13	(*)	5.01	5.06	4.66	4.81
3511	Steam engines and turbines .....	-	198.21	203.45	196.65	197.21	-	4.87	4.95	4.75	4.81
3519	Internal combustion engines, n e c .....	-	218.01	223.82	187.63	200.51	-	5.07	5.11	4.61	4.82
352	Farm machinery .....	-	188.52	197.83	172.99	182.25	-	4.51	4.59	4.24	4.36
353	Construction and related machinery .....	192.98	188.97	190.42	167.66	178.46	4.53	4.51	4.47	4.15	4.29
3531,2	Construction and mining machinery .....	-	199.18	199.33	173.63	186.37	-	4.72	4.69	4.33	4.48
3533	Oil field machinery .....	-	173.02	179.45	164.25	171.14	-	4.10	4.06	3.92	3.98
3535,6	Conveyors, hoists, cranes, monorails ..	-	179.14	186.14	163.60	173.46	-	4.38	4.39	4.00	4.20
3537	Industrial trucks and tractors .....	-	174.72	170.54	149.75	158.00	-	4.17	4.08	3.83	3.95
354	Metal working machinery .....	(*)	208.56	212.40	189.00	198.29	(*)	4.74	4.72	4.50	4.59
3541	Machine tools, metal cutting types .....	-	213.28	217.49	174.84	194.71	-	4.75	4.78	4.36	4.56
3544	Special dies, tools, jigs & fixtures .....	-	231.80	233.43	215.74	220.46	-	5.05	5.02	4.87	4.91
3545	Machine tool accessories .....	-	187.04	190.53	165.22	176.40	-	4.37	4.36	4.11	4.22
3542,8	Misc. metal working machinery .....	-	177.89	185.74	165.23	174.29	-	4.36	4.36	4.10	4.22
355	Special industry machinery .....	(*)	174.31	181.36	156.75	167.60	(*)	4.17	4.15	3.88	4.00
3551	Food products machinery .....	-	179.76	184.47	158.40	172.64	-	4.28	4.28	4.00	4.14
3552	Textile machinery .....	-	137.09	150.10	130.20	137.36	-	3.57	3.54	3.33	3.40
3555	Printing trades machinery .....	-	205.04	209.28	188.79	200.25	-	4.66	4.63	4.35	4.50
356	General industrial machinery .....	190.44	187.81	194.01	167.27	178.91	4.46	4.44	4.46	4.12	4.27
3561	Pumps and compressors .....	-	179.26	192.72	162.81	174.30	-	4.33	4.40	4.01	4.16
3562	Ball and roller bearings .....	-	209.57	208.71	176.79	190.46	-	4.72	4.69	4.26	4.45
3564	Blowers and fans .....	-	160.00	172.13	151.26	159.92	-	4.00	4.05	3.81	3.91
3566	Power transmission equipment .....	-	194.48	195.80	167.69	181.05	-	4.43	4.44	4.11	4.26
357	Office and computing machines .....	178.50	177.66	185.30	167.25	175.53	4.21	4.20	4.25	4.03	4.13
3573	Electronic computing equipment .....	-	184.47	190.02	178.88	182.71	-	4.28	4.27	4.16	4.21
358	Service industry machines .....	(*)	160.39	169.71	149.23	157.12	(*)	4.03	4.06	3.74	3.87
3585	Refrigeration machinery .....	-	162.81	172.99	150.42	158.32	-	4.05	4.08	3.77	3.89
359	Misc. machinery, except electrical .....	181.47	183.18	182.31	166.42	173.02	4.24	4.26	4.23	4.01	4.10

See footnotes at end of table.



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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	42.7	42.4	42.4	40.6	41.6	-	4.5	4.4	3.1	3.7
331	Blast furnace and basic steel products	(*)	42.0	41.3	40.2	41.1	-	3.5	3.1	2.3	2.7
3312	Blast furnaces and steel mills	-	41.8	40.8	39.9	40.8	-	3.2	2.7	2.1	2.4
332	Iron and steel foundries	43.0	42.4	43.9	41.3	42.1	-	5.7	5.8	4.2	4.8
3321	Gray iron foundries	-	42.9	44.7	41.8	42.5	-	6.4	6.4	4.7	5.3
3322	Malleable iron foundries	-	43.1	44.4	42.0	43.0	-	-	-	-	-
3323	Steel foundries	-	40.7	41.7	39.6	40.6	-	4.0	4.2	2.6	3.2
333,4	Nonferrous metals	42.0	42.0	42.1	41.3	41.8	-	4.0	4.3	3.7	3.9
3334	Primary aluminum	-	41.9	41.9	41.1	41.6	-	-	-	-	-
335	Nonferrous rolling and drawing	43.2	43.4	43.8	41.4	42.8	-	5.8	6.1	3.4	5.0
3351	Copper rolling and drawing	-	44.3	44.8	41.1	43.5	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.4	43.6	41.6	42.9	-	6.0	6.0	3.8	5.2
3357	Nonferrous wire drawing and insulating	-	43.2	43.7	41.5	42.6	-	5.7	6.1	3.6	4.8
336	Nonferrous foundries	42.1	41.7	42.2	40.1	41.0	-	4.7	4.5	3.0	3.7
3361	Aluminum castings	-	41.2	41.9	40.1	40.8	-	-	-	-	-
3362,9	Other nonferrous castings	-	42.1	42.6	40.1	41.2	-	-	-	-	-
339	Miscellaneous primary metal products	44.5	43.7	43.7	40.4	41.8	-	5.9	6.1	3.5	4.6
3391	Iron and steel forgings	-	44.3	44.2	40.0	41.6	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.4	41.0	42.1	40.2	41.2	-	3.8	4.1	2.8	3.5
341	Metal cans	(*)	41.9	42.9	41.3	42.9	-	3.3	3.3	3.1	4.0
342	Cutlery, hand tools, and hardware	41.2	41.1	41.9	40.5	41.1	-	3.8	4.0	2.8	3.3
3421,3,5	Cutlery and hand tools, incl. saws	-	41.4	42.0	40.5	41.2	-	-	-	-	-
3429	Hardware, n e c	-	40.9	41.7	40.5	41.1	-	-	-	-	-
343	Plumbing and heating, except electric	40.5	39.8	41.2	39.7	40.4	-	3.0	3.8	2.5	3.0
3431,2	Sanitary ware & plumbers' brass goods	-	39.6	41.6	40.6	40.8	-	-	-	-	-
3433	Heating equipment, except electric	-	40.0	40.8	38.8	39.9	-	-	-	-	-
344	Fabricated structural metal products	(*)	39.5	40.6	39.6	40.4	-	2.8	3.2	2.3	3.0
3441	Fabricated structural steel	-	39.5	41.3	40.5	41.1	-	2.9	3.2	2.7	3.3
3442	Metal doors, sash, and trim	-	37.3	38.0	38.2	39.2	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	40.1	41.3	39.6	40.3	-	2.7	3.3	2.3	2.6
3444	Sheet metal work	-	40.2	40.9	39.7	40.7	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	40.2	41.3	39.6	40.8	-	-	-	-	-
345	Screw machine products, bolts, etc.	(*)	43.7	44.0	41.7	42.9	-	5.9	6.0	4.4	5.0
3451	Screw machine products	-	43.1	43.0	40.8	42.5	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	44.3	44.8	42.5	43.3	-	-	-	-	-
346	Metal stampings	42.5	42.6	44.7	40.2	42.1	-	5.1	5.5	2.7	4.3
347	Metal services, n e c	40.2	40.1	40.7	39.9	40.3	-	3.7	3.9	3.2	3.7
348	Misc. fabricated wire products	40.5	40.8	41.5	40.2	40.9	-	4.0	3.7	2.8	3.3
349	Misc. fabricated metal products	(*)	40.9	41.8	40.3	41.0	-	3.7	3.9	3.0	3.4
3494,8	Valves, pipe, and pipe fittings	-	41.1	42.1	40.4	41.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.7	42.4	43.4	41.0	42.0	-	4.6	4.9	2.9	3.8
351	Engines and turbines	(*)	42.3	42.9	40.9	41.4	-	5.0	5.4	3.4	4.1
3511	Steam engines and turbines	-	40.7	41.1	41.4	41.0	-	-	-	-	-
3519	Internal combustion engines, n e c	-	43.0	43.8	40.7	41.6	-	-	-	-	-
352	Farm machinery	-	41.8	43.1	40.8	41.8	-	4.3	4.7	3.0	4.0
353	Construction and related machinery	42.6	41.9	42.6	40.4	41.6	-	4.2	3.8	2.4	3.1
3531,2	Construction and mining machinery	-	42.2	42.5	40.1	41.6	-	4.2	3.3	2.2	2.9
3533	Oil field machinery	-	42.2	44.2	41.9	43.0	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	40.9	42.4	40.9	41.3	-	-	-	-	-
3537	Industrial trucks and tractors	-	41.9	41.8	39.1	40.0	-	-	-	-	-
354	Metal working machinery	(*)	44.0	45.0	42.0	43.2	-	6.1	6.5	3.5	4.9
3541	Machine tools, metal cutting types	-	44.9	45.5	40.1	42.7	-	6.2	6.9	2.0	4.2
3544	Special dies, tools, jigs, & fixtures	-	45.9	46.5	44.3	44.9	-	-	-	-	-
3545	Machine tool accessories	-	42.8	43.7	40.2	41.8	-	4.6	5.1	2.1	3.4
3542,8	Misc. metal working machinery	-	40.8	42.6	40.3	41.3	-	-	-	-	-
355	Special industry machinery	(*)	41.8	43.7	40.4	41.9	-	4.3	5.0	2.6	3.6
3551	Food products machinery	-	42.0	43.1	39.6	41.7	-	-	-	-	-
3552	Textile machinery	-	38.4	42.4	39.1	40.4	-	-	-	-	-
3555	Printing trades machinery	-	44.0	45.2	43.4	44.5	-	-	-	-	-
356	General industrial machinery	42.7	42.3	43.5	40.6	41.9	-	4.3	5.2	2.5	3.8
3561	Pumps and compressors	-	41.4	43.8	40.6	41.9	-	3.4	5.4	2.7	3.7
3562	Ball and roller bearings	-	44.4	44.5	41.5	42.8	-	5.8	6.2	2.9	4.5
3564	Blowers and fans	-	40.0	42.5	39.7	40.9	-	-	-	-	-
3566	Power transmission equipment	-	43.9	44.1	40.8	42.5	-	5.8	5.8	2.6	4.1
357	Office and computing machines	42.4	42.3	43.6	41.5	42.5	-	3.3	3.8	2.5	3.1
3573	Electronic computing equipment	-	43.1	44.5	43.0	43.4	-	-	-	-	-
358	Service industry machines	(*)	39.8	41.8	39.9	40.6	-	2.6	3.3	2.0	2.7
3585	Refrigeration machinery	-	40.2	42.4	39.9	40.7	-	2.7	3.6	1.9	2.7
359	Misc. machinery, except electrical	42.8	43.0	43.1	41.5	42.2	-	5.6	5.2	4.0	4.5

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

84

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

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$154.60	\$153.14	\$155.77	\$143.24	\$148.64	\$3.78	\$3.80	\$3.79	\$3.59	\$3.67
361	Electric test & distributing equipment ...	(*)	157.87	162.99	150.66	155.80	(*)	3.86	3.89	3.72	3.80
3611	Electric measuring instruments .....	-	139.32	140.76	133.46	138.04	-	3.44	3.45	3.32	3.40
3612	Transformers .....	-	161.48	162.96	147.13	153.87	-	3.91	3.88	3.66	3.79
3613	Switchgear and switchboard apparatus..	-	170.54	181.47	165.24	170.57	-	4.18	4.24	4.04	4.11
362	Electrical industrial apparatus .....	(*)	157.08	162.57	148.19	154.50	(*)	3.85	3.88	3.65	3.75
3621	Motors and generators .....	-	161.50	164.67	151.40	157.73	-	3.92	3.93	3.72	3.81
3622	Industrial controls .....	-	142.60	153.55	137.71	145.40	-	3.61	3.70	3.46	3.59
363	Household appliances .....	(*)	159.60	161.96	152.00	158.28	(*)	4.01	3.96	3.80	3.87
3632	Household refrigerators and freezers...	-	172.61	172.18	170.57	173.89	-	4.21	4.22	4.13	4.17
3633	Household laundry equipment .....	-	183.92	179.95	165.19	172.08	-	4.53	4.51	4.14	4.27
3634	Electric housewares and fans .....	-	119.13	129.85	121.37	125.69	-	3.30	3.23	3.12	3.15
364	Electric lighting and wiring equipment...	142.56	144.44	146.93	133.96	139.60	3.60	3.62	3.61	3.40	3.49
3641	Electric lamps .....	-	151.00	151.70	136.57	143.47	-	3.71	3.70	3.44	3.56
3642	Lighting fixtures .....	-	145.41	149.45	135.37	140.18	-	3.70	3.69	3.48	3.54
3643,4	Wiring devices .....	-	141.20	143.62	132.20	137.48	-	3.53	3.52	3.33	3.42
365	Radio and TV receiving equipment .....	(*)	139.08	139.25	125.30	130.20	(*)	3.53	3.49	3.28	3.33
366	Communication equipment .....	(*)	172.06	177.62	159.99	166.46	(*)	4.28	4.28	3.97	4.10
3661	Telephone and telegraph apparatus .....	-	174.03	177.86	158.00	165.60	-	4.34	4.37	3.99	4.14
3662	Radio and TV communication equipment	-	170.47	177.24	161.56	166.46	-	4.23	4.22	3.95	4.06
367	Electronic components and accessories..	(*)	127.28	127.43	118.69	123.60	(*)	3.19	3.17	3.02	3.09
3671-3	Electron tubes .....	-	164.01	159.80	133.86	147.42	-	3.85	3.86	3.45	3.64
3674,9	Other electronic components .....	-	120.96	122.00	115.84	119.30	-	3.07	3.05	2.94	2.99
369	Misc. electrical equipment & supplies....	(*)	185.32	183.18	165.63	169.74	(*)	4.33	4.28	4.03	4.09
3694	Engine electrical equipment .....	-	199.61	195.65	171.35	177.62	-	4.61	4.55	4.21	4.28
37	TRANSPORTATION EQUIPMENT .....	212.57	209.08	219.44	185.09	197.71	4.99	4.99	5.01	4.57	4.73
371	Motor vehicles and equipment .....	(*)	237.80	252.65	202.46	219.22	(*)	5.38	5.41	4.95	5.11
3711	Motor vehicles .....	-	244.20	269.20	204.06	227.16	-	5.55	5.62	5.14	5.32
3712	Passenger car bodies .....	-	226.29	256.66	219.63	233.80	-	5.70	5.82	5.37	5.58
3713	Truck and bus bodies .....	-	182.28	184.47	158.75	172.63	-	4.34	4.31	3.91	4.13
3714	Motor vehicle parts and accessories ...	-	244.34	248.38	206.29	220.18	-	5.37	5.33	4.90	5.05
3715	Truck trailers .....	-	153.24	155.59	144.63	149.85	-	3.86	3.88	3.58	3.70
372	Aircraft and parts .....	(*)	199.26	207.69	182.13	193.44	(*)	4.86	4.91	4.41	4.65
3721	Aircraft .....	-	202.78	212.69	185.15	197.66	-	4.97	4.94	4.44	4.74
3722	Aircraft engines and engine parts .....	-	203.20	212.15	180.45	193.17	-	4.92	4.98	4.50	4.70
3723,9	Other aircraft parts and equipment .....	-	186.18	191.20	177.24	183.10	-	4.53	4.52	4.22	4.37
373	Ship and boat building and repairing .....	(*)	162.21	163.83	156.41	162.78	(*)	4.28	4.19	3.98	4.09
3731	Ship building and repairing .....	-	175.10	173.44	164.61	172.70	-	4.56	4.47	4.21	4.35
3732	Boat building and repairing .....	-	126.98	136.46	130.07	133.46	-	3.46	3.42	3.26	3.32
374	Railroad equipment .....	-	171.96	182.57	189.92	189.34	-	4.79	4.83	4.76	4.83
375,9	Other transportation equipment .....	-	132.47	134.92	128.31	138.16	-	3.59	3.56	3.35	3.48
38	INSTRUMENTS AND RELATED PRODUCTS ..	154.28	154.35	157.03	146.77	150.66	3.80	3.83	3.83	3.66	3.72
381	Engineering & scientific instruments .....	-	177.61	181.90	167.26	173.01	-	4.29	4.29	4.14	4.23
382	Mechanical measuring & control devices..	(*)	151.90	151.00	140.30	145.16	(*)	3.76	3.71	3.57	3.62
3821	Mechanical measuring devices .....	-	148.85	149.45	140.01	145.20	-	3.74	3.69	3.59	3.63
3822	Automatic temperature controls .....	-	156.11	152.97	140.94	145.48	-	3.78	3.74	3.55	3.61
383,5	Optical and ophthalmic goods .....	(*)	139.09	140.88	127.98	134.40	(*)	3.46	3.47	3.29	3.36
385	Ophthalmic goods .....	-	125.44	126.15	116.97	123.72	-	3.20	3.21	3.07	3.14
384	Medical instruments and supplies .....	(*)	134.98	135.54	129.04	132.66	(*)	3.40	3.38	3.21	3.30
386	Photographic equipment and supplies .....	(*)	192.92	202.26	187.68	189.39	(*)	4.66	4.69	4.49	4.52
387	Watches, clocks, and watchcases .....	-	117.18	118.58	113.10	116.92	-	3.10	3.08	2.90	2.96
39	MISC. MANUFACTURING INDUSTRIES .....	125.97	124.42	125.69	119.20	122.22	3.23	3.24	3.19	3.08	3.11
391	Jewelry, silverware, and plated ware....	132.52	133.63	143.62	126.28	133.91	3.46	3.48	3.52	3.28	3.39
394	Toys and sporting goods .....	-	113.24	112.42	109.06	111.04	-	2.98	2.92	2.84	2.84
3941-3	Games, toys, dolls & play vehicles .....	-	106.64	104.62	102.86	105.98	-	2.89	2.82	2.78	2.76
3949	Sporting and athletic goods, n e c .....	-	119.65	120.40	114.05	116.91	-	3.06	3.01	2.88	2.93
395	Pens, pencils, office and art supplies....	-	124.03	130.49	124.18	126.95	-	3.23	3.23	3.12	3.15
396	Costume jewelry and notions .....	-	112.35	113.19	110.88	112.42	-	2.98	2.94	2.88	2.89
393,9	Other manufacturing industries .....	134.75	133.04	133.06	126.43	129.96	3.42	3.42	3.36	3.25	3.29
393	Musical instruments and parts .....	-	126.87	130.80	125.36	126.72	-	3.33	3.27	3.08	3.16
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS .....	148.13	149.25	151.40	140.14	145.44	3.75	3.75	3.72	3.53	3.60
201	Meat products .....	(*)	155.62	158.38	147.29	151.93	(*)	3.97	3.93	3.71	3.77
2011	Meat packing plants .....	-	190.70	194.37	180.43	184.54	-	4.64	4.65	4.39	4.49
2013	Sausages and other prepared meats .....	-	172.18	179.58	160.66	170.02	-	4.37	4.38	4.13	4.24
2015	Poultry dressing plants .....	-	89.03	93.00	87.78	93.21	-	2.48	2.48	2.31	2.39

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.9	40.3	41.1	39.9	40.5	-	2.9	3.3	2.2	2.7
361	Electric test & distributing equipment	(*)	40.9	41.9	40.5	41.0	-	2.7	3.5	2.2	2.8
3611	Electric measuring instruments	-	40.5	40.8	40.2	40.6	-	2.7	2.8	2.1	2.5
3612	Transformers	-	41.3	42.0	40.2	40.6	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	40.8	42.8	40.9	41.5	-	-	-	-	-
362	Electrical industrial apparatus	(*)	40.8	41.9	40.6	41.2	-	3.2	4.0	2.4	3.1
3621	Motors and generators	-	41.2	41.9	40.7	41.4	-	3.4	4.0	2.4	3.2
3622	Industrial controls	-	39.5	41.5	39.8	40.5	-	1.8	3.8	1.6	2.6
363	Household appliances	(*)	39.8	40.9	40.0	40.9	-	3.1	3.4	2.4	2.9
3632	Household refrigerators and freezers	-	41.0	40.8	41.3	41.7	-	-	-	-	-
3633	Household laundry equipment	-	40.6	39.9	39.9	40.3	-	-	-	-	-
3634	Electric housewares and fans	-	36.1	40.2	38.9	39.9	-	2.0	2.7	1.7	2.4
364	Electric lighting and wiring equipment	39.6	39.9	40.7	39.4	40.0	-	2.5	3.0	2.0	2.5
3641	Electric lamps	-	40.7	41.0	39.7	40.3	-	2.4	2.6	1.6	2.1
3642	Lighting fixtures	-	39.3	40.5	38.9	39.6	-	2.4	3.1	2.1	2.5
3643,4	Wiring devices	-	40.0	40.8	39.7	40.2	-	2.6	3.1	2.2	2.5
365	Radio and TV receiving equipment	(*)	39.4	39.9	38.2	39.1	-	2.7	2.8	1.4	2.1
366	Communication equipment	(*)	40.2	41.5	40.3	40.6	-	2.2	3.1	1.9	2.3
3661	Telephone and telegraph apparatus	-	40.1	40.7	39.6	40.0	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.3	42.0	40.9	41.0	-	2.2	3.4	2.6	2.7
367	Electronic components and accessories	(*)	39.9	40.2	39.3	40.0	-	3.0	3.0	2.3	2.7
3671-3	Electron tubes	-	42.6	41.4	38.8	40.5	-	3.7	3.5	1.7	2.6
3674,9	Other electronic components	-	39.4	40.0	39.4	39.9	-	2.9	2.9	2.4	2.7
369	Misc. electrical equipment & supplies	(*)	42.8	42.8	41.1	41.5	-	4.7	4.6	3.2	3.4
3694	Engine electrical equipment	-	43.3	43.0	40.7	41.5	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	42.6	41.9	43.8	40.5	41.8	-	4.8	5.2	2.4	4.0
371	Motor vehicles and equipment	(*)	44.2	46.7	40.9	42.9	-	6.4	7.0	2.2	4.9
3711	Motor vehicles	-	44.0	47.9	39.7	42.7	-	6.3	7.7	2.3	4.9
3712	Passenger car bodies	-	39.7	44.1	40.9	41.9	-	-	-	-	-
3713	Truck and bus bodies	-	42.0	42.8	40.6	41.8	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	45.5	46.6	42.1	43.6	-	7.3	6.8	2.0	5.1
3715	Truck trailers	-	39.7	40.1	40.4	40.5	-	-	-	-	-
372	Aircraft and parts	(*)	41.0	42.3	41.3	41.6	-	3.1	3.6	2.7	3.1
3721	Aircraft	-	40.8	42.2	41.7	41.7	-	2.8	2.8	2.6	2.7
3722	Aircraft engines and engine parts	-	41.3	42.6	40.1	41.1	-	3.5	4.9	2.2	3.2
3723,9	Other aircraft parts and equipment	-	41.1	42.3	42.0	41.9	-	3.2	4.0	3.7	3.8
373	Ship and boat building and repairing	(*)	37.9	39.1	39.3	39.8	-	3.4	3.2	2.9	3.1
3731	Ship building and repairing	-	38.4	38.8	39.1	39.7	-	-	-	-	-
3732	Boat building and repairing	-	36.7	39.9	39.9	40.2	-	-	-	-	-
374	Railroad equipment	-	35.9	37.8	39.9	39.2	-	1.2	1.1	2.5	2.1
375,9	Other transportation equipment	-	36.9	37.9	38.3	39.7	-	2.0	2.3	1.9	3.1
38	INSTRUMENTS AND RELATED PRODUCTS	40.6	40.3	41.0	40.1	40.5	-	2.8	3.2	2.5	2.7
381	Engineering & scientific instruments	-	41.4	42.4	40.4	40.9	-	3.4	4.6	2.5	3.1
382	Mechanical measuring & control devices	(*)	40.4	40.7	39.3	40.1	-	3.2	3.1	2.1	2.7
3821	Mechanical measuring devices	-	39.8	40.5	39.0	40.0	-	2.4	2.7	2.1	2.5
3822	Automatic temperature controls	-	41.3	40.9	39.7	40.3	-	4.2	3.5	2.2	2.9
383,5	Optical and ophthalmic goods	(*)	40.2	40.6	38.9	40.0	-	2.6	3.0	1.9	2.5
385	Ophthalmic goods	-	39.2	39.3	38.1	39.4	-	2.1	2.2	1.8	2.3
384	Medical instruments and supplies	(*)	39.7	40.1	40.2	40.2	-	2.6	2.5	2.4	2.4
386	Photographic equipment and supplies	(*)	41.4	42.7	41.8	41.9	-	2.8	3.9	3.6	3.2
387	Watches, clocks, and watch cases	-	37.8	38.5	39.0	39.5	-	2.2	2.2	1.9	2.1
39	MISC. MANUFACTURING INDUSTRIES	39.0	38.4	39.4	38.7	39.3	-	2.5	2.9	2.0	2.6
391	Jewelry, silverware, and plated ware	38.3	38.4	40.8	38.5	39.5	-	3.0	4.6	2.2	3.0
394	Toys and sporting goods	-	38.0	38.5	38.4	39.1	-	2.1	2.5	1.9	2.6
3941-3	Games, toys, dolls, & play vehicles	-	36.9	37.1	37.0	38.4	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	39.1	40.0	39.6	39.9	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	38.4	40.4	39.8	40.3	-	2.5	3.1	2.0	2.6
396	Costume jewelry and notions	-	37.7	38.5	38.5	38.9	-	2.2	2.5	2.4	2.4
393,9	Other manufacturing industries	39.4	38.9	39.6	38.9	39.5	-	2.6	2.8	2.0	2.5
393	Musical instruments and parts	-	38.1	40.0	40.7	40.1	-	1.4	2.8	3.1	2.6
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	39.5	39.8	40.7	39.7	40.4	-	3.7	4.1	3.5	3.9
201	Meat products	(*)	39.2	40.3	39.7	40.3	-	3.7	4.1	4.0	4.0
2011	Meat packing plants	-	41.1	41.8	41.1	41.1	-	4.1	4.3	4.5	4.1
2013	Sausages and other prepared meats	-	39.4	41.0	38.9	40.1	-	-	-	-	-
2015	Poultry dressing plants	-	35.9	37.5	38.0	39.0	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA

