

EMPLOYMENT AND EARNINGS

VOL. 20 NO. 2 AUGUST 1973

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Changes in table formats

Beginning with this issue, all tables show data in historical sequence, left to right or top to bottom. For most tables, this means that the earliest data appear in the column closest to the stub, the latest data in the column farthest from the stub. In tables where the data periods are in the stub, the earliest data appear on the top line, the latest data on the bottom line.

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CALENDAR OF FEATURES

In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Household data											
Annual averages	x										
Revised seasonally adjusted series and current seasonal factors		x									
Quarterly averages:											
Seasonally adjusted data											
Persons not in labor force	x			x			x			x	
Vietnam Era war veterans											
Establishment data											
National annual averages:											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x			x			x
National data adjusted to new benchmarks										(1)	
Revised seasonally adjusted series and current seasonal factors						(2)					
State and area annual averages					x						
Area definitions					x						

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

² Revised data introduced in June 1973.

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

Employment and Unemployment Developments, July 1973

The Nation's employment situation in July was little changed from June. The unemployment rate was 4.7 percent, essentially the same as in June (4.8 percent), when it fell below 5 percent for the first time in a little more than 3 years.

Total employment (as measured through the household survey) was unchanged in July at 84.6 million. Since July a year ago, the number of employed persons has increased by 2.9 million.

Nonfarm payroll employment (as measured through the establishment survey) was also unchanged at 75.5 million in July, after rising steadily in previous months. Over the year, it has risen by 2.9 million.

Unemployment

Both the number of unemployed persons (4.2 million) and the unemployment rate (4.7 percent) were virtually unchanged from June, after taking into account the normal seasonal movements at this time of year. The unemployment rate had been at a plateau of about 5 percent during the first half of the year, after dropping from 1971 levels of about 6 percent.

Although the overall jobless rate was about unchanged in July, there were some diverse movements among the major labor force groups. The unemployment rate for household heads inched down to 2.7 percent, reaching its lowest point since April 1970. The rates for all adult men (3.0 percent) and for married men (2.1 percent) likewise declined slightly over the month. The jobless rate for adult women was unchanged at 4.9 percent, while the teenage rate rose to 14.4 percent after a sharp decline in June. Whereas the rate of unemployment for white workers edged down in July to 4.1 percent, the rate for Negro workers rose from 8.5 to 9.3 percent, following a decrease of similar magnitude in the previous month.

Among the major industry groups, jobless rate increases for workers in construction and trade were offset by reductions in other industries, notably among manufacturing workers. At 3.8 percent, the unemployment rate for factory workers was down sharply from the levels of 1971. This decline was most marked for workers in durable goods manufacturing, whose jobless rate receded to

3.3 percent in July, its lowest point since late 1969 and in sharp contrast with its 1971 average of 7 percent.

For workers covered by State unemployment insurance programs, the unemployment rate was 2.7 percent in July. This rate has held within the narrow range of 2.7-2.9 percent since January; after declining steadily from 3.7 percent since July a year ago.

The average (mean) duration of unemployment was 9.6 weeks in July, about unchanged from June but over 2 weeks below the year-ago average.

An over-the-month decline in the number of job losers was largely offset by a rise in the number of unemployed persons who had reentered the labor force. Since July 1972, the job-loser count has fallen by more than 500,000 (from 2.1 to 1.6 million), accounting for nearly all of the year-to-year reduction in total joblessness.

Civilian labor force and total employment

The civilian labor force and total employment, at 88.8 million and 84.6 million, respectively, were essentially unchanged from their June levels (after seasonal adjustment). There were, however, some changes among the major age-sex groups, with further increases being posted by adult men and women and a substantial drop taking place among teenagers.

Since July 1972, total employment has advanced by 2.9 million persons; adult women made up 1.3 million of this gain, while adult men and teenagers accounted for 1.1 million and 500,000, respectively.

Vietnam Era veterans

The jobless rates for Vietnam Era veterans 20 to 29 years of age and 30 to 34 years were 5.6 percent and 1.5 percent, respectively, both essentially unchanged from June. This marked the eleventh consecutive month that the unemployment rates for these veterans have not differed materially from those for nonveterans of the same ages. However, for the youngest veterans—those 20 to 24 years of age—the unemployment rate declined to 8.4 percent in July, about the same as the levels prevailing

this spring. The young veterans' rate remained somewhat higher than that of their nonveteran counterparts.

Industry payroll employment

Nonagricultural payroll employment declined in line with normal June-to-July patterns, and, after seasonal adjustment, was essentially unchanged from June. At 75.5 million, total payroll jobs have advanced by 2.9 million since July a year ago.

A job increase in the service-producing sector in July was largely offset by an 80,000 decline in manufacturing employment. This decrease was evenly shared by the durable and nondurable goods components. Job reductions in machinery and transportation equipment accounted for a large part of the job loss in durable goods, whereas in nondurable goods all of the decline took place in the apparel industry. Elsewhere in the goods-producing sector, employment in contract construction rose by 25,000, a continuation of the general upward movement in the industry this year. Employment rose by 90,000 in the service-producing sector; however, with exception of the service industry, all of the other major divisions in this sector showed little or no gain over the month.

Hours of work

The average workweek for production or nonsupervisory personnel on private nonagricultural payrolls was little changed in July at 37.3 hours (seasonally adjusted) and was also about the same as July a year ago. At 40.9 hours, the workweek in manufacturing was up 0.3 hour in July, a return to levels prevailing earlier this year.

Factory overtime hours were unchanged over the month at 3.8 hours, seasonally adjusted, but have advanced by 0.6 hour since last July.

Hourly and weekly earnings

Actual hourly earnings of production or nonsupervisory personnel on private nonagricultural payrolls rose 2 cents to an average of \$3.89 in July. Since July 1972, hourly earnings have risen 25 cents or 6.9 percent.

As a result of the increase in hourly earnings and an 0.2-hour rise in the actual workweek, average weekly earnings rose \$1.52 to \$146.65. Average earnings advanced by about the same amount on a seasonally adjusted basis. Since July a year ago, average weekly earnings have advanced by \$9.79 or 7.2 percent. During the latest 12-month period for which the Consumer Price Index is available—June 1972 to June 1973—consumer prices increased by 5.9 percent, and weekly earnings adjusted for price changes rose by 0.9 percent.

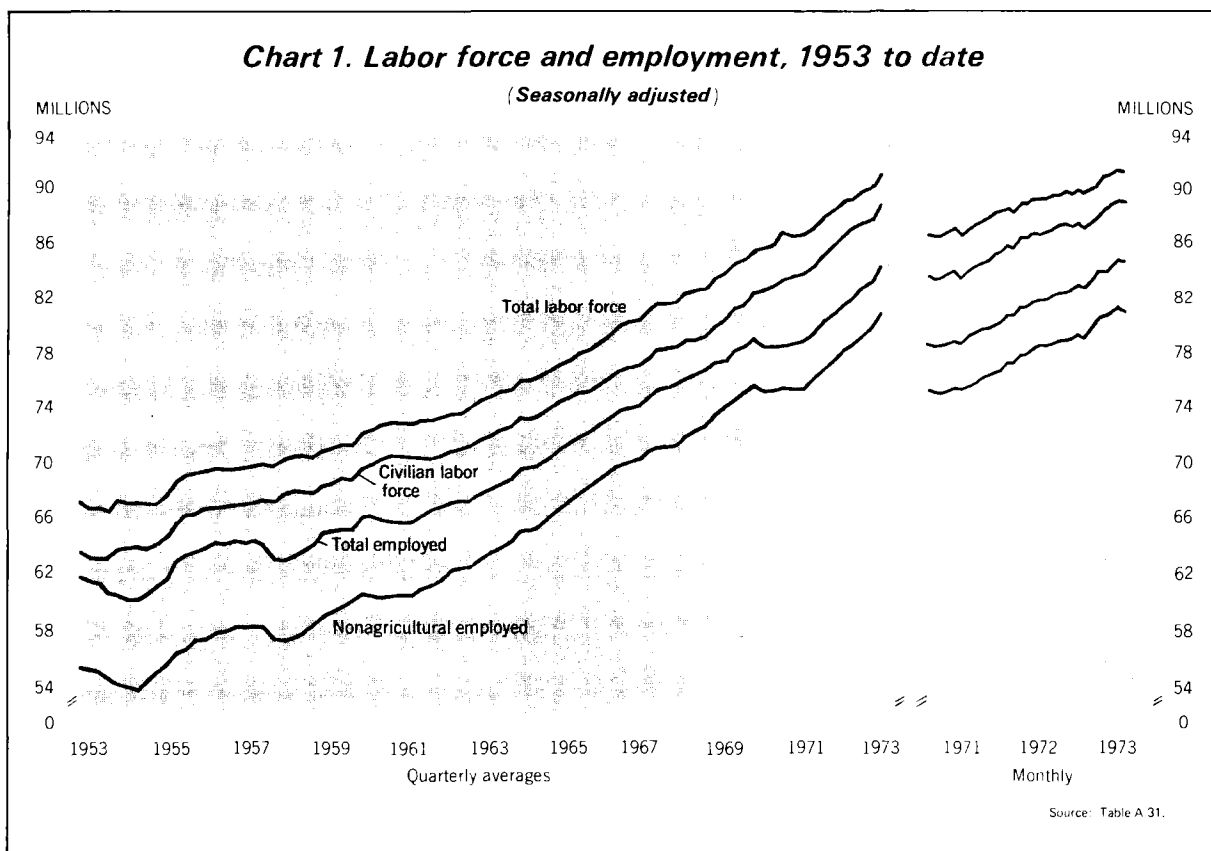
Hourly earnings index

The Bureau's Hourly Earnings Index, seasonally adjusted, was 146.4 (1967=100) in July, 0.4 percent higher than in June, according to preliminary figures. The index was 6.1 percent above July a year ago. All industries recorded gains over the year, ranging from 5.1 percent in finance, insurance, and real estate to 7.7 percent in transportation and public utilities. During the 12-month period ending in June, the hourly earnings index in dollars of constant purchasing power rose 0.3 percent.

CHARTS

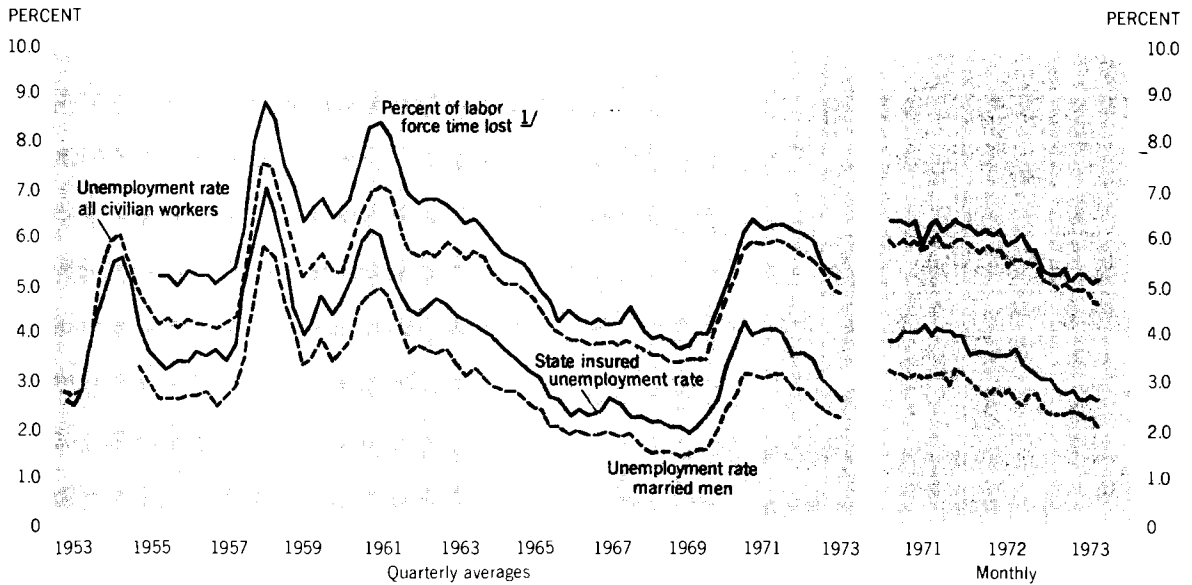
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**Chart 2. Major unemployment indicators
1953 to date**

(Seasonally adjusted)

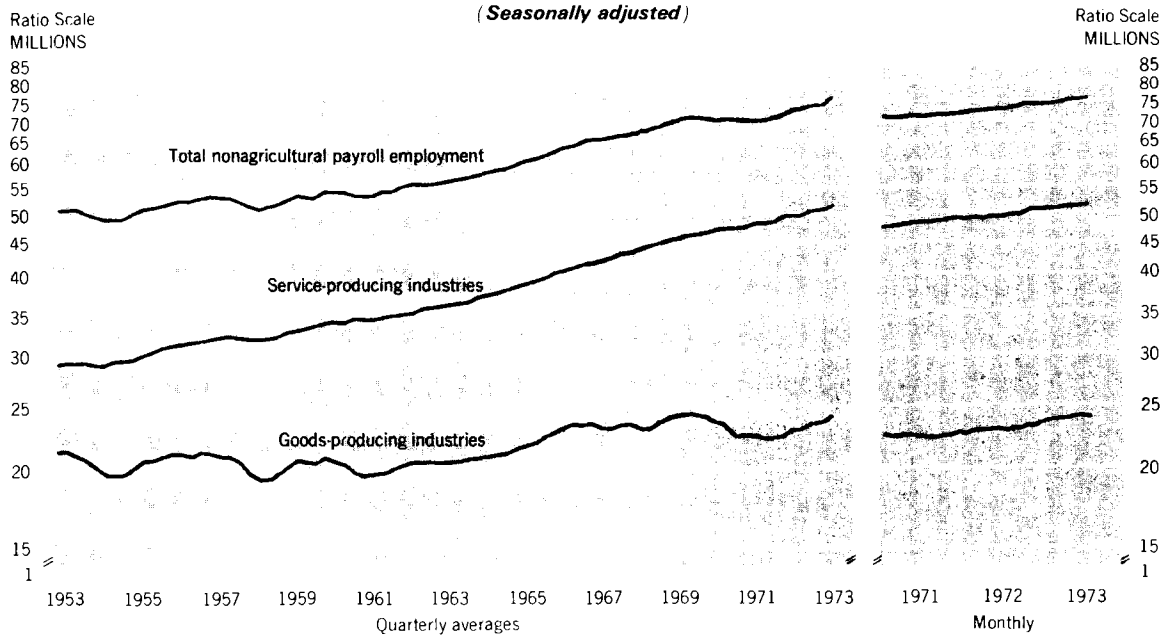


^{1/} Series revised beginning 1963 to reflect whether unemployed persons sought full or part time jobs.

Source: Table A-35.

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

(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

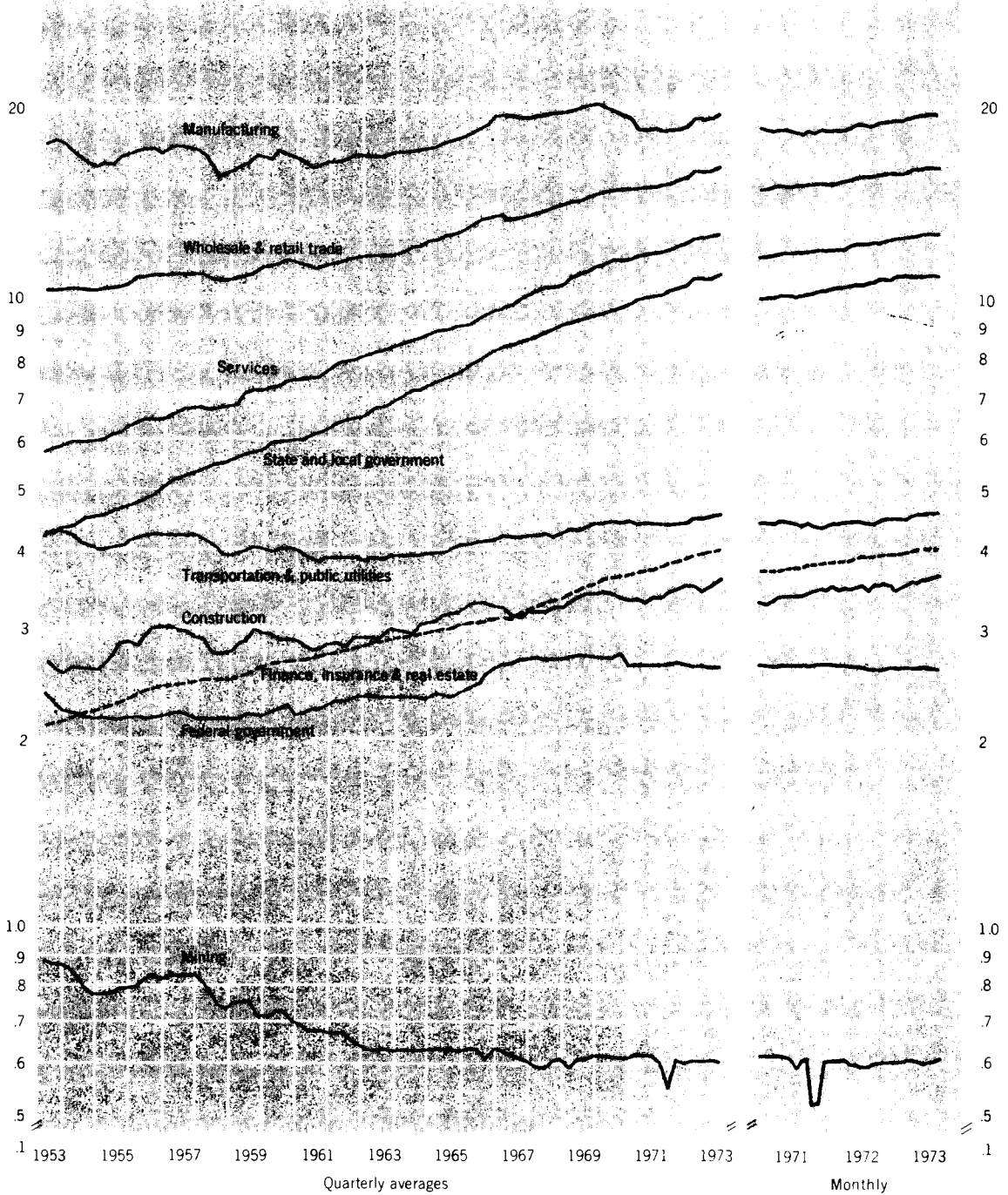
Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

(Seasonally adjusted)

Ratio Scale
MILLIONS
30

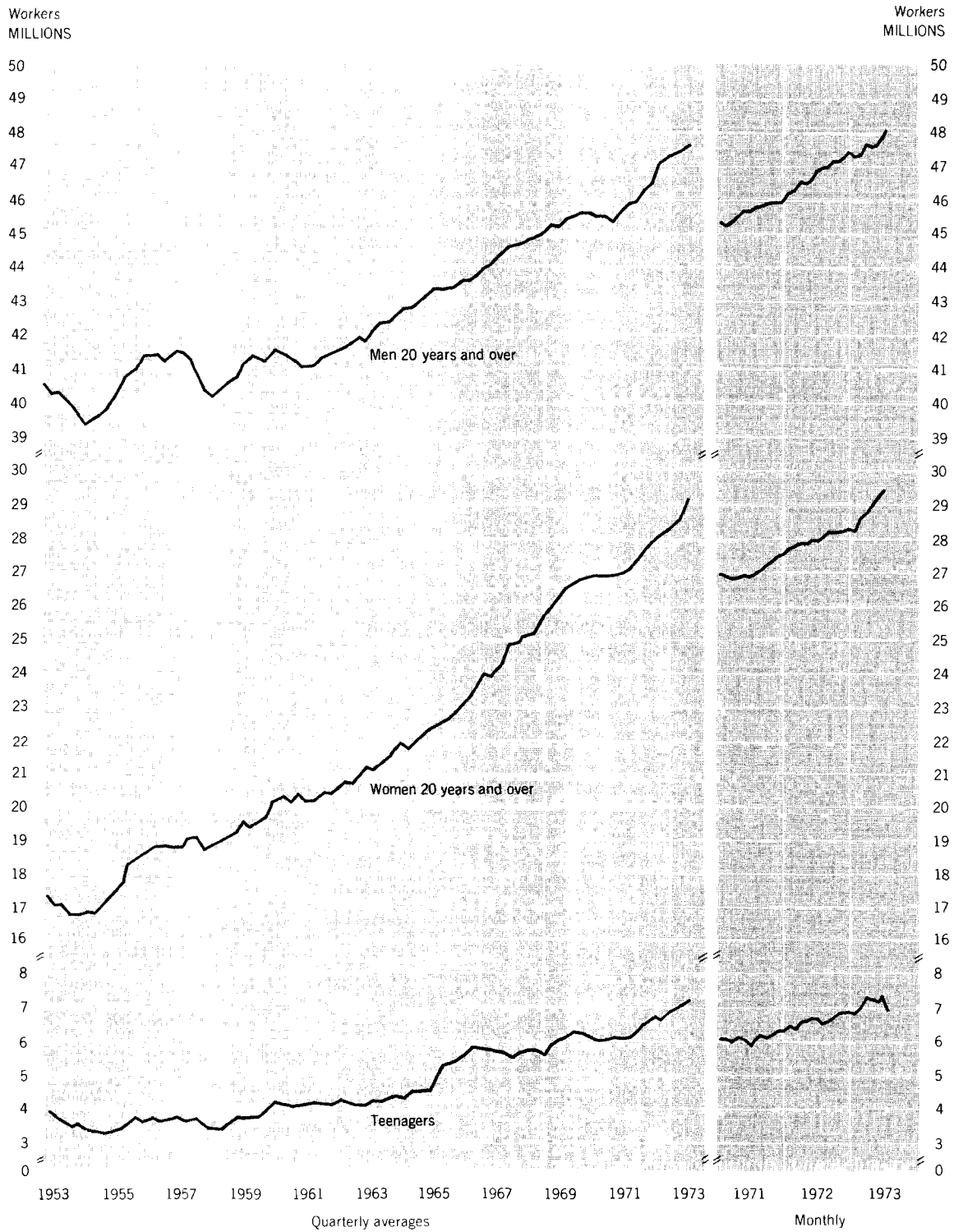
Ratio Scale
MILLIONS
30



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-31.