## HOURS AND EARNINGS

86

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<i>Nondurable Goods--Continued</i>											
<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products .....	\$154.22	\$154.57	\$155.70	\$146.37	\$151.48	\$3.78	\$3.77	\$3.77	\$3.57	\$3.65
2024	Ice cream and frozen desserts .....	-	140.63	143.63	136.76	143.11	-	3.75	3.75	3.48	3.56
2026	Fluid milk .....	-	163.80	165.03	153.59	159.64	-	3.90	3.92	3.71	3.81
203	Canned, cured, and frozen foods .....	-	118.44	119.66	110.92	115.89	-	3.15	3.10	2.95	3.01
2031,6	Canned, cured, and frozen sea foods .....	-	85.39	92.49	82.62	90.22	-	2.66	2.65	2.43	2.60
2032,3	Canned food, except sea foods .....	-	134.68	132.26	125.90	125.19	-	3.48	3.40	3.27	3.21
2037	Frozen fruits and vegetables .....	-	114.62	115.78	102.38	109.93	-	2.88	2.88	2.68	2.79
204	Grain mill products .....	175.16	178.80	181.15	162.06	169.93	3.99	4.00	3.99	3.70	3.81
2041	Flour and other grain mill products .....	-	186.85	195.34	178.30	186.19	-	4.18	4.21	3.91	4.03
2042	Prepared feeds for animals and fowls .....	-	160.51	163.79	145.40	150.27	-	3.52	3.53	3.26	3.31
205	Bakery products .....	148.96	148.58	152.78	139.32	147.31	3.80	3.80	3.81	3.60	3.72
2051	Bread, cake, and related products .....	-	147.07	151.67	140.12	148.16	-	3.81	3.83	3.63	3.77
2052	Cookies and crackers .....	-	154.57	156.29	134.98	143.02	-	3.77	3.73	3.47	3.54
206	Sugar .....	-	150.67	152.30	147.55	152.35	-	3.44	3.34	3.59	3.68
2067	Confectionery and related products .....	121.73	123.33	121.45	120.20	127.12	3.29	3.28	3.23	3.09	3.21
2071	Confectionery products .....	-	117.61	116.06	115.12	122.22	-	3.17	3.12	2.99	3.11
208	Beverages (*) .....	(*)	166.80	171.54	158.32	167.18	(*)	4.31	4.31	4.07	4.19
2082	Malt liquors .....	-	227.60	229.96	211.33	225.50	-	5.69	5.65	5.27	5.50
2086	Bottled and canned soft drinks .....	-	122.36	126.88	114.82	123.55	-	3.22	3.27	2.99	3.12
209	Misc. foods and kindred products .....	(*)	150.70	157.25	140.76	148.26	(*)	3.64	3.64	3.40	3.53
21	<b>TOBACCO MANUFACTURES</b> .....	129.23	122.09	126.34	113.21	119.02	3.63	3.57	3.49	3.32	3.43
211	Cigarettes .....	-	138.74	145.32	127.52	135.29	-	4.23	4.20	4.01	4.15
212	Cigars .....	-	92.48	92.63	87.75	89.65	-	2.52	2.49	2.34	2.41
22	<b>TEXTILE MILL PRODUCTS</b> .....	117.10	111.54	118.01	109.75	112.75	2.87	2.86	2.83	2.69	2.73
221	Weaving mills, cotton (*) .....	(*)	116.40	122.11	112.74	115.21	(*)	2.86	2.82	2.71	2.73
222	Weaving mills, synthetics (*) .....	(*)	119.14	123.70	117.85	119.41	(*)	2.92	2.87	2.76	2.79
223	Weaving and finishing mills, wool (*) .....	(*)	119.84	123.35	115.21	117.86	(*)	2.93	2.93	2.81	2.84
224	Narrow fabric mills (*) .....	(*)	110.80	113.44	102.29	107.18	(*)	2.77	2.74	2.57	2.64
225	Knitting mills (*) .....	(*)	98.53	104.99	98.43	102.57	(*)	2.76	2.72	2.57	2.63
2251	Women's hosiery, except socks .....	-	84.95	92.62	89.14	92.74	-	2.63	2.58	2.49	2.52
2252	Hosiery, n e c .....	-	83.15	91.85	85.01	89.82	-	2.46	2.43	2.31	2.37
2253	Knit outerwear mills .....	-	102.67	106.60	100.97	104.72	-	2.86	2.82	2.65	2.72
2254	Knit underwear mills .....	-	94.86	95.37	91.54	94.18	-	2.55	2.49	2.39	2.44
226	Textile finishing, except wool .....	127.31	120.96	131.02	120.38	124.82	3.09	3.07	3.04	2.88	2.93
227	Floor covering mills .....	-	115.20	128.10	113.02	120.67	-	3.00	3.00	2.77	2.88
228	Yarn and thread mills (*) .....	(*)	105.47	112.20	104.92	107.10	(*)	2.67	2.64	2.51	2.55
229	Miscellaneous textile goods .....	135.78	132.39	136.74	123.97	129.86	3.21	3.19	3.18	2.98	3.07
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	97.38	93.09	96.03	90.27	93.96	2.72	2.73	2.69	2.55	2.61
231	Men's and boys' suits and coats .....	(*)	124.85	125.06	114.35	119.32	(*)	3.43	3.38	3.15	3.26
232	Men's and boys' furnishings (*) .....	(*)	82.42	86.27	82.26	84.27	(*)	2.41	2.37	2.26	2.29
2321	Men's and boys' shirts and nightwear .....	-	78.30	84.72	80.91	82.17	-	2.38	2.36	2.26	2.27
2327	Men's and boys' separate trousers .....	-	82.80	87.93	82.94	84.27	-	2.40	2.37	2.26	2.29
2328	Men's and boys' work clothing .....	-	80.13	79.92	79.08	80.57	-	2.27	2.22	2.12	2.16
233	Women's and misses' outerwear .....	96.05	92.58	94.70	89.97	94.18	2.85	2.84	2.81	2.71	2.77
2331	Women's and misses' blouses and waists .....	-	85.40	88.15	83.39	87.05	-	2.58	2.57	2.41	2.48
2335	Women's and misses' dresses .....	-	93.39	93.85	89.04	94.09	-	2.90	2.87	2.80	2.86
2337	Women's and misses' suits and coats .....	-	105.95	107.58	102.71	107.23	-	3.26	3.30	3.17	3.22
2339	Women's and misses' outerwear, n e c .....	-	86.58	90.72	87.00	88.94	-	2.60	2.52	2.41	2.45
234	Women's and children's undergarments .....	(*)	82.57	85.80	81.30	85.67	(*)	2.45	2.41	2.29	2.36
2341	Women's and children's underwear .....	-	79.59	84.37	79.39	83.36	-	2.39	2.35	2.23	2.29
2342	Corsets and allied garments .....	-	90.65	89.53	86.13	91.69	-	2.62	2.58	2.44	2.54
235	Hats, caps, and millinery .....	-	88.19	84.49	87.47	85.44	-	2.39	2.38	2.45	2.38
236	Children's outerwear .....	(*)	83.41	86.00	83.89	86.38	(*)	2.52	2.50	2.39	2.44
2361	Children's dresses and blouses .....	-	81.67	84.38	82.72	84.83	-	2.49	2.46	2.35	2.41
237,8	Fur goods and miscellaneous apparel .....	-	93.02	98.19	91.69	95.47	-	2.72	2.72	2.59	2.63
239	Misc. fabricated textile products .....	(*)	108.24	115.53	102.38	108.67	(*)	2.99	2.97	2.73	2.83
2391,2	Housefurnishings .....	-	86.94	95.37	86.11	90.96	-	2.52	2.49	2.34	2.40
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	172.94	171.74	175.80	159.64	168.63	4.05	4.06	4.06	3.81	3.94
261,2,6	Paper and pulp mills .....	(*)	200.23	203.40	183.98	194.03	(*)	4.53	4.52	4.21	4.37
263	Paperboard mills .....	(*)	205.17	211.13	191.82	201.15	(*)	4.59	4.62	4.33	4.47
264	Misc. converted paper products .....	151.98	150.55	155.03	140.42	147.74	3.68	3.69	3.70	3.45	3.56
2643	Bags, except textile bags .....	-	144.13	149.10	133.53	141.80	-	3.55	3.55	3.33	3.45
265	Paperboard containers and boxes .....	(*)	152.89	157.03	141.75	151.37	(*)	3.72	3.73	3.50	3.63
2651,2	Folding and setup paperboard boxes .....	-	139.60	145.67	134.40	139.54	-	3.49	3.51	3.36	3.42
2653	Corrugated and solid fiber boxes .....	-	163.41	167.35	149.24	161.88	-	3.90	3.91	3.64	3.80
2654	Sanitary food containers .....	-	148.21	146.67	137.23	143.79	-	3.58	3.56	3.38	3.49

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products.....	40.8	41.0	41.3	41.0	41.5	-	3.8	3.8	3.5	4.0
2024	Ice cream and frozen desserts.....	-	37.5	38.3	39.3	40.2	-	-	-	-	-
2026	Fluid milk.....	-	42.0	42.1	41.4	41.9	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	37.6	38.6	37.6	38.5	-	3.1	3.0	2.7	3.2
2031,6	Canned, cured and frozen sea foods.....	-	32.1	34.9	34.0	34.7	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	38.7	38.9	38.5	39.0	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	39.8	40.2	38.2	39.4	-	-	-	-	-
204	Grain mill products.....	43.9	44.7	45.4	43.8	44.6	-	7.3	7.3	5.9	6.5
2041	Flour and other grain mill product ..	-	44.7	46.4	45.6	46.2	-	-	-	-	-
2042	Prepared feeds for animals and fowls ..	-	45.6	46.4	44.6	45.4	-	-	-	-	-
205	Bakery products.....	39.2	39.1	40.1	38.7	39.6	-	3.2	3.8	2.6	3.4
2051	Bread, cake, and related products ..	-	38.6	39.6	38.6	39.3	-	-	-	-	-
2052	Cookies and crackers.....	-	41.0	41.9	38.9	40.4	-	-	-	-	-
206	Sugar.....	-	43.8	45.6	41.1	41.4	-	4.6	4.2	3.1	3.6
207	Confectionery and related products ..	37.0	37.6	37.6	38.9	39.6	-	1.5	2.6	2.6	2.8
2071	Confectionery products.....	-	37.1	37.2	38.5	39.3	-	-	-	-	-
208	Beverages.....	(*)	38.7	39.8	38.9	39.9	-	2.7	3.2	2.7	3.4
2082	Malt liquors.....	-	40.0	40.7	40.1	41.0	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	38.0	38.8	38.4	39.6	-	-	-	-	-
209	Misc. foods and kindred products.....	(*)	41.4	43.2	41.4	42.0	-	4.9	5.4	4.7	4.8
21	<b>TOBACCO MANUFACTURES</b> .....	35.6	34.2	36.2	34.1	34.7	-	.3	.7	.7	1.0
211	Cigarettes.....	-	32.8	34.6	31.8	32.6	-	.0	.3	.4	.8
212	Cigars.....	-	36.7	37.2	37.5	37.2	-	.6	.7	.6	1.1
22	<b>TEXTILE MILL PRODUCTS</b> .....	40.8	39.0	41.7	40.8	41.3	-	3.9	4.7	4.1	4.4
221	Weaving mills, cotton.....	(*)	40.7	43.3	41.6	42.2	-	5.1	5.6	4.8	5.1
222	Weaving mills, synthetics.....	(*)	40.8	43.1	42.7	42.8	-	4.8	5.7	5.2	5.3
223	Weaving and finishing mills, wool.....	(*)	40.9	42.1	41.0	41.5	-	3.8	4.0	3.7	3.9
224	Narrow fabric mills.....	(*)	40.0	41.4	39.8	40.6	-	3.3	3.8	3.0	3.3
225	Knitting mills.....	(*)	35.7	38.6	38.3	39.0	-	2.3	2.9	2.8	3.1
2251	Women's hosiery, except socks.....	-	32.3	35.9	35.8	36.8	-	-	-	-	-
2252	Hosiery, n e c.....	-	33.8	37.8	36.8	37.9	-	-	-	-	-
2253	Knit outerwear mills.....	-	35.9	37.8	38.1	38.5	-	-	-	-	-
2254	Knit underwear mills.....	-	37.2	38.3	38.3	38.6	-	-	-	-	-
226	Textile finishing, except wool.....	41.2	39.4	43.1	41.8	42.6	-	4.1	5.7	4.9	5.3
227	Floor covering mills.....	-	38.4	42.7	40.8	41.9	-	2.8	5.1	3.9	4.7
228	Yarn and thread mills.....	(*)	39.5	42.5	41.8	42.0	-	4.2	5.2	4.4	4.8
229	Miscellaneous textile goods.....	42.3	41.5	43.0	41.6	42.3	-	4.7	5.0	3.8	4.6
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	35.8	34.1	35.7	35.4	36.0	-	1.1	1.4	1.2	1.4
231	Men's and boys' suits and coats.....	(*)	36.4	37.0	36.3	36.6	-	1.3	1.3	1.4	1.2
232	Men's and boys' furnishings.....	(*)	34.2	36.4	36.4	36.8	-	1.0	1.3	1.1	1.4
2321	Men's and boys' shirts and nightwear ..	-	32.9	35.9	35.8	36.2	-	.9	1.2	1.1	1.2
2327	Men's and boys' separate trousers.....	-	34.5	37.1	36.7	36.8	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	35.3	36.0	37.3	37.3	-	1.4	1.3	1.3	1.3
233	Women's and misses' outerwear.....	33.7	32.6	33.7	33.2	34.0	-	1.0	1.2	1.0	1.2
2331	Women's and misses' blouses and waists ..	-	33.1	34.3	34.6	35.1	-	-	-	-	-
2335	Women's and misses' dresses.....	-	32.2	32.7	31.8	32.9	-	.9	1.1	.9	1.1
2337	Women's and misses' suits and coats.....	-	32.5	32.6	32.4	33.3	-	1.0	1.0	1.0	1.2
2339	Women's and misses' outerwear, n e c.....	-	33.3	36.0	36.1	36.3	-	1.3	1.4	1.5	1.5
234	Women's and children's undergarments ..	(*)	33.7	35.6	35.5	36.3	-	.9	1.2	.9	1.4
2341	Women's and children's underwear.....	-	33.3	35.9	35.6	36.4	-	-	-	-	-
2342	Corsets and allied garments.....	-	34.6	34.7	35.3	36.1	-	-	-	-	-
235	Hats, caps, and millinery.....	-	36.9	35.5	35.7	35.9	-	1.7	1.3	.9	1.3
236	Children's outerwear.....	(*)	33.1	34.4	35.1	35.4	-	.8	.8	.9	1.2
2361	Children's dresses and blouses.....	-	32.8	34.3	35.2	35.2	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel ..	-	34.2	36.1	35.4	36.3	-	1.0	1.3	1.1	1.2
239	Misc. fabricated textile products.....	(*)	36.2	38.9	37.5	38.4	-	1.9	2.8	1.9	2.5
2391,2	Housefurnishings.....	-	34.5	38.3	36.8	37.9	-	-	-	-	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	42.7	42.3	43.3	41.9	42.8	-	4.9	5.3	4.5	5.0
261,2,6	Paper and pulp mills.....	(*)	44.2	45.0	43.7	44.4	-	6.6	6.5	5.8	6.2
263	Paperboard mills.....	(*)	44.7	45.7	44.3	45.0	-	7.0	7.5	7.3	7.4
264	Misc. converted paper products.....	41.3	40.8	41.9	40.7	41.5	-	3.6	4.2	3.2	3.7
2643	Bags, except textile bags.....	-	40.6	42.0	40.1	41.1	-	-	-	-	-
265	Paperboard containers and boxes.....	(*)	41.1	42.1	40.5	41.7	-	3.9	4.5	3.4	4.2
2651,2	Folding and setup paperboard boxes ..	-	40.0	41.5	40.0	40.8	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	41.9	42.8	41.0	42.6	-	4.6	5.1	3.9	5.0
2654	Sanitary food containers.....	-	41.4	41.2	40.6	41.2	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	\$172.21	\$170.54	\$175.34	\$161.32	\$169.79	\$4.58	\$4.56	\$4.59	\$4.36	\$4.48
271	Newspapers.....	(*)	174.65	183.53	164.22	175.37	(*)	4.99	5.07	4.76	4.94
272	Periodicals.....	-	191.00	192.85	177.18	191.09	-	4.86	4.87	4.52	4.73
273	Books.....	-	153.16	157.10	149.00	155.63	-	4.02	4.07	3.85	3.95
275	Commercial printing .....	(*)	175.03	178.30	167.20	174.15	(*)	4.57	4.56	4.40	4.50
2751	Commercial printing, ex. lithographic .....	-	166.76	169.94	160.27	166.71	-	4.40	4.38	4.24	4.33
2752	Commercial printing, lithographic .....	-	187.59	191.75	177.33	185.25	-	4.81	4.83	4.63	4.75
278	Blankbooks and bookbinding .....	(*)	131.48	131.51	124.97	127.92	(*)	3.46	3.47	3.28	3.34
274,6,7,9	Other publishing & printing ind.....	174.57	176.33	180.06	160.82	168.46	4.57	4.58	4.57	4.30	4.41
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	181.83	180.94	182.73	170.56	175.56	4.35	4.36	4.33	4.10	4.20
281	Industrial chemicals .....	204.79	203.46	206.35	191.56	197.96	4.83	4.81	4.81	4.55	4.68
2812	Alkalies and chlorine .....	-	200.76	211.36	198.89	205.45	-	4.78	4.87	4.51	4.68
2818	Industrial organic chemicals, n e c.....	-	222.64	223.31	205.38	213.43	-	5.13	5.11	4.89	5.01
2819	Industrial inorganic chemicals, n e c.....	-	192.98	194.42	181.36	186.75	-	4.65	4.64	4.37	4.50
282	Plastics materials and synthetics.....	175.13	173.86	177.66	167.53	173.43	4.22	4.22	4.21	3.97	4.10
2821	Plastics materials and resins .....	-	195.65	200.18	185.75	192.28	-	4.55	4.56	4.28	4.40
2823,4	Synthetic fibers .....	-	155.60	158.26	149.97	156.11	-	3.89	3.86	3.64	3.78
283	Drugs.....	(*)	172.63	175.14	159.47	161.99	(*)	4.18	4.16	3.88	3.98
2834	Pharmaceutical preparations .....	-	170.16	172.18	154.60	158.71	-	4.12	4.08	3.78	3.89
284	Soap, cleaners, and toilet goods.....	(*)	180.46	176.78	166.06	170.56	(*)	4.38	4.27	4.08	4.16
2841	Soap and other detergents.....	-	227.91	224.40	208.83	218.88	-	5.35	5.28	5.02	5.15
2844	Toilet preparations .....	-	148.96	142.97	133.93	136.46	-	3.66	3.53	3.34	3.42
285	Paints and allied products.....	(*)	164.84	165.62	156.26	161.87	(*)	4.07	4.02	3.83	3.91
287	Agricultural chemicals .....	(*)	157.63	160.76	142.76	151.66	(*)	3.78	3.73	3.44	3.56
2871,2	Fertilizers, complete & mixing only .....	-	150.06	154.43	134.96	143.14	-	3.59	3.55	3.26	3.36
286,9	Other chemical products.....	169.33	168.92	172.18	159.44	164.77	4.11	4.11	4.08	3.87	3.98
2892	Explosives .....	-	162.68	173.06	164.42	167.28	-	4.15	4.15	4.03	4.08
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	207.36	210.41	210.76	201.41	208.89	5.07	5.07	5.03	4.83	4.95
291	Petroleum refining.....	(*)	223.51	222.91	212.99	219.45	(*)	5.36	5.32	5.12	5.25
295,9	Other petroleum and coal products .....	(*)	166.87	171.37	162.57	175.34	(*)	4.07	4.09	3.88	4.04
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b> .....	154.80	153.71	154.75	142.91	148.32	3.73	3.74	3.72	3.52	3.60
301	Tires and inner tubes.....	(*)	232.44	231.03	199.92	213.41	(*)	5.20	5.18	4.76	4.94
302,3,6	Other rubber products .....	(*)	146.93	148.37	137.20	142.45	(*)	3.61	3.61	3.43	3.50
302	Rubber footwear .....	-	113.70	115.24	109.44	112.03	-	3.00	2.97	2.88	2.88
307	Miscellaneous plastics products.....	129.92	130.33	131.78	124.53	128.61	3.24	3.25	3.23	3.09	3.16
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	105.74	103.04	101.93	102.38	103.79	2.79	2.77	2.74	2.68	2.71
311	Leather tanning and finishing.....	(*)	136.96	137.59	132.10	136.97	(*)	3.53	3.51	3.37	3.45
314	Footwear, except rubber .....	102.33	100.61	98.05	100.22	100.47	2.70	2.69	2.65	2.61	2.63
312,3,5,7,8	Other leather products .....	(*)	98.64	100.44	97.09	101.08	(*)	2.74	2.70	2.61	2.66
316	Luggage .....	-	100.84	102.43	95.35	101.16	-	3.01	2.91	2.74	2.81
317	Handbags and personal leather goods.....	-	96.62	98.25	93.36	98.30	-	2.64	2.62	2.53	2.58
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	197.56	196.18	197.80	177.11	187.46	4.89	4.88	4.86	4.45	4.64
	<b>RAILROAD TRANSPORTATION</b>										
4011	Class I railroads <sup>2</sup> .....	-	(*)	227.90	198.26	216.87	-	(*)	5.30	4.60	4.94
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation .....	-	159.17	161.90	151.58	159.74	-	3.93	3.92	3.75	3.84
413	Intercity highway transportation .....	-	198.29	192.27	175.92	188.07	-	5.02	4.93	4.42	4.69
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	207.05	215.36	186.30	201.96	-	5.05	5.02	4.60	4.82
421,3	Trucking and trucking terminals.....	-	212.49	221.45	191.23	207.13	-	5.17	5.15	4.71	4.92
422	Public warehousing .....	-	140.05	144.42	130.28	138.35	-	3.51	3.48	3.29	3.45
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	226.31	224.72	217.12	212.79	-	5.30	5.30	5.27	5.19
48	<b>COMMUNICATION</b> .....	-	174.60	176.85	155.93	166.99	-	4.50	4.50	4.05	4.26
481	Telephone communication .....	-	173.82	176.46	153.98	166.63	-	4.48	4.49	4.01	4.24
4817	Switchboard operating employees <sup>3</sup> .....	-	124.53	122.42	109.23	117.99	-	3.62	3.59	3.32	3.45
4818	Line construction employees <sup>4</sup> .....	-	221.43	231.53	210.54	219.44	-	5.21	5.25	4.84	5.01
482	Telegraph communication <sup>5</sup> .....	-	(*)	199.13	168.91	184.34	-	(*)	4.73	4.14	4.41
483	Radio and television broadcasting .....	-	178.86	178.94	168.39	173.44	-	4.67	4.60	4.34	4.47

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1973P	Jan. 1973P	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973P	Jan. 1973P	Dec. 1972	Jan. 1972	Avg. 1972
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING .....	37.6	37.4	38.2	37.0	37.9	-	2.6	3.2	2.3	2.9
271	Newspapers.....	(*)	35.0	36.2	34.5	35.5	-	1.9	2.9	1.8	2.5
272	Periodicals.....	-	39.3	39.6	39.2	40.4	-	4.0	4.3	3.3	4.1
273	Books.....	-	38.1	38.6	38.7	39.4	-	2.5	3.4	2.7	3.3
275	Commercial printing.....	(*)	38.3	39.1	38.0	38.7	-	3.0	3.4	2.8	3.2
2751	Commercial printing, ex. lithographic.....	-	37.9	38.8	37.8	38.5	-	2.7	3.2	2.6	3.1
2752	Commercial printing, lithographic.....	-	39.0	39.7	38.3	39.0	-	3.4	3.8	3.1	3.5
278	Blankbooks and bookbinding.....	(*)	38.0	37.9	38.1	38.3	-	2.2	2.3	1.9	2.1
274,6,7,9	Other publishing & printing ind.....	38.2	38.5	39.4	37.4	38.2	-	2.6	3.2	1.9	2.6
28	CHEMICALS AND ALLIED PRODUCTS..	41.8	41.5	42.2	41.6	41.8	-	3.5	3.6	3.0	3.3
281	Industrial chemicals.....	42.4	42.3	42.9	42.1	42.3	-	4.0	4.0	3.2	3.5
2812	Alkalies and chlorine.....	-	42.0	43.4	44.1	43.9	-	-	-	-	-
2818	Industrial organic chemicals, n e c.....	-	43.4	43.7	42.0	42.6	-	4.5	4.3	2.8	3.5
2819	Industrial inorganic chemicals, n e c.....	-	41.5	41.9	41.5	41.5	-	3.2	3.2	2.8	3.0
282	Plastics materials and synthetics.....	41.5	41.2	42.2	42.2	42.3	-	3.4	3.6	3.1	3.4
2821	Plastics materials and resins.....	-	43.0	43.9	43.4	43.7	-	4.9	5.3	4.3	4.9
2823,4	Synthetic fibers.....	-	40.0	41.0	41.2	41.3	-	2.4	2.3	2.2	2.4
283	Drugs.....	(*)	41.3	42.1	41.1	40.7	-	3.1	3.6	2.6	2.5
2834	Pharmaceutical preparations.....	-	41.3	42.2	40.9	40.8	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	(*)	41.2	41.4	40.7	41.0	-	3.4	2.8	2.7	3.0
2841	Soap and other detergents.....	-	42.6	42.5	41.6	42.5	-	-	-	-	-
2844	Toilet preparations.....	-	40.7	40.5	40.1	39.9	-	-	-	-	-
285	Paints and allied products.....	(*)	40.5	41.2	40.8	41.4	-	2.8	2.7	2.7	3.3
287	Agricultural chemicals.....	(*)	41.7	43.1	41.5	42.6	-	4.3	4.9	4.0	4.8
2871,2	Fertilizers, complete & mixing only..	-	41.8	43.5	41.4	42.6	-	-	-	-	-
286,9	Other chemical products.....	41.2	41.1	42.2	41.2	41.4	-	3.1	3.4	2.7	3.1
2892	Explosives.....	-	39.2	41.7	40.8	41.0	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.....	40.9	41.5	41.9	41.7	42.2	-	3.1	3.4	3.1	3.6
291	Petroleum refining.....	(*)	41.7	41.9	41.6	41.8	-	2.7	3.0	2.6	2.9
295,9	Other petroleum and coal products.....	(*)	41.0	41.9	41.9	43.4	-	4.3	4.8	4.6	5.8
30	RUBBER AND PLASTICS PRODUCTS, NEC..	41.5	41.1	41.6	40.6	41.2	-	4.3	4.4	3.4	3.9
301	Tires and inner tubes.....	(*)	44.7	44.6	42.0	43.2	-	6.3	6.4	4.3	5.4
302,3,6	Other rubber products.....	(*)	40.7	41.1	40.0	40.7	-	3.7	3.8	2.9	3.3
302	Rubber footwear.....	-	37.9	38.8	38.0	38.9	-	2.0	2.6	2.3	2.2
307	Miscellaneous plastics products.....	40.1	40.1	40.8	40.3	40.7	-	3.8	4.0	3.4	3.7
31	LEATHER AND LEATHER PRODUCTS.....	37.9	37.2	37.2	38.2	38.3	-	1.9	2.0	2.2	2.3
311	Leather tanning and finishing.....	(*)	38.8	39.2	39.2	39.7	-	2.8	2.8	3.1	3.1
314	Footwear, except rubber.....	37.9	37.4	37.0	38.4	38.2	-	2.0	1.9	2.2	2.2
312,3,5-7,9	Other leather products.....	(*)	36.0	37.2	37.2	38.0	-	1.4	2.2	1.7	2.3
316	Luggage.....	-	33.5	35.2	34.8	36.0	-	1.1	1.2	.6	1.4
317	Handbags and personal leather goods..	-	36.6	37.5	36.9	38.1	-	1.5	2.3	1.5	2.3
-	TRANSPORTATION AND PUBLIC UTILITIES.....	40.4	40.2	40.7	39.8	40.4	-	-	-	-	-
	RAILROAD TRANSPORTATION:										
4011	Class I railroads <sup>2</sup> .....	-	(*)	43.0	43.1	43.9	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation.....	-	40.5	41.3	40.5	41.6	-	-	-	-	-
413	Intercity highway transportation.....	-	39.5	39.0	39.8	40.1	-	-	-	-	-
42	TRUCKING AND WAREHOUSING.....	-	41.0	42.9	40.5	41.9	-	-	-	-	-
421,3	Trucking and trucking terminals.....	-	41.1	43.0	40.6	42.1	-	-	-	-	-
422	Public warehousing.....	-	39.9	41.5	39.6	40.1	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	42.7	42.4	41.2	41.0	-	-	-	-	-
48	COMMUNICATION.....	-	38.8	39.3	38.5	39.2	-	-	-	-	-
481	Telephone communication.....	-	38.8	39.3	38.4	39.3	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> ..	-	34.4	34.1	32.9	34.2	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	-	42.5	44.1	43.5	43.8	-	-	-	-	-
482	Telegraph communication <sup>5</sup> .....	-	(*)	42.1	40.8	41.8	-	-	-	-	-
483	Radio and television broadcasting.....	-	32.3	38.9	38.8	38.8	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>P</sup>	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Avg. 1972
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	\$209.42	\$207.67	\$194.52	\$200.45	-	\$5.01	\$4.98	\$4.71	\$4.83
491	Electric companies and systems .....	-	212.01	211.51	197.00	203.91	-	5.06	5.06	4.77	4.89
492	Gas companies and systems .....	-	188.65	187.05	177.55	179.93	-	4.59	4.54	4.32	4.41
493	Combination companies and systems....	-	234.92	230.74	215.07	223.63	-	5.58	5.52	5.17	5.35
494-7	Water, steam, & sanitary systems .....	-	171.72	170.51	162.68	164.76	-	4.05	4.05	3.92	3.97
-	<b>WHOLESALE AND RETAIL TRADE</b> .....	\$107.99	107.30	108.37	103.06	106.00	\$3.13	3.11	3.07	2.97	3.02
50	<b>WHOLESALE TRADE</b> .....	157.59	157.21	160.00	151.27	154.42	4.01	3.99	3.99	3.82	3.88
501	Motor vehicles & automotive equipment ..	-	149.23	153.78	141.25	145.93	-	3.74	3.76	3.54	3.63
502	Drugs, chemicals, and allied products...	-	160.13	162.57	153.24	155.93	-	4.17	4.19	3.97	4.05
503	Dry goods and apparel.....	-	144.28	145.15	138.38	141.37	-	3.91	3.85	3.69	3.78
504	Groceries and related products .....	-	148.96	151.13	142.88	147.13	-	3.80	3.75	3.59	3.66
506	Electrical goods.....	-	167.27	175.87	155.83	162.70	-	4.06	4.09	3.81	3.93
507	Hardware; plumbing & heating equipment ..	-	145.02	146.83	147.17	145.27	-	3.69	3.68	3.67	3.65
508	Machinery, equipment, and supplies.....	-	172.48	174.20	167.27	169.72	-	4.28	4.28	4.13	4.17
509	Miscellaneous wholesalers.....	-	157.93	159.95	152.10	155.23	-	4.06	4.07	3.89	3.96
52-59	<b>RETAIL TRADE</b> .....	92.40	91.74	93.23	88.31	90.72	2.80	2.78	2.75	2.66	2.70
53	Retail general merchandise .....	-	82.01	86.91	79.67	83.20	-	2.62	2.61	2.57	2.60
531	Department stores .....	-	84.12	89.00	82.69	86.31	-	2.74	2.73	2.72	2.74
532	Mail order houses .....	-	105.45	112.16	100.65	107.72	-	2.85	2.79	2.75	2.82
533	Variety stores .....	-	65.62	71.18	61.82	64.78	-	2.18	2.17	2.11	2.11
54	Food stores.....	-	102.40	102.71	96.64	100.43	-	3.19	3.17	3.02	3.09
541-3	Grocery, meat, and vegetable stores ..	-	105.63	105.95	99.48	103.32	-	3.25	3.24	3.08	3.15
56	Apparel and accessory stores .....	-	77.72	81.67	76.30	77.98	-	2.54	2.49	2.43	2.46
561	Men's & boys' clothing & furnishings ..	-	97.15	98.14	93.29	93.85	-	2.90	2.82	2.81	2.81
562	Women's ready-to-wear stores .....	-	70.13	73.94	68.03	70.53	-	2.41	2.34	2.26	2.32
565	Family clothing stores .....	-	74.70	79.22	74.37	76.15	-	2.32	2.33	2.24	2.28
566	Shoe stores.....	-	76.54	80.70	75.14	77.81	-	2.56	2.57	2.48	2.51
57	Furniture and home furnishings stores...	-	123.74	127.01	116.60	120.20	-	3.39	3.36	3.16	3.24
571	Furniture and home furnishings.....	-	124.47	128.14	116.60	120.90	-	3.41	3.39	3.16	3.25
58	Eating and drinking places <sup>6</sup> .....	-	61.78	62.21	59.90	62.01	-	2.08	2.06	1.99	2.02
52,55,59	Other retail trade .....	-	114.95	115.36	110.17	113.10	-	3.09	3.06	2.93	3.00
52	Building materials and farm equipment ..	-	124.94	125.69	120.48	124.89	-	3.22	3.19	3.05	3.13
551,2	Motor vehicle dealers.....	-	151.53	152.74	142.26	150.29	-	3.76	3.79	3.53	3.72
553,9	Other automotive & accessory dealers...	-	130.65	130.10	124.09	128.03	-	3.21	3.15	2.99	3.10
591	Drug stores and proprietary stores .....	-	82.81	84.32	78.75	81.47	-	2.68	2.66	2.50	2.57
594	Book and stationery stores .....	-	90.63	94.70	92.46	93.69	-	2.78	2.81	2.76	2.78
598	Fuel and ice dealers.....	-	154.25	148.83	140.23	135.87	-	3.79	3.73	3.55	3.52
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b> .....	132.09	131.35	130.59	126.82	128.34	3.57	3.55	3.52	3.40	3.45
60	Banking .....	-	113.28	112.48	111.08	111.97	-	3.07	3.04	3.97	3.01
61	Credit agencies other than banks .....	-	119.95	117.80	117.96	117.35	-	3.14	3.10	3.08	3.08
612	Savings and loan associations .....	-	119.04	115.24	117.11	115.38	-	3.20	3.14	3.09	3.11
62	Security, commodity brokers & services ..	-	231.88	225.06	214.91	221.26	-	6.25	6.05	5.84	5.98
63	Insurance carriers .....	-	134.32	134.31	132.43	132.46	-	3.64	3.63	3.56	3.58
631	Life insurance .....	-	135.42	135.05	132.13	133.59	-	3.71	3.70	3.62	3.65
632	Accident and health insurance .....	-	128.06	125.88	127.43	125.46	-	3.48	3.43	3.38	3.40
633	Fire, marine, and casualty insurance...	-	136.14	136.13	133.48	133.88	-	3.64	3.63	3.55	3.57
-	<b>SERVICES</b> .....	111.18	110.85	111.18	105.77	108.44	3.27	3.27	3.27	3.12	3.18
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> ...	-	76.14	76.94	73.92	75.71	-	2.35	2.36	2.24	2.26
	Personal Services:										
721	Laundries and dry cleaning plants .....	-	86.15	88.00	82.82	85.67	-	2.49	2.50	2.38	2.42
722	Photographic studios .....	-	100.26	101.60	95.43	97.72	-	3.02	2.87	2.75	2.80
	Motion pictures:										
781	Motion picture filming & distributing ..	-	219.46	221.13	189.30	203.96	-	5.73	5.67	5.13	5.41
806	Hospitals .....	-	108.70	107.36	103.89	105.95	-	3.16	3.13	3.02	3.08

See footnotes at end of table.



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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	41.8	41.7	41.3	41.5	-	-	-	-	-
491	Electric companies and systems.....	-	41.9	41.8	41.3	41.7	-	-	-	-	-
492	Gas companies and systems.....	-	41.1	41.2	41.1	40.8	-	-	-	-	-
493	Combination companies and systems..	-	42.1	41.8	41.6	41.8	-	-	-	-	-
494-7	Water, steam & sanitary systems.....	-	42.4	42.1	41.5	41.5	-	-	-	-	-
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	34.5	34.5	35.3	34.7	35.1	-	-	-	-	-
50	<b>WHOLESALE TRADE.....</b>	39.3	39.4	40.1	39.6	39.8	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	39.9	40.9	39.9	40.2	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	38.4	38.8	38.6	38.5	-	-	-	-	-
503	Dry goods and apparel.....	-	36.9	37.7	37.5	37.4	-	-	-	-	-
504	Groceries and related products.....	-	39.2	40.3	39.8	40.2	-	-	-	-	-
506	Electrical goods.....	-	41.2	43.0	40.9	41.4	-	-	-	-	-
507	Hardware, plumbing & heating equipment	-	39.3	39.9	40.1	39.8	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.3	40.7	40.5	40.7	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	38.9	39.3	39.1	39.2	-	-	-	-	-
52-59	<b>RETAIL TRADE.....</b>	33.0	33.0	33.9	33.2	33.6	-	-	-	-	-
53	Retail general merchandise.....	-	31.3	33.3	31.0	32.0	-	-	-	-	-
531	Department stores.....	-	30.7	32.6	30.4	31.5	-	-	-	-	-
532	Mail order houses.....	-	37.0	40.2	36.6	38.2	-	-	-	-	-
533	Variety stores.....	-	30.1	32.8	29.3	30.7	-	-	-	-	-
54	Food stores.....	-	32.1	32.4	32.0	32.5	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	32.5	32.7	32.3	32.8	-	-	-	-	-
56	Apparel and accessory stores.....	-	30.6	32.8	31.4	31.7	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.5	34.8	33.2	33.4	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	29.1	31.6	30.1	30.4	-	-	-	-	-
565	Family clothing stores.....	-	32.2	34.0	33.2	33.4	-	-	-	-	-
566	Shoe stores.....	-	29.9	31.4	30.3	31.0	-	-	-	-	-
57	Furniture and home furnishings stores..	-	36.5	37.8	36.9	37.1	-	-	-	-	-
571	Furniture and home furnishings.....	-	36.5	37.8	36.9	37.2	-	-	-	-	-
58	Eating and drinking places <sup>6</sup> .....	-	29.7	30.2	30.1	30.7	-	-	-	-	-
52,55,59	Other retail trade.....	-	37.2	37.7	37.6	37.7	-	-	-	-	-
52	Building materials and farm equipment	-	38.8	39.4	39.5	39.9	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.3	40.3	40.3	40.4	-	-	-	-	-
553,9	Other automotive & accessory dealers..	-	40.7	41.3	41.5	41.3	-	-	-	-	-
591	Drug stores and proprietary stores...	-	30.9	31.7	31.5	31.7	-	-	-	-	-
594	Book and stationery stores.....	-	32.6	33.7	33.5	33.7	-	-	-	-	-
598	Fuel and ice dealers.....	-	40.7	39.9	39.5	38.6	-	-	-	-	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup>.....</b>	37.0	37.0	37.1	37.3	37.2	-	-	-	-	-
60	Banking.....	-	36.9	37.0	37.4	37.2	-	-	-	-	-
61	Credit agencies other than banks.....	-	38.2	38.0	38.3	38.1	-	-	-	-	-
612	Savings and loan associations.....	-	37.2	36.7	37.9	37.1	-	-	-	-	-
62	Security, commodity brokers & services..	-	37.1	37.2	36.8	37.0	-	-	-	-	-
63	Insurance carriers.....	-	36.9	37.0	37.2	37.0	-	-	-	-	-
631	Life insurance.....	-	36.5	36.5	36.5	36.6	-	-	-	-	-
632	Accident and health insurance.....	-	36.8	36.7	37.7	36.9	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.4	37.5	37.6	37.5	-	-	-	-	-
-	<b>SERVICES.....</b>	34.0	33.9	34.0	33.9	34.1	-	-	-	-	-
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...	-	32.4	32.6	33.0	33.5	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	34.6	35.2	34.8	35.4	-	-	-	-	-
722	Photographic studios.....	-	33.2	35.4	34.7	34.9	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	38.3	39.0	36.9	37.7	-	-	-	-	-
806	Hospitals.....	-	34.4	34.3	34.4	34.4	-	-	-	-	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1971, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.<sup>5</sup> Data relate to nonsupervisory employees except messengers.<sup>6</sup> Money payments only; tips, not included.<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.

\* Not available.

# 11-month average.

p= preliminary.

† As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion of SIC 372. Accordingly, the series will be supplemented by publication in the future of a series which will include withheld payments in the months earned.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

(Employment in thousands—includes both supervisory and nonsupervisory employees)

Item	1972												
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Avg.
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,630.6	2,590.3	2,586.4	2,585.6	2,602.7	2,602.7	2,617.6	2,621.1	2,624.0	2,616.3	2,616.2	2,614.1	2,609.0
Average weekly hours . . . . .	41.9	39.6	39.7	39.6	39.6	39.6	39.2	39.3	39.2	39.2	39.3	39.4	39.6
Average overtime hours . . . . .	3.2	1.0	1.2	1.1	1.1	1.0	.9	.9	.8	.7	.8	0	1.1
Indexes (1967=100):													
Average weekly earnings . . . . .	163.8	151.8	154.1	152.4	149.9	148.6	149.2	149.6	148.7	149.2	148.5	147.0	150.8
Average hourly earnings . . . . .	154.1	151.1	153.0	151.6	149.2	147.8	150.0	150.0	149.5	150.0	148.9	147.0	150.0
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	978.0	978.2	976.8	973.9	976.6	976.2	988.4	987.9	987.5	988.2	990.9	992.9	983.0
Average weekly hours . . . . .	39.8	40.3	39.4	39.7	39.8	40.1	39.7	40.0	39.8	39.9	40.0	40.1	39.9
Average overtime hours . . . . .	.7	.8	.8	.8	.8	.9	1.0	1.0	.8	.7	.6	.6	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	146.9	148.0	148.9	149.0	146.7	147.2	150.6	150.6	149.1	150.0	147.9	147.0	148.6
Average hourly earnings . . . . .	148.8	148.0	152.3	151.2	148.5	148.0	152.9	151.8	151.0	151.5	149.0	147.7	150.1
<b>POSTAL SERVICE</b>													
Total employment . . . . .	704.5	666.1	663.7	667.3	672.7	673.8	694.2	698.8	703.6	704.2	704.2	706.0	688.3
Average weekly hours . . . . .	49.2	39.7	40.8	40.2	39.5	39.3	38.4	38.5	38.6	38.5	38.7	38.8	40.0
Average overtime hours . . . . .	10.3	1.4	2.0	1.5	1.3	1.2	.8	.8	.9	.8	.9	1.0	1.9
Indexes (1967=100):													
Average weekly earnings . . . . .	218.8	163.7	168.5	164.5	161.6	154.3	151.3	150.8	150.9	150.5	151.6	148.3	161.1
Average hourly earnings . . . . .	171.6	159.1	159.5	157.9	157.9	151.5	152.1	151.2	150.9	150.9	151.2	147.6	155.5
<b>OTHER AGENCIES</b>													
Total employment . . . . .	948.1	946.0	945.9	944.4	953.4	952.7	935.0	934.4	932.9	923.9	921.1	915.2	937.8
Average weekly hours . . . . .	38.8	38.9	39.2	39.1	39.5	39.4	39.3	39.0	38.9	39.0	38.9	39.0	39.1
Average overtime hours . . . . .	.7	.8	1.0	1.0	1.2	1.0	.9	.8	.9	.7	1.0	0	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	148.8	149.9	150.8	149.4	146.9	147.3	148.2	148.5	147.7	149.3	148.7	147.5	148.7
Average hourly earnings . . . . .	148.8	149.5	149.3	148.3	144.3	145.0	146.3	147.8	147.3	148.5	148.3	146.8	147.5

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

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Avg. 1972
<b>MANUFACTURING</b> . . . . .	\$3.80	\$3.81	\$3.78	\$3.58	\$3.65
<b>DURABLE GOODS</b> . . . . .	4.02	4.04	4.01	3.80	3.88
Ordnance and accessories . . . . .	-	4.01	4.02	3.85	3.94
Lumber and wood products . . . . .	-	3.30	3.22	3.07	3.15
Furniture and fixtures . . . . .	-	3.04	3.02	2.88	2.95
Stone, clay, and glass products . . . . .	-	3.84	3.82	3.59	3.71
Primary metal industries . . . . .	-	4.61	4.57	4.37	4.46
Fabricated metal products . . . . .	-	3.95	3.94	3.75	3.82
Machinery, except electrical . . . . .	-	4.21	4.21	4.01	4.09
Electrical equipment and supplies . . . . .	-	3.67	3.65	3.49	3.55
Transportation equipment . . . . .	-	4.72	4.73	4.44	4.52
Instruments and related products . . . . .	-	3.70	3.68	3.55	3.60
Miscellaneous manufacturing industries . . . . .	-	3.14	3.08	3.00	3.01
<b>NONDURABLE GOODS</b> . . . . .	3.46	3.47	3.43	3.26	3.33
Food and kindred products . . . . .	-	3.58	3.54	3.38	3.44
Tobacco manufactures . . . . .	-	3.56	3.46	3.29	3.38
Textile mill products . . . . .	-	2.73	2.68	2.56	2.60
Apparel and other textile products . . . . .	-	2.68	2.64	2.51	2.56
Paper and allied products . . . . .	-	3.83	3.83	3.61	3.72
Printing and publishing . . . . .	-	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Chemicals and allied products . . . . .	-	4.18	4.16	3.95	4.04
Petroleum and coal products . . . . .	-	4.89	4.84	4.66	4.75
Rubber and plastics products, n e c . . . . .	-	3.56	3.54	3.38	3.44
Leather and leather products . . . . .	-	2.70	2.66	2.60	2.63

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

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

p = preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972
<b>TOTAL PRIVATE:</b>									
Current dollars .....	\$137.98	\$139.13	\$135.78	\$112.09	\$113.84	\$111.37	\$121.63	\$123.43	\$120.79
1967 dollars .....	108.05	109.29	108.36	87.78	89.43	88.88	95.25	96.96	96.40
<b>MINING:</b>									
Current dollars .....	190.39	191.10	186.15	150.21	152.92	148.98	162.16	164.90	160.75
1967 dollars .....	149.09	150.12	148.56	117.63	120.13	118.90	126.99	129.54	128.29
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	222.77	222.46	224.22	174.77	177.68	179.06	188.30	191.19	192.67
1967 dollars .....	174.45	174.75	178.95	136.86	139.58	142.91	147.45	150.19	153.77
<b>MANUFACTURING:</b>									
Current dollars .....	159.20	162.74	154.69	127.48	131.02	125.32	138.03	141.77	135.56
1967 dollars .....	124.67	127.84	123.46	99.83	102.92	100.02	108.09	111.37	108.19
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars .....	196.18	197.80	187.46	154.48	158.25	150.02	166.68	170.52	161.85
1967 dollars .....	153.63	155.38	149.61	120.97	124.31	119.73	130.52	133.95	129.17
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars .....	107.30	108.37	106.00	89.48	90.98	89.19	97.53	99.08	97.19
1967 dollars .....	84.03	85.13	84.60	70.07	71.47	71.18	76.37	77.83	77.57
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars .....	131.35	130.59	128.34	107.24	107.54	105.87	116.45	116.70	114.93
1967 dollars .....	102.86	102.58	102.43	83.98	84.48	84.49	91.19	91.67	91.72
<b>SERVICES:</b>									
Current dollars .....	110.85	111.18	108.44	92.14	93.11	91.04	100.34	101.32	99.14
1967 dollars .....	86.81	87.34	86.54	72.15	73.14	72.66	78.57	79.59	79.12
<b>CONSUMER PRICE INDEX (All items, 1967 = 100) .....</b>	127.7	127.3	125.3	<b>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.</b>					

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls**

1967 = 100

Industry division and group	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Feb. 1972	Avg. 1972
	Man-hours				
<b>TOTAL</b> .....	106.2	105.3	110.0	101.4	106.6
<b>GOODS-PRODUCING</b> .....	97.7	95.7	100.2	92.0	98.1
<b>MINING</b> .....	93.1	93.3	95.4	94.6	97.5
<b>CONTRACT CONSTRUCTION</b> .....	87.4	86.1	95.0	88.3	105.5
<b>MANUFACTURING</b> .....	99.7	97.5	101.3	92.6	96.8
<b>DURABLE GOODS</b> .....	100.5	98.2	101.2	90.3	94.9
Ordnance and accessories .....	60.7	59.4	60.9	51.8	54.9
Lumber and wood products .....	100.9	97.9	101.0	97.4	103.4
Furniture and fixtures .....	111.4	107.6	114.8	103.9	108.9
Stone, clay, and glass products .....	104.2	100.4	106.2	98.4	106.3
Primary metal industries .....	100.8	99.7	99.5	88.6	94.0
Fabricated metal products .....	104.0	101.8	105.1	94.0	98.9
Machinery, except electrical .....	98.1	96.1	97.9	85.3	89.1
Electrical equipment .....	102.4	99.9	102.0	90.2	94.4
Transportation equipment .....	99.4	97.4	102.3	88.8	92.1
Instruments and related products .....	102.8	100.9	102.3	91.8	96.2
Miscellaneous manufacturing .....	96.3	93.3	99.5	92.0	97.7
<b>NONDURABLE GOODS</b> .....	98.6	96.5	101.3	96.0	99.5
Food and kindred products .....	90.3	92.2	97.4	90.1	98.1
Tobacco manufactures .....	72.7	70.8	80.1	66.9	72.1
Textile mill products .....	105.2	99.7	107.9	100.8	103.6
Apparel and other textile products .....	94.1	87.4	93.8	94.3	94.1
Paper and allied products .....	103.8	102.7	105.9	97.6	102.1
Printing and publishing .....	96.7	97.3	100.4	95.8	98.0
Chemicals and allied products .....	99.6	98.6	100.9	97.0	98.7
Petroleum and coal products .....	95.7	96.5	100.0	96.7	101.1
Rubber and plastics products, nec .....	132.2	129.8	131.6	115.7	122.6
Leather and leather products .....	82.7	80.6	82.7	86.5	86.2
<b>SERVICE-PRODUCING</b> .....	112.1	111.9	116.8	107.9	112.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	104.7	104.1	106.6	100.6	104.4
<b>WHOLESALE AND RETAIL TRADE</b> .....	108.5	109.3	118.5	104.7	110.4
<b>WHOLESALE TRADE</b> .....	108.5	109.1	112.3	105.4	109.0
<b>RETAIL TRADE</b> .....	108.6	109.4	120.9	104.4	110.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	120.1	119.6	120.8	117.1	120.1
<b>SERVICES</b> .....	118.0	116.7	118.0	112.9	116.8

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

C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls--Continued

1967 = 100

Industry division and group	Feb. 1973 <sup>p</sup>	Jan. 1973 <sup>p</sup>	Dec. 1972	Feb. 1972	Avg. 1972
	Payrolls				
<b>TOTAL</b> .....	149.8	148.3	153.8	135.0	145.3
<b>GOODS-PRODUCING</b> .....	138.8	136.5	142.3	123.2	135.3
<b>MINING</b> .....	133.3	134.7	136.0	128.3	134.0
<b>CONTRACT CONSTRUCTION</b> .....	135.2	134.5	145.9	127.7	155.3
<b>MANUFACTURING</b> .....	140.0	137.1	141.6	121.8	130.2
<b>DURABLE GOODS</b> .....	141.3	138.1	142.1	118.9	128.0
Ordnance and accessories .....	79.3	77.3	80.0	65.5	70.5
Lumber and wood products .....	148.2	141.2	144.4	132.2	144.8
Furniture and fixtures .....	151.1	145.7	155.5	133.5	143.5
Stone, clay, and glass products .....	149.7	143.5	151.5	132.1	147.5
Primary metal industries .....	146.0	144.8	143.4	120.5	131.2
Fabricated metal products .....	144.7	141.2	145.9	122.6	132.5
Machinery, except electrical .....	136.7	133.8	136.5	111.8	119.4
Electrical equipment .....	139.6	136.9	139.5	117.2	125.0
Transportation equipment .....	144.5	141.5	149.2	119.4	126.9
Instruments and related products .....	137.2	135.7	137.5	118.5	125.6
Miscellaneous manufacturing .....	132.3	128.6	135.3	120.2	129.3
<b>NONDURABLE GOODS</b> .....	137.8	135.3	140.8	126.7	134.1
Food and kindred products .....	128.4	130.9	137.4	120.9	133.9
Tobacco manufactures .....	116.4	111.5	123.2	99.6	109.1
Textile mill products .....	147.0	138.7	148.4	132.6	137.8
Apparel and other textile products .....	126.2	117.4	124.4	119.5	121.0
Paper and allied products .....	146.5	145.0	149.8	130.0	139.9
Printing and publishing .....	135.1	135.3	140.4	127.6	133.8
Chemicals and allied products .....	139.7	138.4	140.9	128.6	133.7
Petroleum and coal products .....	135.6	136.8	140.7	131.7	139.9
Rubber and plastics products, nec .....	179.7	176.8	178.4	148.5	160.9
Leather and leather products .....	111.8	108.0	109.4	113.1	112.9
<b>SERVICE-PRODUCING</b> .....	159.3	158.4	163.8	145.1	187.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	158.1	157.1	160.1	139.0	149.9
<b>WHOLESALE AND RETAIL TRADE</b> .....	151.2	151.5	162.0	138.9	148.4
WHOLESALE TRADE .....	151.3	151.4	155.5	140.1	147.0
RETAIL TRADE .....	151.1	151.6	165.4	138.3	149.2
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	166.2	164.3	164.5	153.9	160.2
<b>SERVICES</b> .....	168.5	166.5	168.3	154.6	162.0

<sup>1</sup> 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 workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted**

Industry	1973		1972										
	Feb. P	Jan. P	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>TOTAL</b> .....	37.3	36.9	37.0	37.2	37.3	37.3	37.1	37.2	37.1	37.0	37.3	37.1	37.2
<b>MINING</b> .....	41.8	41.5	41.7	42.5	42.6	42.8	42.5	42.1	42.6	42.3	42.4	42.8	42.5
<b>CONTRACT CONSTRUCTION</b> .....	36.0	36.0	35.6	37.0	37.6	37.1	37.1	37.0	36.9	36.7	36.7	37.2	37.3
<b>MANUFACTURING</b> .....	41.0	40.3	40.7	40.9	40.7	40.8	40.6	40.6	40.7	40.5	40.8	40.4	40.4
<i>Overtime hours</i> .....	3.9	3.7	3.8	3.7	3.6	3.6	3.5	3.4	3.4	3.4	3.5	3.3	3.2
<b>DURABLE GOODS</b> .....	42.0	41.3	41.6	41.7	41.4	41.4	41.3	41.2	41.3	41.1	41.4	41.0	41.1
<i>Overtime hours</i> .....	4.4	4.1	4.0	3.9	3.8	3.8	3.6	3.5	3.4	3.5	3.7	3.3	3.2
Ordnance and accessories .....	42.8	42.4	42.4	42.3	42.4	42.2	42.7	42.4	42.0	42.0	42.2	42.0	42.2
Lumber and wood products .....	40.5	39.9	39.7	41.0	41.1	41.3	41.2	41.1	41.2	41.0	41.1	40.9	40.8
Furniture and fixtures .....	40.4	38.9	39.9	40.3	40.2	40.5	40.5	40.4	40.8	40.5	40.7	40.4	40.6
Stone, clay, and glass products .....	42.1	41.2	41.5	41.8	42.2	41.9	41.9	41.9	42.0	41.8	42.0	42.0	42.0
Primary metal industries .....	42.7	42.4	42.3	42.8	42.3	42.0	41.5	41.4	41.4	41.3	41.4	41.1	41.0
Fabricated metal products .....	41.9	41.4	41.7	41.6	41.3	41.1	41.2	41.3	41.2	41.1	41.4	40.9	41.0
Machinery, except electrical .....	42.7	42.4	42.7	42.7	42.3	42.4	42.3	42.0	42.1	41.8	41.9	41.4	41.4
Electrical equipment and supplies .....	41.4	40.4	40.5	40.8	40.6	40.6	40.5	40.3	40.5	40.4	40.8	40.2	40.6
Transportation equipment .....	43.2	42.3	42.8	42.0	41.5	41.9	41.2	41.3	41.6	41.9	43.0	41.7	41.7
Instruments and related products .....	40.9	40.5	40.6	40.5	40.6	40.7	40.6	40.4	40.6	40.6	40.7	40.3	40.6
Miscellaneous manufacturing industries .....	39.2	38.7	39.1	39.3	39.2	39.5	39.5	39.3	39.5	39.4	39.6	39.2	39.4
<b>NONDURABLE GOODS</b> .....	39.8	39.0	39.6	39.9	39.7	39.7	39.8	39.6	39.7	39.6	39.8	39.6	39.6
<i>Overtime hours</i> .....	3.3	3.3	3.4	3.5	3.4	3.3	3.3	3.3	3.3	3.2	3.5	3.3	3.2
Food and kindred products .....	40.1	40.1	40.4	40.3	40.4	40.2	40.3	40.4	40.5	40.4	40.7	40.6	40.1
Tobacco manufactures .....	36.7	34.7	35.6	35.5	35.8	34.1	35.4	34.3	34.2	33.7	34.1	34.5	34.1
Textile mill products .....	41.0	39.4	41.2	41.4	41.2	41.4	41.3	41.2	41.3	41.2	41.7	41.4	41.2
Apparel and other textile products .....	36.0	34.5	35.7	36.2	36.2	36.3	36.0	36.0	35.9	35.6	36.2	35.8	36.2
Paper and allied products .....	43.1	42.6	42.9	43.2	42.9	42.9	43.0	42.8	43.0	42.5	42.9	42.7	42.6
Printing and publishing .....	38.0	37.9	37.7	38.3	38.0	38.2	37.9	38.0	37.9	37.7	38.0	37.6	37.6
Chemicals and allied products .....	42.0	41.6	41.9	41.9	42.0	41.8	41.7	41.8	42.0	41.6	41.7	41.8	41.8
Petroleum and coal products .....	41.6	42.2	42.2	42.4	42.4	42.3	41.8	41.6	42.2	42.0	42.4	42.2	42.2
Rubber and plastics products, nec .....	41.8	41.3	41.2	41.6	41.2	41.1	41.4	40.9	41.3	41.0	41.3	41.0	41.0
Leather and leather products .....	37.9	37.1	36.4	37.7	37.7	38.7	39.0	38.4	38.6	38.6	39.1	38.2	38.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.5	40.6	40.5	40.3	40.4	40.3	40.7	40.3	40.6	40.6	40.4	40.4	40.3
<b>WHOLESALE AND RETAIL TRADE</b> .....	35.0	34.9	35.1	35.0	35.1	35.0	35.0	35.1	35.3	35.1	35.2	35.2	35.1
<b>WHOLESALE TRADE</b> .....	39.5	39.6	39.7	39.9	39.8	39.9	39.6	39.8	39.9	40.0	39.9	39.9	39.9
<b>RETAIL TRADE</b> .....	33.6	33.5	33.7	33.5	33.5	33.5	33.6	33.7	33.8	33.7	33.7	33.6	33.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	37.0	37.0	37.1	37.0	37.3	37.2	37.1	37.3	37.2	37.1	37.3	37.1	37.1
<b>SERVICES</b> .....	34.2	34.1	34.0	34.1	34.2	34.3	34.1	34.3	34.1	34.0	34.1	34.1	34.2

<sup>1</sup>For 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 workers<sup>1</sup>  
 on private nonagricultural payrolls, seasonally adjusted**

1967 = 100

Industry division and group	1973		1972										
	Feb. <sup>p</sup>	Jan. <sup>p</sup>	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>TOTAL</b> .....	109.6	108.3	108.3	108.5	108.1	107.3	106.8	106.4	106.7	106.2	105.9	105.2	104.8
<b>GOODS-PRODUCING</b> .....	101.8	99.5	99.7	100.7	100.2	99.0	98.2	97.3	98.2	97.5	97.5	96.5	96.0
<b>MINING</b> .....	97.0	95.9	95.3	97.8	98.3	98.3	96.8	95.4	96.1	96.7	96.7	99.8	98.7
<b>CONTRACT CONSTRUCTION</b> .....	103.9	101.1	98.7	105.4	108.8	106.7	106.3	104.3	106.1	105.3	103.7	105.9	105.3
<b>MANUFACTURING</b> .....	101.5	99.4	100.0	100.0	98.7	97.7	96.8	96.2	96.9	96.2	96.4	94.8	94.3
<b>DURABLE GOODS</b> .....	101.9	99.7	99.8	99.3	97.7	96.2	95.1	94.2	94.6	94.2	94.1	92.0	91.6
Ordnance and accessories .....	60.7	58.9	59.5	59.4	56.0	54.0	57.0	56.0	54.9	53.2	52.8	51.4	51.7
Lumber and wood products .....	105.2	102.8	102.3	105.5	104.4	104.5	104.2	103.8	103.8	102.9	103.2	101.9	101.5
Furniture and fixtures .....	114.0	109.2	111.0	111.6	110.7	110.5	110.0	109.2	109.2	107.6	108.1	106.5	106.5
Stone, clay, and glass products .....	110.1	106.4	107.4	108.5	109.2	106.8	106.8	106.4	106.6	105.7	104.8	104.8	104.0
Primary metal industries .....	100.6	100.5	100.3	101.1	99.9	98.1	94.2	91.8	92.5	92.8	91.7	90.2	88.5
Fabricated metal products .....	105.9	103.4	103.2	102.2	100.9	99.5	99.5	99.1	99.2	98.6	98.3	96.2	95.9
Machinery, except electrical .....	97.0	96.3	96.6	95.4	92.9	91.1	90.2	88.7	89.1	87.7	86.3	84.5	84.5
Electrical equipment .....	104.0	100.2	99.8	99.1	97.7	95.4	94.2	93.5	94.3	93.0	93.2	91.2	91.5
Transportation equipment .....	100.3	97.7	98.5	95.8	93.4	92.1	90.3	90.6	91.0	92.8	94.9	90.3	89.5
Instruments and related products .....	103.9	101.8	100.6	100.4	99.6	98.4	97.5	96.0	96.5	95.4	94.2	92.3	93.0
Miscellaneous manufacturing .....	101.1	99.5	99.4	99.3	98.4	98.3	98.3	96.9	98.3	97.2	98.3	96.7	96.6
<b>NONDURABLE GOODS</b> .....	101.0	99.0	100.2	100.9	100.2	99.8	99.3	99.0	100.1	99.1	99.8	98.8	98.3
Food and kindred products .....	97.7	97.9	97.8	97.2	97.3	97.0	96.9	98.8	100.3	98.3	99.4	99.2	97.4
Tobacco manufactures .....	78.6	71.9	73.7	71.1	67.9	64.6	70.9	74.7	75.7	74.5	75.4	76.3	71.8
Textile mill products .....	106.2	101.2	106.1	105.7	104.4	104.1	103.7	102.8	103.4	102.9	103.8	102.9	101.6
Apparel and other textile products .....	94.5	89.8	93.9	95.7	95.2	95.1	93.9	92.1	93.6	93.2	95.3	93.5	94.7
Paper and allied products .....	105.8	104.1	104.2	104.7	104.2	103.1	102.9	102.4	102.9	101.7	101.2	100.3	99.5
Printing and publishing .....	97.9	99.0	98.0	99.4	98.7	99.0	97.9	98.1	97.9	97.7	98.2	97.0	96.9
Chemicals and allied products .....	100.3	99.7	100.4	100.4	100.2	99.3	97.9	98.2	99.1	98.0	97.4	97.6	97.8
Petroleum and coal products .....	100.4	101.8	102.7	103.2	102.3	101.2	100.0	98.7	100.9	100.5	101.4	100.9	100.9
Rubber and plastics products, nec .....	133.9	131.3	129.9	130.2	126.4	123.6	123.8	121.8	123.7	120.6	120.2	118.1	117.1
Leather and leather products .....	82.7	80.7	80.4	83.9	84.9	87.8	88.8	86.8	88.6	88.6	88.4	86.0	86.4
<b>SERVICE-PRODUCING</b> .....	115.1	114.3	114.2	113.9	113.5	113.1	112.8	112.6	112.7	112.2	111.8	111.3	110.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	106.9	106.8	105.9	105.3	105.4	104.0	104.4	103.5	104.7	104.9	104.1	104.3	102.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	112.7	111.6	112.3	112.0	111.1	110.9	110.6	110.4	110.9	110.5	109.8	109.1	108.7
<b>WHOLESALE TRADE</b> .....	110.5	110.4	110.0	110.4	110.0	109.9	108.9	108.7	109.4	109.5	108.5	108.2	107.4
<b>RETAIL TRADE</b> .....	113.6	112.1	113.1	112.6	111.5	111.3	111.2	111.1	111.4	110.8	110.3	109.5	109.2
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	121.6	121.0	121.4	120.9	121.5	120.8	120.1	120.4	120.4	119.6	119.6	118.9	118.5
<b>SERVICES</b> .....	120.2	119.4	118.5	118.4	118.3	117.9	117.6	117.6	116.6	115.8	115.7	115.1	115.2

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

**C-9: Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments**

Industry division	Annual rate, millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	February 1973 p	January 1973 p	December 1972	January 1973 to February 1973	December 1972 to January 1973	February 1972 to February 1973
<b>TOTAL - ALL INDUSTRIES</b> .....	146,127	144,637	144,639	13.1	- 0.0	4.1
<b>TOTAL - PRIVATE</b> .....	118,580	117,186	117,210	15.2	- 0.2	4.4
<b>MINING</b> .....	1,335	1,318	1,318	15.7	0.9	- 1.5
<b>CONTRACT CONSTRUCTION</b> .....	6,700	6,531	6,404	35.8	26.6	- 1.4
<b>MANUFACTURING</b> .....	41,323	40,592	40,827	23.9	- 6.7	6.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,679	9,663	9,619	2.0	5.6	3.9
<b>WHOLESALE AND RETAIL TRADE</b> .....	29,291	29,033	29,171	11.2	- 5.5	3.7
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,719	7,688	7,703	4.9	- 2.3	3.2
<b>SERVICES</b> .....	22,532	22,360	22,167	9.6	10.9	4.7
<b>GOVERNMENT</b> .....	27,547	27,451	27,429	4.3	1.0	2.9

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

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

<sup>3</sup> Percent change compounded at annual rates.

p=preliminary.