**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

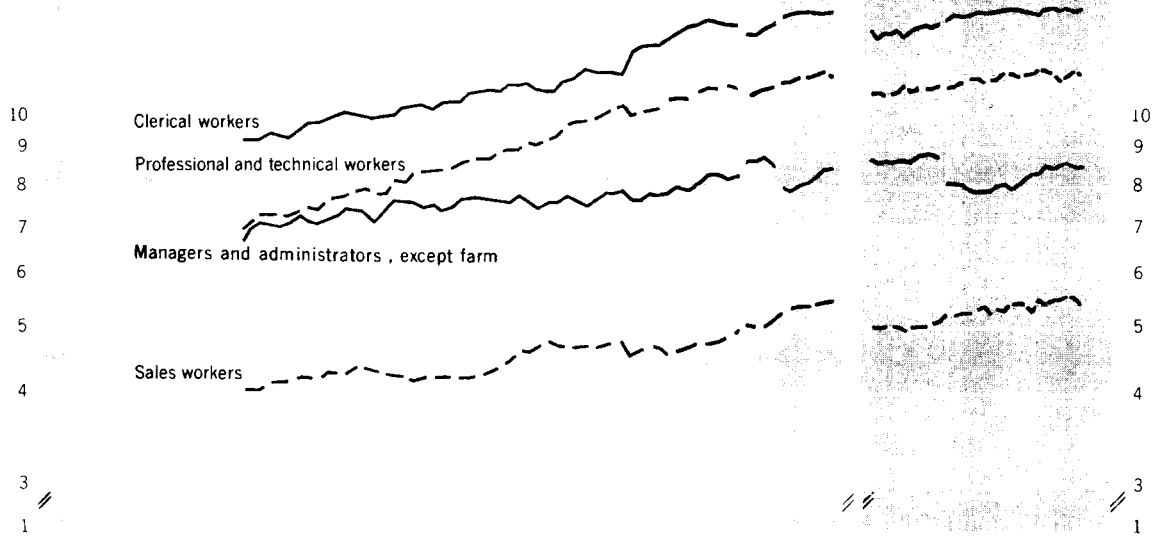
Source: Table A 31 and unpublished data

Chart 7. Employment in nonfarm occupations
1958 to date
(Seasonally adjusted)

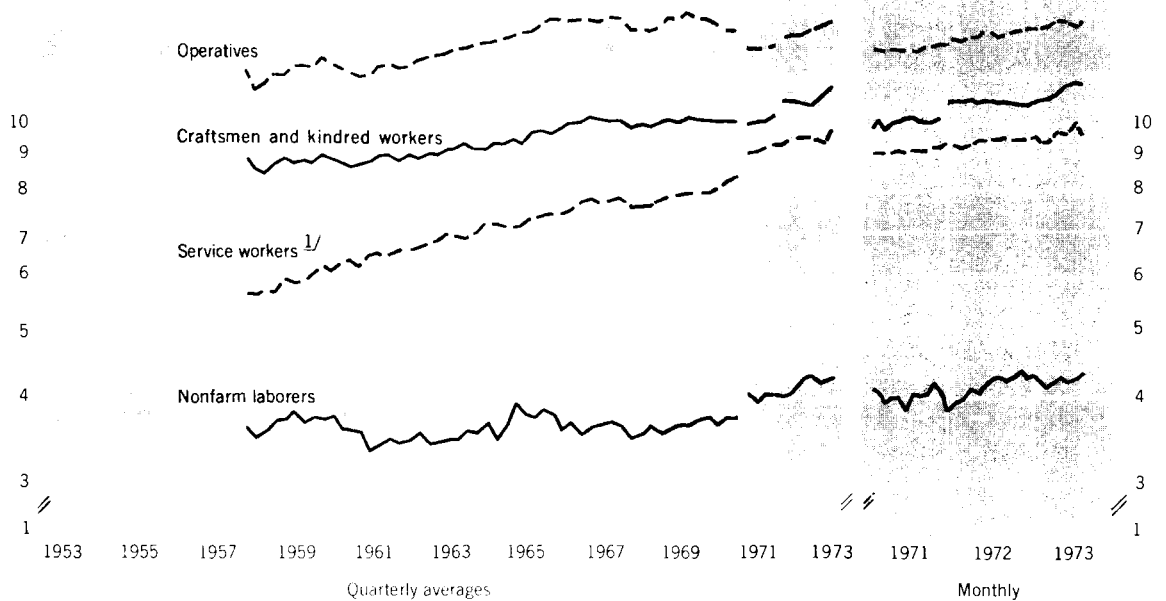
Ratio Scale
MILLIONS
20

Ratio Scale
MILLIONS
20

White-collar workers



Blue-collar and service workers



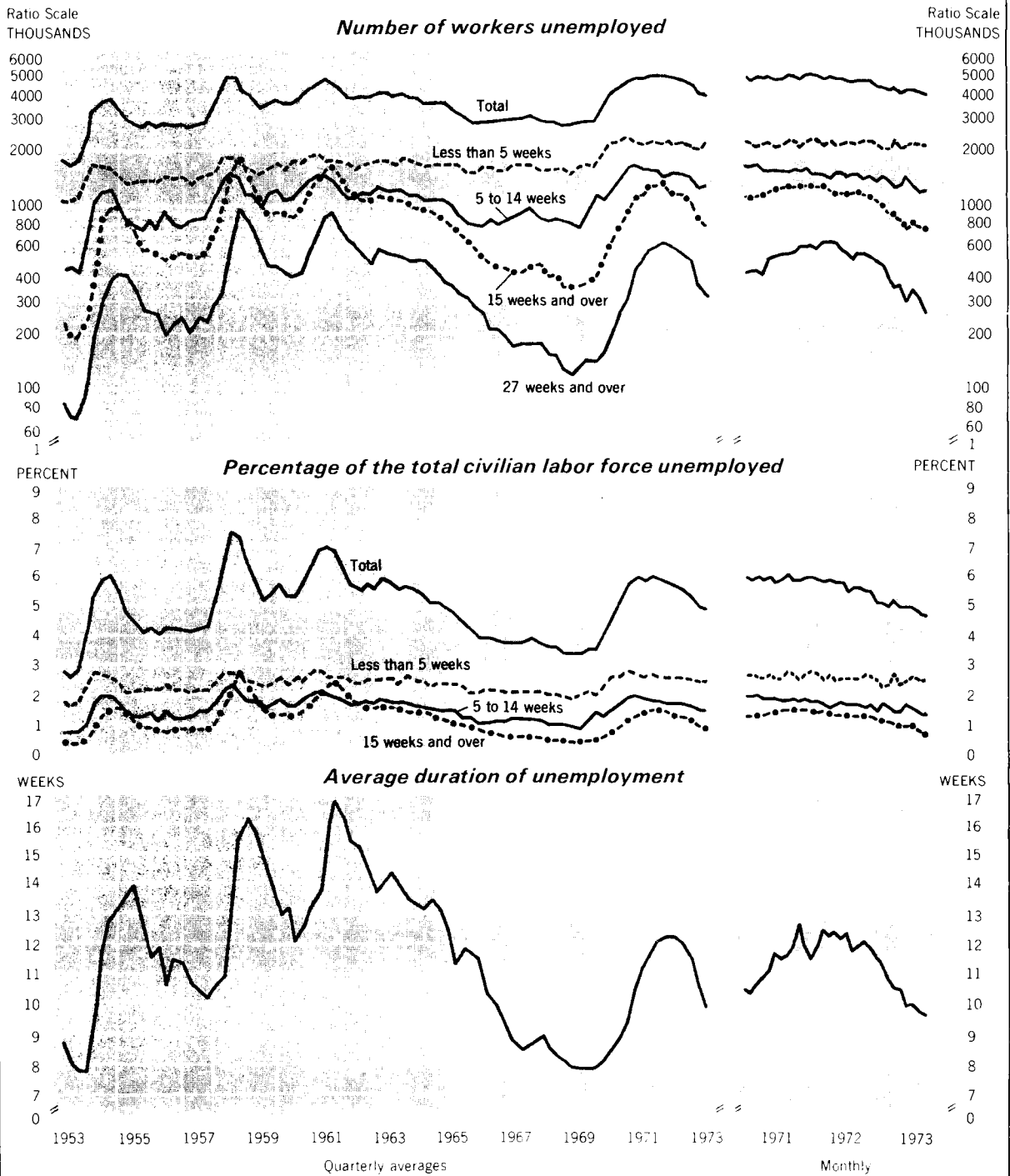
¹ Excludes private household workers.

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

Source: Table A-39

Chart 8. Duration of unemployment 1953 to date

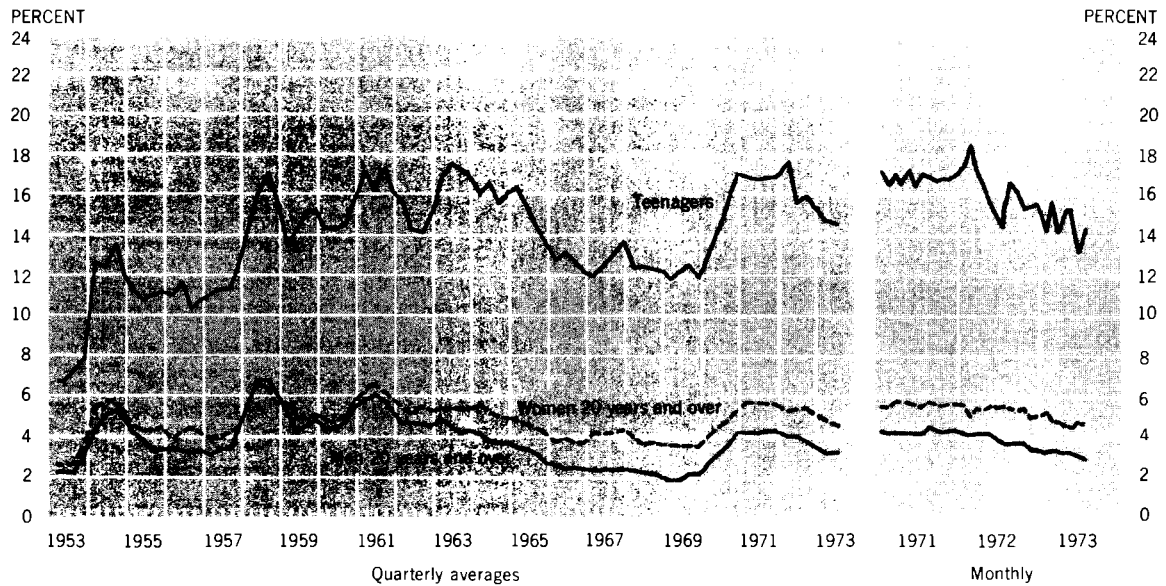
(Seasonally adjusted)



Source: Table A 34

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

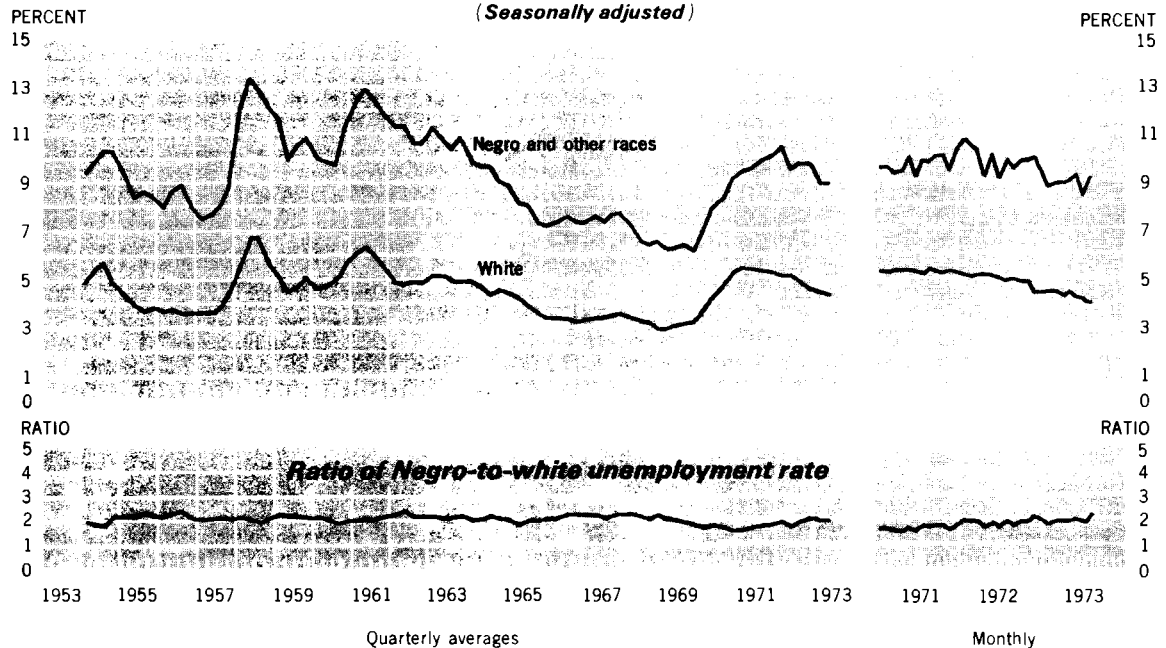
(Seasonally adjusted)



Source: Table A-33.

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

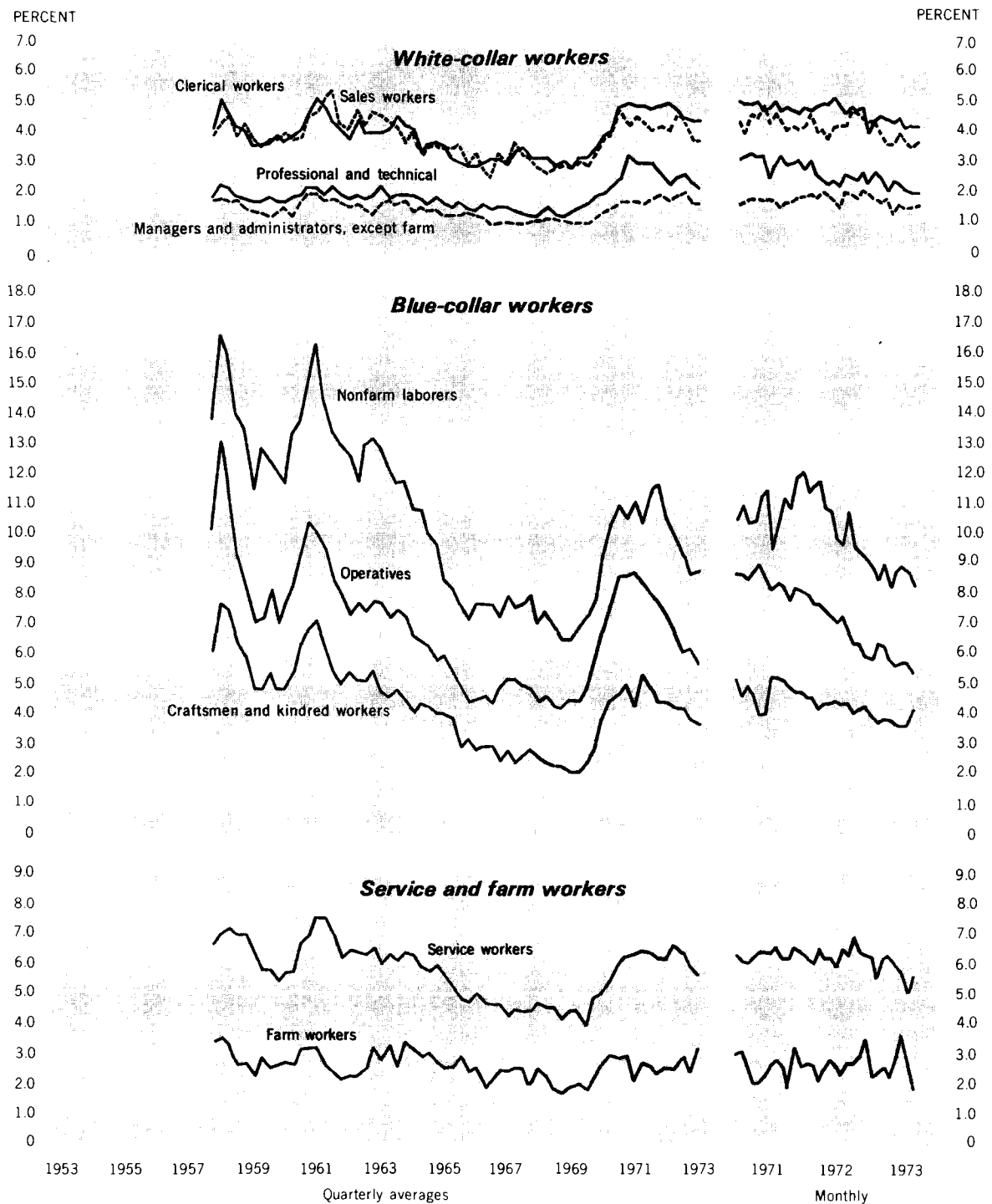
(Seasonally adjusted)



Source: Table A-33.