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

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

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**C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted**

Item	1967=100												
	Annual average		Quarterly indexes										
	1972	1971	1972				1971				1970		
		IV	III	II	I	IV	III	II	I	IV	III	II	
<b>Total private:</b>													
Output per man-hour .....	112.7	108.1	114.6r	113.3	112.2	110.5	109.4	108.5	107.6	107.0	105.1	105.6	103.9
Output .....	117.9r	110.3	121.4r	118.9	117.1	114.3	112.3	110.4	109.7	108.7	106.5	107.9	107.3
Man-hours .....	104.7	102.0	105.9	105.0	104.4	103.4	102.6	101.8	101.9	101.6	101.3	102.1	103.2
Compensation per man-hour <sup>1</sup> .....	141.7	133.4	145.0r	142.2	140.7	138.8	136.0	134.4	132.5	130.6	127.7	126.1	123.3
Real compensation per man-hour <sup>2</sup> .....	113.1	109.9	114.2	113.1	112.9	112.2	110.8	110.2	109.7	109.2	107.7	107.7	106.5
Unit labor costs .....	125.8r	123.4	126.5r	125.5	125.5	125.7	124.2	123.9	123.2	122.0	121.5	119.4	118.7
Unit nonlabor payments <sup>3</sup> .....	114.8r	110.6	116.5r	115.8	114.3	112.6	111.6	111.3	110.4	109.1	106.4	105.3	103.6
Implicit price deflator <sup>4</sup> .....	121.5	118.4	122.6	121.8	121.1	120.6	119.3	119.0	118.2	117.0	115.6	113.9	112.8
<b>Private nonfarm:</b>													
Output per man-hour .....	112.1	107.1	114.1r	113.1	111.3	109.9	108.5	107.3	106.6	105.8	103.9	104.7	103.0
Output .....	118.7r	110.4	122.3r	120.0	117.8	114.9	112.7	110.5	109.8	108.7	106.5	108.1	107.3
Man-hours .....	105.9	103.2	107.2	106.1	105.9	104.5	103.8	103.0	103.0	102.8	102.5	103.2	104.2
Compensation per man-hour <sup>1</sup> .....	140.4r	131.8	143.7r	141.1	139.0	137.4	134.5	132.9	131.2	128.8	126.1	124.6	122.0
Real compensation per man-hour <sup>2</sup> .....	112.0	108.7	113.2	112.1	111.5	111.1	109.6	108.9	108.6	107.8	106.3	106.5	105.4
Unit labor costs .....	125.2r	123.2	125.9r	124.8	124.9	125.0	123.9	123.8	123.0	121.8	121.3	119.0	118.4
Unit nonlabor payments <sup>3</sup> .....	113.9r	110.7	114.8r	115.0	113.7	112.2	111.3	111.3	110.5	109.5	106.9	105.4	103.6
Implicit price deflator <sup>4</sup> .....	120.9	118.4	121.7	121.1	120.6	120.2	119.1	119.1	118.3	117.1	115.9	113.9	112.8
<b>Manufacturing:</b>													
Output per man-hour .....	119.1	114.4	120.6r	120.1r	118.5	116.6	115.1	115.3	114.7	112.6	109.0	109.6	108.1
Output .....	115.9	107.8	120.3r	117.0	115.0	111.1	108.7	107.9	108.2	106.3	102.3	106.8	107.5
Man-hours .....	97.4	94.2	99.7	97.4	97.0	95.3	94.5	93.5	94.3	94.4	93.8	97.4	99.4
Compensation per man-hour <sup>1</sup> .....	138.5r	130.5	141.4	139.1r	137.5	135.9	132.2	131.2	130.0	128.2	125.5	124.0	120.9
Real compensation per man-hour <sup>2</sup> .....	110.5r	107.5	111.4	110.6r	110.3	109.9	107.8	107.6	107.6	107.3	105.8	106.0	104.5
Unit labor costs .....	116.3r	114.0	117.2r	115.9	116.0	116.5	114.9	113.8	113.3	113.9	115.1	113.1	111.8
<b>Nonfinancial corporations:</b>													
Output per man-hour .....	117.7p	112.5	n.a.	118.7p	117.3	115.8	114.0	113.1	111.7	110.6	107.8	108.8	107.2
Output .....	121.7p	112.5	n.a.	122.7r	120.9	117.8	114.6	112.5	111.9	110.7	107.4	110.5	110.1
Man-hours .....	103.4p	100.0	n.a.	103.4p	103.1	101.7	100.6	99.4	100.2	100.1	99.7	101.6	102.7
Compensation per man-hour <sup>1</sup> .....	140.5p	132.4	n.a.	141.3p	139.6	137.9	134.7	133.5	131.4	129.2	126.7	125.0	122.0
Real compensation per man-hour <sup>2</sup> .....	112.2p	109.1	n.a.	112.3p	111.9	111.5	109.8	109.4	108.8	108.1	106.8	106.8	105.4
Unit labor costs .....	119.4p	117.7	n.a.	119.1r	119.0	119.1	118.2	118.0	117.6	116.9	117.5	114.9	113.8
Unit nonlabor costs <sup>6</sup> .....	128.3p	126.9	n.a.	128.6r	128.9	127.9	129.4	128.2	125.7	124.7	125.2	120.3	118.9
Unit profits <sup>7</sup> .....	80.1p	76.6	n.a.	81.6r	79.8	78.1	74.5	76.9	78.8	76.6	65.9	72.6	74.1
Implicit price deflator <sup>4</sup> .....	115.3p	113.4	n.a.	115.4p	115.1	114.8	113.9	113.9	113.4	112.4	111.3	109.6	108.9

<sup>1</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>2</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>3</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>4</sup> Current dollar gross product divided by constant dollar gross product.

<sup>5</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>6</sup> Includes depreciation, interest, and indirect taxes.

<sup>7</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

n. a. = not available.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.



## OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

**C-11: Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate<sup>1</sup>**

Item	Quarterly percent change						Annual percent change					
	III-IV 1972	II-III, 1972	I-II, 1972	IV, 1971 to I 1972	III-IV, 1971	II-III, 1971	IV 1971 to IV 1972	III, 1971 to III, 1972	II, 1971 to II, 1972	I, 1971 to I, 1972	IV, 1970 to IV, 1971	III, 1970 to III, 1971
<b>Total private:</b>												
Output per man-hour	4.7r	4.1	6.2	3.9	3.7	3.2	4.7r	4.5	4.2	3.2	4.1	2.7
Output	8.4r	6.5	10.2	7.0	7.2	2.5	8.0r	7.7	6.7	5.1	5.5	2.3
Man-hours	3.5r	2.3	3.8	3.1	3.4	-0.6	3.1	3.1	2.4	1.8	1.4	-0.3
Compensation per man-hour <sup>2</sup>	7.9r	4.4	5.6	8.7	4.7	5.8	6.6	5.8	6.2	6.3	6.5	6.6
Real compensation per man-hour <sup>3</sup>	4.2r	0.8	2.4	5.1	2.3	1.7	3.1r	2.6	2.9	2.7	2.9	2.3
Unit labor costs	3.0r	0.3	-0.6	4.6	1.0	2.6	1.8r	1.3	1.9	3.0	2.3	3.9
Unit nonlabor payments <sup>4</sup>	2.4r	5.6	6.0	3.6	1.1	3.1	4.4r	4.1	3.5	3.2	4.9	5.7
Implicit price deflator <sup>5</sup>	2.8r	2.2	1.7	4.2	1.0	2.8	2.7	2.3	2.4	3.1	3.2	4.5
<b>Private nonfarm:</b>												
Output per man-hour	3.6r	6.6	5.1	5.2	4.7	2.5	5.1r	5.4	4.4	3.9	4.4	2.4
Output	7.9r	7.5	10.6	8.1	8.1	2.4	8.5r	8.6	7.3	5.6	5.8	2.2
Man-hours	4.1	0.9	5.2	2.8	3.3	-0.2	3.2	3.0	2.8	1.7	1.3	-0.2
Compensation per man-hour <sup>2</sup>	7.6r	6.1	4.6	9.1	4.9	5.2	6.9r	6.2	5.9	6.7	6.7	6.6
Real compensation per man-hour <sup>3</sup>	3.9r	2.4	1.5	5.5	2.6	1.1	3.3	3.0	2.7	3.0	3.1	2.2
Unit labor costs	3.8r	-0.4	-0.5	3.8	0.3	2.5	1.6r	0.8	1.5	2.7	2.1	4.0
Unit nonlabor payments <sup>4</sup>	-0.4r	4.7	5.2	3.5	-0.1	2.9	3.2r	3.3	2.9	2.5	4.1	5.6
Implicit price deflator <sup>5</sup>	2.3r	1.4	1.5	3.7	0.1	2.7	2.2r	1.7	2.0	2.6	2.8	4.6
<b>Manufacturing:</b>												
Output per man-hour	1.8r	5.5r	6.6	5.6	-1.0	2.2	4.9r	4.1r	3.3	3.6	5.5	5.2
Output <sup>6</sup>	11.8r	7.1	14.8	9.1	3.0	-1.1	10.7r	8.4	6.3	4.5	6.3	1.0
Man-hours	9.8	1.6r	7.7	3.3	4.1	-3.2	5.5r	4.2r	2.9	0.9	0.7	-4.0
Compensation per man-hour <sup>2</sup>	6.6r	4.9r	4.8	11.5	3.1	3.7	6.9	6.0r	5.8	6.0	5.4	5.8
Real compensation per man-hour <sup>3</sup>	2.9r	1.3r	1.5	8.0	0.8	-0.3	3.4	2.8r	2.4	2.4	1.8	1.5
Unit labor costs	4.6r	-0.6	-1.6	5.6	4.2	1.5	2.0r	1.9	2.4	2.3	-0.2	0.6
<b>Nonfinancial corporations:</b>												
Output per man-hour	n.a.	4.7r	5.3	6.6	3.0	5.0	n.a.	4.9r	5.0	4.7	5.7	4.0
Output	n.a.	6.2r	11.0	11.5	7.9	1.9	n.a.	9.1r	8.0	6.4	6.7	1.8
Man-hours	n.a.	1.5p	5.3	4.6	4.7	-2.9	n.a.	4.0p	2.9	1.6	0.9	-2.1
Compensation per man-hour <sup>2</sup>	n.a.	5.1p	4.8	9.8	3.7	6.7	n.a.	5.8p	6.2	6.7	6.4	6.8
Real compensation per man-hour <sup>3</sup>	n.a.	1.4p	1.7	6.2	1.4	2.2	n.a.	2.6p	2.9	3.1	2.8	2.5
Unit labor costs	n.a.	0.3r	-0.5	3.1	0.6	1.6	n.a.	0.9r	1.2	2.0	0.6	2.8
Unit nonlabor costs <sup>7</sup>	n.a.	-1.0r	3.1	-4.5	3.6	8.3	n.a.	0.3r	2.5	2.6	3.3	6.6
Unit profits <sup>8</sup>	n.a.	9.4r	8.9	20.9	-11.8	-9.2	n.a.	6.1r	1.3	2.0	13.0	6.0
Implicit price deflator <sup>5</sup>	n.a.	0.9p	1.3	2.9	0.0	1.9	n.a.	1.3p	1.5	2.1	2.4	4.0

<sup>1</sup> Computed from seasonally-adjusted original data, not from indexes.

<sup>2</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>3</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>4</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>5</sup> Current dollar gross product divided by constant dollar gross product.

<sup>6</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>7</sup> Includes depreciation, interest, and indirect taxes.

<sup>8</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

n. a. = not available.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

**C-12: Indexes of average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime  
(in manufacturing only) and interindustry employment shifts, 1964 to date**

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964 .....	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.2
1965 .....	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966 .....	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969 .....	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970 .....	121.2	104.2	120.3	103.4	127.3	109.4	119.6	102.8
1971 .....	129.7	106.9	127.2	104.9	138.1	113.8	127.5	105.1
1972 .....	137.9	110.1	136.7	109.1	146.9	117.2	135.4	108.0
1972: February ...	135.1	109.1	134.2	108.4	142.9	115.4	133.1	107.5
March .....	135.5	109.3	134.5	108.5	143.0	115.3	133.5	107.7
April .....	136.6	109.9	135.7	109.1	144.0	115.9	134.1	107.9
May .....	136.9	109.8	135.0	108.3	145.6	116.8	134.6	107.9
June .....	136.9	109.5	135.8	108.6	144.6	115.7	134.7	107.8
July .....	137.7	109.7	136.6	108.8	145.2	115.7	135.0	107.6
August .....	138.1	109.8	136.9	108.9	147.0	116.9	135.5	107.8
September ..	139.8	110.7	138.1	109.4	149.9	118.8	136.7	108.3
October .....	140.4	110.9	138.1	109.1	151.6	119.7	137.0	108.2
November ..	140.7	110.9	139.4	109.8	150.8	118.9	137.8	108.6
December ...	141.9	111.4	141.6	111.2	151.8	119.2	139.2	109.4
1973: January P ..	142.7	111.7	142.9	111.9	153.6	120.2	140.1	109.7
February P ..	142.7	(*)	142.2	(*)	151.4	(*)	140.1	(*)

Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
	1964 .....	89.4	96.2	87.3	93.9	89.2	96.0	86.3
1965 .....	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966 .....	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969 .....	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970 .....	119.0	102.3	121.1	104.1	118.9	102.2	122.2	105.0
1971 .....	130.0	107.1	128.3	105.8	126.8	104.5	131.1	108.1
1972 .....	143.7	114.6	135.0	107.7	133.4	106.5	138.4	110.5
1972: February ...	138.1	111.6	132.6	107.1	131.2	106.0	136.2	110.0
March .....	139.1	112.2	133.1	107.3	131.5	106.1	136.3	110.0
April .....	141.1	113.5	134.1	107.9	133.4	107.3	137.5	110.6
May .....	141.6	113.5	134.2	107.6	132.7	106.4	137.4	110.2
June .....	141.5	113.2	134.6	107.7	132.7	106.2	137.4	109.9
July .....	143.8	114.6	135.2	107.7	133.8	106.6	138.4	110.3
August .....	145.1	115.4	135.0	107.4	133.2	106.0	138.1	109.9
September ..	146.6	116.2	136.6	108.2	134.3	106.4	140.9	111.6
October .....	148.5	117.3	137.1	108.3	135.0	106.6	140.9	111.3
November ...	149.4	117.7	137.3	108.2	135.1	106.4	140.9	111.0
December ...	150.4	118.1	138.0	108.4	136.2	107.0	141.9	111.4
1973: January P ..	151.1	118.3	138.7	108.6	137.6	107.7	141.9	111.1
February P ..	151.4	(*)	139.3	(*)	138.6	(*)	142.0	(*)

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> Prior data are as follows:

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

\* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-17.

# EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

### C-13: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period <sup>1</sup> ending in--								
	1972				1971				1970
	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.	Dec.
Average hourly compensation:									
All persons, total private economy	6.6	5.8	6.2	6.3	6.5	6.6	7.5	7.5	6.9
All employees, private nonfarm economy:									
Current dollars	6.7 <sup>r</sup>	6.1	5.9	6.6	6.6	6.6	7.6	7.6	6.9
1967 dollars	3.1	3.0	2.7	3.0	3.0	2.2	3.1	2.6	1.2
Average hourly earnings, private nonfarm economy <sup>2</sup> :	6.8	6.0	6.2	6.5	6.5	6.5	6.9	6.3	5.6
Mining	10.7	6.6	7.3	8.2	2.2	6.7	6.5	6.0	6.7
Contract construction	6.3	5.4	6.9	7.8	8.1	8.3	9.0	8.5	3.8
Manufacturing	7.6	6.6	6.5	6.1	6.4	5.7	6.2	6.4	4.3
Transportation and public utilities	11.2	10.1	10.6	10.0	9.6	9.2	8.9	8.7	6.7
Wholesale and retail trade	5.5	5.0	4.9	5.6	5.3	5.6	5.9	5.6	5.5
Finance, insurance, and real estate	5.4	4.7	4.8	5.5	5.5	6.8	7.7	5.8	5.6
Services	6.0	5.1	5.6	6.0	6.1	6.5	7.7	8.1	7.8
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.6	5.9	6.3	6.6	6.6	6.9	7.4	7.2	6.6
1967 dollars	3.0	2.8	3.0	3.0	3.0	2.5	2.9	2.2	.9
Mining	8.1	6.9	7.4	8.3	4.7	6.5	5.8	5.0	5.6
Contract construction	6.2	5.4	6.7	7.8	8.0	8.2	8.9	8.7	8.7
Manufacturing	6.4	5.8	6.1	6.3	6.2	6.4	6.8	7.0	6.2
Transportation and public utilities	11.2	10.5	10.6	9.8	9.8	9.0	9.0	8.9	6.7
Wholesale and retail trade	5.5	5.0	5.0	5.6	5.7	6.0	6.4	5.9	5.6
Finance, insurance, and real estate	5.6	4.9	5.0	5.4	5.4	6.8	7.7	6.4	6.3
Services	5.7	4.9	5.5	6.2	6.1	7.2	8.0	8.0	7.7
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	9.4	7.7	7.2	6.7	3.8	7.2	8.6	13.9	10.5
Average union scales, 7 building trades: <sup>3</sup> $\frac{4}{}$									
Wages and selected benefits	7.9	8.0	7.3	11.1	10.8	11.7	12.1	13.7	13.0
Hourly wage rates	6.9	6.8	6.1	10.4	10.1	11.0	11.4	12.4	11.8
Wage rates, hired farm labor	8.5	7.3	5.7	4.0	3.5	5.3	5.5	6.1	5.6
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	7.0	6.8	6.6	6.9	7.0	6.0	6.4	5.2	3.8
1967 dollars	3.5	3.6	3.4	3.3	3.4	1.6	1.9	.3	-1.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.2	4.4	4.1	4.1	4.2	2.5	2.8	1.3	-1.3

<sup>1</sup> Current quarter divided by comparable quarter a year earlier.

<sup>2</sup> Production and nonsupervisory workers.

<sup>3</sup> Computed from data that are not seasonally adjusted.

<sup>4</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

r = revised

NOTE: See technical description at end of table C-17.

### C-14: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1972				1971				1970
	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.	Dec.
Average hourly compensation:									
All persons, total private economy	7.9 <sup>r</sup>	4.4	5.6	8.7	4.7	5.8	6.2	9.2	5.4
All employees, private nonfarm economy:									
Current dollars	7.2 <sup>r</sup>	5.9	4.7	9.0	5.1	5.1	7.2	9.0	5.1
1967 dollars	3.5 <sup>r</sup>	2.2	1.6	5.4	2.7	1.0	2.7	5.6	-0.3
Average hourly earnings, private nonfarm economy <sup>1</sup> :	8.2	4.9	6.5	7.4	5.1	5.6	7.8	7.5	5.0
Mining	4.9	5.0	3.8	31.2	-9.6	7.8	7.2	4.5	7.4
Contract construction	10.5	2.9	5.3	6.8	6.7	8.8	9.0	8.1	7.2
Manufacturing	7.2	5.4	6.6	11.1	3.4	5.0	5.0	12.3	.8
Transportation and public utilities	12.8	9.3	9.2	13.5	8.4	11.4	6.7	11.9	7.0
Wholesale and retail trade	5.8	5.9	3.6	6.6	3.7	5.7	6.3	5.4	5.0
Finance, insurance, and real estate	5.1	3.1	6.5	7.0	2.4	3.3	9.5	6.9	7.5
Services	10.9	1.7	4.3	7.1	7.3	3.6	6.0	7.6	8.7
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	7.7	5.0	5.6	8.0	5.2	6.3	7.1	7.9	6.4
1967 dollars	3.7	1.3	3.0	4.0	2.7	2.2	3.2	4.0	.8
Mining	3.7	6.1	4.2	19.4	-9	8.1	7.6	4.2	5.9
Contract construction	9.9	3.6	4.5	6.9	6.8	8.4	8.9	8.0	7.3
Manufacturing	6.5	4.6	5.5	8.9	4.4	5.6	6.3	8.4	5.2
Transportation and public utilities	12.6	9.2	9.9	13.2	9.7	9.6	6.8	13.1	6.6
Wholesale and retail trade	6.0	5.3	4.4	6.2	4.1	5.3	6.9	6.7	5.3
Finance, insurance, and real estate	4.9	3.5	7.4	6.6	2.2	3.7	9.2	6.8	7.7
Services	8.1	2.9	4.1	7.8	5.1	5.3	6.7	7.5	9.4
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	8.8	-.8	3.3	6.4	2.3	-2.8	1.6	3.5	3.8
Average union scales, 7 building trades: <sup>3</sup> $\frac{2}{}$									
Wages and selected benefits	5.3	7.7	13.3	5.6	5.4	4.9	15.9	9.0	13.5
Hourly wage rates	4.5	6.5	11.3	5.6	3.9	4.0	15.9	9.3	10.9
Wage rates, hired farm labor	(4)	18.6	9.2	7.0	-4.4	12.0	2.3	4.8	2.4
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	7.8	5.6	6.9	7.8	7.0	4.8	8.2	7.9	3.1
1967 dollars	3.9	2.0	4.3	3.8	4.5	.8	4.1	4.0	-2.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	3.0	1.3	3.5	9.1	3.8	.3	3.3	9.6	-2.6

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> 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.

<sup>3</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

<sup>4</sup> Less than 0.05

r = revised

NOTE: See technical description at end of table C-17.

**EMPLOYEE COMPENSATION DATA**  
**SEASONALLY ADJUSTED**

**C-15: Twelve-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in:												
	1973		1972										
	Feb. <sup>P</sup>	Jan. <sup>P</sup>	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.2	6.2	6.2	7.2	6.9	6.0	6.1	5.8	5.8	5.8	6.8	6.5	6.3
Mining	5.6	6.3	6.3	13.6	12.5	6.3	6.3	7.3	7.4	6.9	7.7	7.8	8.0
Contract construction	7.1	7.8	7.0	6.2	5.9	5.5	5.2	5.4	6.0	6.9	7.7	8.0	7.4
Manufacturing	6.7	7.6	6.8	8.4	7.5	7.2	6.7	5.9	6.5	6.5	6.5	6.3	6.0
Transportation and public utilities	9.6	9.7	10.5	11.8	11.4	9.3	10.8	10.2	10.3	10.4	11.2	10.5	9.3
Wholesale and retail trade	5.1	4.4	5.4	5.5	5.5	5.2	4.8	4.9	4.9	4.2	5.7	5.3	5.7
Finance, insurance, and real estate	5.0	4.4	5.4	5.8	5.1	5.1	4.2	4.9	4.6	3.9	5.8	4.6	5.3
Services	4.5	4.8	5.8	6.2	5.9	5.6	4.6	5.0	5.0	5.4	6.4	6.1	5.8
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.6	5.8	6.3	6.8	6.6	6.0	5.8	6.0	6.0	6.1	6.7	6.6	6.4
1967 dollars	(*)	2.1	2.8	3.2	3.1	2.7	2.7	2.9	3.0	2.7	3.2	3.0	2.6
Mining	5.9	6.3	6.4	9.1	9.0	6.4	6.6	7.8	7.5	6.9	8.0	8.1	7.9
Contract construction	5.9	7.4	6.8	5.8	6.0	5.6	5.3	5.3	6.0	6.6	7.4	7.7	7.5
Manufacturing	5.3	5.7	5.8	6.9	6.4	6.0	5.7	5.7	6.0	6.2	6.2	6.3	6.2
Transportation and public utilities	9.6	9.8	10.5	11.7	11.4	9.8	10.7	10.9	10.1	10.4	11.2	10.4	9.1
Wholesale and retail trade	5.0	4.7	5.3	5.6	5.5	5.2	4.7	5.0	4.9	4.5	5.5	5.5	5.4
Finance, insurance, and real estate	5.6	4.7	5.5	5.8	5.6	5.2	4.3	5.2	4.7	4.1	6.0	5.0	4.8
Services	4.2	4.5	5.6	5.6	5.8	5.2	4.6	5.0	5.0	5.3	6.4	5.9	6.2
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	7.4	9.8	11.0	7.7	7.2	8.3	7.5	6.9	7.0	7.8	6.7
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	6.5	5.9	5.9	7.5	7.7	7.2	6.7	6.7	6.1	6.1	7.7	6.8	7.1
1967 dollars	(*)	2.2	2.5	3.8	4.2	3.8	3.6	3.5	3.1	2.8	4.1	3.2	3.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	.8	3.3	4.5	4.8	4.5	4.4	4.3	4.0	3.6	4.8	4.0	4.1

<sup>1</sup> Current month divided by same month a year earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> Computed from data that are not seasonally adjusted.

\* Not available.  
P: preliminary.

NOTE: See technical description at end of table C-17.

**C-16: Six-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in:												
	1973		1972										
	Feb. <sup>P</sup>	Jan. <sup>P</sup>	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.1	7.3	6.7	6.7	6.2	5.6	6.3	5.1	5.7	7.6	7.6	6.4	5.9
Mining	6.5	9.3	8.4	4.2	2.3	5.2	4.7	3.3	4.3	23.8	23.8	7.3	7.9
Contract construction	9.8	12.3	9.5	5.7	4.7	4.4	4.4	3.4	4.5	6.6	7.0	6.7	6.0
Manufacturing	7.4	9.7	7.5	5.9	5.4	6.5	6.0	5.5	6.1	10.9	9.7	7.9	7.4
Transportation and public utilities	8.2	10.1	12.1	10.8	10.3	7.6	11.1	9.2	8.8	12.9	12.4	11.0	10.6
Wholesale and retail trade	5.4	4.7	6.8	6.1	4.7	5.5	4.8	4.1	4.1	4.9	6.3	4.9	4.9
Finance, insurance, and real estate	5.3	5.3	5.9	3.5	2.9	6.0	4.8	3.6	4.8	8.0	7.4	4.3	3.7
Services	6.4	7.8	7.8	6.5	4.5	4.5	2.6	1.9	3.9	6.0	7.3	6.7	6.7
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.9	6.9	7.3	6.0	5.7	5.8	5.3	4.8	5.2	7.6	7.6	6.3	6.2
1967 dollars	(*)	2.7	3.3	2.3	1.9	2.3	2.7	1.6	2.2	4.0	4.3	3.1	2.8
Mining	6.2	8.2	7.4	4.4	2.8	5.2	5.7	4.4	5.4	14.0	15.6	7.6	7.4
Contract construction	7.6	11.7	8.6	5.9	5.6	4.6	4.3	3.2	4.9	5.7	6.4	6.7	6.4
Manufacturing	5.5	6.4	5.9	5.2	5.6	5.2	5.0	5.0	5.7	8.6	7.2	6.8	6.5
Transportation and public utilities	8.6	10.0	12.6	10.5	9.6	8.5	10.5	9.6	8.5	13.0	13.3	11.2	10.9
Wholesale and retail trade	5.2	5.0	6.5	5.5	4.8	5.2	4.8	4.5	4.0	5.6	6.2	5.2	4.5
Finance, insurance, and real estate	5.8	4.6	5.6	3.9	3.2	6.1	5.4	4.8	5.4	7.7	8.0	4.4	3.2
Services	5.6	6.4	7.0	5.1	4.3	5.0	2.8	2.7	4.2	6.2	7.4	5.4	6.4
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	5.5	1.5	4.7	2.1	.4	1.1	4.5	9.0	8.5	6.5	7.0
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	7.2	5.5	6.2	7.9	6.2	6.8	5.7	6.3	5.7	7.0	9.3	7.6	7.6
1967 dollars	(*)	1.4	2.2	4.2	2.4	3.3	3.1	3.0	2.7	3.4	6.0	4.3	4.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	-.7	1.4	3.3	1.7	2.5	2.4	2.3	5.1	5.7	8.0	6.5	6.3

<sup>1</sup> Current month divided by month 6 months earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> 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-17.

**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**

**C-17: Average hourly or weekly compensation, seasonally adjusted**

Measure	1973		1972										
	1st quarter		4th quarter			3rd quarter			2nd quarter			1st quarter	
	Feb. <sup>P</sup>	Jan. <sup>P</sup>	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.
<b>Levels</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$ 3.78	\$ 3.77	\$ 3.75	\$ 3.74	\$ 3.73	\$ 3.69	\$ 3.67	\$ 3.64	\$ 3.63	\$ 3.62	\$ 3.62	\$ 3.59	\$ 3.56
Mining	4.55	4.59	4.55	4.43	4.40	4.42	4.41	4.39	4.37	4.34	4.35	4.31	4.31
Contract construction	6.35	6.37	6.29	6.19	6.15	6.10	6.06	6.01	6.01	6.02	6.01	5.97	5.93
Manufacturing	3.97	3.97	3.93	3.89	3.86	3.86	3.83	3.79	3.79	3.78	3.76	3.74	3.72
Transportation and public utilities	4.89	4.88	4.86	4.82	4.80	4.70	4.70	4.65	4.59	4.58	4.57	4.53	4.46
Wholesale and retail trade	3.11	3.09	3.10	3.07	3.06	3.05	3.03	3.02	3.00	2.98	2.99	2.97	2.96
Finance, insurance, and real estate	3.54	3.54	3.53	3.49	3.49	3.48	3.45	3.45	3.43	3.43	3.44	3.38	3.37
Services	3.26	3.26	3.27	3.25	3.24	3.21	3.16	3.14	3.15	3.15	3.17	3.14	3.12
Wage rates, hired farm labor (quarterly data)	-	1.92	-	-	1.92	-	-	1.84	-	-	1.80	-	-
Average weekly earnings, private nonfarm economy: <sup>1</sup>													
Current dollars	140.99	139.11	138.75	139.13	139.13	137.64	136.16	135.41	134.67	133.94	135.03	133.19	132.43
1967 dollars	(*)	108.79	109.08	109.61	109.91	109.06	108.39	108.06	107.92	107.39	108.62	107.32	106.75
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	95.81	96.81	97.24	97.50	96.88	96.39	96.16	96.10	95.69	96.69	95.69	95.24
<b>Indexes, 1967=100</b>													
Average hourly compensation (quarterly data):													
All persons, total private economy	(*)	-	-	145.0 <sup>T</sup>	-	-	142.2	-	-	140.7	-	-	138.8
All employees, private nonfarm economy:													
Current dollars	(*)	-	-	143.3	-	-	140.9	-	-	138.9	-	-	137.3
1967 dollars	(*)	-	-	112.9	-	-	112.0	-	-	111.4	-	-	110.9
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	142.4	142.5	142.0	140.7	140.5	139.3	138.3	137.8	137.1	136.7	136.7	135.5	134.8
1967 dollars	(*)	111.5	111.6	110.8	111.0	110.4	110.1	110.0	109.8	109.6	110.0	109.2	108.7
Mining	142.0	142.8	141.3	138.1	137.5	138.1	137.8	137.3	136.3	135.2	135.7	134.6	134.1
Contract construction	152.3	153.9	151.8	149.6	149.3	147.8	146.8	145.6	145.6	145.4	145.3	144.6	143.8
Manufacturing	139.6	139.5	138.9	137.9	137.5	136.7	135.9	135.3	135.0	134.5	133.9	133.2	132.7
Transportation and public utilities	151.2	151.0	150.4	149.1	148.3	145.6	145.1	144.0	141.7	141.8	141.7	139.8	138.0
Wholesale and retail trade	139.0	138.7	138.7	137.3	137.2	136.3	135.6	135.3	134.4	133.6	134.0	132.9	132.4
Finance, insurance, and real estate	137.5	137.0	136.6	135.1	135.5	134.8	133.6	133.9	133.0	132.5	133.4	130.9	130.2
Services	141.8	142.3	142.1	141.0	140.9	139.9	138.0	138.0	137.4	137.5	137.9	136.5	136.1
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	(*)	154.1	151.1	153.0	151.6	149.2	147.8	150.0	150.0	149.5	150.0	148.9
Average union scales, 7 building trades (quarterly data):													
Wages and selected benefits	-	164.4	-	-	162.3	-	-	159.3	-	-	154.4	-	-
Hourly wage rates	-	156.1	-	-	154.4	-	-	152.0	-	-	148.0	-	-

<sup>1</sup> Production and nonsupervisory workers. <sup>2</sup> Not seasonally adjusted. r revised \* Not available. p preliminary.

**Technical description covering tables C-12 through C-17:**

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**

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**C-18: 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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
<b>ALABAMA</b> <sup>1</sup>	\$138.17	\$139.61	\$127.58	41.0	41.8	40.5	\$3.37	\$3.34	\$3.15
Birmingham <sup>1</sup>	165.19	168.35	149.57	41.4	42.3	40.1	3.99	3.98	3.73
Mobile <sup>1</sup>	158.40	166.04	154.24	39.6	41.1	41.8	4.00	4.04	3.69
<b>ALASKA</b>	(*)	200.86	211.84	(*)	35.3	37.1	(*)	5.69	5.71
<b>ARIZONA</b>	159.98	164.77	150.72	40.4	41.4	40.3	3.96	3.98	3.74
Phoenix	160.80	165.64	151.15	40.0	41.0	40.2	4.02	4.04	3.76
Tucson	161.02	159.80	155.62	41.5	41.4	39.7	3.88	3.86	3.92
<b>ARKANSAS</b> <sup>1</sup>	112.01	110.78	110.42	38.1	38.2	40.3	2.94	2.90	2.74
Fort Smith <sup>1</sup>	110.08	110.21	104.52	37.7	38.4	39.0	2.92	2.87	2.68
Little Rock—North Little Rock <sup>1</sup>	117.69	117.56	114.55	37.6	37.8	39.5	3.13	3.11	2.90
Pine Bluff <sup>1</sup>	141.45	144.79	139.28	40.3	40.9	41.7	3.51	3.54	3.34
<b>CALIFORNIA</b>	174.80	177.02	163.55	40.0	40.6	39.6	4.37	4.36	4.13
Anaheim—Santa Ana—Garden Grove	169.28	172.20	162.79	40.4	41.0	40.8	4.19	4.20	3.99
Bakersfield	183.42	180.23	166.04	40.4	40.5	40.3	4.54	4.45	4.12
Fresno	147.45	150.10	143.93	38.7	39.5	38.9	3.81	3.80	3.70
Los Angeles—Long Beach	168.04	171.37	158.00	40.2	40.9	40.0	4.18	4.19	3.95
Modesto	152.67	157.96	144.40	36.7	39.1	38.1	4.16	4.04	3.79
Oxnard—Simi Valley—Ventura	152.86	154.82	147.78	38.6	38.9	39.2	3.96	3.98	3.77
Riverside—San Bernardino—Ontario	167.14	166.72	158.80	39.7	39.6	39.6	4.21	4.21	4.01
Sacramento	178.51	179.83	170.17	37.9	38.1	37.9	4.71	4.72	4.49
Salinas—Seaside—Monterey	162.86	159.05	142.74	38.5	37.6	36.6	4.23	4.23	3.90
San Diego	175.83	179.90	158.79	38.9	39.8	37.1	4.52	4.52	4.28
San Francisco—Oakland	200.82	202.69	186.72	39.3	39.9	38.9	5.11	5.08	4.80
San Jose	190.07	190.49	173.01	41.5	41.5	39.5	4.58	4.59	4.38
Santa Barbara—Santa Maria—Lompoc	158.80	159.20	152.05	39.7	39.7	38.3	4.00	4.01	3.97
Santa Rosa	163.77	160.93	153.14	38.9	38.5	38.0	4.21	4.18	4.03
Stockton	191.43	193.80	176.14	40.3	40.8	40.4	4.75	4.75	4.36
Vallejo—Fairfield—Napa	163.32	167.20	162.18	36.7	38.0	38.8	4.45	4.40	4.18
<b>COLORADO</b>	166.06	164.43	154.05	40.7	40.6	39.4	4.08	4.05	3.91
Denver	165.13	165.55	157.61	39.6	39.7	39.5	4.17	4.17	3.99
<b>CONNECTICUT</b>	169.26	170.47	151.74	42.0	42.3	40.9	4.03	4.03	3.71
Bridgeport	169.71	171.25	155.39	41.8	42.6	41.0	4.06	4.02	3.79
Hartford	181.47	184.04	158.65	42.4	43.0	41.1	4.28	4.28	3.86
New Britain	171.65	171.78	154.63	40.2	42.0	40.8	4.27	4.09	3.79
New Haven	161.54	165.90	150.63	41.0	42.0	40.6	3.94	3.95	3.71
Stamford	170.98	172.22	159.96	41.3	41.6	40.6	4.14	4.14	3.94
Waterbury	155.49	157.75	142.90	42.6	43.1	41.3	3.65	3.66	3.46
<b>DELAWARE</b> <sup>1</sup>	170.94	180.20	159.20	40.7	42.3	39.9	4.20	4.26	3.99
Wilmington <sup>1</sup>	183.87	194.62	170.25	40.5	42.4	39.5	4.54	4.59	4.31
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA	(*)	182.13	167.86	(*)	39.0	38.5	(*)	4.67	4.36
<b>FLORIDA</b>	138.02	140.44	129.27	41.2	42.3	41.3	3.35	3.32	3.13
Fort Lauderdale—Hollywood	(*)	143.31	131.41	(*)	42.4	39.7	(*)	3.38	3.31
Jacksonville	(*)	168.60	147.96	(*)	42.9	41.1	(*)	3.93	3.60
Miami	(*)	130.73	117.41	(*)	40.1	39.4	(*)	3.26	2.98
Orlando	(*)	141.70	126.60	(*)	43.2	42.2	(*)	3.28	3.00
Pensacola	(*)	161.93	155.21	(*)	41.1	41.5	(*)	3.94	3.74
Tampa—St. Petersburg	(*)	142.20	133.58	(*)	41.7	41.1	(*)	3.41	3.25
West Palm Beach	(*)	179.15	169.20	(*)	47.9	47.0	(*)	3.74	3.60
<b>GEORGIA</b> <sup>1</sup>	122.82	134.08	119.58	38.5	41.9	40.4	3.19	3.20	2.96
Atlanta <sup>1</sup>	146.61	176.81	150.05	36.2	42.3	39.8	4.05	4.18	3.77
Savannah <sup>1</sup>	158.90	159.27	151.43	42.6	42.7	42.3	3.73	3.73	3.58

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**
**C-18: 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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
<b>HAWAII</b> .....	\$149.97	\$154.04	\$134.25	37.4	38.9	37.5	\$4.01	\$3.96	\$3.58
Honolulu .....	149.37	155.42	132.06	38.3	40.9	37.2	3.90	3.80	3.55
<b>IDAHO</b> .....	152.80	158.38	140.34	40.0	39.3	39.2	3.82	4.03	3.58
<b>ILLINOIS</b> .....	180.11	181.21	162.88	41.0	41.4	39.7	4.39	4.38	4.10
Chicago .....	(*)	182.82	164.04	(*)	41.4	39.6	(*)	4.41	4.14
Davenport-Rock Island-Moline .....	213.05	212.98	190.52	41.7	41.6	40.2	5.11	5.11	4.74
Decatur .....	197.12	193.77	178.51	41.9	41.5	41.0	4.70	4.67	4.36
Peoria .....	222.86	225.69	193.38	43.3	43.5	40.1	5.15	5.19	4.82
Rockford .....	180.21	183.72	160.83	42.8	43.8	40.7	4.21	4.19	3.95
Springfield .....	188.01	191.83	178.26	40.0	40.6	41.3	4.71	4.73	4.31
<b>INDIANA</b> .....	188.45	191.20	170.47	41.6	42.3	40.3	4.53	4.52	4.23
Indianapolis .....	(*)	205.48	175.48	(*)	44.0	41.0	(*)	4.67	4.28
<b>IOWA</b> <sup>1</sup> .....	183.27	183.68	165.98	41.0	41.0	39.9	4.47	4.48	4.16
Cedar Rapids .....	187.92	184.89	168.51	43.2	42.7	41.0	4.35	4.33	4.11
Des Moines .....	195.47	188.14	175.52	41.5	40.2	39.8	4.71	4.68	4.41
Dubuque .....	207.39	217.75	193.33	39.2	40.7	38.9	5.29	5.35	4.97
Sioux City .....	152.14	151.26	152.56	40.6	39.7	40.9	3.75	3.81	3.73
Waterloo .....	229.63	230.47	196.39	42.5	42.6	41.0	5.40	5.41	4.79
<b>KANSAS</b> .....	155.45	157.13	149.24	40.4	40.9	40.6	3.84	3.85	3.68
Topeka .....	183.54	187.08	164.42	41.4	41.9	40.5	4.43	4.46	4.06
Wichita .....	165.33	169.11	162.49	41.5	42.9	42.5	3.98	3.94	3.83
<b>KENTUCKY</b> .....	155.09	157.82	141.65	40.6	41.1	39.9	3.82	3.84	3.55
Louisville <sup>1</sup> .....	185.09	193.03	164.30	41.5	42.8	39.4	4.46	4.51	4.17
<b>LOUISIANA</b> .....	151.29	162.66	148.21	39.5	44.2	41.4	3.83	3.68	3.58
Baton Rouge <sup>1</sup> .....	215.69	215.73	200.49	41.8	42.3	41.0	5.16	5.10	4.89
New Orleans <sup>1</sup> .....	153.63	162.15	148.06	39.8	41.9	40.9	3.86	3.87	3.62
Shreveport <sup>1</sup> .....	144.02	149.16	131.60	40.8	41.9	40.0	3.53	3.56	3.29
<b>MAINE</b> <sup>1</sup> .....	127.08	128.33	118.00	40.6	41.0	40.0	3.13	3.13	2.95
Lewiston-Auburn <sup>1</sup> .....	109.03	105.64	97.73	38.8	38.0	37.3	2.81	2.78	2.62
Portland <sup>1</sup> .....	136.08	140.15	127.98	40.5	41.1	39.5	3.36	3.41	3.24
<b>MARYLAND</b> .....	165.65	166.87	150.46	40.5	40.9	39.7	4.09	4.08	3.79
Baltimore .....	173.84	175.11	156.80	41.0	41.3	40.0	4.24	4.24	3.92
<b>MASSACHUSETTS</b> .....	(*)	153.44	139.83	(*)	40.7	39.5	(*)	3.77	3.54
Boston .....	(*)	169.32	152.46	(*)	40.8	39.6	(*)	4.15	3.85
Brockton .....	(*)	125.51	118.94	(*)	38.5	38.0	(*)	3.26	3.13
Fall River .....	(*)	105.67	94.47	(*)	35.7	33.5	(*)	2.96	2.82
Lawrence-Haverhill .....	(*)	148.92	138.84	(*)	40.8	41.2	(*)	3.65	3.37
Lowell .....	(*)	136.15	120.43	(*)	40.4	39.1	(*)	3.37	3.08
New Bedford .....	(*)	125.71	112.80	(*)	38.8	37.6	(*)	3.24	3.00
Springfield-Chicopee-Holyoke .....	(*)	156.56	142.52	(*)	41.2	39.7	(*)	3.80	3.59
Worcester .....	(*)	161.02	142.42	(*)	41.5	38.7	(*)	3.88	3.68
<b>MICHIGAN</b> .....	227.88	234.52	199.36	43.9	45.3	41.3	5.19	5.18	4.83
Ann Arbor .....	248.25	263.70	214.55	45.4	48.2	42.3	5.47	5.47	5.07
Battle Creek .....	217.28	214.24	183.84	43.0	42.9	40.6	5.05	4.99	4.53
Bay City .....	214.21	195.63	177.74	46.7	42.4	39.7	4.59	4.61	4.48
Detroit .....	249.53	262.47	210.35	45.0	47.6	41.4	5.55	5.51	5.08
Flint .....	249.47	255.21	222.77	44.5	44.9	41.2	5.61	5.68	5.41
Grand Rapids .....	175.91	175.72	164.07	41.1	41.2	39.9	4.28	4.27	4.11
Jackson .....	203.34	210.05	175.53	43.0	44.1	38.4	4.75	4.76	4.57
Kalamazoo .....	206.74	205.02	189.95	42.9	43.0	41.0	4.82	4.77	4.63
Lansing-East Lansing .....	254.42	255.29	214.49	46.3	46.8	41.9	5.50	5.46	5.12
Muskegon-Muskegon Heights .....	189.44	191.25	173.46	42.2	42.7	41.3	4.49	4.48	4.20
Saginaw .....	242.78	245.16	221.29	43.3	43.3	41.8	5.61	5.66	5.29

See footnotes at end of table.

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

**C-18: 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. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Jan. 1972
<b>MINNESOTA</b> <sup>1</sup>	\$170.57	\$172.63	\$154.84	41.3	41.8	39.2	\$4.13	\$4.13	\$3.95
Duluth-Superior	(*)	172.62	139.47	(*)	42.0	37.9	(*)	4.11	3.68
Minneapolis-St. Paul	(*)	185.24	167.60	(*)	42.1	40.0	(*)	4.40	4.19
<b>MISSISSIPPI</b> <sup>1</sup>	110.20	120.10	108.14	38.0	41.7	40.2	2.90	2.88	2.69
Jackson	100.10	114.26	107.94	36.4	41.7	41.2	2.75	2.74	2.62
<b>MISSOURI</b>	156.82	153.65	145.43	39.5	38.8	39.2	3.97	3.96	3.71
Kansas City	176.71	179.05	141.77	39.8	40.6	39.6	4.44	4.41	3.58
St. Joseph	154.93	151.94	143.15	42.1	41.4	40.9	3.68	3.67	3.50
St. Louis	181.30	179.95	166.69	40.2	39.9	39.5	4.51	4.51	4.22
Springfield	138.72	133.28	125.93	40.8	39.2	39.6	3.40	3.40	3.18
<b>MONTANA</b>	164.83	167.28	159.17	40.3	41.0	40.5	4.09	4.08	3.93
<b>NEBRASKA</b>	151.59	154.43	142.31	41.4	42.0	41.4	3.66	3.68	3.44
Lincoln	142.21	145.86	128.41	40.5	41.4	39.3	3.51	3.53	3.27
Omaha	160.13	165.27	146.83	40.7	41.6	39.9	3.93	3.97	3.68
<b>NEVADA</b> <sup>1</sup>	167.78	166.57	174.32	39.2	39.1	39.8	4.28	4.26	4.38
Las Vegas	(*)	219.30	210.15	(*)	43.0	42.8	(*)	5.10	4.91
<b>NEW HAMPSHIRE</b>	130.75	131.34	121.91	39.5	39.8	39.2	3.31	3.30	3.11
Manchester	118.35	118.42	109.33	38.3	38.7	37.7	3.09	3.06	2.90
<b>NEW JERSEY</b>	168.91	171.74	155.52	41.5	42.3	40.5	4.07	4.06	3.84
Atlantic City	135.83	139.84	123.18	39.6	40.3	37.9	3.43	3.47	3.25
Camden <sup>2</sup>	159.10	163.80	147.90	40.9	42.0	40.3	3.89	3.90	3.67
Jersey City <sup>3</sup>	167.27	168.05	156.79	41.2	41.7	40.1	4.06	4.03	3.91
Newark <sup>3</sup>	168.49	173.88	155.60	40.6	42.0	40.0	4.15	4.14	3.89
Paterson-Clifton-Passaic <sup>3</sup>	166.46	169.73	152.08	40.7	41.6	39.5	4.09	4.08	3.85
Perth Amboy <sup>3</sup>	184.41	185.29	168.09	42.2	42.4	40.7	4.37	4.37	4.13
Trenton	176.80	185.33	160.38	41.6	43.2	40.5	4.25	4.29	3.96
<b>NEW MEXICO</b> <sup>1</sup>	112.52	118.08	112.29	39.9	41.0	39.4	2.82	2.88	2.85
Albuquerque <sup>1</sup>	116.91	128.63	117.81	39.9	41.9	39.8	2.93	3.07	2.96
<b>NEW YORK</b>	(*)	165.63	151.71	(*)	40.3	39.1	(*)	4.11	3.88
Albany-Schenectady-Troy	(*)	186.08	165.65	(*)	42.1	40.5	(*)	4.42	4.09
Binghamton	(*)	157.10	152.59	(*)	40.7	40.8	(*)	3.86	3.74
Buffalo	(*)	204.79	182.16	(*)	42.4	40.3	(*)	4.83	4.52
Elmira	(*)	157.87	145.27	(*)	40.9	39.8	(*)	3.86	3.65
Monroe County <sup>4</sup>	(*)	208.01	189.98	(*)	42.8	41.3	(*)	4.86	4.60
Nassau and Suffolk Counties <sup>5</sup>	(*)	159.20	152.43	(*)	40.0	39.8	(*)	3.98	3.83
New York-Northeastern New Jersey	(*)	(*)	147.83	(*)	(*)	38.7	(*)	(*)	3.82
New York SMSA <sup>3</sup>	(*)	152.45	142.13	(*)	38.4	37.7	(*)	3.97	3.77
New York City <sup>5</sup>	(*)	149.31	139.87	(*)	37.8	37.2	(*)	3.95	3.76
Rochester	(*)	198.05	182.93	(*)	42.5	41.2	(*)	4.66	4.44
Rockland County <sup>5</sup>	(*)	161.15	150.11	(*)	40.9	39.4	(*)	3.94	3.81
Syracuse	(*)	181.90	159.96	(*)	42.5	40.6	(*)	4.28	3.94
Utica-Rome	(*)	156.08	139.04	(*)	41.4	39.5	(*)	3.77	3.52
Westchester County <sup>5</sup>	(*)	170.97	147.44	(*)	41.0	38.8	(*)	4.17	3.80
<b>NORTH CAROLINA</b>	106.80	119.11	108.67	36.7	41.5	40.1	2.91	2.87	2.71
Asheville	108.19	115.08	107.04	38.5	41.1	40.7	2.81	2.80	2.63
Charlotte	111.26	127.56	116.24	36.6	42.1	40.5	3.04	3.03	2.87
Greensboro-Winston-Salem-High Point	119.39	135.62	120.87	36.4	41.6	39.5	3.28	3.26	3.06
Raleigh	100.50	120.69	109.76	33.5	40.5	39.2	3.00	2.98	2.80
<b>NORTH DAKOTA</b>	139.60	136.55	127.02	40.7	40.4	39.4	3.43	3.38	3.23
Fargo-Moorhead	145.54	143.63	138.57	38.4	38.3	38.6	3.79	3.75	3.59

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**
**C-18: 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. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972
	OHIO.....	\$196.27	\$196.81	\$174.12	42.3	42.6	40.4	\$4.64	\$4.62
Akron.....	213.84	214.95	186.19	43.2	43.6	40.3	4.95	4.93	4.62
Canton.....	190.82	191.00	176.55	40.6	40.9	40.4	4.70	4.67	4.37
Cincinnati.....	181.88	185.76	165.24	42.2	43.3	40.5	4.31	4.29	4.08
Cleveland.....	202.10	201.71	179.14	43.0	43.1	40.9	4.70	4.68	4.38
Columbus.....	179.11	180.81	159.57	40.8	41.0	39.4	4.39	4.41	4.05
Dayton.....	212.11	221.76	191.06	43.2	44.8	41.0	4.91	4.95	4.66
Toledo.....	215.07	217.80	185.23	43.1	44.0	40.8	4.99	4.95	4.54
Youngstown-Warren.....	217.85	206.00	184.32	42.3	41.2	39.3	5.15	5.00	4.69
OKLAHOMA <sup>1</sup> .....	141.05	139.98	136.68	39.4	39.1	40.2	3.58	3.58	3.40
Oklahoma City <sup>1</sup> .....	146.07	146.83	138.92	39.8	39.9	40.5	3.67	3.68	3.43
Tulsa <sup>1</sup> .....	158.62	154.73	141.80	41.2	40.4	39.5	3.85	3.83	3.59
OREGON.....	172.03	163.24	164.61	38.4	36.6	39.1	4.48	4.46	4.21
Eugene-Springfield.....	181.42	155.69	178.27	39.1	33.7	40.7	4.64	4.62	4.38
Portland.....	168.19	166.44	160.54	38.4	38.0	38.5	4.38	4.38	4.17
PENNSYLVANIA.....	161.20	162.01	146.26	39.9	40.2	38.9	4.04	4.03	3.76
Allentown-Bethlehem-Easton.....	157.92	160.39	145.15	38.8	39.7	38.4	4.07	4.04	3.78
Altoona.....	126.22	125.88	120.43	36.8	36.7	38.6	3.43	3.43	3.12
Delaware Valley <sup>6</sup> .....	170.89	172.58	156.82	40.4	40.8	39.6	4.23	4.23	3.96
Erie.....	170.55	172.20	158.18	41.7	42.0	41.3	4.09	4.10	3.83
Harrisburg.....	144.54	141.15	132.55	39.6	39.1	39.1	3.65	3.61	3.39
Johnstown.....	157.87	155.73	145.60	36.8	36.3	36.4	4.29	4.29	4.00
Lancaster.....	151.03	150.84	138.45	40.6	41.1	39.9	3.72	3.67	3.47
Philadelphia SMSA.....	169.70	171.79	155.62	40.5	41.0	39.7	4.19	4.19	3.92
Pittsburgh.....	191.03	191.58	171.78	41.8	41.2	39.4	4.57	4.65	4.36
Reading.....	145.13	142.08	131.17	38.7	38.4	37.8	3.75	3.70	3.47
Scranton.....	118.17	119.16	110.26	35.7	36.0	35.8	3.31	3.31	3.08
Wilkes-Barre-Hazleton.....	118.08	120.09	109.99	36.0	36.5	36.3	3.28	3.29	3.03
York.....	147.38	150.30	134.23	41.4	42.1	40.8	3.56	3.57	3.29
RHODE ISLAND.....	127.40	127.91	120.74	39.2	39.6	39.2	3.25	3.23	3.08
Providence-Warwick-Pawtucket.....	129.42	128.55	121.75	39.7	39.8	39.4	3.26	3.23	3.09
SOUTH CAROLINA.....	109.00	122.51	112.48	36.7	42.1	40.9	2.97	2.91	2.75
Charleston.....	(*)	139.02	122.58	(*)	42.0	39.8	(*)	3.31	3.08
Greenville.....	(*)	123.09	113.58	(*)	42.3	41.3	(*)	2.91	2.75
SOUTH DAKOTA.....	144.21	146.52	137.17	43.7	44.4	42.6	3.30	3.30	3.22
Sioux Falls.....	181.12	185.33	172.05	46.8	47.4	46.5	3.87	3.91	3.70
TENNESSEE.....	(*)	131.43	121.20	(*)	41.2	40.4	(*)	3.19	3.00
Chattanooga <sup>1</sup> .....	129.06	146.70	136.62	37.3	42.4	41.4	3.46	3.46	3.30
Knoxville.....	(*)	148.87	138.77	(*)	41.7	41.3	(*)	3.57	3.36
Memphis.....	(*)	158.42	141.45	(*)	41.8	41.0	(*)	3.79	3.45
Nashville.....	(*)	137.60	123.24	(*)	40.0	39.0	(*)	3.44	3.16
TEXAS <sup>1</sup> .....	139.37	145.56	139.54	38.5	40.1	40.8	3.62	3.63	3.42
Amarillo <sup>1</sup> .....	122.07	126.56	120.99	39.0	39.8	39.8	3.13	3.18	3.04
Austin <sup>1</sup> .....	117.94	120.71	120.99	37.8	38.2	40.6	3.12	3.16	2.98
Beaumont-Port Arthur-Orange <sup>1</sup> .....	183.71	199.41	186.76	37.8	41.2	40.6	4.86	4.84	4.60
Corpus Christi <sup>1</sup> .....	166.45	173.84	170.91	40.4	42.4	42.2	4.12	4.10	4.05
Dallas <sup>1</sup> .....	125.70	126.71	129.68	37.3	37.6	40.4	3.37	3.37	3.21
El Paso <sup>1</sup> .....	100.65	97.89	91.80	40.1	39.0	38.9	2.51	2.51	2.36
Fort Worth <sup>1</sup> .....	148.99	151.30	143.62	38.4	39.4	40.8	3.88	3.84	3.52
Galveston-Texas City <sup>1</sup> .....	216.66	226.37	216.41	39.9	43.2	42.6	5.43	5.24	5.08
Houston <sup>1</sup> .....	179.77	186.54	172.80	42.2	44.1	43.2	4.26	4.23	4.00
Lubbock <sup>1</sup> .....	123.11	125.52	120.98	40.9	41.7	42.6	3.01	3.01	2.84
San Antonio <sup>1</sup> .....	119.83	118.30	110.03	41.9	42.1	40.6	2.86	2.81	2.71
Waco <sup>1</sup> .....	100.35	94.13	115.62	32.9	31.8	38.8	3.05	2.96	2.98
Wichita Falls <sup>1</sup> .....	110.48	110.48	107.06	38.9	38.9	39.8	2.84	2.84	2.69

See footnotes at end of table.