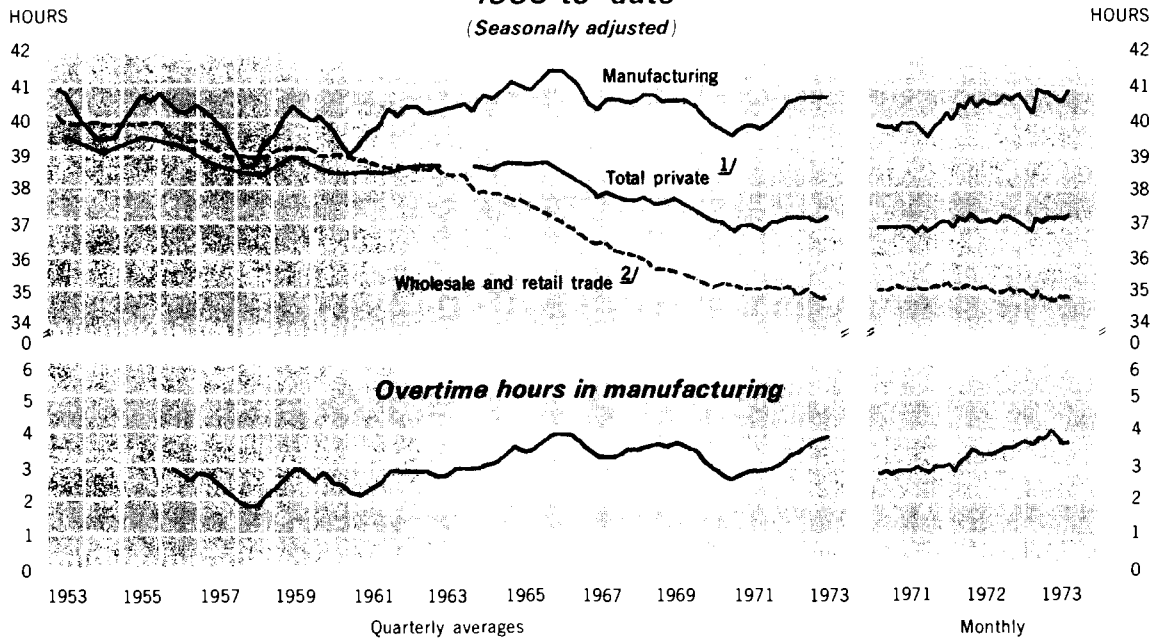
**Chart 11. Unemployment rates by occupation
1958 to date**

(Seasonally adjusted)



Source: Table A 35.

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



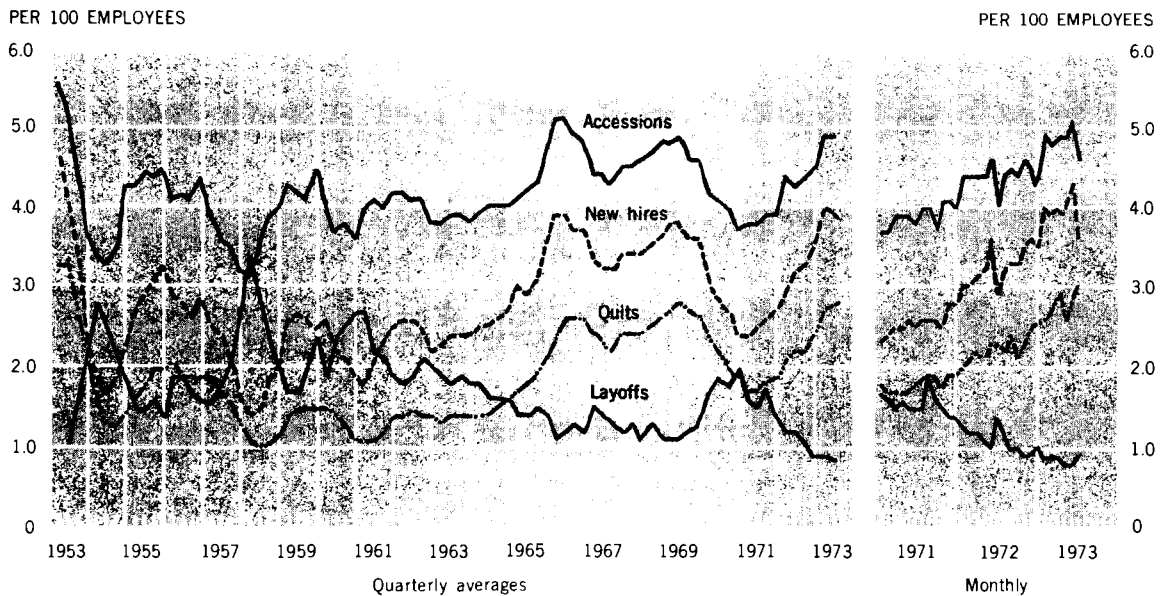
1/ Annual averages prior to 1964

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

Note: Data for 2 most recent months are preliminary.

Source: Table C.7

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



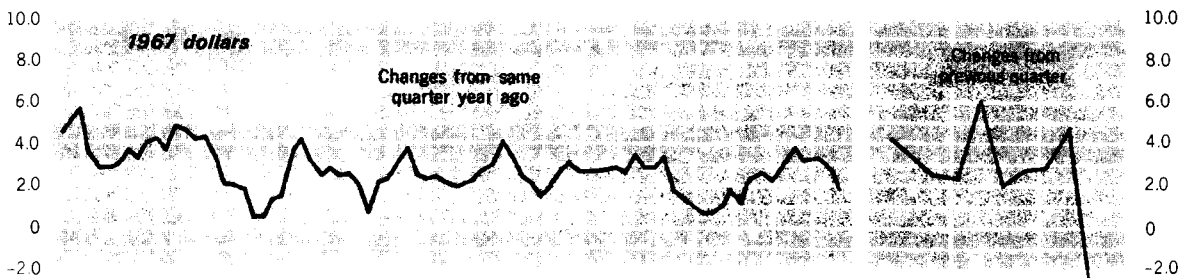
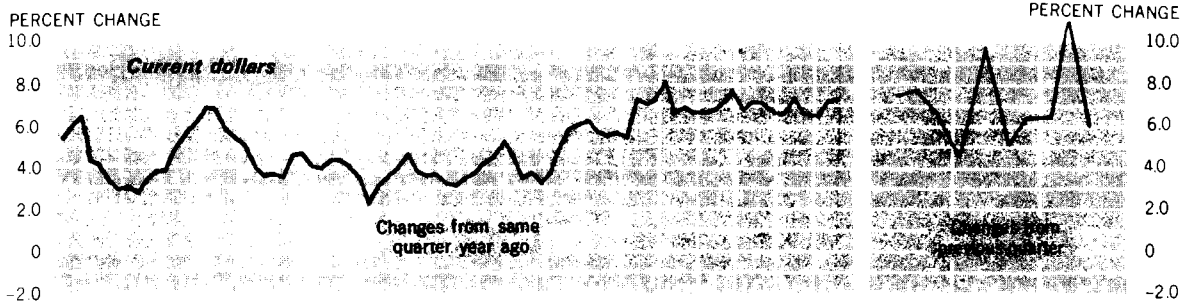
Note: Data for current month are preliminary.

Source: Table D.3

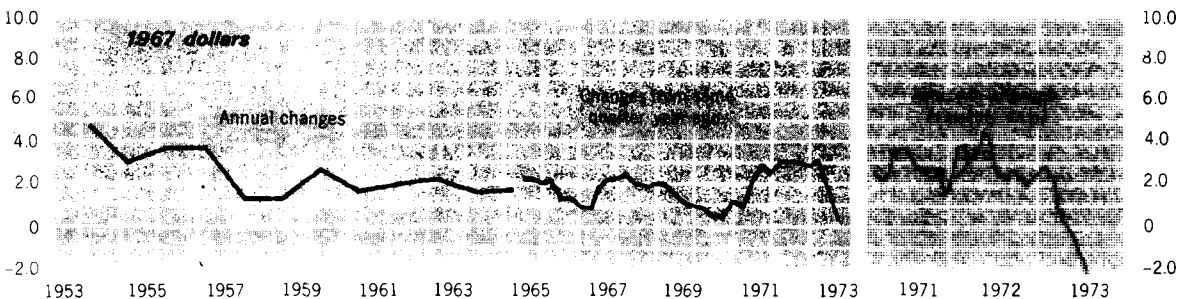
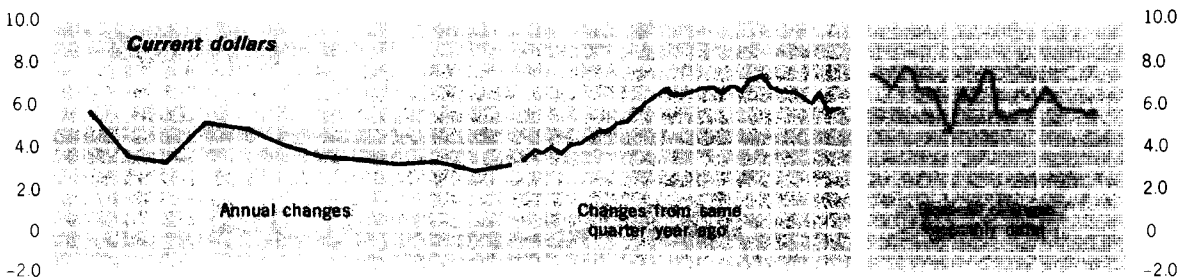
**Chart 14. Major compensation trend indicators
in the private nonfarm economy
1953 to date**

(Seasonally adjusted, at annual rates)

Hourly compensation index, all employees



Hourly earnings index, production or nonsupervisory employees



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

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

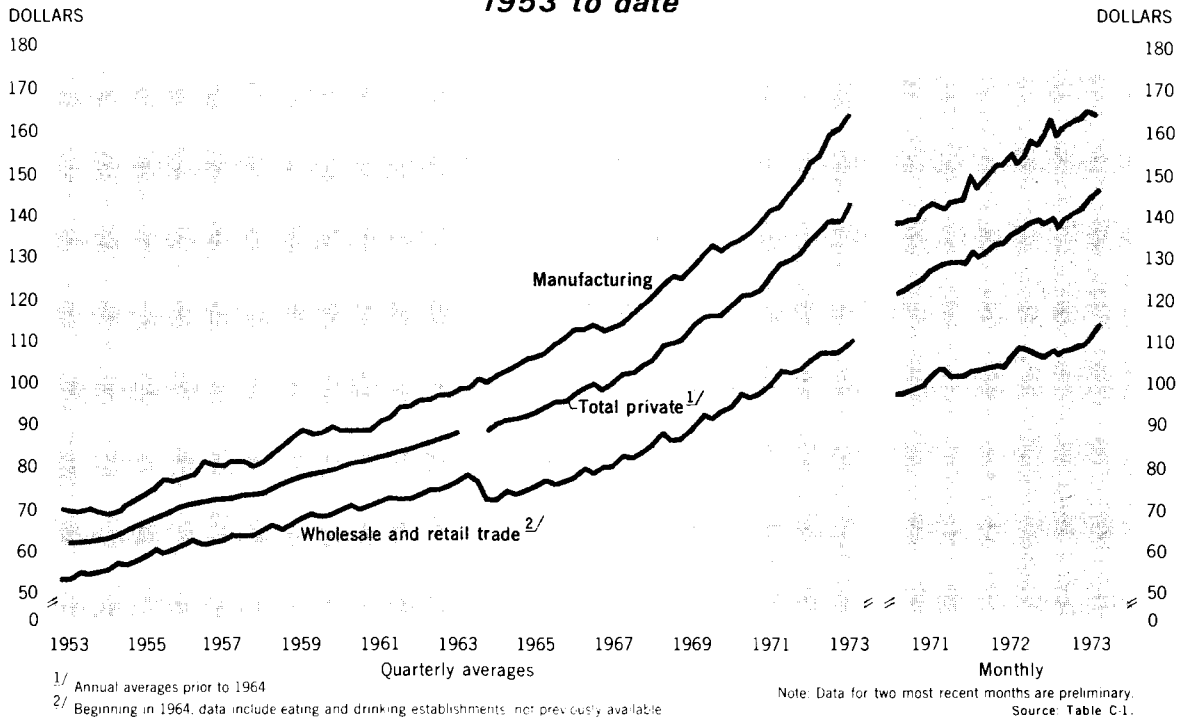


Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date

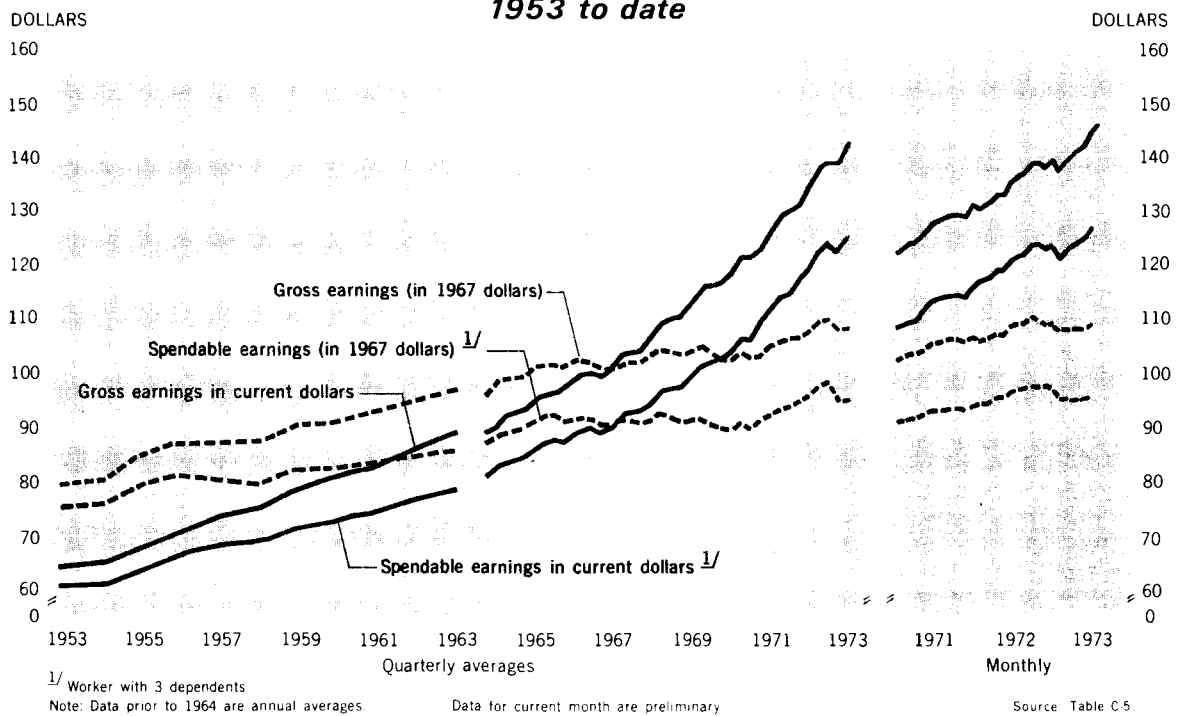


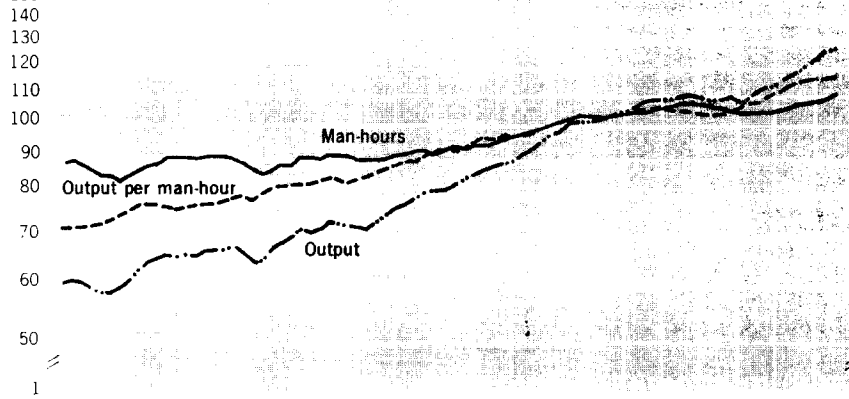
Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date

(Seasonally adjusted quarterly averages)

RATIO SCALE
INDEX (1967=100)

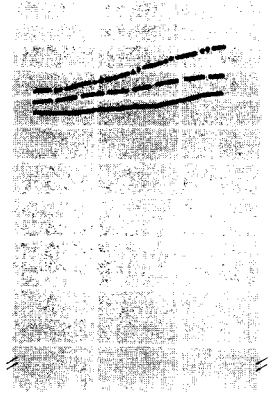
170
160
150
140
130
120
110
100
90
80
70
60
50
1

Output, man-hours, and output per man-hour



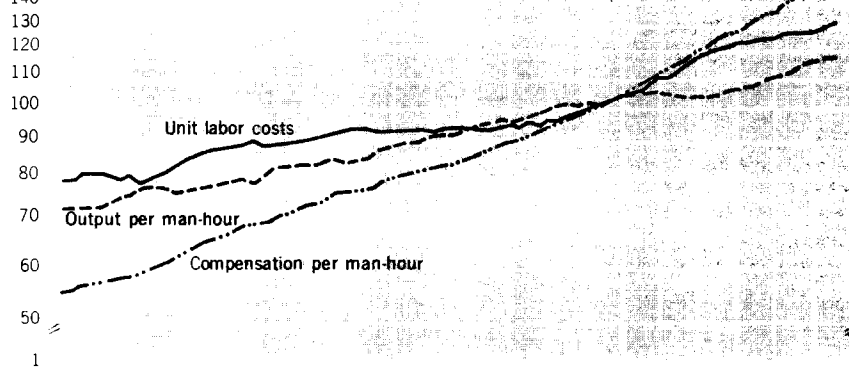
RATIO SCALE
INDEX (1967=100)

170
160
150
140
130
120
110
100
90
80
70
60
50
1

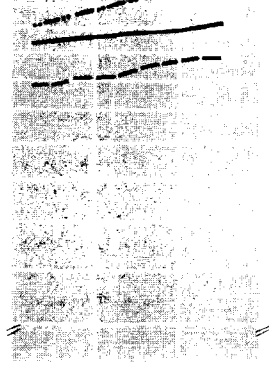


170
160
150
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130
120
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100
90
80
70
60
50
1

Output per man-hour, compensation per man-hour, and unit labor costs

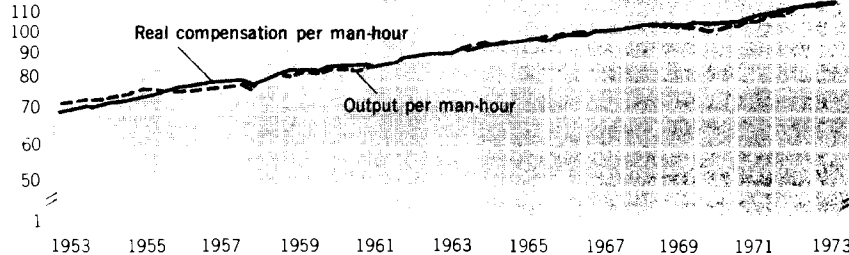


170
160
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100
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80
70
60
50
1

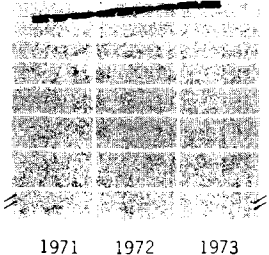


140
130
120
110
100
90
80
70
60
50
1

Output and real compensation per man-hour



140
130
120
110
100
90
80
70
60
50
1



Source: Table C.10.