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

**C-18: 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. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Jan. 1972
UTAH <sup>1</sup>	\$151.32	\$152.86	\$144.62	38.8	39.5	39.3	\$3.90	\$3.87	\$3.68
Salt Lake City <sup>1</sup>	141.26	142.56	136.72	38.7	39.6	39.4	3.65	3.60	3.47
VERMONT	140.95	142.64	130.24	41.7	42.2	40.7	3.38	3.38	3.20
Burlington	161.83	156.71	153.04	42.7	41.9	41.7	3.79	3.74	3.67
Springfield	164.58	168.39	138.20	42.2	43.4	39.6	3.90	3.88	3.49
VIRGINIA <sup>1</sup>	126.68	132.89	121.00	39.1	41.4	40.2	3.24	3.21	3.01
Lynchburg	130.33	143.65	122.96	40.6	44.2	41.4	3.21	3.25	2.97
Norfolk-Virginia Beach-Portsmouth	140.80	157.85	127.43	40.0	45.1	40.2	3.52	3.50	3.17
Northern Virginia <sup>7</sup>	163.15	170.16	158.77	39.6	41.3	39.3	4.12	4.12	4.04
Richmond	142.16	149.87	133.27	39.6	41.4	39.9	3.59	3.62	3.34
Roanoke	118.69	132.06	115.46	39.3	42.6	40.8	3.02	3.10	2.83
WASHINGTON	183.06	181.35	169.56	39.2	39.0	38.8	4.67	4.65	4.37
Seattle-Everett	189.29	189.68	174.39	39.6	39.6	39.1	4.78	4.79	4.46
Spokane	169.34	177.30	162.51	37.8	39.4	38.6	4.48	4.50	4.21
Tacoma	181.72	185.08	169.93	38.5	38.8	38.1	4.72	4.77	4.46
WEST VIRGINIA	158.80	159.20	149.25	39.8	39.9	39.8	3.99	3.99	3.75
Charleston	192.10	193.66	183.18	41.4	42.1	42.6	4.64	4.60	4.30
Huntington-Ashland	173.57	172.73	154.39	39.9	39.8	38.5	4.35	4.34	4.01
Wheeling	167.25	164.77	154.01	40.3	39.8	39.9	4.15	4.14	3.86
WISCONSIN	180.96	181.55	160.87	41.7	41.9	40.1	4.34	4.33	4.01
Appleton-Oshkosh	176.56	178.02	158.97	42.6	43.1	41.2	4.15	4.13	3.86
Green Bay	177.62	179.86	160.61	42.6	43.2	41.3	4.17	4.16	3.89
Kenosha	224.42	223.32	178.01	43.3	42.8	39.4	5.18	5.21	4.52
La Crosse	140.74	144.97	136.61	40.3	40.7	40.6	3.49	3.56	3.37
Madison	188.17	193.25	179.06	40.1	41.0	40.1	4.69	4.71	4.46
Milwaukee	196.78	196.58	171.92	41.8	41.9	39.7	4.71	4.69	4.33
Racine	189.00	195.67	168.43	41.5	42.7	40.2	4.56	4.58	4.19
WYOMING	153.50	145.50	141.09	40.5	38.8	39.3	3.79	3.75	3.59
Casper	185.36	182.55	174.71	41.1	41.3	42.2	3.51	4.42	4.14
Cheyenne	131.60	139.88	145.70	37.6	37.5	36.7	3.50	3.73	3.97

<sup>1</sup> Revised series; not strictly comparable with previously published data.  
<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>3</sup> Area included in the New York-Northeastern New Jersey Standard Consolidated Area.  
<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>5</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>7</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
<sup>\*</sup> Not available.  
<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA  
LABOR TURNOVERD-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	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5	3.9
1972	4.1	3.7	4.0	4.0	4.8	5.2	4.6	6.0	5.3	4.8	3.6	2.7	4.4
1973	4.5 <sup>p</sup>												
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	3.4	2.7	2.2	1.6	2.5
1972	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.2	3.8	2.9	2.0	3.3
1973	3.5 <sup>p</sup>												
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	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8	4.2
1972	4.0	3.5	3.8	3.7	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.6	4.2
1973	4.3 <sup>p</sup>												
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	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.4	2.5	1.9	1.6	2.2
1973	2.3 <sup>p</sup>												
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	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3	1.1
1973	1.1 <sup>p</sup>												

<sup>p</sup>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. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972
-	<b>MANUFACTURING</b> .....	4.5	2.7	4.4	3.5	2.0	3.3	4.3	3.6	4.2	2.3	1.6	2.2	1.1	1.3	1.1
19,24, 25,32-39	<b>DURABLE GOODS</b> .....	4.4	2.5	4.1	3.3	1.9	3.0	3.8	3.1	3.7	1.9	1.3	1.9	.9	1.0	1.0
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	4.8	3.0	4.8	3.6	2.2	3.6	4.9	4.4	4.8	2.7	2.0	2.7	1.4	1.7	1.3
	<i>Durable Goods</i>															
19	<b>ORDNANCE AND ACCESSORIES</b> .....	-	1.5	2.5	-	.9	1.6	-	1.8	2.2	-	.6	.9	-	.6	.7
192	Ammunition, except for small arms .....	-	1.4	2.6	-	.9	1.6	-	1.9	2.2	-	.6	.8	-	.8	.7
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	5.7	3.3	6.0	4.6	2.8	5.2	5.8	5.4	5.8	3.4	2.6	3.9	1.3	2.1	1.0
242	Sawmills and planing mills .....	-	3.2	5.5	-	2.8	4.8	-	4.5	5.3	-	2.7	3.9	-	1.1	.6
2421	Sawmills and planing mills, general .....	-	3.1	5.1	-	2.7	4.5	-	4.1	4.9	-	2.4	3.5	-	1.0	.6
243	Millwork, plywood & related products .....	-	2.8	6.0	-	2.5	5.2	-	4.7	5.6	-	2.3	3.7	-	1.7	.9
2431	Millwork .....	-	2.7	5.8	-	2.2	5.2	-	4.2	5.5	-	2.2	3.6	-	1.3	.8
2432	Veneer and plywood .....	-	2.8	5.0	-	2.5	4.5	-	3.5	4.9	-	2.2	3.4	-	.6	.5
244	Wooden containers .....	-	5.1	8.1	-	4.4	7.1	-	6.5	7.8	-	4.2	5.8	-	1.4	1.1
2441,2	Wooden boxes, shooks, and crates .....	-	4.5	7.9	-	4.2	7.3	-	6.9	7.7	-	4.5	5.9	-	1.7	1.0
249	Miscellaneous wood products .....	-	4.0	6.4	-	3.2	5.4	-	5.2	6.1	-	2.8	4.0	-	1.4	.9
25	<b>FURNITURE AND FIXTURES</b> .....	7.3	3.6	6.4	6.5	3.2	5.7	6.4	4.5	5.9	4.5	2.9	4.1	.6	.7	.7
251	Household furniture .....	-	3.9	6.8	-	3.4	6.1	-	4.7	6.2	-	3.2	4.5	-	.6	.5
2511	Wood household furniture .....	-	4.4	7.1	-	4.0	6.4	-	4.9	6.4	-	3.4	4.8	-	.5	.4
2512	Upholstered household furniture .....	-	3.0	5.8	-	2.7	5.4	-	4.3	5.2	-	2.9	4.0	-	.6	.3
2515	Mattresses and bedsprings .....	-	3.1	6.0	-	2.8	5.3	-	4.4	5.8	-	2.8	3.8	-	.8	.7
252	Office furniture .....	-	2.9	4.8	-	2.6	4.2	-	2.9	4.2	-	1.8	2.6	-	.3	.6
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	4.5	2.6	4.4	3.2	2.0	3.4	4.7	4.8	4.2	2.2	1.6	2.2	1.7	2.4	1.1
321	Flat glass .....	-	2.6	2.8	-	.5	.8	-	4.3	3.2	-	.3	.5	-	3.3	1.8
322	Glass and glassware, pressed or blown .....	-	1.9	3.7	-	1.2	2.4	-	3.7	3.5	-	.9	1.6	-	2.2	1.0
3221	Glass containers .....	-	1.7	3.6	-	.9	2.5	-	4.4	3.8	-	.8	1.8	-	3.0	1.2
3229	Pressed and blown glass, n e c .....	-	2.1	3.7	-	1.5	2.3	-	2.9	3.1	-	.9	1.3	-	1.1	.7
324	Cement, hydraulic .....	-	.7	1.6	-	.5	1.2	-	2.5	1.6	-	.3	.6	-	1.7	.5
325	Structural clay products .....	-	3.5	5.7	-	3.0	4.9	-	5.3	5.6	-	2.7	3.8	-	1.8	.9
3251	Brick and structural clay tile .....	-	4.3	6.8	-	3.7	6.0	-	6.7	6.6	-	3.5	4.9	-	2.3	.8
326	Pottery and related products .....	-	3.0	4.7	-	2.4	4.0	-	3.8	4.2	-	2.1	2.5	-	.8	.6
3291	Abrasive products .....	-	2.5	2.9	-	2.1	2.2	-	1.8	2.3	-	.8	1.1	-	.3	.4
33	<b>PRIMARY METAL INDUSTRIES</b> .....	3.4	2.2	3.4	2.4	1.5	1.9	2.8	2.1	2.8	1.2	.8	1.1	.6	.5	.7
331	Blast furnace and basic steel products .....	-	2.0	3.1	-	.9	1.1	-	1.6	2.3	-	.4	.6	-	.5	.8
3312	Blast furnaces and steel mills .....	-	2.0	3.1	-	.7	.9	-	1.5	2.2	-	.3	.6	-	.5	.8
332	Iron and steel foundries .....	-	3.0	4.4	-	2.5	3.2	-	3.4	3.9	-	1.7	2.0	-	.6	.7
3321	Gray iron foundries .....	-	2.9	4.2	-	2.4	3.3	-	3.4	3.8	-	1.7	2.0	-	.6	.6
3322	Malleable iron foundries .....	-	3.1	5.3	-	2.8	4.3	-	4.3	4.5	-	1.7	2.6	-	1.4	.3
3323	Steel foundries .....	-	3.5	4.3	-	2.6	2.6	-	3.0	4.0	-	1.6	1.7	-	.5	1.3
333,4	Nonferrous metals .....	-	1.1	2.5	-	.9	1.7	-	2.1	2.5	-	.8	1.2	-	.6	.5
335	Nonferrous rolling and drawing .....	-	1.7	2.8	-	1.2	1.8	-	1.8	2.3	-	.6	1.0	-	.4	.5
3351	Copper rolling and drawing .....	-	1.7	2.6	-	1.4	2.0	-	2.1	2.2	-	.5	1.0	-	.4	.4
3352	Aluminum rolling and drawing .....	-	1.8	2.7	-	1.1	1.6	-	1.6	2.1	-	.6	.9	-	.5	.5
3357	Nonferrous wire drawing, and insulating .....	-	1.6	3.1	-	1.4	2.0	-	1.8	2.5	-	.7	1.0	-	.4	.7
336	Nonferrous foundries .....	-	3.5	5.1	-	3.1	4.1	-	3.1	4.3	-	1.8	2.4	-	.4	.8
3361	Aluminum castings .....	-	4.1	5.4	-	3.6	4.5	-	3.2	4.5	-	2.0	2.6	-	.2	.7
3362,9	Other nonferrous castings .....	-	2.8	4.7	-	2.5	3.6	-	3.1	4.1	-	1.7	2.1	-	.6	1.0
339	Miscellaneous primary metal products .....	-	2.5	3.1	-	2.2	2.4	-	2.0	2.5	-	1.1	2.2	-	.2	.5
3391	Iron and steel forgings .....	-	2.2	2.9	-	1.9	2.1	-	1.9	2.3	-	.8	1.0	-	.3	.5

See footnotes at end of table.

## 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. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>P</sup>	Dec. 1972	Avg. 1972
<i>Durable Goods--Continued</i>																
34	<b>FABRICATED METAL PRODUCTS</b>	-	2.9	4.5	-	2.3	3.4	-	3.4	4.2	-	1.5	2.1	-	1.0	1.1
341	Metal cans	-	4.0	5.4	-	.5	1.3	-	6.7	6.3	-	.6	1.0	-	4.7	3.9
342	Cutlery, hand tools, and hardware	-	2.7	3.8	-	2.2	3.2	-	2.5	3.3	-	1.4	1.9	-	.3	.5
3421,3,5	Cutlery and hand tools, incl. saws	-	3.0	4.1	-	2.7	3.6	-	2.8	3.4	-	1.6	2.1	-	.4	.4
3429	Hardware, n e c	-	2.5	3.7	-	1.9	3.0	-	2.2	3.3	-	1.3	1.8	-	.2	.6
343	Plumbing and heating, except electric	-	2.3	4.0	-	2.0	3.4	-	2.7	3.8	-	1.4	2.1	-	.4	.7
3431,2	Sanitary ware & plumbers' brass goods	-	2.1	4.1	-	1.9	3.7	-	2.4	4.0	-	1.4	2.4	-	.2	.5
3433	Heating equipment, except electric	-	2.5	3.8	-	2.0	3.0	-	3.0	3.7	-	1.3	1.8	-	.7	1.0
344	Fabricated structural metal products	-	3.0	4.7	-	2.6	3.9	-	3.9	4.6	-	1.7	2.4	-	1.4	1.3
3441	Fabricated structural steel	-	3.2	4.5	-	2.6	3.6	-	3.6	4.7	-	1.6	2.2	-	1.2	1.6
3443	Fabricated plate work (boiler shops)	-	2.3	3.3	-	1.9	2.6	-	3.2	3.2	-	1.4	1.5	-	1.1	.9
3446,9	Architectural and misc. metal work	-	4.2	5.3	-	3.8	4.4	-	4.0	4.9	-	1.8	2.6	-	1.0	1.3
345	Screw machine products, bolts, etc.	-	2.8	3.9	-	2.6	3.5	-	2.7	3.3	-	1.6	2.0	-	.3	.4
3452	Bolts, nuts, rivets, and washers	-	2.1	3.0	-	1.9	2.6	-	2.2	2.6	-	1.1	1.5	-	.3	.3
346	Metal stampings	-	2.8	4.4	-	2.0	2.7	-	2.4	3.9	-	1.1	1.5	-	.6	1.4
348	Misc. fabricated wire products	-	3.5	5.3	-	3.2	4.7	-	4.2	4.6	-	2.6	3.1	-	.4	.6
349	Misc. fabricated metal products	-	2.6	3.6	-	2.2	2.9	-	2.5	3.3	-	1.4	1.8	-	.5	.7
3494,8	Valves, pipe, and pipe fittings	-	2.6	3.4	-	2.3	2.7	-	2.4	3.1	-	1.3	1.7	-	.4	.7
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	4.0	2.4	3.2	3.3	1.9	2.4	2.7	2.0	2.7	1.6	1.0	1.3	.3	.3	.6
351	Engines and turbines	-	1.7	2.3	-	1.0	1.2	-	1.3	2.1	-	.4	.7	-	.1	.5
3511	Steam engines and turbines	-	1.4	1.8	-	.5	.8	-	1.0	2.1	-	.3	.5	(1)	.5	.5
3519	Internal combustion engines, n e c	-	1.9	2.6	-	1.3	1.5	-	1.5	2.1	-	.5	.7	-	.2	.4
352	Farm machinery	-	3.5	4.6	-	2.7	3.4	-	2.3	3.3	-	1.2	1.7	-	.2	.5
353	Construction and related machinery	-	2.4	3.0	-	2.0	2.4	-	1.7	2.4	-	.9	1.2	-	.2	.4
3531,2	Construction and mining machinery	-	2.2	2.6	-	1.8	1.9	-	1.2	1.9	-	.6	.9	-	.1	.4
3533	Oil field machinery	-	2.8	3.7	-	2.4	3.2	-	2.1	3.1	-	1.3	2.0	-	.2	.2
3535,6	Conveyors, hoists, cranes, monorails	-	2.1	3.0	-	1.8	2.5	-	2.3	2.8	-	1.0	1.4	-	.5	.7
354	Metal working machinery	-	2.6	3.2	-	1.9	2.3	-	1.8	2.9	-	1.0	1.2	-	.2	1.0
3541	Machine tools, metal cutting types	-	2.1	2.6	-	1.5	1.6	-	1.8	2.0	-	.8	.9	-	.2	.5
3545	Machine tool accessories	-	2.4	2.7	-	2.0	2.0	-	1.6	2.1	-	.9	1.1	-	.2	.4
3542,8	Misc. metal working machinery	-	2.2	3.2	-	1.9	2.4	-	2.0	2.5	-	1.1	1.3	-	.3	.6
355	Special industry machinery	-	2.5	3.0	-	2.1	2.4	-	1.9	2.5	-	1.1	1.3	-	.2	.5
3551	Food products machinery	-	2.4	2.9	-	1.7	2.3	-	1.9	2.6	-	1.1	1.3	-	.3	.7
3552	Textile machinery	-	3.5	3.8	-	2.7	3.0	-	2.7	3.4	-	1.6	2.0	-	.3	.6
356	General industrial machinery	-	2.3	3.0	-	1.9	2.2	-	2.0	2.6	-	.9	1.2	-	.3	.6
3561	Pumps and compressors	-	2.2	2.7	-	1.8	2.0	-	2.0	2.5	-	.8	1.1	-	.4	.6
3562	Ball and roller bearings	-	1.7	3.0	-	1.2	1.7	-	1.6	2.5	-	.8	1.0	-	.2	.7
3566	Power transmission equipment	-	2.2	3.0	-	1.9	2.5	-	1.5	2.2	-	.8	1.3	(1)	.2	.2
357	Office and computing machines	-	1.8	2.1	-	1.3	1.5	-	1.7	2.3	-	.9	1.0	-	.1	.4
3573	Electronic computing equipment	-	1.6	2.0	-	1.3	1.5	-	1.4	2.0	-	.8	.9	-	.1	.3
358	Service industry machines	-	2.7	3.8	-	1.8	2.8	-	2.7	3.4	-	1.1	1.7	-	.7	.8
3585	Refrigeration machinery	-	2.9	3.9	-	1.7	2.7	-	2.7	3.4	-	1.1	1.6	-	.6	.8
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	-	2.5	3.6	-	1.9	2.6	-	2.6	3.2	-	1.4	1.7	-	.5	.6
361	Electric test & distributing equipment	-	2.4	3.0	-	1.8	2.2	-	2.5	2.7	-	1.2	1.4	-	.5	.4
3611	Electric measuring instruments	-	3.0	3.5	-	2.5	2.8	-	2.7	2.8	-	1.5	1.6	-	.4	.4
3612	Transformers	-	2.4	3.1	-	1.8	2.2	-	3.0	2.9	-	1.1	1.5	-	1.0	.5
3613	Switchgear and switchboard apparatus	-	1.7	2.4	-	1.2	1.8	-	1.8	2.4	-	.9	1.2	-	.3	.4
362	Electrical industrial apparatus	-	2.4	3.2	-	1.8	2.4	-	2.2	2.7	-	1.2	1.4	-	.3	.5
3621	Motors and generators	-	2.6	3.3	-	2.0	2.4	-	2.3	2.8	-	1.1	1.3	-	.3	.6
3622	Industrial controls	-	2.1	3.1	-	1.6	2.3	-	2.0	2.6	-	1.0	1.4	-	.3	.4
363	Household appliances	-	2.3	4.4	-	1.6	3.0	-	3.2	3.9	-	1.3	1.8	-	.9	1.0
3632	Household refrigerators and freezers	-	2.6	4.6	-	1.2	2.0	-	2.2	4.1	-	.6	1.2	-	.6	1.6
3633	Household laundry equipment	-	1.3	2.6	-	.7	1.8	-	1.3	2.3	-	.5	.9	-	.2	.5
3634	Electric housewares and fans	-	2.5	5.5	-	2.1	4.3	-	6.0	5.0	-	2.4	2.8	-	2.6	1.2
364	Electric lighting and wiring equipment	-	2.9	4.5	-	2.4	3.5	-	3.4	4.0	-	1.8	2.2	-	.5	.6
3641	Electric lamps	-	1.9	2.8	-	1.3	1.8	-	1.6	2.5	-	.7	1.1	-	.2	.3
3642	Lighting fixtures	-	3.0	4.7	-	2.3	3.6	-	3.3	4.2	-	1.8	2.1	-	.5	.9
3643,4	Wiring devices	-	3.2	4.9	-	2.8	4.2	-	4.1	4.4	-	2.3	2.6	-	.7	.6
365	Radio and TV receiving equipment	-	3.3	5.8	-	2.4	3.9	-	4.2	5.2	-	2.1	2.5	-	1.0	1.0
366	Communication equipment	-	1.6	2.0	-	1.1	1.3	-	1.5	2.0	-	.8	.9	-	.3	.6
3661	Telephone and telegraph apparatus	-	.9	1.3	-	.6	.8	-	.9	1.4	-	.5	.7	(1)	.3	.3
3662	Radio and TV communication equipment	-	1.9	2.3	-	1.3	1.5	-	1.9	2.3	-	.9	1.0	-	.5	.7
367	Electronic components and accessories	-	3.4	4.4	-	2.7	3.3	-	2.9	3.8	-	1.8	2.2	-	.2	.6
3671-3	Electron tubes	-	2.5	3.6	-	1.1	1.9	-	2.7	3.4	-	1.2	1.4	-	.1	.6
3674,9	Other electronic components	-	3.6	4.5	-	2.9	3.5	-	3.0	3.9	-	2.0	2.4	-	.2	.6
369	Misc. electrical equipment & supplies	-	2.1	3.2	-	1.7	2.6	-	2.3	2.9	-	1.2	1.6	-	.4	.6
3694	Engine electrical equipment	-	1.9	2.7	-	1.4	2.1	-	2.1	2.6	-	1.0	1.3	-	.3	.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**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. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972
<i>Durable Goods--Continued</i>																
37	TRANSPORTATION EQUIPMENT	-	2.1	4.1	-	1.3	2.4	-	2.7	4.1	-	.8	1.4	-	1.2	1.8
371	Motor vehicles and equipment	-	1.3	3.6	-	.8	1.9	-	1.4	3.8	-	.5	.9	-	.3	1.9
3711	Motor vehicles	-	1.1	3.7	-	.6	1.6	-	1.2	4.6	-	.4	.8	-	.2	2.9
3712	Passenger car bodies	-	.6	2.3	-	1 <sup>1</sup>	.9	-	1.1	2.7	-	.2	.5	-	.4	1.3
3713	Truck and bus bodies	-	1.7	5.2	-	1.4	3.6	-	3.1	4.3	-	.9	2.1	-	1.5	1.3
3714	Motor vehicle parts and accessories	-	1.5	3.4	-	.9	1.8	-	1.3	3.1	-	.5	.8	-	.2	1.3
372	Aircraft and parts	-	1.4	2.0	-	.9	1.0	-	1.5	2.1	-	.5	.7	-	.6	.9
3721	Aircraft	-	.9	1.9	-	.6	1.0	-	1.4	1.9	-	.4	.7	-	.7	.9
3722	Aircraft engines and engine parts	-	2.0	1.8	-	1.4	.8	-	1.1	1.6	-	.4	.5	-	.3	.5
3723,9	Other aircraft parts and equipment	-	1.8	2.8	-	1.3	1.8	-	2.0	3.2	-	.7	1.1	-	.7	1.4
373	Ship and boat building and repairing	-	6.3	8.3	-	3.8	5.0	-	5.8	7.9	-	2.0	2.9	-	2.6	3.5
3731	Ship building and repairing	-	6.4	8.1	-	3.3	3.9	-	5.4	7.8	-	1.5	2.1	-	2.8	4.2
374	Railroad equipment	-	3.1	4.9	-	1.0	1.3	-	4.9	6.0	-	.6	.9	-	3.8	4.2
375,9	Other transportation equipment	-	3.5	8.8	-	3.0	7.4	-	9.8	7.8	-	2.8	4.9	-	6.0	1.4
38	INSTRUMENTS AND RELATED PRODUCTS	3.5	2.1	3.2	2.8	1.7	2.6	3.2	2.2	2.8	1.8	1.2	1.6	.6	.4	.5
381	Engineering & scientific instruments	-	1.7	2.4	-	1.3	1.7	-	1.6	2.2	-	.7	1.0	-	.4	.5
382	Mechanical measuring & control devices	-	2.3	3.2	-	1.6	2.4	-	2.4	2.9	-	1.1	1.4	-	.6	.6
3821	Mechanical measuring devices	-	1.7	2.5	-	1.5	2.1	-	2.5	2.7	-	1.2	1.3	-	.7	.6
3822	Automatic temperature controls	-	3.2	4.2	-	1.9	2.9	-	2.3	3.4	-	1.1	1.5	-	.4	.6
383,5	Optical and ophthalmic goods	-	3.1	4.1	-	2.4	3.4	-	2.6	3.5	-	1.6	2.1	-	.3	.6
384	Medical instruments and supplies	-	2.6	3.8	-	2.3	3.4	-	2.7	3.4	-	1.8	2.1	-	.3	.5
386	Photographic equipment and supplies	-	1.2	2.2	-	1.1	2.1	-	1.2	1.6	-	.6	1.0	-	.2	.2
387	Watches, clocks, and watchcases	-	2.9	5.3	-	2.5	3.7	-	3.6	4.4	-	1.8	2.4	-	.9	.8
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.7	2.8	6.1	4.5	2.3	4.9	6.2	7.2	5.7	3.0	2.2	3.0	2.0	4.0	1.6
391	Jewelry, silverware, and plated ware	-	2.3	4.4	-	2.0	3.6	-	3.6	4.2	-	1.8	2.5	-	1.1	1.0
394	Toys and sporting goods	-	3.3	9.5	-	2.6	7.1	-	14.3	8.8	-	3.0	4.3	-	9.6	2.8
3941-3	Games, toys, dolls, & play vehicles	-	2.0	11.7	-	1.5	8.2	-	23.1	10.8	-	3.3	4.7	-	17.4	4.1
3949	Sporting and athletic goods, n e c	-	4.7	6.9	-	3.8	5.7	-	4.9	6.4	-	2.6	3.7	-	1.3	1.3
395	Pens, pencils, office and art supplies	-	1.9	4.1	-	1.6	3.4	-	3.1	3.5	-	1.3	2.1	-	1.0	.6
396	Costume jewelry and notions	-	3.2	5.4	-	2.7	4.4	-	7.1	5.4	-	2.7	3.1	-	3.5	1.6
393,9	Other manufacturing industries	-	2.6	4.9	-	2.2	4.0	-	4.3	4.6	-	1.8	2.5	-	1.7	1.2
<i>Nondurable Goods</i>																
20	FOOD AND KINDRED PRODUCTS	5.2	3.9	6.5	3.6	2.7	4.5	6.6	7.0	6.5	3.0	2.4	3.1	2.9	3.9	2.6
201	Meat products	-	5.0	7.1	-	3.0	4.5	-	8.9	7.2	-	3.0	3.8	-	5.1	2.6
2011	Meat packing plants	-	5.0	7.9	-	1.7	2.1	-	7.2	6.2	-	1.4	1.7	-	5.1	3.9
2015	Poultry dressing plants	-	6.6	11.4	-	5.8	9.6	-	15.1	10.9	-	6.6	8.7	-	7.4	1.2
204	Grain mill products	-	2.9	3.5	-	2.2	2.7	-	2.8	3.7	-	1.4	2.0	-	.9	1.0
2041	Flour and other grain mill products	-	2.6	3.0	-	1.7	2.2	-	2.3	3.3	-	1.1	1.6	-	.7	1.1
2042	Prepared feeds for animals and fowls	-	3.5	4.2	-	3.0	3.5	-	3.5	4.3	-	2.2	2.7	-	.9	.9
205	Bakery products	-	2.7	4.1	-	2.1	3.3	-	4.0	4.2	-	1.9	2.4	-	1.3	1.0
2051	Bread, cake, and related products	-	2.7	3.9	-	2.1	3.2	-	3.7	4.1	-	1.9	2.4	-	1.0	.9
2052	Cookies and crackers	-	2.7	5.1	-	1.9	3.5	-	5.4	4.6	-	1.9	2.3	-	2.7	1.4
207	Confectionery and related products	-	4.5	7.2	-	2.9	4.4	-	7.1	7.5	-	3.3	3.3	-	3.0	3.4
2071	Confectionery products	-	5.3	8.3	-	3.4	4.8	-	8.3	8.9	-	3.8	3.8	-	3.6	4.3
208	Beverages	-	3.4	5.0	-	2.4	3.6	-	5.9	5.2	-	2.3	2.6	-	3.0	1.8
2082	Malt liquors	-	2.8	3.7	-	.9	1.5	-	5.5	4.1	-	.4	.5	-	4.7	3.1
21	TOBACCO MANUFACTURES	2.3	3.9	4.6	2.0	2.4	2.9	5.7	4.3	4.5	1.6	1.5	1.7	3.3	1.8	1.9
211	Cigarettes	-	1.2	1.6	-	.9	1.1	-	.9	1.4	-	.3	.7	-	.1	.1
212	Cigars	-	1.7	4.6	-	1.2	3.3	-	3.1	4.7	-	2.1	3.5	-	.5	.7

See footnotes at end of table.