HOUSEHOLD DATA

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	55,520	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 ²	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 ²	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 ²	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 ²	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
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
March	147,541	89,686	60.8	87,325	82,814	3,131	79,683	4,512	5.2	5.0	57,856
April	147,729	89,823	60.8	87,473	83,299	3,295	80,004	4,174	4.8	5.0	57,906
May	147,940	89,891	60.8	87,557	83,758	3,467	80,291	3,799	4.3	5.0	58,050
June	148,147	92,729	62.6	90,414	85,567	4,053	81,514	4,847	5.4	4.8	55,417
July	148,361	93,227	62.8	90,917	86,367	4,165	82,201	4,550	5.0	4.7	55,133

¹ Not available.

² Not strictly comparable with prior years due to the introduction of population adjustments in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

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

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
				Not seasonally adjusted		Seasonally adjusted					
MALE											
1947	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962 ¹	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 ¹	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
July	69,900	57,487	82.2	55,143	52,483	3,233	49,250	2,659	4.8	4.7	12,412
1973: January	70,493	54,905	77.9	52,548	49,945	2,524	47,420	2,603	5.0	4.2	15,587
February	70,575	55,261	78.3	52,916	50,203	2,489	47,714	2,713	5.1	4.3	15,313
March	70,684	55,734	78.8	53,421	50,890	2,624	48,267	2,530	4.7	4.3	14,950
April	70,770	55,792	78.8	53,489	51,203	2,752	48,451	2,286	4.3	4.4	14,978
May	70,868	55,809	78.8	53,522	51,470	2,841	48,629	2,052	3.8	4.4	15,059
June	70,963	57,857	81.5	55,593	53,150	3,225	49,925	2,443	4.4	4.1	13,106
July	71,062	58,440	82.2	56,180	53,892	3,229	50,663	2,288	4.1	3.9	12,623
FEMALE											
1947	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1971	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	-	41,952
1972 ¹	75,911	33,320	43.9	33,277	31,072	633	30,429	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
July	75,955	33,517	44.1	32,474	30,960	827	30,133	2,514	7.5	6.9	42,437
1973: January	76,637	33,216	43.3	33,170	31,098	430	30,668	2,072	6.2	6.4	43,421
February	76,738	33,813	44.1	33,767	31,636	468	31,168	2,132	6.3	6.3	42,924
March	76,857	33,952	44.2	33,905	31,923	507	31,416	1,981	5.8	6.1	42,906
April	76,959	34,031	44.2	33,984	32,096	542	31,553	1,888	5.6	6.0	42,928
May	77,073	34,082	44.2	34,035	32,288	626	31,662	1,747	5.1	5.9	42,991
June	77,184	34,872	45.2	34,821	32,417	828	31,588	2,404	6.9	5.9	42,312
July	77,298	34,788	45.0	34,737	32,475	936	31,539	2,262	6.5	5.9	42,510

¹ See footnote 2, table A-1.

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

July 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					
MALE											
16 years and over	58,440	82.2	56,180	53,892	2,288	4.1	12,623	202	822	1,910	9,689
16 to 21 years	9,876	82.2	9,016	7,980	1,036	11.5	2,132	41	472	37	1,582
16 to 19 years	6,406	78.2	6,033	5,199	833	13.8	1,785	33	340	19	1,392
16 and 17 years	2,916	70.0	2,875	2,395	480	16.7	1,250	27	198	12	1,012
18 and 19 years	3,490	86.7	3,158	2,804	353	11.2	535	5	142	8	380
20 to 64 years	50,092	91.9	48,205	46,817	1,388	2.9	4,405	79	481	1,353	2,491
20 to 24 years	8,509	92.0	7,582	7,074	507	6.7	745	9	304	52	381
25 to 54 years	34,620	95.4	33,663	32,934	730	2.2	1,673	38	171	702	762
25 to 29 years	7,394	95.8	7,030	6,744	286	4.1	321	8	117	68	128
30 to 34 years	6,162	97.3	5,924	5,820	104	1.8	170	1	27	61	81
35 to 39 years	5,287	97.1	5,077	4,978	99	2.0	156	7	13	61	75
40 to 44 years	5,290	95.6	5,189	5,121	67	1.3	244	4	9	101	130
45 to 49 years	5,376	94.1	5,345	5,252	93	1.7	338	13	1	175	149
50 to 54 years	5,111	92.0	5,097	5,017	80	1.6	445	7	3	236	199
55 to 64 years	6,963	77.8	6,961	6,810	151	2.2	1,987	32	7	599	1,349
55 to 59 years	4,129	86.0	4,127	4,042	84	2.0	671	11	2	290	369
60 to 64 years	2,834	68.3	2,834	2,767	67	2.4	1,316	22	5	309	980
65 years and over	1,942	23.2	1,942	1,875	67	3.5	6,433	90	--	537	5,806
65 to 69 years	1,083	33.6	1,083	1,029	54	5.0	2,136	21	--	169	1,946
70 years and over	859	16.7	859	846	13	1.6	4,297	69	--	368	3,860
White											
16 years and over	52,241	82.7	50,295	48,553	1,742	3.5	10,948	168	661	1,574	8,544
16 to 21 years	8,636	83.5	7,908	7,137	771	9.7	1,710	34	368	32	1,276
16 to 19 years	5,612	79.8	5,297	4,680	617	11.7	1,424	29	257	18	1,120
16 and 17 years	2,550	71.4	2,514	2,145	369	14.7	1,022	24	153	11	833
18 and 19 years	3,062	88.4	2,783	2,535	248	8.9	402	5	104	7	286
20 to 64 years	44,860	92.4	43,229	42,166	1,064	2.5	3,691	61	404	1,112	2,114
20 to 24 years	7,446	92.5	6,649	6,281	368	5.5	601	4	253	35	309
25 to 54 years	31,026	95.9	30,193	29,629	564	1.9	1,336	34	149	559	594
25 to 34 years	12,074	96.9	11,553	11,255	297	2.6	386	8	129	92	156
35 to 44 years	9,449	96.9	9,179	9,053	125	1.4	299	12	16	126	145
45 to 54 years	9,502	93.6	9,462	9,320	142	1.5	651	15	4	340	292
55 to 64 years	6,389	78.5	6,387	6,255	131	2.1	1,754	23	2	518	1,211
55 to 59 years	3,796	86.7	3,794	3,721	74	1.9	580	9	2	247	322
60 to 64 years	2,592	68.8	2,592	2,535	58	2.2	1,174	14	--	271	889
65 years and over	1,769	23.3	1,769	1,707	61	3.5	5,833	78	--	445	5,310
Negro and other races											
16 years and over	6,199	78.7	5,886	5,339	546	9.3	1,675	34	160	335	1,145
16 to 21 years	1,240	74.6	1,108	843	265	23.9	422	8	104	5	306
16 to 19 years	794	68.8	736	520	216	29.4	361	4	83	2	272
16 and 17 years	366	61.6	361	250	111	30.6	228	3	45	1	179
18 and 19 years	428	76.3	375	269	106	28.2	133	1	38	1	93
20 to 64 years	5,231	87.9	4,976	4,652	324	6.5	714	18	77	241	377
20 to 24 years	1,062	88.1	932	793	139	14.9	144	5	51	17	72
25 to 54 years	3,595	91.5	3,471	3,305	165	4.8	337	4	22	144	168
25 to 34 years	1,482	93.4	1,402	1,309	93	6.6	105	--	15	36	53
35 to 44 years	1,128	91.8	1,087	1,046	41	3.8	101	--	6	37	59
45 to 54 years	985	88.2	981	950	31	3.2	132	5	--	71	56
55 to 64 years	574	71.2	574	554	20	3.4	233	9	5	81	138
55 to 59 years	332	78.5	332	322	11	3.2	91	2	--	42	47
60 to 64 years	242	63.1	242	232	9	3.8	142	8	5	38	91
65 years and over	174	22.4	174	168	6	3.4	600	12	--	92	496

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
 July 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					
FEMALE											
16 years and over	34,788	45.0	34,737	32,475	2,262	6.5	42,510	35,792	900	1,210	4,608
16 to 21 years	7,042	60.1	7,017	6,039	978	13.9	4,684	2,202	620	37	1,825
16 to 19 years	4,604	57.8	4,593	3,855	738	16.1	3,363	1,252	435	15	1,661
16 and 17 years	2,029	50.1	2,029	1,667	362	17.8	2,017	496	225	8	1,288
18 and 19 years	2,575	65.7	2,564	2,187	377	14.7	1,346	756	210	7	372
20 to 64 years	29,126	50.7	29,086	27,590	1,496	5.1	28,340	25,688	465	512	1,675
20 to 24 years	5,758	62.7	5,731	5,163	568	9.9	3,431	2,767	302	45	318
25 to 54 years	19,244	50.5	19,230	18,414	816	4.2	18,869	17,539	158	273	898
25 to 29 years	3,863	49.3	3,856	3,598	258	6.7	3,977	3,724	62	27	165
30 to 34 years	3,000	46.0	2,997	2,850	147	4.9	3,527	3,288	41	24	175
35 to 39 years	2,863	50.4	2,862	2,752	110	3.8	2,819	2,618	24	35	142
40 to 44 years	3,031	51.9	3,029	2,918	111	3.7	2,812	2,643	23	37	110
45 to 49 years	3,271	53.1	3,270	3,166	105	3.2	2,884	2,667	7	60	150
50 to 54 years	3,217	53.0	3,216	3,131	85	2.6	2,850	2,600	2	91	157
55 to 64 years	4,124	40.6	4,124	4,012	112	2.7	6,040	5,381	4	195	459
55 to 59 years	2,525	47.3	2,525	2,452	73	2.9	2,815	2,556	4	95	161
60 to 64 years	1,599	33.1	1,599	1,560	39	2.4	3,225	2,826	1	100	299
65 years and over	1,058	8.9	1,058	1,030	28	2.6	10,807	8,852	--	683	1,272
65 to 69 years	648	16.2	648	633	15	2.3	3,358	2,901	--	93	364
70 years and over	410	5.2	410	397	13	3.2	7,449	5,951	1	590	908
White											
16 years and over	30,089	44.1	30,045	28,355	1,690	5.6	38,070	32,397	682	936	4,056
16 to 21 years	6,149	61.4	6,128	5,423	705	11.5	3,870	1,819	473	29	1,548
16 to 19 years	4,007	59.0	3,997	3,467	530	13.3	2,783	1,028	336	14	1,405
16 and 17 years	1,755	51.0	1,755	1,485	271	15.4	1,687	411	170	8	1,098
18 and 19 years	2,251	67.3	2,242	1,983	259	11.6	1,096	617	166	6	307
20 to 64 years	25,148	49.8	25,113	23,972	1,142	4.5	25,372	23,150	345	372	1,505
20 to 24 years	4,983	63.1	4,960	4,561	399	8.1	2,920	2,381	229	33	277
25 to 54 years	16,480	49.3	16,468	15,821	647	3.9	16,935	15,821	112	195	806
25 to 29 years	5,721	45.8	5,712	5,409	303	5.3	6,783	6,385	72	37	289
30 to 34 years	5,012	50.0	5,009	4,830	179	3.6	5,010	4,701	31	46	231
35 to 44 years	5,747	52.8	5,746	5,582	164	2.9	5,142	4,734	9	112	286
55 to 64 years	3,686	40.0	3,686	3,589	96	2.6	5,518	4,949	4	144	421
55 to 59 years	2,259	46.7	2,259	2,196	63	2.8	2,576	2,360	4	68	144
60 to 64 years	1,426	32.7	1,426	1,394	33	2.3	2,942	2,588	--	76	277
65 years and over	935	8.6	935	916	18	2.0	9,915	8,218	1	550	1,146
Negro and other races											
16 years and over	4,698	51.4	4,692	4,120	572	12.2	4,440	3,396	219	274	552
16 to 21 years	893	52.3	889	616	273	30.7	814	383	147	8	277
16 to 19 years	597	50.7	596	387	208	35.0	580	224	100	1	255
16 and 17 years	274	45.3	274	183	91	33.3	331	86	55	--	190
18 and 19 years	324	56.4	322	205	117	36.4	250	139	45	1	65
20 to 64 years	3,978	57.3	3,973	3,618	353	8.9	2,968	2,538	119	140	170
20 to 24 years	775	60.3	771	603	168	21.8	511	386	73	12	40
25 to 54 years	2,765	58.9	2,764	2,594	169	6.1	1,934	1,719	46	77	92
25 to 29 years	1,142	61.3	1,141	1,039	102	8.9	721	627	30	14	50
30 to 34 years	882	58.7	882	840	42	4.8	621	560	15	25	20
35 to 44 years	741	55.6	741	715	26	3.5	592	532	--	38	21
55 to 64 years	438	45.6	438	422	16	3.6	522	433	--	51	39
55 to 59 years	265	52.6	265	256	10	3.6	239	195	--	28	17
60 to 64 years	173	37.9	173	167	6	3.5	283	237	--	24	22
65 years and over	123	12.1	123	114	10	7.9	892	634	--	133	126

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
MALE								
16 years and over	57,487	58,440	82.2	82.2	55,143	56,180	81.6	81.7
16 to 19 years	6,047	6,406	75.5	78.2	5,720	6,033	74.5	77.2
16 and 17 years	2,715	2,916	66.3	70.0	2,685	2,875	66.0	69.7
18 and 19 years	3,332	3,490	85.2	86.7	3,035	3,158	83.9	85.5
20 to 24 years	8,254	8,509	91.1	92.0	7,208	7,582	89.9	91.1
25 to 54 years	34,044	34,620	95.5	95.4	33,075	33,663	95.3	95.3
25 to 34 years	12,894	13,556	96.2	96.5	12,292	12,955	96.0	96.4
35 to 44 years	10,665	10,577	96.7	96.4	10,348	10,266	96.6	96.3
45 to 54 years	10,486	10,487	93.3	93.1	10,436	10,443	93.3	93.0
55 to 64 years	7,102	6,963	80.1	77.8	7,099	6,961	80.0	77.8
55 to 59 years	4,172	4,129	87.4	86.0	4,170	4,127	87.4	86.0
60 to 64 years	2,930	2,834	71.5	68.3	2,930	2,834	71.5	68.3
65 years and over	2,039	1,942	24.6	23.2	2,039	1,942	24.6	23.2
White								
16 years and over	51,567	52,241	82.7	82.7	49,511	50,295	82.1	82.1
16 to 19 years	5,306	5,612	76.9	79.8	5,021	5,297	75.9	78.8
16 and 17 years	2,376	2,550	67.5	71.4	2,348	2,514	67.3	71.1
18 and 19 years	2,930	3,062	86.6	88.4	2,673	2,783	85.5	87.4
20 to 24 years	7,277	7,446	91.6	92.5	6,354	6,649	90.5	91.7
25 to 54 years	30,613	31,026	95.9	95.9	29,768	30,193	95.8	95.8
25 to 34 years	11,540	12,074	96.5	96.9	11,016	11,553	96.4	96.8
35 to 44 years	9,547	9,449	97.2	96.9	9,271	9,179	97.1	96.8
45 to 54 years	9,526	9,502	94.0	93.6	9,480	9,462	94.0	93.6
55 to 64 years	6,509	6,389	80.6	78.5	6,506	6,387	80.6	78.4
55 to 59 years	3,818	3,796	87.8	86.7	3,816	3,794	87.8	86.7
60 to 64 years	2,690	2,592	72.3	68.8	2,690	2,592	72.3	68.8
65 years and over	1,862	1,769	24.7	23.3	1,862	1,769	24.7	23.3
Negro and other races								
16 years and over	5,920	6,199	78.5	78.7	5,631	5,886	77.7	77.9
16 to 19 years	741	794	67.0	68.8	699	736	65.7	67.1
16 and 17 years	339	366	58.8	61.6	336	361	58.6	61.3
18 and 19 years	402	428	75.9	76.3	363	375	74.0	73.9
20 to 24 years	977	1,062	87.5	88.1	854	932	86.0	86.6
25 to 54 years	3,431	3,595	91.5	91.5	3,307	3,471	91.2	91.2
25 to 34 years	1,354	1,482	93.6	93.4	1,275	1,402	93.3	93.0
35 to 44 years	1,118	1,128	92.8	91.8	1,077	1,087	92.6	91.5
45 to 54 years	960	985	87.3	88.2	956	981	87.3	88.2
55 to 64 years	594	574	74.1	71.2	594	574	74.1	71.2
55 to 59 years	354	332	83.6	78.5	354	332	83.6	78.5
60 to 64 years	240	242	63.4	63.1	240	242	63.4	63.1
65 years and over	177	174	23.1	22.4	177	174	23.1	22.4

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
FEMALE								
16 years and over	33,517	34,788	44.1	45.0	33,474	34,737	44.1	45.0
16 to 19 years	4,466	4,604	57.3	57.8	4,457	4,593	57.3	57.7
16 and 17 years	1,936	2,029	48.7	50.1	1,936	2,029	48.7	50.1
18 and 19 years	2,530	2,575	66.3	65.7	2,521	2,564	66.2	65.6
20 to 24 years	5,448	5,758	60.4	62.7	5,426	5,731	60.3	62.6
25 to 54 years	18,389	19,244	49.0	50.5	18,377	19,230	49.0	50.5
25 to 34 years	6,273	6,863	45.6	47.8	6,266	6,853	45.6	47.7
35 to 44 years	5,738	5,894	49.5	51.1	5,735	5,891	49.5	51.1
45 to 54 years	6,378	6,488	52.4	53.1	6,377	6,486	52.4	53.1
55 to 64 years	4,148	4,124	41.4	40.6	4,148	4,124	41.4	40.6
55 to 59 years	2,531	2,525	47.9	47.3	2,531	2,525	47.9	47.3
60 to 64 years	1,617	1,599	34.1	33.1	1,617	1,599	34.1	33.1
65 years and over	1,067	1,058	9.2	8.9	1,067	1,058	9.2	8.9
White								
16 years and over	29,127	30,089	43.3	44.1	29,089	30,045	43.3	44.1
16 to 19 years	3,924	4,007	58.9	59.0	3,917	3,997	58.8	59.0
16 and 17 years	1,717	1,755	50.7	51.0	1,717	1,755	50.7	51.0
18 and 19 years	2,207	2,251	67.4	67.3	2,199	2,242	67.3	67.2
20 to 24 years	4,735	4,983	60.6	63.1	4,716	4,960	60.5	62.9
25 to 54 years	15,773	16,480	47.8	49.3	15,761	16,468	47.8	49.3
25 to 34 years	5,244	5,721	43.6	45.8	5,237	5,712	43.6	45.7
35 to 44 years	4,855	5,012	48.0	50.0	4,852	5,009	48.0	50.0
45 to 54 years	5,674	5,747	52.2	52.8	5,673	5,746	52.2	52.8
55 to 64 years	3,741	3,686	41.1	40.0	3,741	3,686	41.1	40.0
55 to 59 years	2,292	2,259	47.8	46.7	2,292	2,259	47.8	46.7
60 to 64 years	1,449	1,426	33.7	32.7	1,449	1,426	33.7	32.7
65 years and over	954	935	9.0	8.6	954	935	9.0	8.6
Negro and other races								
16 years and over	4,391	4,698	50.2	51.4	4,386	4,692	50.2	51.4
16 to 19 years	541	597	48.2	50.7	540	596	48.1	50.7
16 and 17 years	219	274	37.5	45.3	219	274	37.5	45.3
18 and 19 years	323	324	59.8	56.4	322	322	59.7	56.3
20 to 24 years	713	775	59.1	60.3	710	771	59.0	60.1
25 to 54 years	2,617	2,765	58.2	58.9	2,616	2,764	58.2	58.8
25 to 34 years	1,030	1,142	59.7	61.3	1,029	1,141	59.7	61.3
35 to 44 years	883	882	59.9	58.7	883	882	59.8	58.7
45 to 54 years	704	741	54.4	55.6	704	741	54.4	55.6
55 to 64 years	407	438	43.5	45.6	407	438	43.5	45.6
55 to 59 years	239	265	48.3	52.6	239	265	48.3	52.6
60 to 64 years	168	173	38.1	37.9	168	173	38.1	37.9
65 years and over	112	123	11.4	12.1	112	123	11.4	12.1

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
 July 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	23,734	12,008	11,726	20,364	10,346	10,019	3,369	1,662	1,707
Total labor force	16,918	9,876	7,042	14,785	8,636	6,149	2,133	1,240	893
Percent of population	71.3	82.2	60.1	72.6	83.5	61.4	63.3	74.6	52.3
Civilian labor force	16,033	9,016	7,017	14,036	7,908	6,128	1,997	1,108	889
Employed	14,019	7,980	6,039	12,560	7,137	5,423	1,459	843	616
Agriculture	894	717	176	779	639	140	115	78	36
Nonagricultural industries	13,125	7,263	5,863	11,782	6,498	5,283	1,344	764	579
Unemployed	2,014	1,036	978	1,476	771	705	539	265	273
Percent of labor force	12.6	11.5	13.9	10.5	9.7	11.5	27.0	23.9	30.7
Looking for full-time work	1,506	785	721	1,092	583	509	415	203	212
Looking for part-time work	508	251	257	384	188	196	124	63	61
Not in labor force	6,816	2,132	4,684	5,579	1,710	3,870	1,237	422	814
Major activity: going to school									
Civilian labor force	235	73	162	180	51	129	55	22	33
Employed	152	40	111	131	33	97	21	7	14
Agriculture	--	--	--	--	--	--	2	2	--
Nonagricultural industries	159	45	114	140	40	99	19	5	14
Unemployed	83	33	50	49	18	32	34	15	19
Percent of labor force	35.4	(1)	31.2	27.5	(1)	24.5	(1)	(1)	(1)
Looking for full-time work	33	12	22	19	4	15	14	7	7
Looking for part-time work	50	21	29	30	13	17	19	7	12
Not in labor force	1,091	472	620	841	368	473	250	104	147
Major activity: other									
Civilian labor force	15,799	8,943	6,855	13,856	7,857	5,999	1,943	1,086	857
Employed	13,867	7,940	5,928	12,430	7,104	5,326	1,438	836	602
Agriculture	901	722	179	788	646	142	113	76	37
Nonagricultural industries	12,966	7,217	5,749	11,642	6,458	5,184	1,325	760	565
Unemployed	1,931	1,004	928	1,426	753	673	505	251	255
Percent of labor force	12.2	11.2	13.5	10.3	9.3	11.2	26.0	23.1	29.7
Looking for full-time work	1,473	774	700	1,073	578	494	401	195	205
Looking for part-time work	458	230	228	354	175	179	105	55	49
Not in labor force	5,725	1,660	4,064	4,738	1,342	3,397	986	318	668

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

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
	Total							
Total noninstitutional population	145,854	148,361	61,891	62,872	68,165	69,331	15,798	16,158
Total labor force	91,005	93,227	51,440	52,034	29,052	30,184	10,513	11,010
Percent of population	62.4	62.8	83.1	82.8	42.6	43.5	66.5	68.1
Civilian labor force	88,617	90,917	49,422	50,147	29,018	30,144	10,177	10,626
Employed	83,443	86,367	47,574	48,692	27,317	28,620	8,553	9,054
Agriculture	4,061	4,165	2,660	2,664	703	781	698	720
Nonagricultural industries	79,383	82,201	44,914	46,029	26,614	27,839	7,855	8,334
Unemployed	5,173	4,550	1,848	1,455	1,701	1,524	1,624	1,572
Percent of labor force	5.8	5.0	3.7	2.9	5.9	5.1	16.0	14.8
Not in labor force	54,850	55,133	10,451	10,838	39,113	39,147	5,285	5,148
White								
Total noninstitutional population	129,572	131,348	55,458	56,154	60,545	61,370	13,568	13,825
Total labor force	80,694	82,330	46,261	46,629	25,202	26,083	9,230	9,618
Percent of population	62.3	62.7	83.4	83.0	41.6	42.5	68.0	69.6
Civilian labor force	78,600	80,340	44,491	44,998	25,172	26,048	8,937	9,294
Employed	74,548	76,907	43,030	43,873	23,818	24,888	7,700	8,147
Agriculture	3,643	3,717	2,391	2,406	630	691	621	620
Nonagricultural industries	70,905	73,190	40,639	41,466	23,188	24,197	7,079	7,527
Unemployed	4,053	3,432	1,461	1,125	1,355	1,160	1,237	1,147
Percent of labor force	5.2	4.3	3.3	2.5	5.4	4.5	13.8	12.3
Not in labor force	48,878	49,018	9,197	9,524	35,343	35,287	4,338	4,207
Negro and other races								
Total noninstitutional population	16,283	17,012	6,433	6,718	7,620	7,961	2,230	2,333
Total labor force	10,311	10,897	5,179	5,405	3,850	4,101	1,283	1,392
Percent of population	63.3	64.1	80.5	80.4	50.5	51.5	57.5	59.7
Civilian labor force	10,017	10,577	4,932	5,150	3,845	4,096	1,239	1,332
Employed	8,896	9,459	4,545	4,820	3,499	3,732	853	907
Agriculture	418	448	269	257	73	91	77	100
Nonagricultural industries	8,478	9,011	4,276	4,562	3,426	3,642	776	807
Unemployed	1,121	1,118	387	330	347	363	387	424
Percent of labor force	11.2	10.6	7.9	6.4	9.0	8.9	31.2	31.9
Not in labor force	5,972	6,115	1,254	1,314	3,770	3,860	947	941

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

July 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 ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
Total, 16 years and over	80,306	73,326	3,332	3,649	4.5	10,610	9,709	901	8.5
16 to 21 years	13,056	9,992	1,558	1,506	11.5	2,977	2,469	508	17.1
16 to 19 years	8,224	5,783	1,311	1,131	13.7	2,402	1,961	441	18.4
16 to 17 years	3,268	1,948	808	512	15.7	1,635	1,306	330	20.2
18 to 19 years	4,955	3,834	502	619	12.5	766	655	111	14.5
20 years and over	72,082	67,543	2,021	2,518	3.5	8,209	7,748	460	5.6
20 to 24 years	12,134	10,677	505	952	7.8	1,179	1,056	123	10.5
25 years and over	59,948	56,866	1,517	1,566	2.6	7,029	6,693	338	4.8
25 to 54 years	48,434	45,982	1,135	1,318	2.7	4,460	4,233	228	5.1
55 years and over	11,515	10,884	382	248	2.2	2,570	2,460	110	4.3
Males, 16 years and over	52,862	49,187	1,758	1,918	3.6	3,318	2,947	371	11.2
16 to 21 years	7,700	6,046	868	785	10.2	1,317	1,066	251	19.1
16 to 19 years	4,920	3,580	732	608	12.4	1,113	887	226	20.3
20 years and over	47,943	45,607	1,025	1,310	2.7	2,205	2,060	145	6.6
20 to 24 years	7,176	6,434	270	472	6.6	406	371	35	8.6
25 years and over	40,766	39,173	755	838	2.1	1,800	1,689	111	6.2
25 to 54 years	33,037	31,795	569	673	2.0	626	569	57	9.1
55 years and over	7,729	7,378	186	165	2.1	1,174	1,120	54	4.6
Females, 16 years and over	27,444	24,139	1,574	1,731	6.3	7,292	6,762	531	7.3
16 to 21 years	5,357	3,946	690	721	13.5	1,660	1,403	257	15.5
16 to 19 years	3,304	2,203	578	523	15.8	1,289	1,073	215	16.7
20 years and over	24,140	21,936	996	1,208	5.0	6,004	5,688	315	5.3
20 to 24 years	4,958	4,244	235	479	9.7	773	685	88	11.4
25 years and over	19,182	17,692	762	729	3.8	5,231	5,004	227	4.3
25 to 54 years	15,396	14,186	565	645	4.2	3,835	3,664	171	4.5
55 years and over	3,786	3,505	196	84	2.2	1,396	1,340	56	4.0
WHITE									
Males, 16 years and over	47,364	44,485	1,423	1,456	3.1	2,931	2,645	286	9.8
16 to 21 years	6,770	5,481	707	583	8.6	1,138	949	188	16.6
16 to 19 years	4,347	3,303	595	449	10.3	950	782	168	17.7
20 years and over	43,017	41,182	827	1,007	2.3	1,981	1,863	118	5.9
20 to 24 years	6,284	5,735	210	339	5.4	365	337	29	7.9
25 years and over	36,732	35,447	617	668	1.8	1,615	1,527	89	5.5
25 to 54 years	29,633	28,651	460	520	1.8	560	517	43	7.7
55 years and over	7,099	6,796	157	147	2.1	1,055	1,010	46	4.4
Females, 16 years and over	23,602	21,031	1,293	1,277	5.4	6,443	6,030	413	6.4
16 to 21 years	4,657	3,544	604	509	10.9	1,470	1,275	196	13.3
16 to 19 years	2,849	1,980	502	367	12.9	1,148	986	163	14.2
20 years and over	20,753	19,052	791	910	4.4	5,295	5,045	250	4.7
20 to 24 years	4,268	3,728	205	334	7.8	693	627	66	9.5
25 years and over	16,485	15,323	586	576	3.5	4,603	4,417	184	4.0
25 to 54 years	13,030	12,093	435	501	3.8	3,438	3,292	145	4.2
55 years and over	3,455	3,230	151	75	2.2	1,165	1,125	39	3.3
NEGRO AND OTHER RACES									
Males, 16 years and over	5,499	4,702	335	462	8.4	387	302	85	21.9
16 to 21 years	929	565	161	203	21.8	179	116	63	35.0
16 to 19 years	573	277	137	159	27.7	163	106	57	35.2
20 years and over	4,926	4,425	198	303	6.2	224	197	27	12.1
20 to 24 years	892	699	60	133	14.9	40	34	6	(2)
25 years and over	4,034	3,727	138	170	4.2	184	163	21	11.4
25 to 54 years	3,405	3,144	109	151	4.4	66	52	14	(2)
55 years and over	629	583	28	18	2.9	118	111	7	5.9
Females, 16 years and over	3,843	3,107	281	454	11.8	849	731	118	13.8
16 to 21 years	699	402	85	212	30.3	190	129	61	32.3
16 to 19 years	456	223	76	156	34.2	140	88	53	37.4
20 years and over	3,387	2,884	205	298	8.8	709	644	65	9.2
20 to 24 years	690	515	29	146	21.1	81	58	23	28.2
25 years and over	2,697	2,370	175	153	5.7	628	586	42	6.7
25 to 54 years	2,366	2,093	129	144	6.1	397	371	26	6.5
55 years and over	330	276	45	9	2.7	231	215	17	7.4

1

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

2

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	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
Total, 16 years and over	2,659	2,288	4.8	4.1	2,514	2,262	7.5	6.5
16 to 19 years	811	833	14.2	13.8	813	738	18.2	16.1
16 and 17 years	413	480	15.4	16.7	420	362	21.7	17.8
18 and 19 years	398	353	13.1	11.2	393	377	15.6	14.7
20 years and over	1,848	1,455	3.7	2.9	1,701	1,524	5.9	5.1
20 to 24 years	651	507	9.0	6.7	567	568	10.4	9.9
25 years and over	1,198	948	2.8	2.2	1,135	956	4.8	3.9
25 to 34 years	410	390	3.3	3.0	419	405	6.7	5.9
35 to 44 years	269	166	2.6	1.6	298	221	5.2	3.7
45 to 54 years	271	173	2.6	1.7	215	190	3.4	2.9
55 to 64 years	194	151	2.7	2.2	154	112	3.7	2.7
55 to 59 years	115	84	2.8	2.0	100	73	4.0	2.9
60 to 64 years	78	67	2.7	2.4	54	39	3.3	2.4
65 years and over	53	67	2.6	3.5	48	28	4.5	2.6
Household head, 16 years and over	1,194	929	2.8	2.1	406	413	5.7	5.6
16 to 24 years	214	158	5.5	3.7	87	94	10.7	10.5
25 to 54 years	747	562	2.4	1.8	221	250	5.5	5.9
55 years and over	232	210	2.6	2.4	98	68	4.4	3.1

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
Total, 16 years and over	2,659	2,288	4.8	4.1	2,514	2,262	7.5	6.5
Married, spouse present	979	747	2.5	1.9	1,067	924	5.8	4.8
Widowed, divorced, or separated	235	145	7.6	4.5	402	362	6.5	5.8
Single (never married)	1,445	1,396	11.6	10.8	1,045	977	11.7	10.5
Total, 20 to 64 years of age	1,795	1,388	3.8	2.9	1,653	1,496	5.9	5.1
Married, spouse present	909	676	2.4	1.8	969	821	5.5	4.4
Widowed, divorced, or separated	221	132	7.9	4.5	343	333	6.3	6.0
Single (never married)	665	579	9.6	8.1	341	342	7.1	6.8
White, 16 years and over	2,095	1,742	4.2	3.5	1,958	1,690	6.7	5.6
Married, spouse present	815	609	2.3	1.7	905	781	5.5	4.5
Widowed, divorced, or separated	172	106	7.0	4.1	308	242	6.2	4.9
Single (never married)	1,108	1,027	10.2	9.1	745	668	9.7	8.4
White, 20 to 64 years of age	1,411	1,064	3.3	2.5	1,308	1,142	5.4	4.5
Married, spouse present	758	544	2.2	1.6	813	697	5.1	4.2
Widowed, divorced, or separated	160	94	7.2	4.1	259	226	5.9	5.2
Single (never married)	493	425	8.2	6.9	235	218	5.8	5.1
Negro and other races, 16 years and over	564	546	10.0	9.3	556	572	12.7	12.2
Married, spouse present	165	138	4.8	3.9	162	143	8.3	6.9
Widowed, divorced, or separated	63	39	10.1	5.9	94	120	8.0	9.4
Single (never married)	337	368	21.4	21.7	300	309	24.0	23.2
Negro and other races, 20 to 64 years of age	384	324	8.1	6.5	346	353	9.3	8.9
Married, spouse present	151	132	4.6	3.9	157	124	8.2	6.2
Widowed, divorced, or separated	61	39	10.7	6.4	84	106	7.7	8.9
Single (never married)	172	154	19.4	15.8	106	123	14.3	15.7

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
TOTAL	5,173	4,550	5.8	5.0	4.8	4.1	7.5	6.5
White-collar workers	1,418	1,225	3.5	3.0	2.3	1.8	4.8	4.2
Professional and technical	335	263	3.0	2.3	2.5	1.7	3.8	3.3
Managers and administrators, except farm	150	132	1.8	1.5	1.5	1.2	3.0	2.8
Sales workers	240	208	4.3	3.7	2.9	2.7	6.1	5.0
Clerical workers	693	621	4.6	4.1	2.9	2.7	5.1	4.5
Blue-collar workers	1,904	1,598	6.0	4.8	5.4	4.3	9.2	7.6
Craftsmen and kindred workers	385	384	3.4	3.1	3.3	2.9	5.3	8.7
Carpenters and other construction craftsmen	181	206	4.8	5.1	4.8	5.0	(1)	(1)
All other	204	178	2.7	2.2	2.5	1.8	5.4	8.1
Operatives, except transport	943	703	8.3	5.9	7.2	4.8	10.0	7.5
Transport equipment operatives	122	123	3.7	3.6	3.7	3.5	3.7	5.7
Nonfarm laborers	453	388	8.2	7.1	8.4	7.0	5.0	7.6
Construction laborers	155	133	12.4	10.6	12.4	10.5	(1)	(1)
All other	298	255	7.0	6.0	7.2	5.9	4.9	6.9
Service workers	815	693	6.8	5.8	6.3	4.9	7.1	6.3
Private household	57	49	3.9	3.6	(1)	--	3.8	3.7
All other	758	644	7.2	6.1	6.3	5.0	7.9	6.8
Farmers and farm laborers	75	62	2.1	1.7	2.0	1.6	2.2	1.9
No previous work experience	962	972	--	--	--	--	--	--
16 to 19 years	815	764	--	--	--	--	--	--
20 to 24 years	87	138	--	--	--	--	--	--
25 years and over	60	69	--	--	--	--	--	--

¹ 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	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
Total	100.0	100.0	5.8	5.0	4.8	4.1	7.5	6.5
Nonagricultural private wage and salary workers	70.0	66.2	5.6	4.6	4.9	3.8	6.8	5.9
Mining .....	.4	.2	3.3	1.3	2.8	1.5	(1)	--
Construction	6.8	7.5	7.6	6.8	7.9	6.8	2.3	7.9
Manufacturing	23.3	18.4	5.8	3.8	4.7	2.9	8.4	6.1
Durable goods	13.8	9.7	5.9	3.4	5.3	3.0	8.6	4.8
Primary metal industries	1.2	.8	4.5	2.6	4.2	2.2	7.3	7.1
Fabricated metal products	1.6	1.2	5.9	3.6	4.8	2.6	10.9	8.0
Machinery	1.7	1.5	4.3	3.2	3.8	2.9	7.7	4.6
Electrical equipment	2.1	1.5	5.4	2.8	4.1	2.5	7.7	3.3
Motor vehicles and equipment	2.3	.9	10.6	3.2	11.0	3.2	7.2	3.4
All other transportation equipment	1.2	1.3	6.5	5.5	5.5	5.1	12.6	7.8
Other durable goods industries	3.7	2.5	6.1	3.7	5.1	3.2	8.7	5.3
Nondurable goods	9.5	8.7	5.6	4.5	3.8	2.7	8.2	7.2
Food and kindred products	2.9	2.2	7.8	5.3	5.0	2.9	14.6	11.0
Textile mill products .....	.7	.9	3.7	4.2	2.0	2.3	5.7	6.5
Apparel and other finished textile products	1.7	1.9	5.9	6.1	1.9	4.1	7.0	6.6
Other nondurable goods industries	4.2	3.7	4.9	3.7	3.8	2.6	7.5	6.3
Transportation and public utilities	3.3	2.6	3.5	2.5	2.9	2.3	5.5	3.0
Railroads and railway express .....	.2	.1	1.6	1.0	1.5	.8	(1)	(1)
Other transportation	1.9	1.8	4.3	3.7	4.0	3.5	6.0	4.6
Communication and other public utilities	1.3	.7	3.3	1.6	2.1	1.4	5.6	2.1
Wholesale and retail trade	20.3	21.1	6.6	6.1	5.1	4.7	8.5	7.8
Finance, insurance, and real estate	2.7	2.9	3.2	3.0	2.9	2.3	3.6	3.5
Service industries	13.2	13.4	5.2	4.5	4.9	3.8	5.4	5.0
Professional services	5.1	5.8	4.0	3.8	3.0	3.1	4.5	4.2
All other service industries	8.1	7.7	6.4	5.2	6.2	4.3	6.5	6.0
Agricultural wage and salary workers	1.7	1.6	5.3	4.3	5.1	4.2	5.9	4.4
All other classes of workers	9.7	10.9	2.3	2.2	1.8	1.7	3.2	3.0
No previous work experience	18.6	21.4	--	--	--	--	--	--