## 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. p 1973	Dec. 1972	Avg. 1972	Jan. p 1973	Dec. 1972	Avg. 1972	Jan. p 1973	Dec. 1972	Avg. 1972	Jan. p 1973	Dec. 1972	Avg. 1972	Jan. p 1973	Dec. 1972	Avg. 1972
<i>Nondurable Goods--Continued</i>																
22	<b>TEXTILE MILL PRODUCTS</b>	6.8	3.9	6.1	5.7	3.2	5.0	6.3	4.5	5.9	4.5	3.1	4.2	.6	.5	.6
221	Weaving mills, cotton	-	4.5	6.2	-	3.5	4.9	-	4.3	5.9	-	3.3	4.5	-	.1	.2
222	Weaving mills, synthetics	-	4.2	6.2	-	3.3	5.1	-	4.7	6.0	-	3.4	4.5	-	.3	.3
223	Weaving and finishing mills, wool	-	4.0	6.0	-	3.3	4.6	-	3.9	5.6	-	2.3	3.3	-	.7	1.1
224	Narrow fabric mills	-	3.4	5.5	-	2.9	4.3	-	3.6	5.7	-	2.3	3.6	-	.3	1.1
225	Knitting mills	-	3.2	5.6	-	2.5	4.5	-	4.7	5.5	-	2.7	3.8	-	1.1	.9
2251	Women's hosiery, except socks	-	1.7	4.0	-	1.4	3.3	-	3.0	4.3	-	2.2	3.2	-	.1	.5
2252	Hosiery, n e c	-	3.1	5.6	-	2.6	5.0	-	3.9	5.5	-	3.1	4.5	-	.3	.4
2254	Knit underwear mills	-	2.8	5.0	-	1.9	3.6	-	3.6	4.7	-	2.6	3.8	-	.5	.4
226	Textile finishing, except wool	-	3.6	5.2	-	2.9	4.3	-	3.8	4.9	-	2.3	3.3	-	.4	.5
227	Floor covering mills	-	3.1	6.0	-	2.6	5.3	-	4.3	5.7	-	3.1	4.2	-	.3	.4
228	Yarn and thread mills	-	5.5	8.0	-	4.8	6.8	-	5.8	7.7	-	4.5	6.1	-	.1	.4
229	Miscellaneous textile goods	-	3.0	4.8	-	2.4	3.8	-	3.4	4.7	-	1.9	2.8	-	.6	.8
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	6.5	3.0	5.9	4.7	2.0	4.2	6.0	5.1	6.0	3.5	2.3	3.5	1.6	2.1	1.7
231	Men's and boys' suits and coats	-	2.0	3.1	-	1.4	2.1	-	2.7	3.5	-	1.2	1.7	-	1.1	1.2
232	Men's and boys' furnishings	-	3.0	6.1	-	2.3	4.9	-	4.3	6.1	-	2.9	4.6	-	.8	.7
2321	Men's and boys' shirts and nightwear	-	2.4	5.5	-	1.8	4.3	-	3.7	5.6	-	2.6	4.3	-	.6	.6
2327	Men's and boys' separate trousers	-	3.1	5.3	-	2.3	4.5	-	3.4	5.6	-	2.7	4.6	-	.1	.4
2328	Men's and boys' work clothing	-	3.8	6.9	-	3.2	5.9	-	4.7	6.5	-	3.8	5.3	-	.2	.4
234	Women's and children's undergarments	-	2.4	5.6	-	1.4	4.3	-	4.4	5.7	-	2.2	3.8	-	1.7	1.1
2341	Women's and children's underwear	-	2.4	5.9	-	1.5	4.6	-	4.5	6.0	-	2.2	4.2	-	1.6	1.0
2342	Corsets and allied garments	-	2.5	4.9	-	1.3	3.5	-	4.1	4.7	-	1.9	2.9	-	1.7	1.2
26	<b>PAPER AND ALLIED PRODUCTS</b>	3.1	2.2	3.2	2.5	1.7	2.5	3.2	3.1	3.1	1.7	1.3	1.7	.7	1.0	.7
261,2,6	Paper and pulp mills	-	1.8	1.9	-	1.0	1.3	-	1.6	2.0	-	.6	.9	-	.5	.5
263	Paperboard mills	-	1.8	2.2	-	1.5	1.8	-	2.0	2.3	-	.9	1.3	-	.5	.4
264	Misc. converted paper products	-	2.5	3.6	-	1.9	2.9	-	4.0	3.5	-	1.6	2.0	-	1.6	.7
2643	Bags, except textile bags	-	3.4	4.4	-	2.7	3.6	-	4.2	4.4	-	2.1	2.6	-	1.0	.9
265	Paperboard containers and boxes	-	2.6	4.2	-	2.1	3.4	-	3.9	4.2	-	1.9	2.5	-	1.1	.8
2651,2	Folding and setup paperboard boxes	-	2.2	4.7	-	1.9	3.7	-	4.2	4.7	-	2.0	2.7	-	1.4	1.1
2653	Corrugated and solid fiber boxes	-	2.5	3.6	-	2.3	3.1	-	3.2	3.6	-	1.7	2.2	-	.8	.5
27	<b>PRINTING AND PUBLISHING</b>	3.2	2.3	3.2	2.6	1.9	2.6	3.2	3.1	3.2	1.7	1.6	1.8	.8	.9	.7
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	2.4	1.5	2.2	1.8	1.1	1.7	2.2	1.9	2.2	1.0	.7	1.0	.5	.6	.5
281	Industrial chemicals	-	1.1	1.4	-	.8	1.1	-	1.3	1.5	-	.4	.6	-	.3	.3
282	Plastics materials and synthetics	-	1.4	1.9	-	1.0	1.4	-	1.3	1.8	-	.6	.9	-	.2	.4
2821	Plastics materials and resins	-	1.5	1.9	-	1.2	1.6	-	1.4	1.8	-	.7	1.0	-	.1	.3
2823,4	Synthetic fibers	-	1.4	1.9	-	.9	1.4	-	1.3	1.8	-	.6	.9	-	.3	.4
283	Drugs	-	1.4	1.9	-	1.1	1.4	-	1.3	1.9	-	.7	.9	-	.2	.4
2834	Pharmaceutical preparations	-	1.6	2.0	-	1.2	1.5	-	1.4	2.1	-	.7	.9	-	.3	.4
284	Soap, cleaners, and toilet goods	-	2.1	3.3	-	1.3	2.4	-	3.9	3.4	-	1.0	1.5	-	2.1	1.1
2841	Soap and other detergents	-	2.0	2.5	-	.7	1.3	-	3.6	2.5	-	.4	.7	-	2.3	1.2
2844	Toilet preparations	-	2.2	4.3	-	1.5	3.3	-	5.2	4.5	-	1.3	2.0	-	3.1	1.4
285	Paints and allied products	-	1.2	2.5	-	1.1	2.1	-	1.7	2.4	-	.9	1.4	-	.2	.3
286,9	Other chemical products	-	1.9	2.6	-	1.4	1.8	-	2.9	2.7	-	1.1	1.3	-	1.1	.7
29	<b>PETROLEUM AND COAL PRODUCTS</b>	2.1	1.1	1.8	1.5	.9	1.5	1.9	2.5	2.0	.7	.6	.8	.6	1.3	.6
291	Petroleum refining	-	.9	1.3	-	.7	1.0	-	1.9	1.6	-	.4	.5	-	.8	.5
295,9	Other petroleum and coal products	-	1.5	3.9	-	1.3	3.4	-	5.0	3.8	-	1.1	2.0	-	3.2	.9
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C.</b>	5.5	3.3	5.1	4.6	2.8	4.2	4.7	3.8	4.7	2.9	2.1	2.8	.7	.7	.8
301	Tires and inner tubes	-	1.3	1.9	-	.7	1.2	-	1.4	1.7	-	.4	.7	-	.3	.3
302,3,6	Other rubber products	-	3.1	4.7	-	2.7	3.7	-	3.3	4.2	-	1.9	2.5	-	.5	.6
307	Miscellaneous plastics products	-	4.2	6.7	-	3.6	5.6	-	5.0	6.1	-	2.9	3.8	-	1.0	1.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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**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. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972	Jan. 1973 <sup>p</sup>	Dec. 1972	Avg. 1972
	<i>Nondurable Goods--Continued</i>															
31	LEATHER AND LEATHER PRODUCTS . . . . .	6.8	4.3	6.7	5.0	3.2	5.0	7.9	6.1	6.9	4.3	2.9	4.1	2.5	2.2	1.7
311	Leather tanning and finishing . . . . .	-	2.5	4.8	-	1.9	3.6	-	5.0	5.5	-	1.5	2.8	-	2.5	1.9
314	Footwear, except rubber . . . . .	-	4.7	6.7	-	3.4	4.9	-	5.7	6.9	-	3.0	4.3	-	1.8	1.6
	<b>NONMANUFACTURING</b>															
10	METAL MINING . . . . .	2.4	2.6	3.4	1.9	2.1	2.4	2.5	2.6	3.5	1.1	1.2	1.8	.4	.6	.8
101	Iron ores . . . . .	-	1.0	2.9	-	.5	.9	-	2.5	3.3	-	.2	.7	-	1.8	1.8
102	Copper ores . . . . .	-	3.0	3.2	-	2.6	2.5	-	2.2	2.7	-	1.3	1.7	-	( <sup>1</sup> )	.2
11,12	COAL MINING . . . . .	1.9	1.4	1.8	1.4	1.0	1.4	1.6	1.7	1.9	.8	.5	.8	.2	.6	.6
12	Bituminous coal and lignite mining . . . . .	-	1.4	1.7	-	1.0	1.4	-	1.6	1.8	-	.5	.8	-	.5	.5
	<b>COMMUNICATION:</b>															
481	Telephone communication . . . . .	-	.8	1.3	-	-	-	-	.9	1.3	-	.6	.8	-	.1	.1
482	Telegraph communication <sup>2</sup> . . . . .	-	1.5	2.2	-	-	-	-	2.2	2.7	-	1.2	1.7	-	.3	.4

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

<sup>2</sup> 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	4.4	4.3	4.3	4.5	4.5	4.4
1968	4.5	4.6	4.4	4.7	4.6	4.5	4.7	4.6	4.6	4.9	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	5.0	4.8	4.4	4.8	4.7	4.4	4.5
1970	4.2	4.3	4.1	4.0	4.1	4.1	4.1	4.0	3.8	3.6	3.7	3.7
1971	3.7	3.7	3.9	3.9	3.9	3.7	3.7	4.2	3.9	3.8	4.1	3.9
1972	4.4	4.4	4.4	4.3	4.7	4.0	4.3	4.7	4.3	4.6	4.5	4.2
1973	4.8 <sup>P</sup>											
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	3.4	3.3	3.2	3.1	3.2	3.3	3.1	3.2	3.2	3.4	3.4	3.3
1968	3.4	3.4	3.3	3.5	3.5	3.3	3.5	3.4	3.6	3.6	3.6	3.7
1969	3.8	3.8	3.9	3.8	3.7	3.8	3.7	3.4	3.7	3.6	3.5	3.5
1970	3.3	3.1	3.0	2.8	2.7	2.8	2.8	2.8	2.6	2.4	2.4	2.4
1971	2.3	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.6	2.5	2.8	2.7
1972	3.0	3.0	3.1	3.2	3.5	2.9	3.2	3.4	3.2	3.5	3.7	3.4
1973	4.0 <sup>P</sup>											
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	4.7	4.8	5.1	4.6	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968	4.6	4.7	4.6	4.4	4.6	4.5	4.6	4.8	4.7	4.7	4.6	4.3
1969	4.7	4.8	4.9	4.8	5.0	5.0	4.8	5.0	4.9	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.1	5.0	4.8	4.8	4.5	4.5	4.9	4.8	4.6
1971	4.4	4.2	4.1	4.2	4.0	4.2	4.4	4.4	4.0	4.0	4.1	4.3
1972	4.2	4.2	4.3	4.0	4.2	4.6	4.4	4.3	4.0	4.0	4.1	4.0
1973	4.5 <sup>P</sup>											
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	1.6	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	2.4	2.6	2.5	2.6	2.6	2.5
1969	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.6	2.6
1970	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.7	1.9	1.8	1.9	1.8	1.7	1.9	1.9
1972	2.0	2.1	2.2	2.1	2.3	2.3	2.2	2.4	2.1	2.3	2.4	2.6
1973	2.7 <sup>P</sup>											
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	1.4	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.1	1.3	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	1.7	1.8	1.9	1.9	1.9	1.6	1.8	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.9	1.6	1.5	1.4	1.4
1972	1.3	1.2	1.2	1.1	1.0	1.4	1.2	1.0	1.0	.9	.9	1.0
1973	1.0 <sup>P</sup>											

<sup>P</sup>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)				Separation rates					
	Accession rates				Total		Quits		Layoffs	
	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972
<b>ALABAMA:</b>										
Birmingham .....	2.0	3.5	1.3	2.1	3.4	2.8	1.1	1.5	1.8	0.8
Mobile <sup>1</sup> .....	4.5	4.2	3.9	2.5	4.0	5.5	1.5	2.3	1.9	2.6
<b>ALASKA</b> .....	5.3	7.9	4.7	6.6	18.4	19.6	6.3	8.3	10.5	7.6
<b>ARIZONA</b> .....	4.6	5.2	3.7	4.4	4.7	4.3	2.6	2.5	1.1	.7
Phoenix .....	4.4	5.1	3.5	4.3	4.8	4.3	2.5	2.5	1.1	.7
<b>ARKANSAS</b> .....	4.7	6.4	3.9	5.4	5.7	5.8	3.5	4.1	1.6	.9
Fort Smith .....	3.1	6.1	2.9	4.9	6.4	5.6	2.5	4.4	3.3	.3
Little Rock-North Little Rock .....	4.1	5.9	3.4	5.5	4.7	5.3	3.2	4.1	.6	.3
Pine Bluff .....	4.4	5.1	3.9	4.6	3.3	4.7	2.7	3.4	( <sup>2</sup> )	.2
<b>COLORADO</b> .....	3.7	4.4	2.7	3.9	5.3	4.4	2.5	2.8	2.0	.8
Denver .....	3.5	4.5	2.7	4.0	5.2	4.6	2.7	3.0	1.7	.7
<b>CONNECTICUT</b> .....	2.3	2.8	1.8	2.0	2.3	2.4	1.1	1.2	.6	.5
Hartford .....	2.3	2.5	1.9	1.9	1.9	1.7	.7	.8	.6	.4
<b>DELAWARE</b> <sup>1</sup> .....	2.3	2.7	1.1	1.7	2.2	2.4	.9	1.0	.8	.5
Wilmington <sup>1</sup> .....	1.9	2.5	1.1	1.6	2.1	2.4	.7	1.0	.4	.4
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA .....	(*)	2.9	(*)	2.7	(*)	2.9	(*)	1.9	(*)	.5
<b>FLORIDA</b> .....	5.7	7.9	4.9	6.4	5.8	6.0	4.2	4.4	.7	.7
Fort Lauderdale-Hollywood .....	6.5	7.7	5.8	7.5	6.0	7.1	4.4	5.3	.2	.7
Jacksonville .....	4.2	5.4	3.9	5.1	5.4	6.8	3.3	3.1	1.2	2.3
Miami .....	3.8	6.5	3.6	5.9	4.9	4.8	3.6	3.5	.5	.6
Orlando .....	(*)	8.4	(*)	6.9	(*)	6.3	(*)	4.7	(*)	.1
Pensacola .....	.7	1.3	.6	1.2	2.0	1.8	.8	1.3	.9	.3
Tampa-St. Petersburg .....	5.5	8.3	5.1	7.3	7.2	7.7	4.9	5.9	1.5	.8
West Palm Beach .....	4.4	5.1	3.0	3.7	3.1	3.3	2.1	2.3	.1	( <sup>2</sup> )
<b>GEORGIA</b> .....	3.7	5.8	3.1	5.0	4.4	5.6	3.0	4.2	.5	.4
Atlanta <sup>3</sup> .....	2.6	3.9	2.2	3.2	3.4	4.8	1.8	3.0	.8	1.1
<b>HAWAII</b> <sup>4</sup> .....	1.8	1.6	1.1	1.1	1.5	2.1	.8	1.3	.3	.3
<b>IDAHO</b> <sup>5</sup> .....	3.1	3.3	2.6	3.1	5.8	4.6	2.2	2.1	2.4	1.7
<b>ILLINOIS:</b>										
Chicago .....	(*)	3.2	(*)	2.7	(*)	3.2	(*)	1.7	(*)	.5
<b>INDIANA</b> <sup>1</sup> .....	2.1	2.7	1.6	2.1	3.2	2.9	1.0	1.3	1.5	.8
Indianapolis <sup>6</sup> .....	1.6	2.2	1.3	1.7	1.9	2.1	.8	1.1	.3	.3
<b>IOWA</b> .....	2.3	3.1	1.7	2.5	3.6	3.0	1.3	1.6	1.7	.8
Cedar Rapids .....	2.3	3.2	1.7	2.5	1.5	2.1	.6	.8	.5	1.0
Des Moines .....	2.3	2.4	1.9	1.8	2.4	2.8	1.6	1.7	.1	.4
<b>KANSAS</b> .....	3.1	4.3	2.4	3.2	2.9	3.2	1.6	1.9	.8	.6
Topeka .....	3.6	4.1	2.9	1.6	1.7	2.5	.6	.8	.9	.6
Wichita .....	1.8	4.1	1.6	3.2	1.9	2.2	1.1	1.5	.2	( <sup>2</sup> )
<b>KENTUCKY</b> .....	2.7	3.6	1.9	2.5	2.9	3.0	1.3	1.5	1.0	.9
Louisville .....	1.8	2.5	1.2	1.7	2.3	2.1	.8	.9	.7	.4
<b>LOUISIANA:</b>										
New Orleans .....	2.3	2.8	1.9	2.1	5.3	3.7	1.4	1.7	3.0	1.0
<b>MAINE</b> .....	4.2	5.8	3.1	4.1	5.9	6.1	2.5	3.0	2.4	2.1
Portland .....	3.0	3.9	2.6	3.3	3.2	3.5	2.2	2.4	.5	.4
<b>MARYLAND</b> .....	2.6	3.0	1.8	2.4	2.9	3.4	1.3	1.5	1.0	1.2
Baltimore .....	2.4	2.9	1.5	2.1	2.6	3.2	1.1	1.3	.9	1.2
<b>MASSACHUSETTS</b> .....	2.6	3.5	2.0	2.9	3.6	3.5	1.7	1.9	1.2	.8
Boston .....	2.3	3.3	1.8	2.7	3.2	3.2	1.6	1.7	.9	.9
<b>MICHIGAN</b> .....	(*)	3.0	(*)	2.1	(*)	2.6	(*)	1.1	(*)	.5
Detroit .....	2.2	3.2	1.5	2.2	2.3	2.6	.9	1.2	.5	.4

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)				Separation rates					
	Accession rates		New hires		Total		Quits		Layoffs	
	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972
MINNESOTA	2.7	3.1	1.9	2.4	3.7	3.3	1.4	1.6	1.6	1.0
Minneapolis-St. Paul	2.2	2.7	1.7	2.2	3.1	2.5	1.2	1.3	1.1	.6
MISSISSIPPI:										
Jackson	2.6	4.7	2.4	4.4	3.8	5.3	2.5	2.9	.5	1.1
MISSOURI	2.5	3.1	1.7	2.4	3.0	3.3	1.3	1.6	1.1	1.0
Kansas City	2.4	2.8	1.7	2.2	2.8	3.0	1.4	1.6	.8	.8
St. Louis	1.5	1.9	1.0	1.4	2.0	2.4	.6	.8	.9	1.0
MONTANA	2.5	2.2	1.8	1.7	4.1	3.6	1.5	1.7	1.9	1.7
NEBRASKA	3.5	4.6	2.7	3.7	3.9	3.9	2.0	2.3	1.0	.7
NEVADA	3.9	5.5	3.0	4.8	5.4	4.6	3.1	2.7	.7	1.1
NEW HAMPSHIRE	(*)	5.8	(*)	5.0	(*)	5.0	(*)	3.5	(*)	.7
NEW JERSEY:										
Camden <sup>7</sup>	2.5	3.6	2.0	3.0	3.6	3.6	1.4	1.6	1.3	1.2
Jersey City	2.7	2.4	1.4	1.8	4.4	3.2	.9	1.0	2.8	1.5
Newark	2.1	3.1	1.7	2.5	2.9	2.9	1.1	1.3	1.0	.8
Paterson-Clifton-Passaic	2.3	3.0	1.8	2.6	3.9	3.5	1.4	1.6	1.6	1.0
Perth Amboy	2.3	3.1	1.8	2.6	2.9	3.1	1.3	1.4	.7	.5
Trenton	2.0	2.8	1.5	2.6	2.9	3.0	1.1	1.6	1.1	.5
NEW YORK	(*)	3.1	(*)	2.3	(*)	3.4	(*)	1.4	(*)	1.4
Albany-Schenectady-Troy	(*)	1.9	(*)	1.3	(*)	2.2	(*)	.8	(*)	.5
Binghamton	(*)	1.8	(*)	1.5	(*)	1.8	(*)	1.2	(*)	.1
Buffalo	(*)	2.0	(*)	1.1	(*)	2.4	(*)	.5	(*)	1.2
Elmira	(*)	3.1	(*)	2.9	(*)	2.7	(*)	1.5	(*)	.5
Monroe County <sup>8</sup>	(*)	1.8	(*)	1.6	(*)	2.1	(*)	1.3	(*)	.3
Nassau and Suffolk Counties <sup>9</sup>	(*)	4.7	(*)	3.9	(*)	4.0	(*)	2.3	(*)	.7
New York SMSA	(*)	3.7	(*)	2.7	(*)	4.0	(*)	1.5	(*)	1.8
New York City <sup>9</sup>	(*)	3.6	(*)	2.6	(*)	4.1	(*)	1.4	(*)	2.1
Rochester	(*)	1.9	(*)	1.7	(*)	2.7	(*)	1.4	(*)	.8
Syracuse	(*)	3.3	(*)	2.7	(*)	3.3	(*)	1.4	(*)	1.1
Utica-Rome	(*)	2.6	(*)	1.6	(*)	2.7	(*)	.9	(*)	1.3
Westchester County <sup>9</sup>	(*)	2.7	(*)	1.7	(*)	2.9	(*)	1.2	(*)	1.0
NORTH CAROLINA	3.8	5.2	3.1	4.5	4.2	5.1	3.0	3.6	.3	.5
Charlotte	3.6	3.9	3.4	3.7	4.0	3.2	3.2	2.5	.1	( <sup>2</sup> )
Greensboro-Winston-Salem-High Point	3.5	4.7	2.7	4.3	3.9	4.5	2.4	3.1	.3	.5
NORTH DAKOTA	3.7	4.4	2.8	3.2	6.4	5.9	1.7	1.6	3.9	3.4
Fargo-Moorhead	2.3	3.0	1.7	2.1	9.7	4.0	1.7	1.8	7.3	1.1
OHIO	2.0	2.5	1.3	1.7	2.1	2.5	.8	1.0	.6	.8
Akron	1.2	1.4	.7	.9	1.3	1.2	.7	.5	.3	.2
Canton	2.2	3.2	1.0	1.4	2.7	2.4	.6	.9	1.3	.6
Cincinnati	1.8	2.2	1.1	1.6	2.1	2.6	.9	1.1	.6	.8
Cleveland	2.1	2.7	1.6	2.1	2.3	2.5	1.0	1.1	.4	.6
Columbus	2.1	3.1	1.6	2.1	2.1	2.7	1.0	1.3	.4	.6
Dayton	1.9	1.9	1.1	1.5	1.9	1.9	.7	.7	.6	.4
Toledo	2.5	2.9	1.4	1.9	1.9	2.7	.6	.9	.3	.6
Youngstown-Warren	1.9	2.1	.9	.7	1.5	1.8	.4	.4	.5	.7
OKLAHOMA	4.3	4.9	3.6	4.4	4.6	4.6	2.8	3.3	1.0	.5
Oklahoma City	5.4	5.9	4.3	5.2	5.2	5.0	3.4	3.6	1.1	.6
Tulsa <sup>10</sup>	4.1	5.1	3.8	4.6	4.6	4.0	2.8	2.7	.6	.4
OREGON <sup>1</sup>	3.3	3.7	2.8	3.3	4.7	4.5	2.0	2.1	1.9	1.5
Portland <sup>1</sup>	3.2	4.4	2.5	3.5	3.4	4.4	1.5	2.0	1.1	1.5
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	1.7	2.5	1.3	1.9	2.2	2.2	.9	1.3	.8	.4
Altoona	2.0	4.3	1.6	3.3	3.4	3.6	2.1	2.1	1.0	1.0
Erie	2.4	3.4	1.5	2.5	6.3	3.4	1.0	1.4	4.5	1.1
Harrisburg	2.9	3.1	2.1	2.6	3.0	3.0	1.6	1.9	.4	.5
Johnstown	1.9	2.5	.1	.9	4.0	3.2	.4	.8	3.2	1.9
Lancaster	2.9	3.9	2.3	3.4	2.6	3.0	1.7	2.2	.3	.3

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)				Separation rates					
	Accession rates		New hires		Total		Quits		Layoffs	
	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972
<b>PENNSYLVANIA—Continued</b>										
Philadelphia SMSA .....	2.1	2.9	1.5	2.1	3.0	3.0	1.1	1.2	1.2	1.0
Pittsburgh .....	1.8	1.7	.9	.9	3.2	2.0	.4	.4	2.3	1.0
Reading .....	2.8	3.5	2.2	3.1	3.3	3.9	2.0	2.3	.7	.9
Scranton .....	3.9	3.6	1.5	1.9	3.3	5.1	1.2	1.6	1.6	3.1
Wilkes-Barre—Hazleton .....	3.3	3.5	1.6	2.2	3.6	3.7	1.6	1.8	1.5	1.2
York .....	2.6	3.8	2.2	3.4	5.1	5.5	2.1	3.2	2.3	1.5
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	3.8	6.4	3.1	5.0	6.3	5.7	3.1	4.0	2.2	.9
	3.7	6.6	3.1	5.9	6.5	5.9	3.1	4.3	2.5	.8
<b>SOUTH CAROLINA:</b>										
Greenville .....	4.9	7.5	4.4	6.7	5.3	6.5	4.3	5.4	.2	.1
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	4.4	4.6	2.2	3.4	6.6	4.1	2.2	2.0	4.0	1.4
	8.0	5.6	1.8	2.6	10.2	5.3	1.5	1.1	8.4	3.8
<b>TENNESSEE:</b>										
Memphis .....	2.7	3.7	2.3	3.0	5.1	4.1	2.0	2.4	2.2	.7
<b>TEXAS:</b>										
Dallas .....	2.9	4.0	2.5	3.7	3.1	3.8	2.1	2.6	.3	.5
Fort Worth .....	2.9	4.4	2.5	4.0	3.8	5.3	2.4	3.1	.6	1.1
Houston .....	2.6	3.6	2.3	3.3	3.1	3.2	1.9	2.2	.4	.3
San Antonio .....	3.3	4.4	3.0	4.1	4.5	4.1	2.8	2.9	.9	.3
<b>UTAH<sup>5</sup></b>										
Salt Lake City <sup>5</sup> .....	3.5	5.5	2.6	4.4	5.9	4.6	2.1	2.9	3.1	1.0
	3.5	5.5	3.0	4.5	5.0	3.7	2.1	2.8	2.2	.2
<b>VERMONT</b>										
Burlington .....	3.5	4.1	2.3	3.1	5.2	4.2	1.5	2.4	3.0	1.1
Springfield .....	.9	1.4	.5	.9	2.0	2.3	.9	1.0	.6	.7
	2.4	3.7	1.8	2.2	2.2	2.0	1.2	1.2	.5	.3
<b>VIRGINIA</b>										
Richmond .....	2.8	4.3	2.2	3.4	3.4	3.7	2.1	2.5	.6	.5
	2.5	3.4	1.8	3.1	2.6	2.8	1.5	1.6	.5	.5
<b>WASHINGTON:</b>										
Seattle—Everett <sup>11</sup> .....	(*)	1.7	(*)	.9	(*)	1.9	(*)	.5	(*)	1.1
<b>WEST VIRGINIA:</b>										
Charleston .....	.9	.8	.4	.5	1.0	.7	.2	.3	.1	.1
<b>WISCONSIN</b>										
Milwaukee .....	2.4	2.7	1.8	2.1	2.9	3.3	1.1	1.3	1.1	1.3
	2.6	2.9	2.0	2.3	2.5	2.8	1.2	1.3	.5	.5
<b>WYOMING</b>										
	5.1	4.9	4.3	4.1	5.9	7.3	3.0	3.6	1.9	2.9

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

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

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

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

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

<sup>6</sup> Excludes canning and preserving, and newspapers.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>8</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

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

<sup>10</sup> Excludes new-hire rate for transportation equipment.

<sup>11</sup> Excludes canning and preserving, printing and publishing.

<sup>a</sup> Not available.

<sup>P</sup> 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	92	75	76	132
1971 .....	81	80	83	93	94	89	90	106	98	90	79	78	88
1972 .....	90	97	110	124	127	124	134	159	155	142	133	132	127
1973 .....	152 <sup>P</sup>												
Job vacancy rates <sup>1</sup>													
1969 .....	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970 .....	0.9	0.9	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971 .....	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.4	.4	.5
1972 .....	.5	.5	.6	.7	.7	.6	.7	.8	.8	.7	.7	.7	.7
1973 .....	.8 <sup>P</sup>												
Number of long-term job vacancies <sup>2</sup> (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	25	26	28	28	28	25	26	27
1972 .....	25	27	30	33	33	32	34	39	42	41	42	43	35
1973 .....	44 <sup>P</sup>												
Long-term job vacancy rates <sup>2</sup>													
1969 .....	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.6
1970 .....	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3
1971 .....	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1
1972 .....	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....	.2 <sup>P</sup>												

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

<sup>2</sup> 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.

<sup>P</sup>preliminary.

E-2: Number and rate of job vacancies in manufacturing, April 1969 to date, seasonally adjusted

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)												
1969 .....	-	-	-	277	269	248	250	255	255	247	245	222
1970 .....	204	185	168	149	140	126	122	112	104	94	88	91
1971 .....	89	87	84	88	87	91	87	86	<sup>C</sup> 86	92	92	93
1972 .....	98	106	111	117	118	127	130	130	137	145	155	158
1973 .....	167 <sup>P</sup>											
Job vacancy rates <sup>1</sup>												
1969 .....	-	-	-	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1
1970 .....	1.0	1.0	.8	.7	<sup>C</sup> .7	.6	.6	.6	.5	.5	.5	.5
1971 .....	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1972 .....	.5	.6	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8
1973 .....	.9 <sup>P</sup>											
Number of long-term job vacancies <sup>2</sup> (In thousands)												
1969 .....	-	-	-	134	128	118	112	112	117	108	104	92
1970 .....	83	73	68	59	54	48	45	40	35	32	30	30
1971 .....	30	28	27	27	26	27	26	26	26	27	25	26
1972 .....	27	29	30	32	33	34	35	36	39	40	43	43
1973 .....	44 <sup>P</sup>											
Long-term job vacancy rates <sup>2</sup>												
1969 .....	-	-	-	0.7	0.6	0.6	<sup>C</sup> 0.5	0.5	0.6	0.5	0.5	0.5
1970 .....	0.4	0.4	<sup>C</sup> 0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.2	.2	<sup>C</sup> .1	.1	.1	.1	.1	.1	.1	<sup>C</sup> .1	.1	.1
1972 .....	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....	.2 <sup>P</sup>											

<sup>1</sup> See footnote 1, table E-1.

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

<sup>P</sup>preliminary.

<sup>C</sup>corrected.