¹ 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	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
Unemployment level												
Total unemployed, in thousands	5,173	4,550	1,848	1,455	1,701	1,524	1,624	1,572	4,053	3,432	1,121	1,118
Lost last job	2,022	1,500	1,108	760	670	530	244	209	1,614	1,179	408	321
Left last job	663	692	220	237	294	277	149	178	554	570	109	122
Reentered labor force	1,532	1,389	464	366	646	601	422	422	1,157	1,008	376	381
Never worked before	956	969	56	92	91	115	808	762	727	675	229	294
Total unemployed, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	39.1	33.0	60.0	52.2	39.4	34.8	15.0	13.3	39.8	34.4	36.4	28.7
Left last job	12.8	15.2	11.9	16.3	17.3	18.2	9.2	11.3	13.7	16.6	9.7	10.9
Reentered labor force	29.6	30.5	25.1	25.2	38.0	39.4	26.0	26.9	28.5	29.4	33.5	34.1
Never worked before	18.5	21.3	3.1	6.3	5.4	7.6	49.8	48.5	17.9	19.7	20.4	26.3
Unemployment rate												
Total unemployment rate	5.8	5.0	3.7	2.9	5.9	5.1	16.0	14.8	5.2	4.3	11.2	10.6
Job-loser rate ¹	2.3	1.6	2.2	1.6	2.4	1.8	2.4	1.9	2.0	1.5	4.1	3.0
Job-leaver rate ¹ . . . . .	.7	.8	.4	.5	1.0	.9	1.5	1.7	.7	.7	1.1	1.1
Reentrant rate ¹	1.7	1.5	.9	.7	2.2	2.0	4.1	4.0	1.5	1.3	3.7	3.6
New entrant rate ¹	1.1	1.1	.1	.2	.3	.4	7.9	7.2	.9	.8	2.3	2.8

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

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

July 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	4,550	100.0	51.6	33.5	14.9	8.4	6.5
Lost last job	1,500	100.0	43.2	32.2	24.6	14.9	9.7
Left last job	692	100.0	58.3	26.4	15.9	8.9	6.3
Reentered labor force	1,389	100.0	55.5	34.6	9.8	4.8	5.0
Never worked before	969	100.0	54.4	38.9	6.7	3.1	3.6
Male, 20 years and over	1,455	100.0	44.0	32.8	23.1	11.8	11.3
Lost last job	760	100.0	42.0	30.7	27.3	14.9	12.4
Left last job	237	100.0	52.1	29.4	18.5	10.5	8.0
Reentered labor force	366	100.0	46.3	34.8	18.9	8.2	10.7
Never worked before	92	100.0	30.4	52.2	17.4	3.3	14.1
Female, 20 years and over	1,542	100.0	53.3	29.7	16.9	10.3	6.6
Lost last job	530	100.0	39.6	32.6	27.8	18.7	9.1
Left last job	277	100.0	54.9	27.4	17.6	10.1	7.6
Reentered labor force	601	100.0	62.5	29.0	8.5	4.0	4.5
Never worked before	115	100.0	64.3	26.1	9.5	5.2	4.3
Both sexes, 16 to 19 years	1,572	100.0	57.1	37.5	5.3	3.5	1.8
Lost last job	209	100.0	56.5	35.9	7.6	5.7	1.9
Left last job	178	100.0	71.5	21.2	7.2	5.0	2.2
Reentered labor force	422	100.0	53.4	42.6	4.0	3.1	.9
Never worked before	762	100.0	55.8	39.2	5.0	2.8	2.2

A-14: Unemployed jobseekers by the jobsearch methods used, sex, age, and color

July 1973

Sex, age, and color	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total	4,550	4,046	25.7	7.1	70.6	24.6	14.5	5.6	1.48
16 to 19 years	1,572	1,479	21.7	4.1	75.2	21.4	15.4	2.6	1.40
20 to 24 years	1,075	976	26.2	7.1	69.7	28.5	14.4	4.7	1.51
25 to 34 years	795	685	28.6	10.4	72.0	25.5	13.7	5.1	1.55
35 to 44 years	387	321	34.6	9.3	64.8	24.6	9.7	6.5	1.50
45 to 54 years	363	296	28.0	11.1	67.6	23.6	14.9	12.5	1.58
55 to 64 years	263	210	27.1	11.0	58.1	30.5	15.2	14.3	1.56
65 years and over	95	80	18.8	2.5	47.5	17.5	17.5	21.3	1.25
Males	2,288	2,018	27.1	7.2	71.7	24.0	16.1	7.2	1.53
16 to 19 years	833	787	19.9	3.9	81.1	22.2	17.4	2.5	1.47
20 to 24 years	507	451	29.9	8.2	70.3	24.2	20.2	5.1	1.58
25 to 34 years	390	327	31.5	9.8	72.8	25.4	15.6	5.8	1.61
35 to 44 years	166	137	44.5	12.4	57.7	26.3	6.6	11.7	1.59
45 to 54 years	173	140	35.0	10.0	59.3	25.0	14.3	22.1	1.66
55 to 64 years	151	118	26.3	11.0	55.9	27.1	6.8	22.0	1.49
65 years and over	67	57	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females	2,262	2,028	24.3	7.1	69.4	25.2	12.8	3.9	1.43
16 to 19 years	738	692	23.6	4.0	68.5	20.7	13.2	2.9	1.33
20 to 24 years	568	525	23.0	6.1	69.1	32.0	9.7	4.6	1.45
25 to 34 years	405	358	26.0	10.9	71.2	25.4	12.0	4.7	1.50
35 to 44 years	221	184	27.2	7.1	70.1	23.4	11.4	3.3	1.43
45 to 54 years	190	156	21.8	12.2	75.6	22.4	16.0	3.8	1.52
55 to 64 years	112	91	28.6	12.1	61.5	34.1	26.4	4.4	1.67
65 years and over	28	22	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White: Total	3,432	2,988	22.7	7.5	70.7	27.0	14.3	5.8	1.48
Males	1,742	1,522	23.9	7.0	70.5	26.5	15.7	8.0	1.52
Females	1,690	1,467	21.4	8.0	71.0	27.5	12.7	3.6	1.44
Negro and other races: Total	1,118	1,058	34.0	6.0	70.0	17.9	15.0	5.0	1.48
Males	546	496	36.7	7.7	75.4	16.3	17.4	5.2	1.59
Females	572	562	31.7	4.4	65.3	19.2	13.0	4.8	1.38

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

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

A-15: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

July 1973

Sex and reason	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	4,550	4,046	25.7	7.1	70.6	24.6	14.5	5.6	1.48
Lost last job	1,500	1,129	34.0	9.0	68.2	27.2	15.8	9.3	1.64
Left last job	692	675	25.6	11.0	73.2	31.4	13.5	3.4	1.58
Reentered labor force	1,389	1,299	22.1	5.9	69.7	22.0	12.9	5.4	1.38
Never worked before	969	943	20.6	3.9	72.6	20.5	15.6	3.1	1.36
Males, 16 years and over	2,288	2,018	27.1	7.2	71.7	24.0	16.1	7.2	1.53
Lost last job	901	696	32.6	8.2	69.5	25.3	14.5	11.8	1.62
Left last job	329	319	25.4	11.0	79.6	34.2	12.2	2.2	1.65
Reentered labor force	593	550	27.3	7.1	66.5	19.6	17.8	7.3	1.46
Never worked before	466	452	19.5	3.3	75.9	20.4	19.2	3.8	1.42
Females, 16 years and over	2,262	2,028	24.3	7.1	69.4	25.2	12.8	3.9	1.43
Lost last job	599	433	36.3	10.4	66.1	30.3	18.0	5.3	1.66
Left last job	363	356	26.1	11.0	67.7	28.7	14.3	4.5	1.52
Reentered labor force	796	750	18.3	4.9	71.9	23.7	9.5	4.0	1.32
Never worked before	503	490	21.6	4.5	69.8	20.6	12.2	2.4	1.31

NOTE: See note, table A-14.

A-16: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
Total	5,173	4,550	100.0	100.0	1,600	1,342	100.0	100.0
Less than 5 weeks	2,347	2,350	45.4	51.6	649	638	40.5	47.5
5 to 14 weeks	1,785	1,521	34.5	33.5	470	399	29.4	29.7
5 to 10 weeks	1,514	1,249	29.3	27.5	353	310	22.0	23.1
11 to 14 weeks	271	273	5.2	6.0	117	89	7.3	6.6
15 weeks and over	1,041	678	20.1	14.9	482	305	30.1	22.7
15 to 26 weeks	486	383	9.4	8.4	204	168	12.7	12.5
27 weeks and over	555	295	10.7	6.5	278	137	17.4	10.2
Average (mean) duration	11.1	9.0	--	--	14.6	11.8	--	--

A-17: Unemployed persons by duration, sex, age, color, and marital status
July 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		July 1972	July 1973	July 1972	July 1973
Total	4,550	2,350	1,521	383	295	9.0	45.4	51.7	20.1	14.9
16 to 21 years	2,014	1,146	737	75	56	6.2	49.5	56.9	9.9	6.5
16 to 19 years	1,572	898	590	54	29	5.8	50.5	57.1	8.1	5.3
20 to 24 years	1,075	554	356	94	71	8.8	48.3	51.5	16.7	15.3
25 to 34 years	795	411	232	90	62	9.7	44.3	51.7	24.4	19.1
35 to 44 years	387	191	106	51	39	12.1	44.6	49.3	28.8	23.2
45 to 54 years	363	152	121	42	48	13.7	33.2	41.9	35.8	24.8
55 to 64 years	263	108	78	41	37	14.9	34.0	41.0	37.4	29.4
65 years and over	95	37	37	11	10	12.5	39.1	38.9	37.1	22.0
Male	2,288	1,100	808	203	177	10.0	41.6	48.1	23.8	16.6
16 to 21 years	1,036	566	400	42	28	6.3	47.8	54.6	10.7	6.7
16 to 19 years	833	460	331	31	12	5.8	50.5	55.2	8.8	5.1
20 to 24 years	507	241	174	52	40	9.8	41.6	47.5	20.2	18.3
25 to 34 years	390	180	120	45	45	11.9	37.1	46.2	30.7	23.1
35 to 44 years	166	67	49	26	24	14.5	37.9	40.6	36.8	29.7
45 to 54 years	173	70	59	18	26	15.5	30.8	40.5	39.7	25.2
55 to 64 years	151	59	50	23	20	15.0	34.6	38.9	40.1	28.0
65 years and over	67	22	25	9	10	15.2	(1)	(1)	(1)	(1)
Female	2,262	1,250	713	180	118	8.1	49.4	55.3	16.3	13.2
16 to 21 years	978	579	337	34	28	6.0	51.3	59.2	9.1	6.3
16 to 19 years	738	438	260	24	17	5.9	50.4	59.3	7.3	5.5
20 to 24 years	568	313	183	41	31	7.8	56.0	55.1	12.6	12.7
25 to 34 years	405	231	113	46	16	7.6	51.2	56.9	18.3	15.3
35 to 44 years	221	123	57	26	15	10.3	50.7	55.9	21.6	18.4
45 to 54 years	190	82	61	24	22	12.1	36.2	43.2	30.8	24.5
55 to 64 years	112	49	28	18	17	14.7	33.2	43.8	33.9	31.3
65 years and over	28	15	12	2	--	5.9	(1)	(1)	(1)	(1)
White: Total	3,432	1,825	1,117	263	226	8.9	45.4	53.2	20.5	14.3
Male	1,742	857	603	144	138	10.1	41.2	49.2	24.3	16.2
Female	1,690	968	515	120	88	7.6	49.8	57.3	16.5	12.3
Negro and other races: Total	1,118	525	404	119	69	9.5	45.4	47.0	18.8	16.9
Male	546	243	205	59	39	9.6	42.8	44.4	22.0	18.0
Female	572	283	199	60	30	9.4	47.9	49.4	15.4	15.9
Male: Married, wife present	747	335	239	92	81	12.3	40.0	44.8	32.3	23.1
Widowed, divorced, or separated	145	52	41	34	17	15.3	34.9	36.1	31.4	35.4
Single (never married)	1,396	713	528	76	79	8.2	43.7	51.1	16.8	11.1
Female: Married, husband present	924	502	277	95	49	8.5	52.2	54.4	19.4	15.6
Widowed, divorced, or separated	362	201	89	33	38	10.6	49.2	55.6	22.6	19.7
Single (never married)	977	547	346	52	31	6.7	42.6	56.0	10.6	8.5

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

A-18: Unemployed persons by duration, occupation, and industry of last job

July 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		July 1972	July 1973	July 1972	July 1973
OCCUPATION										
White-collar workers	1,225	575	408	139	103	10.6	42.0	46.9	23.8	19.7
Professional and managerial	395	151	147	44	54	13.8	37.9	38.2	26.6	24.8
Sales workers	208	112	64	16	16	9.4	38.8	53.9	26.0	15.3
Clerical workers	621	312	197	79	33	9.0	46.0	50.3	20.8	18.0
Blue-collar workers	1,598	831	490	158	119	9.8	44.2	52.0	25.3	17.3
Craftsmen and kindred workers	384	192	106	46	40	11.3	39.1	50.0	35.2	22.3
Operatives, except transport	703	367	221	74	41	9.2	46.6	52.2	22.1	16.4
Transport equipment operatives	123	59	38	11	15	11.9	55.1	48.2	22.5	20.7
Nonfarm laborers	388	213	125	27	23	8.8	40.8	54.9	24.4	12.9
Service workers	693	360	219	55	39	8.1	51.8	54.9	15.0	13.5
INDUSTRY¹										
Agriculture	73	38	34	1	--	4.3	51.7	(2)	7.8	(2)
Construction	363	188	107	37	31	9.7	48.7	51.8	25.3	18.8
Manufacturing	837	392	280	92	74	11.3	43.7	46.8	25.6	19.8
Durable goods	441	203	138	63	37	12.3	45.2	46.0	23.9	22.6
Non-durable goods	397	189	142	30	36	10.3	41.6	47.6	28.1	16.7
Transportation and public utilities	130	65	37	16	13	12.1	43.5	49.8	29.8	22.0
Wholesale and retail trade	965	542	273	82	68	8.8	46.2	56.2	21.3	15.5
Finance and service industries	1,019	493	352	102	74	9.5	43.6	48.4	19.6	17.3
Public administration	120	62	42	15	1	7.2	49.3	51.5	15.2	13.9
No previous work experience	972	530	377	30	35	6.7	45.9	54.6	10.0	6.7

¹ Includes wage and salary workers only.² Percent not shown where base is less than 75,000.

A-19: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
All industries	83,443	86,367	52,483	53,892	30,960	32,475
16 to 19 years	8,553	9,054	4,909	5,199	3,644	3,855
16 to 17 years	3,787	4,062	2,271	2,395	1,516	1,667
18 to 19 years	4,765	4,992	2,638	2,804	2,128	2,187
20 to 24 years	11,417	12,238	6,557	7,074	4,860	5,163
25 to 54 years	49,570	51,349	32,125	32,934	17,445	18,414
25 to 34 years	17,728	19,013	11,881	12,565	5,846	6,448
35 to 44 years	15,516	15,770	10,079	10,100	5,437	5,670
45 to 54 years	16,327	16,566	10,165	10,270	6,162	6,297
55 to 64 years	10,899	10,821	6,905	6,810	3,994	4,012
55 to 59 years	6,484	6,494	4,054	4,042	2,430	2,452
60 to 64 years	4,415	4,327	2,851	2,767	1,563	1,560
65 years and over	3,005	2,905	1,986	1,875	1,018	1,030
Nonagricultural industries	79,383	82,201	49,250	50,663	30,133	31,539
16 to 19 years	7,855	8,334	4,336	4,634	3,519	3,700
16 to 17 years	3,353	3,586	1,916	2,018	1,437	1,568
18 to 19 years	4,501	4,748	2,420	2,616	2,082	2,132
20 to 24 years	11,044	11,868	6,259	6,759	4,785	5,109
25 to 54 years	47,700	49,403	30,700	31,519	17,000	17,884
25 to 34 years	17,187	18,462	11,458	12,150	5,730	6,311
35 to 44 years	14,915	15,172	9,638	9,664	5,277	5,508
45 to 54 years	15,598	15,769	9,605	9,705	5,993	6,064
55 to 64 years	10,215	10,145	6,350	6,262	3,865	3,882
55 to 59 years	6,117	6,131	3,759	3,759	2,359	2,372
60 to 64 years	4,097	4,013	2,591	2,503	1,506	1,510
65 years and over	2,569	2,452	1,606	1,489	964	963
Agriculture	4,061	4,165	3,233	3,229	827	936
16 to 19 years	698	720	573	565	124	155
16 to 17 years	434	476	355	377	79	99
18 to 19 years	264	244	218	188	46	55
20 to 24 years	373	370	299	316	74	54
25 to 54 years	1,870	1,946	1,425	1,415	445	531
25 to 34 years	541	551	424	414	117	137
35 to 44 years	601	598	441	436	160	162
45 to 54 years	728	797	560	565	168	232
55 to 64 years	684	677	556	547	129	129
55 to 59 years	367	363	295	283	72	79
60 to 64 years	317	314	260	264	57	50
65 years and over	435	453	381	386	55	67

A-20: Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
Total	83,443	86,367	47,574	48,692	27,317	28,620	4,909	5,199	3,644	3,855
White-collar workers	38,897	39,882	19,404	19,753	16,868	17,463	800	752	1,824	1,914
Professional and technical	10,876	11,112	6,638	6,648	3,928	4,196	176	136	134	132
Health workers	1,857	1,872	715	705	1,108	1,149	10	2	24	16
Teachers, except college	2,162	2,268	597	644	1,530	1,599	8	2	28	23
Other professional and technical	6,857	6,972	5,326	5,299	1,290	1,448	158	132	82	93
Managers and administrators, except farm ..	8,147	8,717	6,630	7,052	1,432	1,585	67	51	18	28
Salaried workers	6,418	6,782	5,272	5,514	1,070	1,198	58	46	18	24
Self-employed workers in retail trade ..	957	1,039	697	753	258	285	2	--	1	--
Self-employed workers, except retail trade	772	896	661	785	104	101	7	5	--	4
Sales workers	5,398	5,466	2,904	2,909	1,852	1,884	259	264	384	409
Retail trade	3,150	3,159	1,035	1,072	1,560	1,492	205	209	349	386
Other industries	2,248	2,306	1,868	1,836	292	392	54	55	35	23
Clerical workers	14,476	14,587	3,233	3,144	9,656	9,798	299	300	1,288	1,345
Stenographers, typists, and secretaries ...	4,217	4,307	82	65	3,676	3,791	10	12	449	440
Other clerical workers	10,259	10,280	3,151	3,079	5,980	6,007	289	288	839	905
Blue-collar workers	29,737	31,505	22,250	23,136	4,359	4,720	2,723	3,118	405	531
Craftsmen and kindred workers	11,090	11,813	10,295	10,824	333	397	432	545	30	46
Carpenters	1,116	1,181	1,041	1,089	4	6	68	85	2	2
Construction craftsmen, except carpenters	2,480	2,621	2,325	2,416	16	16	132	167	7	23
Mechanics and repairmen	2,726	3,006	2,557	2,834	29	16	138	156	2	1
Metal craftsmen	1,062	1,151	1,033	1,101	9	12	19	38	1	--
Foremen, not elsewhere classified	1,469	1,501	1,366	1,385	92	108	12	9	--	--
All other	2,237	2,351	1,973	2,000	183	240	63	91	18	21
Operatives, except transport	10,429	11,275	5,663	5,981	3,694	3,942	771	955	302	398
Durable goods manufacturing	4,365	5,103	2,928	2,731	1,140	1,425	219	359	78	138
Nondurable goods manufacturing	3,634	3,665	1,375	1,396	1,974	1,903	140	179	145	187
Other industries	2,430	2,507	1,360	1,854	580	614	412	417	79	73
Transport equipment operatives	3,174	3,323	2,906	3,025	101	125	160	167	7	6
Drivers and deliverymen	3,726	2,821	2,485	2,550	99	115	136	150	5	5
All other	448	503	421	475	2	10	24	18	2	--
Nonfarm laborers	5,044	5,094	3,386	3,306	231	255	1,360	1,451	67	81
Construction	1,090	1,124	781	780	5	2	302	342	3	--
Manufacturing	1,074	1,226	834	870	71	105	158	233	11	18
Other industries	2,880	2,744	1,771	1,656	156	147	901	876	53	64
Service workers	11,232	11,300	3,574	3,439	5,470	5,744	879	838	1,309	1,279
Private household workers	1,393	1,330	27	13	1,021	1,011	13	14	331	291
Service workers, except private household ..	9,840	9,970	3,547	3,426	4,449	4,733	866	823	977	988
Food service workers	3,247	3,442	578	655	1,708	1,781	402	425	560	580
Protective service workers	1,255	1,154	1,170	1,069	69	72	16	13	--	--
All other	5,338	5,374	1,799	1,702	2,672	2,880	448	385	417	408
Farm workers	3,578	3,679	2,346	2,364	620	692	507	492	105	131
Farmers and farm managers	1,754	1,750	1,615	1,612	118	124	18	12	3	2
Farm laborers and foremen	1,824	1,930	731	752	502	568	490	480	102	130
Paid workers	1,255	1,314	671	708	171	183	357	340	56	83
Unpaid family workers	569	616	61	44	330	384	133	140	45	47

A-21: Employed persons by major occupational group, sex, and color

(Percent distribution)

Occupational group and color	Total		Male		Female	
	July 1972	July 1973	July 1972	July 1973	July 1972	July 1973
	Total					
Total employed (thousands)	83,443	86,367	52,483	53,892	30,960	32,475
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	46.6	46.2	38.5	38.0	60.4	59.7
Professional and technical	13.0	12.9	13.0	12.6	13.1	13.3
Managers and administrators, except farm	9.8	10.1	12.8	13.2	4.7	5.0
Sales workers	6.5	6.3	6.0	5.9	7.2	7.1
Clerical workers	17.3	16.9	6.7	6.4	35.3	34.3
Blue-collar workers	35.6	36.5	47.6	48.7	15.4	16.2
Craftsmen and kindred workers	13.3	13.7	20.4	21.1	1.2	1.4
Operatives, except transport	12.5	13.1	12.3	12.9	12.9	13.4
Transport equipment operatives	3.8	3.8	5.8	5.9	.3	.4
Nonfarm laborers	6.0	5.9	9.0	8.8	1.0	1.0
Service workers	13.5	13.1	8.5	7.9	21.9	21.6
Private household workers	1.7	1.5	.1	(1)	4.4	4.0
Other service workers	11.8	11.5	8.4	7.9	17.5	17.6
Farm workers	4.3	4.3	5.4	5.3	2.3	2.5
Farmers and farm managers	2.1	2.0	3.1	3.0	.4	.4
Farm laborers and foremen	2.2	2.2	2.3	2.3	1.9	2.1
White						
Total employed (thousands)	74,548	76,907	47,417	48,553	27,131	28,355
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.7	48.2	40.3	39.8	63.3	62.5
Professional and technical	13.5	13.4	13.5	13.2	13.5	13.6
Managers and administrators, except farm	10.5	10.8	13.6	14.1	5.0	5.3
Sales workers	7.0	6.8	6.5	6.3	7.9	7.7
Clerical workers	17.7	17.2	6.7	6.3	36.9	35.8
Blue-collar workers	35.2	35.9	46.5	47.7	15.3	15.7
Craftsmen and kindred workers	13.8	14.2	21.0	21.7	1.2	1.4
Operatives, except transport	12.2	12.6	11.9	12.5	12.7	12.9
Transport equipment operatives	3.6	3.7	5.5	5.6	.4	.4
Nonfarm laborers	5.5	5.4	8.1	7.9	1.0	1.0
Service workers	11.9	11.6	7.7	7.1	19.1	19.3
Private household workers	1.1	1.0	.1	(1)	2.9	2.7
Other service workers	10.8	10.6	7.7	7.1	16.2	16.6
Farm workers	4.3	4.3	5.5	5.3	2.3	2.5
Farmers and farm managers	2.3	2.2	3.3	3.2	.4	.4
Farm laborers and foremen	2.0	2.1	2.1	2.1	1.9	2.0
Negro and other races						
Total employed (thousands)	8,896	9,459	5,067	5,339	3,829	4,120
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	29.4	29.8	21.6	21.7	39.7	40.3
Professional and technical	8.9	8.9	7.9	6.9	10.2	11.4
Managers and administrators, except farm	3.8	4.1	4.9	5.3	2.5	2.5
Sales workers	2.1	2.4	1.7	2.3	2.5	2.6
Clerical workers	14.6	14.4	7.2	7.2	24.5	23.7
Blue-collar workers	39.6	41.1	57.3	57.9	16.2	19.3
Craftsmen and kindred workers	8.9	9.2	15.1	15.5	.8	1.0
Operatives, except transport	15.2	16.5	15.9	16.4	14.2	16.6
Transport equipment operatives	5.2	4.9	9.0	8.7	.2	.4
Nonfarm laborers	10.3	10.3	17.4	17.3	.9	1.3
Service workers	26.9	25.0	15.7	15.5	41.8	37.4
Private household workers	6.5	5.8	.3	.1	14.8	13.1
Other service workers	20.4	19.2	15.5	15.3	26.9	24.3
Farm workers	4.0	4.1	5.3	4.9	2.3	3.0
Farmers and farm managers .....	.7	.8	1.1	1.3	.2	.2
Farm laborers and foremen	3.3	3.3	4.2	3.6	2.1	2.8

¹ Less than 0.05 percent.

A-22: Employed persons by class of worker, sex, and age

July 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					
Total	76,042	1,585	13,030	61,427	5,554	605	1,638	1,895	632
16 to 19 years.....	8,156	409	798	6,950	109	69	490	39	191
16 and 17 years.....	3,487	319	376	2,791	53	46	316	27	133
18 and 19 years.....	4,669	89	422	4,159	56	23	174	12	58
20 to 24 years.....	11,590	93	1,640	9,857	229	49	266	70	34
25 to 34 years.....	17,358	161	3,052	14,145	1,004	100	264	205	83
35 to 44 years.....	13,835	168	2,648	11,019	1,211	127	193	319	86
45 to 54 years.....	14,241	265	2,935	11,041	1,392	137	210	448	139
55 to 64 years.....	8,959	301	1,681	6,976	1,087	99	150	455	72
55 to 59 years.....	5,451	152	1,055	4,244	627	53	81	235	47
60 to 64 years.....	3,508	150	626	2,732	459	46	68	220	25
65 years and over.....	1,904	188	275	1,440	522	26	66	360	28
Male	46,400	242	7,213	38,944	4,169	94	1,290	1,749	190
16 to 19 years.....	4,505	110	410	3,985	71	58	384	36	145
16 and 17 years.....	1,948	89	210	1,649	32	38	254	24	99
18 and 19 years.....	2,558	21	200	2,337	38	20	130	12	46
20 to 24 years.....	6,579	13	756	5,809	165	15	230	70	16
25 to 34 years.....	11,387	20	1,738	9,629	760	3	205	193	16
35 to 44 years.....	8,739	14	1,499	7,225	920	5	144	290	2
45 to 54 years.....	8,621	15	1,658	6,948	1,082	2	147	412	6
55 to 64 years.....	5,440	24	949	4,467	816	6	125	421	2
55 to 59 years.....	3,289	9	605	2,676	465	5	68	214	2
60 to 64 years.....	2,151	15	345	1,791	351	1	57	207	--
65 years and over.....	1,128	45	203	880	355	5	56	326	4
Female	29,643	1,343	5,817	22,483	1,385	511	348	146	442
16 to 19 years.....	3,651	299	388	2,964	38	11	106	3	46
16 and 17 years.....	1,539	230	166	1,143	21	8	62	3	34
18 and 19 years.....	2,112	69	221	1,822	18	3	43	--	12
20 to 24 years.....	5,011	80	884	4,077	64	34	37	--	18
25 to 34 years.....	5,971	141	1,314	4,515	244	97	59	11	67
35 to 44 years.....	5,096	154	1,148	3,794	291	121	49	29	84
45 to 54 years.....	5,620	249	1,277	4,093	310	135	62	36	134
55 to 64 years.....	3,519	277	732	2,509	271	93	25	34	70
55 to 59 years.....	2,161	143	450	1,568	163	48	14	21	45
60 to 64 years.....	1,357	135	282	941	108	45	12	13	25
65 years and over.....	776	143	73	560	167	20	10	33	23

A-23: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	July 1972	July 1973	Total		Wage and salary workers ¹			
			July 1972	July 1973	Paid absence ²		Unpaid absence ²	
					July 1972	July 1973	July 1972	July 1973
Total	10,489	10,601	10,369	10,455	6,416	6,309	3,377	3,590
Vacation	8,400	8,509	8,338	8,448	5,869	5,780	2,130	2,385
Illness	1,125	1,186	1,101	1,130	390	356	606	677
Bad weather	21	23	14	16	--	--	--	--
Industrial dispute	122	90	122	90	--	--	--	--
All other reasons	819	794	794	771	157	173	641	528
Male	5,419	5,265	5,322	5,147	3,757	3,674	1,274	1,210
Vacation	4,225	4,158	4,177	4,118	3,375	3,336	632	647
Illness	677	666	656	613	264	220	333	339
All other reasons ³	517	441	489	416	118	118	309	224
Female	5,070	5,337	5,048	5,308	2,660	2,634	2,103	2,381
Vacation	4,175	4,350	4,161	4,330	2,494	2,443	1,498	1,739
Illness	448	520	445	517	128	136	273	338
All other reasons	447	467	442	461	39	55	332	304

¹Excludes private household.²Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.³Includes bad weather and industrial disputes, not shown separately.

A-24: Persons at work by type of industry and hours of work

July 1973

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagri- cultural industries	Agric- ulture	All industries	Nonagri- cultural industries	Agric- ulture
Total at work	75,765	71,746	4,019	100.0	100.0	100.0
1-34 hours	15,415	14,283	1,132	20.3	19.9	28.2
1-4 hours	517	467	50	.7	.7	1.2
5-14 hours	2,727	2,499	228	3.6	3.5	5.7
15-29 hours	7,770	7,157	614	10.3	10.0	15.3
30-34 hours	4,401	4,160	240	5.8	5.8	6.0
35 hours and over	60,351	57,464	2,886	79.7	80.1	71.8
35-39 hours	5,532	5,370	162	7.3	7.5	4.0
40 hours	32,167	31,670	497	42.5	44.1	12.4
41 hours and over	22,652	20,424	2,227	29.9	28.5	55.4
41 to 48 hours	9,061	8,757	304	12.0	12.2	7.6
49 to 59 hours	6,917	6,496	421	9.1	9.1	10.5
60 hours and over	6,674	5,171	1,502	8.8	7.2	37.4
Average hours, total at work	40.4	39.9	48.8	--	--	--
Average hours, workers on full-time schedules	44.0	43.3	58.1	--	--	--

A-25: Persons at work 1-34 hours by usual status and reason working part time

July 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.....	15,415	5,236	10,179	14,283	4,939	9,344
Economic reasons.....	3,332	1,256	2,076	3,015	1,129	1,886
Slack work.....	1,242	806	436	1,077	713	364
Material shortages or repairs to plant and equipment.....	80	80	--	80	80	--
New job started during week.....	262	262	--	241	241	--
Job terminated during week.....	108	108	--	96	96	--
Could find only part-time work.....	1,640	--	1,640	1,522	--	1,522
Other reasons.....	12,083	3,980	8,103	11,268	3,810	7,458
Does not want, or unavailable for, full-time work.....	5,910	--	5,910	5,445	--	5,445
Vacation.....	1,152	1,152	--	1,124	1,124	--
Illness.....	1,462	1,172	290	1,385	1,151	234
Bad weather.....	255	255	--	181	181	--
Industrial dispute.....	77	77	--	68	68	--
Legal or religious holiday.....	41	41	--	41	41	--
Full time for this job.....	1,415	--	1,415	1,345	--	1,345
All other reasons.....	1,771	1,283	488	1,678	1,244	434
Average hours:						
Economic reasons.....	20.6	23.0	19.2	20.7	23.1	19.3
Other reasons.....	21.5	25.8	19.4	21.6	25.8	19.4
Worked 30 to 34 hours:						
Economic reasons.....	863	462	401	802	435	367
Other reasons.....	3,538	2,002	1,536	3,358	1,932	1,426

A-26: Nonagricultural workers by industry and full- or part-time status

July 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 ¹	100.0	4.2	10.4	85.4	56.9	12.2	16.3	39.9	43.3
Wage and salary workers.....	100.0	4.2	9.9	85.9	59.3	12.4	14.2	39.5	42.7
Construction.....	100.0	5.9	3.3	90.8	63.9	12.4	14.5	40.3	42.2
Manufacturing.....	100.0	2.4	2.3	95.3	64.3	15.9	15.1	41.6	42.5
Durable goods.....	100.0	1.6	1.5	96.8	63.7	16.9	16.2	42.2	42.9
Nondurable goods.....	100.0	3.6	3.5	92.9	65.1	14.3	13.5	40.6	42.0
Transportation and public utilities.....	100.0	2.3	4.3	93.3	62.9	14.2	16.2	41.9	43.4
Wholesale and retail trade.....	100.0	6.9	16.8	76.3	45.9	13.7	16.7	38.5	43.9
Finance, insurance, and real estate.....	100.0	1.3	9.1	89.6	68.0	8.5	13.1	39.4	41.6
Service industries.....	100.0	5.5	18.3	76.1	56.8	8.5	10.8	36.4	42.0
Private households.....	100.0	16.6	45.7	37.7	24.5	3.9	9.3	25.5	44.7
All other service.....	100.0	4.4	15.4	80.2	60.2	9.0	11.0	37.5	41.9
Public administration.....	100.0	1.4	4.6	94.0	73.1	9.3	11.6	40.7	42.0
Self-employed workers.....	100.0	4.1	14.4	81.5	30.1	9.8	41.6	44.9	51.2
Unpaid family workers.....	100.0	2.6	30.2	67.1	27.6	8.4	31.1	43.9	55.2

¹ Includes mining not shown separately.

**A-27: Persons at work in nonagricultural industries by full- or part-time status,
sex, age, color, and marital status**

July 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)								
TOTAL								
Total, 16 years and over.....	71,746	3,015	7,458	61,273	40,849	20,424	39.9	43.3
16 to 21 years.....	12,351	1,428	2,058	8,865	6,524	2,341	35.6	41.7
16 to 19 years.....	7,886	1,190	1,623	5,073	3,779	1,294	33.8	41.7
16 and 17 years.....	3,378	721	1,058	1,599	1,181	418	29.7	41.6
18 and 19 years.....	4,507	470	565	3,472	2,596	876	36.9	41.7
20 years and over.....	63,861	1,824	5,835	56,202	37,072	19,130	40.6	43.5
20 to 24 years.....	10,808	480	896	9,432	6,730	2,702	39.4	42.0
25 years and over.....	53,052	1,345	4,939	46,768	30,337	16,431	40.9	43.8
25 to 44 years.....	29,073	721	2,148	26,204	16,725	9,479	41.6	43.9
45 to 64 years.....	21,830	534	1,857	19,439	12,889	6,550	40.9	43.6
65 years and over.....	2,149	88	934	1,127	725	402	30.7	43.9
Males, 16 years and over.....	45,516	1,532	2,262	41,722	24,884	16,838	42.6	44.6
16 to 21 years.....	6,871	760	849	5,262	3,534	1,728	37.6	42.7
16 to 19 years.....	4,401	634	698	3,069	2,114	955	35.8	42.4
16 and 17 years.....	1,910	401	482	1,027	721	306	31.9	41.9
18 and 19 years.....	2,491	233	215	2,043	1,394	649	38.8	42.7
20 years and over.....	41,115	897	1,564	38,654	22,770	15,884	43.3	44.8
20 to 24 years.....	6,277	250	317	5,710	3,588	2,122	41.5	43.4
25 years and over.....	34,837	648	1,248	32,941	19,179	13,762	43.6	45.0
25 to 44 years.....	19,628	373	320	18,935	10,779	8,156	44.4	45.3
45 to 64 years.....	13,891	229	393	13,269	7,928	5,341	43.7	44.8
65 years and over.....	1,318	46	535	737	473	264	31.7	43.5
Females, 16 years and over.....	26,230	1,484	5,196	19,550	15,964	3,586	35.2	40.6
16 to 21 years.....	5,480	668	1,209	3,603	2,989	614	33.1	40.2
16 to 19 years.....	3,484	556	925	2,003	1,665	338	31.3	40.4
16 and 17 years.....	1,469	318	576	575	462	113	26.8	41.0
18 and 19 years.....	2,016	237	349	1,430	1,204	226	34.6	40.2
20 years and over.....	22,746	928	4,271	17,547	14,299	3,248	35.7	40.6
20 to 24 years.....	4,531	231	580	3,720	3,140	580	36.5	39.9
25 years and over.....	18,215	696	3,691	13,828	11,160	2,668	35.5	40.8
25 to 44 years.....	9,444	349	1,828	7,267	5,944	1,323	35.6	40.4
45 to 64 years.....	7,940	306	1,464	6,170	4,963	1,207	36.1	40.9
65 years and over.....	831	41	399	391	253	138	29.2	44.7
COLOR								
White.....	63,899	2,488	6,668	54,743	35,602	19,141	40.2	43.6
Male.....	40,993	1,243	2,040	37,710	21,815	15,895	43.0	44.9
Female.....	22,906	1,245	4,629	17,032	13,787	3,245	35.2	40.6
Negro and other races.....	7,848	528	790	6,530	5,246	1,284	37.4	41.1
Male.....	4,523	288	222	4,013	3,069	944	39.4	41.9
Female.....	3,325	239	567	2,519	2,179	340	34.8	39.9
MARITAL STATUS								
Male:								
Married, wife present.....	33,034	573	1,010	31,451	17,986	13,465	43.9	45.1
Widowed, divorced, or separated.....	2,591	87	172	2,332	1,428	904	42.0	44.5
Single (never married).....	9,891	871	1,079	7,941	5,471	2,470	38.5	42.8
Female:								
Married, husband present.....	14,151	524	3,100	10,527	8,646	1,881	34.9	40.3
Widowed, divorced, or separated.....	4,854	226	800	3,828	3,038	790	36.4	40.9
Single (never married).....	7,225	734	1,296	5,195	4,280	915	34.8	40.8