**ESTABLISHMENT DATA  
JOB VACANCY**

**E-3: Job vacancy rates in manufacturing, by industry**

Industry division and group	1973	1972												
	Jan. p	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Ann. avg.
<b>Job vacancy rates<sup>1</sup></b>														
Manufacturing . . . . .	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.7	0.7	0.6	0.5	0.5	0.7
Durable goods . . . . .	.8	.7	.7	.7	.8	.8	.7	.6	.6	.6	.5	.5	.5	.6
Nondurable goods . . . . .	.8	.7	.7	.7	.8	.9	.7	.7	.7	.7	.6	.6	.5	.7
Selected durable goods industries:														
Primary metal industries . . . . .	.4	.3	.3	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	.3
Machinery, except electrical . . . . .	1.0	.8	.8	.9	.9	.8	.8	.7	.7	.7	.6	.5	.5	.7
Electrical equipment and supplies . . . . .	.9	1.0	.9	.9	1.0	.9	1.0	.8	.8	.8	.7	.7	.6	.8
Transportation equipment . . . . .	.8	.5	.6	.7	.7	.7	.6	.6	.6	.7	.5	.5	.4	.6
Instruments and related products . . . . .	1.1	1.1	1.0	1.0	1.3	1.6	1.3	1.4	1.1	1.1	.9	.7	.7	1.1
Selected nondurable goods industries:														
Textile mill products . . . . .	1.3	1.2	1.2	1.4	1.5	1.6	1.2	1.1	1.2	1.2	1.1	.9	.8	1.2
Apparel and other textile products . . . . .	1.7	1.4	1.4	1.4	1.5	1.6	1.5	1.4	1.4	1.3	1.4	1.3	1.2	1.4
Printing and publishing . . . . .	.4	.4	.4	.4	.5	.5	.4	.3	.4	.4	.4	.3	.3	.4
Chemicals and allied products . . . . .	.5	.5	.5	.5	.6	.6	.5	.5	.5	.6	.5	.4	.4	.5
<b>Long-term job vacancy rates<sup>2</sup></b>														
Manufacturing . . . . .	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Durable goods . . . . .	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.1	.2
Nondurable goods . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Selected durable goods industries:														
Primary metal industries . . . . .	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(*)	.1
Machinery, except electrical . . . . .	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2
Electrical equipment and supplies . . . . .	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2
Transportation equipment . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.2
Instruments and related products . . . . .	.3	.3	.3	.3	.4	.4	.4	.3	.3	.3	.2	.2	.1	.3
Selected nondurable goods industries:														
Textile mill products . . . . .	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.3
Apparel and other textile products . . . . .	.7	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.5	.6
Printing and publishing . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products . . . . .	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2
<b>Long-term job vacancies as a percent of job vacancies<sup>3</sup></b>														
Manufacturing . . . . .	29	32	32	29	27	25	25	26	26	26	27	28	28	28
Durable goods . . . . .	27	30	30	27	26	24	24	23	24	23	24	24	23	25
Nondurable goods . . . . .	32	35	35	32	29	26	27	30	29	30	31	33	33	31
Selected durable goods industries:														
Primary metal industries . . . . .	35	33	35	27	27	17	23	23	24	22	27	27	23	26
Machinery, except electrical . . . . .	25	29	31	28	27	28	25	28	24	25	23	23	23	26
Electrical equipment and supplies . . . . .	23	26	24	25	23	22	21	19	20	21	23	23	21	22
Transportation equipment . . . . .	25	34	30	25	27	26	28	27	23	25	24	27	26	27
Instruments and related products . . . . .	24	26	31	27	31	27	32	24	30	22	19	25	19	26
Selected nondurable goods industries:														
Textile mill products . . . . .	23	28	27	26	23	22	20	23	25	23	20	23	20	23
Apparel and other textile products . . . . .	40	47	46	44	39	41	37	41	41	44	44	46	46	43
Printing and publishing . . . . .	22	22	24	23	18	18	20	21	20	20	21	22	24	21
Chemicals and allied products . . . . .	28	37	33	33	37	32	35	36	35	34	29	30	27	33

<sup>1</sup> See footnote 1, table E-1.

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

<sup>3</sup> Percentages are computed using unrounded rates.

\* Less than 0.05

p=preliminary.

**E-4: Percent distribution of job vacancies in manufacturing, by industry**

Industry division and group	1973	1972												
	Jan. p	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Ann. avg.
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	100.0
Durable goods . . . . .	58.9	58.8	57.8	57.3	56.7	54.3	55.8	55.5	54.3	56.0	53.3	54.6	54.1	55.7
Primary metal industries . . . . .	3.7	3.2	3.0	3.1	3.1	3.3	2.6	2.8	2.7	2.9	2.7	2.7	2.5	2.9
Machinery, except electrical . . . . .	13.4	12.5	11.8	11.7	10.7	9.8	11.0	10.5	9.5	10.0	9.3	9.7	10.3	10.6
Electrical equipment and supplies . . . . .	11.4	15.0	13.6	12.7	11.9	11.0	13.1	11.9	11.2	12.1	11.5	12.6	11.8	12.4
Transportation equipment . . . . .	9.8	7.5	8.3	8.6	8.2	7.5	7.4	8.5	8.3	9.5	8.6	9.2	8.6	8.4
Instruments and related products . . . . .	3.3	4.0	3.7	3.4	4.0	4.6	4.2	5.1	3.9	4.1	3.8	3.3	3.5	4.0
Other durable goods industries . . . . .	17.3	16.7	17.6	17.8	18.7	18.1	17.3	16.7	18.6	17.4	17.4	17.1	17.5	17.6
Nondurable goods . . . . .	41.1	41.2	42.2	42.7	43.3	45.7	44.2	44.5	45.7	44.0	46.7	45.4	45.9	44.3
Textile mill products . . . . .	8.5	9.3	9.7	9.8	9.9	9.9	9.1	8.8	9.3	9.7	10.0	9.6	8.9	9.5
Apparel and other textile products . . . . .	14.8	14.2	14.2	13.7	12.9	13.6	14.4	15.0	15.4	14.7	17.0	17.5	17.7	15.0
Printing and publishing . . . . .	2.7	3.1	3.1	3.1	3.5	3.1	3.6	3.1	3.5	3.6	3.5	3.3	4.1	3.4
Chemicals and allied products . . . . .	3.5	4.1	4.1	3.4	3.7	3.9	3.9	4.4	3.9	4.5	4.7	4.1	4.1	4.1
Other nondurable goods industries . . . . .	11.5	10.5	11.2	12.6	13.3	15.3	13.3	13.3	13.8	11.6	11.5	11.1	11.3	12.4

p=preliminary.

# ESTABLISHMENT DATA NATIONAL AND AREA JOB VACANCY

### E-5: Job vacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total <sup>1</sup>		Long-term <sup>2</sup>			Total <sup>1</sup>		Long-term <sup>2</sup>	
	Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972		Dec. 1972 <sup>P</sup>	Nov. 1972	Dec. 1972 <sup>P</sup>	Nov. 1972
<b>Manufacturing</b>					<b>Nonmanufacturing<sup>4</sup></b>				
United States <sup>3</sup> .....	0.7	0.7	0.2	0.2	Mining:				
Albany-Schenectady-					New Orleans, La .....	*	*	*	*
Troy, N.Y. ....	.3	.2	.1	.1	Phoenix, Ariz .....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Atlanta, Ga. ....	.6	.5	.3	.2	Portland, Ore .....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Baltimore, Md. ....	.6	.5	.3	.2	Construction:				
Boston, Mass. ....	.8	.8	.4	.3	Oklahoma City, Okla .....	1.0	1.1	.5	.5
Buffalo, N.Y. ....	.3	.3	.1	.1	Portland, Ore. ....	*	.1	*	*
Cedar Rapids, Iowa .....	1.1	.8	.5	.6	Transportation and Public				
Dallas, Tex. ....	.8	.9	.2	.2	Utilities:				
Denver, Colo. ....	.3	.5	.1	.1	Boston, Mass. ....	.2	.4	.1	.2
Des Moines, Iowa .....	.3	.4	.1	.1	Minneapolis-St. Paul, Minn. <sup>5</sup> .....	.6	1.1	.3	.7
Detroit, Mich. ....	.5	.3	.1	.1	Oklahoma City, Okla. <sup>6</sup> .....	.1	.3	.1	.1
Fort Worth, Tex. ....	.6	.5	.2	.2	St. Louis, Mo. <sup>6</sup> .....	.1	.1	*	*
Greensboro-Winston-Salem-					Wholesale and Retail				
Highpoint, N.C. ....	1.3	1.5	.2	.3	Trade:				
Greenville, S.C. ....	1.3	1.4	.4	.3	Boston, Mass. ....	.2	.4	.1	.1
Houston, Tex. ....	.9	1.1	.4	.6	Hartford, Conn. ....	.6	.6	.1	.1
Jersey City, N.J. ....	.2	.3	*	*	Minneapolis-St. Paul, Minn. ....	.6	.6	.1	.2
Kansas City, Mo. ....	.3	.3	.1	.1	Phoenix, Ariz. ....	.6	.6	.1	.1
Little Rock-North Little Rock, Ark. ....	.5	.3	.1	.1	Portland, Ore. ....	.5	.4	*	.1
Memphis, Tenn. ....	.3	.2	*	.1	Finance, Insurance and				
Miami, Fla. ....	1.5	1.6	.5	.6	Real Estate:				
Milwaukee, Wisc. ....	.7	.6	.3	.2	Boston, Mass. ....	1.5	1.4	.4	.2
Minneapolis-St. Paul, Minn. ....	.7	.7	.1	.1	Hartford, Conn. ....	2.9	2.4	1.2	1.1
Newark, N.J. ....	.7	.7	.2	.2	Minneapolis-St. Paul, Minn. ....	1.1	.8	.3	.2
New Orleans, La. ....	.2	.5	.1	.1	Phoenix, Ariz. ....	1.0	.7	.1	.1
New York, N.Y. ....	.6	.5	.2	.2	Portland, Ore. ....	.5	.6	.1	.1
Oklahoma City, Okla. ....	.6	.9	.1	.1	St. Louis, Mo. ....	.9	.8	.2	.2
Paterson-Clifton-					Salt Lake City, Utah .....	.5	.7	.1	.3
Passaic, N.J. ....	.5	.5	.1	.1	Service:				
Perth Amboy, N.J. ....	1.2	.9	.4	.3	Boston, Mass. ....	.9	1.2	.6	.5
Philadelphia, Pa. ....	.6	.7	.2	.2	Phoenix, Ariz. ....	1.3	1.2	.2	.3
Phoenix, Ariz. ....	1.2	1.3	.4	.3	Portland, Ore. ....	.5	.5	.2	.2
Portland-South					St. Louis, Mo. ....	1.0	.9	.3	.3
Portland, Maine .....	.5	.7	.1	.2	Government:				
Portland, Ore. ....	.7	.7	.1	.1	Atlanta, Ga. ....	1.8	1.6	.9	.9
Providence-Pawtucket-					Boston, Mass. ....	.7	.7	.4	.4
Warwick, R.I. ....	1.9	1.6	.9	.6	Minneapolis-St. Paul, Minn. ....	1.0	.8	.3	.2
Richmond, Va. ....	1.0	1.2	.4	.5	Phoenix, Ariz. ....	1.2	1.2	.3	.2
St. Louis, Mo. ....	.3	.3	.2	.1	Portland, Ore. <sup>7</sup> .....	.9	.7	.3	.3
Salt Lake City, Utah .....	.8	1.1	*	.3	St. Louis, Mo. ....	.5	.6	.3	.2
San Antonio, Tex. ....	.8	.6	.2	.2	All Nonagricultural Industries				
Seattle, Wash. ....	.6	.7	.2	.2	Boston, Mass. ....	.6	.8	.3	.3
Sioux Falls, S.D. ....	.6	.6	*	*	Phoenix, Ariz. ....	.9	.9	.2	.2
Syracuse, N.Y. ....	.7	1.0	.2	.2	Portland, Ore. ....	.5	.5	.1	.1
Tampa-St. Petersburg, Fla. ....	1.8	1.8	.9	1.0	Salt Lake City, Utah .....	.6	.8	.1	.2
Wichita, Kans. ....	1.4	.8	.2	.1					

<sup>1</sup> See footnote 1, table E-1.

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

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

<sup>4</sup> Additional industry data, by area, will be published when available.

<sup>5</sup> Combined with services.

<sup>6</sup> Excludes railroads.

<sup>7</sup> 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. 1973	Jan. 1973	Feb. 1972	Change from <sup>1</sup>		Feb. 1973	Jan. 1973	Feb. 1972
				Jan. 1973	Feb. 1972			
TOTAL <sup>2,3</sup>	2,063.6	2,170.4	2,551.3	-106.8	-487.6	3.7	3.8	4.8
SEASONALLY ADJUSTED	1,586.3	*1,619.8	*1,959.3	-33.5	-373.0	2.8	2.9	3.7
Alabama	20.0	23.9	28.3	-4.0	-8.3	2.6	3.1	4.0
Alaska	9.3	7.1	8.7	2.1	.5	14.9	11.4	15.4
Arizona	12.2	11.1	13.6	1.1	-1.4	2.6	2.4	3.4
Arkansas	16.4	21.0	20.0	-4.6	-3.5	3.7	4.8	5.0
California*	295.4	260.3	300.4	35.1	-4.9	5.5	4.9	5.8
Colorado	10.6	12.0	10.6	-1.4	-	2.0	2.2	2.0
Connecticut	44.6	48.2	70.1	-3.6	-25.5	4.0	4.3	6.9
Delaware	4.6	4.9	9.3	-.3	-4.7	2.5	2.6	5.5
District of Columbia	7.2	6.7	7.2	.4	-	2.0	1.9	2.1
Florida	28.5	29.5	35.2	-1.0	-6.7	1.5	1.6	2.3
Georgia	16.1	17.5	21.1	-1.4	-5.0	1.4	1.5	1.9
Hawaii	10.0	11.5	13.6	-1.6	-3.6	3.7	4.2	5.1
Idaho	8.4	9.7	10.5	-1.3	-2.2	4.8	5.6	6.7
Illinois	94.6	112.4	138.1	-17.8	-43.5	2.8	3.3	4.4
Indiana	31.1	31.1	49.5	-	-18.4	2.1	2.1	3.6
Iowa	18.1	15.9	25.4	2.2	-7.3	2.7	2.4	4.4
Kansas	13.0	15.2	17.2	-2.1	-4.2	2.6	3.0	4.0
Kentucky	25.5	26.6	29.3	-1.1	-3.8	3.8	3.9	4.6
Louisiana	31.2	33.4	36.2	-2.2	-5.0	3.9	4.1	5.0
Maine	15.8	16.6	18.2	-.8	-2.4	6.5	6.8	8.2
Maryland	30.9	32.8	42.1	-1.9	-11.1	3.1	3.2	4.4
Massachusetts	104.4	103.8	108.7	.5	-4.4	5.8	5.8	6.4
Michigan	102.1	104.5	137.0	-2.4	-34.9	4.1	4.3	5.9
Minnesota	48.2	44.6	49.1	3.6	-.9	4.7	4.3	5.1
Mississippi	9.2	9.9	10.3	-.7	-1.1	2.0	2.2	2.6
Missouri	46.4	50.1	62.5	-3.7	-16.1	3.7	4.0	5.3
Montana	9.2	10.4	9.8	-1.1	-.5	6.5	7.4	7.7
Nebraska	10.1	10.1	10.4	-	-.4	3.0	3.0	3.4
Nevada	9.6	10.9	12.8	-1.4	-3.2	5.5	6.3	7.8
New Hampshire	5.1	5.3	6.9	-.2	-1.8	2.4	2.5	3.6
New Jersey	120.9	122.3	128.9	-1.4	-7.9	5.7	5.8	6.3
New Mexico	8.7	8.2	8.8	.5	-.2	4.1	3.8	4.6
New York	244.2	265.8	329.2	-21.7	-85.1	4.2	4.6	5.8
North Carolina	23.8	37.3	32.3	-13.6	-8.5	1.6	2.5	2.4
North Dakota	7.3	5.6	6.5	1.6	.8	6.9	5.4	7.3
Ohio	68.6	71.1	113.8	-2.5	-45.1	2.2	2.3	3.9
Oklahoma	17.5	17.3	20.8	.2	-3.3	3.2	3.2	4.2
Oregon	29.9	36.4	36.8	-6.5	-6.9	5.0	6.1	6.7
Pennsylvania	149.9	156.2	179.9	-6.3	-30.0	4.3	4.4	5.4
Puerto Rico <sup>2</sup>	45.6	56.7	53.0	-11.1	-7.4	10.3	12.0	12.3
Rhode Island	16.2	17.0	18.6	-.8	-2.4	5.5	5.8	6.7
South Carolina	11.8	13.6	15.3	-1.8	-3.5	1.7	2.0	2.4
South Dakota	3.9	4.1	4.4	-.2	-.5	3.4	3.6	4.6
Tennessee	29.0	38.1	36.8	-9.2	-7.8	2.7	3.5	3.8
Texas	34.7	39.7	46.1	-5.0	-11.4	1.2	1.4	1.8
Utah	12.2	13.2	13.3	-1.0	-1.0	4.6	5.0	5.6
Vermont	7.0	7.8	7.7	-.8	-.7	6.2	6.9	7.6
Virginia	11.1	11.0	14.9	.1	-3.7	1.0	1.0	1.5
Washington	64.8	76.0	83.5	-11.1	-18.6	7.7	9.3	10.6
West Virginia	20.1	22.8	25.3	-2.6	-5.2	5.1	5.8	6.9
Wisconsin	46.7	51.3	61.1	-4.6	-14.4	3.8	4.2	5.5
Wyoming	2.1	2.0	2.5	.1	-.5	2.6	2.5	3.4

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

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

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

\* Revised with new seasonal factors.



F-2: Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

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

State and area	Feb. 1973	Feb. 1972	State and area	Feb. 1973	Feb. 1972	State and area	Feb. 1973	Feb. 1972	State and area	Feb. 1973	Feb. 1972
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--</b>		
Birmingham.....	4.6	7.8	Evansville.....	1.6	2.8	Manchester.....	1.1	1.1	continued		
Mobile.....	2.0	2.8	Ft. Wayne.....	1.1	1.7				York.....	2.9	3.3
			Gary-Hammond..	3.8	8.5	<b>NEW JERSEY</b>			<b>PUERTO RICO</b>		
<b>ARIZONA</b>			Indianapolis....	5.5	8.3	Atlantic City....	5.9	5.8	Mayaguez.....	1.6	2.9
Phoenix.....	7.2	8.2	South Bend.....	1.6	2.5	Jersey City.....	14.3	16.5	Ponce.....	3.2	3.4
			Terre Haute.....	1.8	2.2	New Brunswick..	10.4	12.7	San Juan.....	8.5	10.1
<b>ARKANSAS</b>			<b>IOWA</b>			Paterson.....	24.2	24.7			
Little Rock.....	1.2	1.8	Cedar Rapids....	1.0	3.1	Trenton.....	3.3	3.6	<b>RHODE ISLAND</b>		
			Des Moines.....	2.0	2.8	<b>NEW MEXICO</b>			Providence.....	17.3	20.4
<b>CALIFORNIA</b>			<b>KANSAS</b>			Albuquerque....	3.6	3.0			
Anaheim-S. Ana-			Wichita.....	2.7	4.1	<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Garden Grove..	15.0	17.5	<b>KENTUCKY</b>			Albany.....	7.7	10.6	Charleston.....	1.3	2.1
Fresno.....	8.6	8.6	Louisville.....	4.8	7.9	Binghamton....	2.7	3.9	Greenville.....	.8	1.2
Los Angeles.....	91.4	108.9	<b>LOUISIANA</b>			Buffalo.....	17.2	30.6			
Sacramento.....	15.7	13.4	Baton Rouge....	2.6	2.5	New York.....	156.5	217.1	<b>TENNESSEE</b>		
San Bernardino..	12.5	12.8	New Orleans....	7.3	9.1	Rochester.....	*9.6	10.4	Chattanooga....	1.5	1.9
San Diego.....	18.1	18.0	Shreveport.....	2.2	3.1	Syracuse.....	7.1	9.9	Knoxville.....	3.5	4.6
San Francisco....	49.2	49.8	<b>MAINE</b>			Utica.....	5.5	8.4	Memphis.....	4.7	6.0
San Jose.....	18.6	17.3	Portland.....	1.4	1.6	<b>NORTH CAROLINA</b>			Nashville.....	3.2	4.1
Stockton.....	8.1	7.5	<b>MARYLAND</b>			Asheville.....	.6	.9	<b>TEXAS</b>		
<b>COLORADO</b>			Baltimore.....	20.0	28.7	Charlotte.....	.9	1.9	Austin.....	.6	.6
Denver.....	5.8	5.8	<b>MASSACHUSETTS</b>			Durham.....	.5	.7	Beaumont.....	2.8	3.5
			Boston.....	49.2	46.8	Greensboro....			Corpus Christi..	1.1	1.3
<b>CONNECTICUT</b>			Brockton.....	3.6	3.5	Winston-Salem..	1.7	3.2	Dallas.....	4.0	6.6
Bridgeport.....	6.1	11.7	Fall River.....	3.7	4.7	<b>OHIO</b>			El Paso.....	1.9	2.2
Hartford.....	9.4	14.9	Lawrence.....	4.8	5.9	Akron.....	4.7	7.4	Fr. Worth.....	2.7	5.3
New Britain.....	2.1	3.6	Lowell.....	3.8	4.3	Canton.....	2.7	5.0	Houston.....	4.8	6.9
New Haven.....	5.7	7.9	New Bedford....	4.4	5.4	Cincinnati.....	8.1	18.2	San Antonio.....	1.7	3.0
Stamford.....	2.6	3.4	Springfield....	9.0	10.6	Cleveland.....	13.4	21.9			
Waterbury.....	3.7	6.6	Worcester.....	4.7	6.1	Columbus.....	5.2	6.2	<b>UTAH</b>		
<b>DELAWARE</b>			<b>MICHIGAN</b>			Dayton.....	5.1	7.3	Salt Lake City..	6.0	7.3
Wilmington.....	4.5	9.6	Battle Creek....	2.0	3.0	Hamilton.....	2.1	4.0			
<b>DIST. OF COL.</b>			Detroit.....	42.0	64.2	Lorain.....	1.6	2.6	<b>VIRGINIA</b>		
Washington.....	13.2	13.9	Flint.....	2.5	6.1	Steubenville...	.9	1.6	Hampton.....	.8	1.0
<b>FLORIDA</b>			Grand Rapids...	6.1	8.3	Toledo.....	4.8	6.5	Norfolk.....	1.5	1.8
Jacksonville....	1.0	1.4	Kalamazoo.....	1.3	2.9	Youngstown....	3.6	8.5	Richmond.....	.5	.7
Miami.....	7.6	8.5	Lansing.....	3.6	4.4	<b>OKLAHOMA</b>			Roanoke.....	.4	.5
Tampa.....	3.9	5.4	Muskegon.....	2.1	3.4	Oklahoma City..	3.8	4.3	<b>WASHINGTON</b>		
			Saginaw.....	1.7	1.9	Tulsa.....	2.6	3.6	Seattle.....	28.7	37.7
<b>GEORGIA</b>			<b>MINNESOTA</b>			<b>OREGON</b>			Spokane.....	6.1	5.8
Atlanta.....	5.2	6.7	Duluth.....	4.4	5.7	Portland.....	13.1	17.4	Tacoma.....	6.4	8.1
Augusta.....	.9	1.6	Minneapolis....	15.3	19.3	<b>PENNSYLVANIA</b>					
Columbus.....	1.1	2.2	<b>MISSISSIPPI</b>			Allentown.....	5.7	8.5	<b>WEST VIRGINIA</b>		
Macon.....	.9	.9	Jackson.....	.8	1.1	Altoona.....	2.1	2.9	Charleston.....	2.1	2.7
Savannah.....	.7	1.0	<b>MISSOURI</b>			Erie.....	3.5	4.1	Huntington....	4.5	5.4
<b>HAWAII</b>			Kansas City....	11.4	15.7	Harrisburg.....	3.8	3.1	Wheeling.....	1.8	3.0
Honolulu.....	11.4	11.4	Sr. Louis.....	25.5	38.6	Johnstown.....	5.0	5.8	<b>WISCONSIN</b>		
<b>ILLINOIS</b>			<b>NEBRASKA</b>			Lancaster.....	2.1	3.2	Kenosha.....	.9	1.5
Chicago.....	53.3	79.5	Omaha.....	4.0	4.9	Philadelphia...	57.9	62.7	Madison.....	4.9	5.3
Davenport.....	2.5	3.6				Pittsburgh.....	31.8	43.2	Milwaukee.....	11.9	18.4
Peoria.....	3.2	4.6				Reading.....	2.7	3.8	Racine.....	1.3	2.1
Rockford.....	1.6	3.6				Scranton.....	5.7	5.8			
						Wilkes-Barre...	6.8	9.2			

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

\* Estimated.

# Explanatory Notes

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 three-fourths of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-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, some State and local government, domestic service, self-employment, unpaid family work, and selected nonprofit organizations).

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

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

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

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

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.

## Household 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 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 noninstitutional 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 Columbus Day holiday would be reported as working 32 hours even though he was paid for the holiday.

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

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

Persons who worked 35 hours or more in the survey week are designated as working "full time;" persons who worked between

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

**Full- and part-time labor force.** The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (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)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	90	95
<b>MALE</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	70	80
<b>FEMALE</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	60	70

**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 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

**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

the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

*Illustration:* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000.

**Table 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 been paid 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 1 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 1) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by



dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

### Spendable average weekly earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

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

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

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

### Average hourly earnings excluding overtime

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

### Indexes of aggregate weekly payrolls and man-hours

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

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

### Labor turnover

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

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

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

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

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

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

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

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

### Relationship of labor turnover to employment series

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

## Job vacancies

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

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

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

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

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

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

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

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

## ESTIMATING METHODS

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

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described later in table L, Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover. Further details are given in the technical notes—Chapter 2, Employment, hours and earnings, and Chapter 3, Job vacancies and

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

## Size and regional stratification

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

## Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1971 levels. Normally, benchmark adjustments are made annually.

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

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions 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 1969-1971**

Industry division	1969	1970	1971
Total . . . . .	99.8	100.0	100.2
Mining . . . . .	101.5	100.0	99.8
Contract construction . .	99.0	100.1	96.9
Manufacturing . . . . .	99.8	100.1	100.4
Transportation and public utilities . . . . .	100.4	99.9	100.9
Wholesale and retail trade . . . . .	100.0	100.1	100.3
Finance, insurance, and real estate . . . . .	100.0	100.3	100.2
Services . . . . .	99.1	99.6	100.4
Government . . . . .	100.1	100.3	100.0

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 specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of

social statistics. Table 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 G shows the approximate coverage, in terms of employment, of the job vacancy-labor turnover sample.

**Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1971<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total . . . . .	155,000	28,995,000	42
Mining . . . . .	2,200	307,000	50
Contract construction . . . . .	15,600	701,000	23
Manufacturing . . . . .	46,100	11,197,000	61
Transportation and public utilities:			
Railroad transportation (ICC) . . . . .	95	562,000	93
Other transportation and public utilities . . . . .	7,100	1,966,000	51
Wholesale and retail trade . . . . .	38,200	2,675,000	18
Finance, insurance, and real estate . . . . .	9,700	1,352,000	36
Services . . . . .	22,800	2,401,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> . . . . .	3,300	2,649,000	100
State and local . . . . .	9,900	5,185,000	50

<sup>1</sup> 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.

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,300 reports covering about 56 percent of employment in Federal establishments.

**Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1971**

Industry	Employees	
	Number reported	Percent of total
Total . . . . .	10,896,500	55
Manufacturing <sup>1</sup> . . . . .	9,965,300	54
Metal mining . . . . .	63,600	68
Coal mining . . . . .	57,700	38
Communication:		
Telephone . . . . .	789,000	83
Telegraph . . . . .	20,900	70

<sup>1</sup> Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 44 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 errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment . . . . .	0.2	-	-
Total private. . . . .	.2	0.1	0.2
Mining . . . . .	.7	.5	.5
Construction. . . . .	1.1	.2	.3
Manufacturing. . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.4	.7	.4
Trade . . . . .	.2	.1	.2
Wholesale . . . . .	.9	.2	.3
Retail . . . . .	.2	.2	.2
Finance, insurance, and real estate . . . . .	.3	.2	.4
Services . . . . .	.5	.4	.8
Government <sup>3</sup> . . . . .	-	-	-

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

<sup>2</sup> The average percent revision in employment for the 6 most recent benchmarks (1966-71).

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

The 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 <sup>1</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	1,900	0.9	1.5
100,000	2,700	.7	1.1
200,000	4,100	.5	.9
500,000	9,600	.4	.8
1,000,000	13,000	.3	.5
2,000,000	16,800	.3	.5

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

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 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.

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

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	500	500
100,000	900	900
200,000	1,600	1,500
500,000	2,800	2,600
1,000,000	5,000	4,800
2,000,000	10,600	8,100
10,000,000	34,700	30,600
Total nonagricultural employment . . . . .	97,000	87,000
Mining . . . . .	3,000	3,000
Contract construction . . . . .	21,000	18,000
Manufacturing . . . . .	23,000	23,000
Transportation and public utilities . . . . .	7,000	6,000
Wholesale and retail trade . . . . .	29,000	24,000
Finance, insurance, and real estate . . . . .	3,000	3,000
Services . . . . .	18,000	14,000
Government . . . . .	28,000	25,000

**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).

**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 engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is the number of insured unemployed expressed

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 <sup>1</sup> (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

<sup>1</sup> 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.

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

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

# 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, and the *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

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 1972 are published in the February 1973 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

For establishment data, the seasonally adjusted series on hours, hourly earnings, number of job vacancies, 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. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly 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.

Seasonally adjusted job vacancy rates are computed by dividing the seasonally adjusted number of job vacancies by the sum of seasonally adjusted employment and job vacancies and multiplying the quotient by 100. Seasonally adjusted long-term job vacancy rates are computed by dividing the seasonally adjusted long-term job vacancies by the sum of seasonally adjusted employment and total job vacancies and multiplying the quotient by 100.

The revised seasonally adjusted series for the establishment data reflect experience through June 1972. Seasonal factors to be used for current adjustment are shown in the October 1972 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

## 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 1971 benchmarks. Data from April 1971

forward are subject to revision at the time of the next benchmark.

Beginning with the October 1972 and subsequent issues of *Employment and Earnings*, the national data in Sections B, C, D, and E supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1972*. Comparable data will be published in *Employment and Earnings, United States, 1909-72*, BLS Bulletin 1312-9.

**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)
<b>Monthly Data</b>		
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.
<b>Annual Average Data</b>		
All employees and production or nonsupervisory workers.	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate 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.