A-27: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued
July 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)						
TOTAL						
Total, 16 years and over.....	100.0	4.2	10.4	85.4	56.9	28.5
16 to 21 years.....	100.0	11.6	16.7	71.8	52.8	19.0
16 to 19 years.....	100.0	15.1	20.6	64.3	47.9	16.4
16 and 17 years.....	100.0	21.3	31.3	47.4	35.0	12.4
18 and 19 years.....	100.0	10.4	12.5	77.0	57.6	19.4
20 years and over.....	100.0	2.9	9.1	88.1	58.1	30.0
20 to 24 years.....	100.0	4.4	8.3	87.3	62.3	25.0
25 years and over.....	100.0	2.5	9.3	88.2	57.2	31.0
25 to 44 years.....	100.0	2.5	7.4	90.1	57.5	32.6
45 to 64 years.....	100.0	2.4	8.5	89.0	59.0	30.0
65 years and over.....	100.0	4.1	43.5	52.4	33.7	18.7
Males, 16 years and over.....	100.0	3.4	5.0	91.7	54.7	37.0
16 to 21 years.....	100.0	11.1	12.4	76.5	51.4	25.1
16 and 19 years.....	100.0	14.4	15.9	69.7	48.0	21.7
16 and 17 years.....	100.0	21.0	25.2	53.7	37.7	16.0
18 and 19 years.....	100.0	9.4	8.6	82.1	56.0	26.1
20 years and over.....	100.0	2.2	3.8	94.0	55.4	38.6
20 to 24 years.....	100.0	4.0	5.1	91.0	57.2	33.8
25 years and over.....	100.0	1.9	3.6	94.6	55.1	39.5
25 to 44 years.....	100.0	1.9	1.6	96.5	54.9	41.6
45 to 64 years.....	100.0	1.6	2.8	95.5	57.1	38.4
65 years and over.....	100.0	3.5	40.6	55.9	35.9	20.0
Females, 16 years and over.....	100.0	5.7	19.8	74.5	60.9	13.7
16 to 21 years.....	100.0	12.2	22.1	65.7	54.5	11.2
16 to 19 years.....	100.0	16.0	26.5	57.5	47.8	9.7
16 and 17 years.....	100.0	21.6	39.2	39.1	31.4	7.7
18 and 19 years.....	100.0	11.8	17.3	70.9	59.7	11.2
20 years and over.....	100.0	4.1	18.8	77.2	62.9	14.3
20 to 24 years.....	100.0	5.1	12.8	82.1	69.3	12.8
25 years and over.....	100.0	3.8	20.3	75.9	61.3	14.6
25 to 44 years.....	100.0	3.7	19.4	76.9	62.9	14.0
45 to 64 years.....	100.0	3.9	18.4	77.7	62.5	15.2
65 years and over.....	100.0	4.9	48.0	47.0	30.4	16.6
COLOR						
White.....	100.0	3.9	10.4	85.7	55.7	30.0
Male.....	100.0	3.0	5.0	92.0	53.2	38.8
Female.....	100.0	5.4	20.2	74.4	60.2	14.2
Negro and other races.....	100.0	6.7	10.1	83.2	66.8	16.4
Male.....	100.0	6.4	4.9	88.8	67.9	20.9
Female.....	100.0	7.2	17.1	75.7	65.5	10.2
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.7	3.1	95.2	54.4	40.8
Widowed, divorced, or separated.....	100.0	3.4	6.6	90.0	55.1	34.9
Single (never married).....	100.0	8.8	10.9	80.3	55.3	25.0
Female:						
Married, husband present.....	100.0	3.7	21.9	74.4	61.1	13.3
Widowed, divorced, or separated.....	100.0	4.7	16.5	78.9	62.6	16.3
Single (never married).....	100.0	10.1	17.9	71.9	59.2	12.7

A-28: Persons at work in nonfarm occupations by full- or part-time status and sex
July 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)									
TOTAL									
White-collar workers	34,427	888	3,831	29,708	19,846	3,633	6,229	40.3	43.6
Professional and technical	8,399	145	857	7,397	5,057	840	1,500	40.2	43.2
Managers and administrators, except farm	7,945	68	298	7,579	3,404	1,137	3,038	47.3	48.6
Sales workers	4,954	276	919	3,759	2,170	547	1,042	38.6	44.6
Clerical workers	13,129	400	1,758	10,971	9,213	1,108	650	36.8	40.1
Blue-collar workers	27,815	1,318	1,309	25,188	16,431	4,290	4,467	41.0	43.1
Craftsmen and kindred workers	10,628	340	300	9,988	6,231	1,751	2,006	42.2	43.6
Operatives, except transport	9,491	437	389	8,665	6,063	1,483	1,119	40.2	41.9
Transport equipment operatives	3,006	110	138	2,758	1,453	489	816	44.0	46.1
Nonfarm laborers	4,690	432	483	3,775	2,681	568	526	38.0	42.4
Service workers	9,945	844	2,403	6,698	4,733	870	1,095	35.3	43.1
Private household	1,241	185	585	471	303	47	121	25.8	44.7
Other service workers	8,704	659	1,818	6,227	4,430	823	974	36.7	43.0
MALE									
White-collar workers	18,373	285	848	17,240	9,424	2,522	5,294	44.4	46.0
Professional and technical	5,796	75	303	5,418	3,449	654	1,315	42.6	44.2
Managers and administrators, except farm	6,504	51	156	6,297	2,645	951	2,701	48.3	49.2
Sales workers	2,959	91	204	2,664	1,305	432	927	43.5	46.1
Clerical workers	3,115	68	184	2,863	2,026	485	352	40.3	42.1
Blue-collar workers	23,617	1,012	971	21,634	13,550	3,803	4,281	41.7	43.7
Craftsmen and kindred workers	10,262	308	256	9,698	6,003	1,704	1,991	42.4	43.7
Operatives, except transport	6,026	197	169	5,660	3,611	1,070	979	42.0	43.3
Transport equipment operatives	2,927	104	109	2,714	1,422	483	809	44.4	46.1
Nonfarm laborers	4,402	404	437	3,561	2,514	545	502	38.1	42.5
Service workers	3,867	266	497	3,104	2,029	460	615	39.5	44.1
Private household	26	10	7	9	4	1	4	29.4	54.0
Other service workers	3,840	256	491	3,093	2,022	459	612	39.6	44.0
FEMALE									
White-collar workers	16,054	604	2,984	12,466	10,420	1,111	935	35.7	40.3
Professional and technical	2,604	69	554	1,981	1,611	186	184	35.1	40.4
Managers and administrators, except farm	1,441	17	141	1,283	759	186	338	42.8	45.8
Sales workers	1,995	186	714	1,095	866	115	114	31.2	41.1
Clerical workers	10,014	332	1,574	8,108	7,187	623	298	35.7	39.4
Blue-collar workers	4,198	306	338	3,554	2,880	488	186	36.7	39.6
Craftsmen and kindred workers	366	31	43	292	231	46	15	36.1	40.1
Operatives, except transport	3,464	240	219	3,005	2,453	412	140	37.0	39.4
Transport equipment operatives	80	7	30	43	31	6	6	29.3	40.5
Nonfarm laborers	288	29	46	213	167	23	23	35.7	41.8
Service workers	6,079	578	1,906	3,595	2,705	410	480	32.7	42.2
Private household	1,215	175	579	461	298	46	117	25.7	44.5
Other service workers	4,864	403	1,328	3,133	2,406	364	363	34.4	41.9

A-28: Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

July 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)			
TOTAL							
White-collar workers	100.0	2.6	11.1	86.3	57.6	10.6	18.1
Professional and technical	100.0	1.7	10.2	88.1	60.2	10.0	17.9
Managers and administrators, except farm	100.0	.9	3.8	95.3	42.8	14.3	38.2
Sales workers	100.0	5.6	18.6	75.8	43.8	11.0	21.0
Clerical workers	100.0	3.0	13.4	83.6	70.2	8.4	5.0
Blue-collar workers	100.0	4.7	4.7	90.6	59.1	15.4	16.1
Craftsmen and kindred workers	100.0	3.2	2.8	94.0	58.6	16.5	18.9
Operatives, except transport	100.0	4.6	4.1	91.3	63.9	15.6	11.8
Transport equipment operatives	100.0	3.7	4.6	91.7	48.3	16.3	27.1
Nonfarm laborers	100.0	9.2	10.3	80.5	57.2	12.1	11.2
Service workers	100.0	8.5	24.2	67.3	47.6	8.7	11.0
Private household	100.0	14.9	47.1	38.0	24.4	3.8	9.8
Other service workers	100.0	7.6	20.9	71.6	50.9	9.5	11.2
MALE							
White-collar workers	100.0	1.6	4.6	93.8	51.3	13.7	28.8
Professional and technical	100.0	1.3	5.2	93.5	59.5	11.3	22.7
Managers and administrators, except farm	100.0	.8	2.4	96.8	40.7	14.6	41.5
Sales workers	100.0	3.1	6.9	90.0	44.1	14.6	31.3
Clerical workers	100.0	2.2	5.9	91.9	65.0	15.6	11.3
Blue-collar workers	100.0	4.3	4.1	91.6	57.4	16.1	18.1
Craftsmen and kindred workers	100.0	3.0	2.5	94.5	58.5	16.6	19.4
Operatives, except transport	100.0	3.3	2.8	93.9	59.9	17.8	16.2
Transport equipment operatives	100.0	3.6	3.7	92.7	48.6	16.5	27.6
Nonfarm laborers	100.0	9.2	9.9	80.9	57.1	12.4	11.4
Service workers	100.0	6.9	12.9	80.3	52.5	11.9	15.9
Private household	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers	100.0	6.7	12.8	80.6	52.7	12.0	15.9
FEMALE							
White-collar workers	100.0	3.8	18.6	77.6	64.9	6.9	5.8
Professional and technical	100.0	2.6	21.3	76.1	61.9	7.1	7.1
Managers and administrators, except farm	100.0	1.2	9.8	89.1	52.7	12.9	23.5
Sales workers	100.0	9.3	35.8	54.9	43.4	5.8	5.7
Clerical workers	100.0	3.3	15.7	81.0	71.8	6.2	3.0
Blue-collar workers	100.0	7.3	8.1	84.6	68.6	11.6	4.4
Craftsmen and kindred workers	100.0	8.5	11.7	79.8	63.1	12.6	4.1
Operatives, except transport	100.0	6.9	6.3	86.7	70.8	11.9	4.0
Transport equipment operatives	100.0	8.8	37.5	53.8	38.8	7.5	7.5
Nonfarm laborers	100.0	10.1	16.0	74.0	58.0	8.0	8.0
Service workers	100.0	9.5	31.4	59.1	44.5	6.7	7.9
Private household	100.0	14.4	47.7	37.9	24.5	3.8	9.6
Other service workers	100.0	8.3	27.3	64.5	49.5	7.5	7.5

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

A-29: Employment status of 14-15 year-olds by sex and color

July 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	8,308	4,223	4,085	7,088	3,615	3,473	1,221	608	612
Civilian labor force	2,530	1,539	990	2,237	1,363	873	293	176	117
Employed	2,194	1,314	881	1,993	1,196	797	201	118	83
Agriculture	473	356	117	419	320	99	54	36	18
Nonagricultural industries	1,721	957	764	1,574	876	698	147	81	65
Unemployed	335	226	110	243	167	76	92	58	34
Not in labor force	5,779	2,684	3,095	4,851	2,251	2,600	928	432	495
Keeping house	461	42	419	375	32	343	86	10	76
Going to school	591	262	329	469	211	258	122	52	70
Unable to work	20	16	4	15	13	2	4	2	2
All other reasons	4,707	2,363	2,343	3,991	1,995	1,996	715	368	347

A-30: Employed 14-15 year-olds by sex, class of worker, and major occupational group

July 1973

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total	2,194	1,314	881	100.0	100.0	100.0
Nonagricultural industries	1,721	957	764	78.4	72.9	86.7
Wage and salary workers	1,591	867	723	72.4	66.0	82.2
Private household workers	628	180	448	28.6	13.7	50.9
Government workers	133	84	49	6.1	6.4	5.6
Other wage and salary workers	830	603	226	37.8	45.9	25.7
Self-employed workers	99	67	32	4.5	5.1	3.6
Unpaid family workers	32	23	8	1.5	1.8	.9
Agriculture	473	356	117	21.6	27.1	13.3
Wage and salary workers	259	205	54	11.8	15.6	6.1
Self-employed workers	29	27	2	1.3	2.1	.2
Unpaid family workers	186	124	61	8.5	9.4	6.9
OCCUPATION						
Total	2,194	1,314	881	100.0	100.0	100.0
White-collar workers	358	233	125	16.3	17.7	14.1
Professional and technical	28	13	15	1.3	1.0	1.7
Managers and administrators, except farm	9	7	2	.4	.5	.2
Sales workers	242	193	48	11.0	14.7	5.5
Clerical workers	79	20	59	3.6	1.5	6.7
Blue-collar workers	589	543	46	26.9	41.4	5.1
Craftsmen and kindred workers	45	41	3	2.0	3.1	.3
Operatives, except transport	71	60	10	3.2	4.6	1.1
Transport equipment operatives	7	7	--	.3	.5	--
Nonfarm laborers	467	435	32	21.3	33.1	3.6
Service workers	821	219	601	37.4	16.7	68.4
Private household workers	455	12	442	20.7	.9	50.3
Other service workers	366	207	159	16.7	15.8	18.1
Farm workers	426	318	109	19.4	24.2	12.4
Farmers and farm managers	6	6	--	.3	.5	--
Farm laborers and foremen	421	312	109	19.2	23.8	12.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-31: Employment status of the noninstitutional population by sex and age, seasonally adjusted
(In thousands)

Employment status, sex, and age	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total													
Total labor force	88,985	89,337	89,471	89,651	89,454	89,707	89,325	89,961	90,629	90,700	90,739	91,247	91,121
Civilian labor force	86,597	86,941	87,066	87,236	87,023	87,267	86,921	87,569	88,268	88,350	88,405	88,932	88,810
Employed	81,782	82,061	82,256	82,397	82,525	82,780	82,555	83,127	83,889	83,917	84,024	84,674	84,614
Agriculture	3,443	3,610	3,579	3,658	3,556	3,650	3,501	3,424	3,480	3,311	3,275	3,403	3,516
Nonagricultural industries	78,339	78,451	78,677	78,739	78,969	79,130	79,054	79,703	80,409	80,606	80,749	81,271	81,098
On part time for economic reasons	2,476	2,439	2,347	2,264	2,217	2,181	2,023	2,274	2,198	2,136	2,258	2,503	2,414
Usually work full time	1,091	1,076	1,070	1,027	1,025	968	893	1,020	940	987	1,042	1,083	1,192
Usually work part time	1,385	1,363	1,277	1,237	1,192	1,213	1,130	1,254	1,258	1,149	1,216	1,420	1,222
Unemployed	4,815	4,880	4,810	4,839	4,498	4,487	4,366	4,442	4,379	4,433	4,381	4,258	4,196
Men, 20 years and over													
Total labor force	50,975	50,981	51,103	51,184	51,079	51,150	50,970	51,054	51,323	51,228	51,259	51,409	51,533
Civilian labor force	48,957	48,957	49,071	49,162	49,044	49,152	49,001	49,095	49,389	49,303	49,347	49,519	49,646
Employed	47,042	47,070	47,196	47,227	47,308	47,475	47,361	47,448	47,711	47,622	47,668	47,913	48,140
Agriculture	2,473	2,542	2,612	2,630	2,599	2,664	2,557	2,475	2,516	2,442	2,422	2,488	2,476
Nonagricultural industries	44,569	44,528	44,584	44,597	44,709	44,811	44,804	44,973	45,195	45,180	45,246	45,425	45,664
Unemployed	1,915	1,887	1,875	1,935	1,736	1,677	1,640	1,647	1,678	1,681	1,679	1,606	1,506
Women, 20 years and over													
Civilian labor force	29,841	29,972	29,908	29,931	29,779	29,869	29,870	30,141	30,339	30,513	30,569	30,895	31,017
Employed	28,147	28,313	28,287	28,281	28,293	28,357	28,296	28,662	28,849	29,073	29,177	29,377	29,499
Agriculture	559	597	567	585	547	566	526	559	585	543	504	535	620
Nonagricultural industries	27,588	27,716	27,720	27,696	27,746	27,791	27,770	28,103	28,264	28,530	28,673	28,842	28,879
Unemployed	1,694	1,659	1,621	1,650	1,486	1,512	1,574	1,479	1,490	1,440	1,392	1,518	1,518
Both sexes, 16-19 years													
Civilian labor force	7,799	8,012	8,087	8,143	8,200	8,246	8,050	8,333	8,540	8,534	8,489	8,518	8,147
Employed	6,593	6,678	6,773	6,889	6,924	6,948	6,898	7,017	7,329	7,222	7,179	7,384	6,975
Agriculture	411	471	400	443	410	420	418	390	379	326	349	380	420
Nonagricultural industries	6,182	6,207	6,373	6,446	6,514	6,528	6,480	6,627	6,950	6,896	6,830	7,004	6,555
Unemployed	1,206	1,334	1,314	1,254	1,276	1,298	1,152	1,316	1,211	1,312	1,310	1,134	1,172

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-31 through A-39 will not necessarily add to totals.

A-32: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted
(Numbers in thousands)

Full- and part-time employment status, sex, and age	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Full time													
Total, 16 years and over:													
Civilian labor force	74,143	74,261	74,275	74,688	74,402	74,715	74,935	75,244	75,557	75,604	75,816	76,181	75,963
Employed	70,384	70,482	70,572	70,947	70,969	71,224	71,491	71,755	72,136	72,213	72,487	72,984	72,847
Unemployed	3,759	3,779	3,703	3,741	3,433	3,491	3,444	3,489	3,421	3,391	3,329	3,197	3,116
Unemployment rate	5.1	5.1	5.0	5.0	4.6	4.7	4.6	4.6	4.5	4.5	4.4	4.2	4.1
Men, 20 years and over:													
Civilian labor force	46,524	46,538	46,574	46,749	46,539	46,630	46,648	46,767	46,957	46,905	46,959	47,159	47,235
Employed	44,778	44,819	44,872	44,971	44,964	45,095	45,139	45,220	45,400	45,403	45,426	45,725	45,898
Unemployed	1,746	1,719	1,702	1,778	1,575	1,535	1,509	1,547	1,557	1,502	1,533	1,434	1,337
Unemployment rate	3.8	3.7	3.7	3.8	3.4	3.3	3.2	3.3	3.3	3.2	3.3	3.0	2.8
Women, 20 years and over:													
Civilian labor force	23,461	23,438	23,337	23,443	23,303	23,390	23,549	23,693	23,741	23,926	24,031	24,259	24,256
Employed	22,086	22,114	22,084	22,166	22,144	22,268	22,330	22,503	22,590	22,752	22,948	23,078	23,094
Unemployed	1,375	1,324	1,253	1,277	1,159	1,122	1,219	1,190	1,151	1,174	1,083	1,181	1,162
Unemployment rate	5.9	5.6	5.4	5.4	5.0	4.8	5.2	5.0	4.8	4.9	4.5	4.9	4.8
Part time													
Total, 16 years and over:													
Civilian labor force	12,275	12,738	12,931	12,559	12,679	12,705	12,220	12,589	12,708	12,873	12,787	12,456	12,538
Employed	11,277	11,616	11,811	11,495	11,616	11,640	11,249	11,600	11,754	11,792	11,690	11,386	11,489
Unemployed	998	1,122	1,120	1,064	1,063	1,065	971	989	954	1,081	1,097	1,070	1,049
Unemployment rate	8.1	8.8	8.7	8.5	8.4	8.4	7.9	7.9	7.5	8.4	8.6	8.6	8.4

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.

A-33: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
White													
Total:													
Civilian labor force	76,969	77,356	77,497	77,673	77,338	77,531	77,418	77,885	78,186	78,334	78,483	78,930	78,644
Employed	73,131	73,416	73,640	73,774	73,802	73,989	73,888	74,327	74,713	74,813	75,009	75,543	75,421
Unemployed	3,838	3,940	3,857	3,899	3,536	3,542	3,530	3,558	3,473	3,521	3,474	3,387	3,223
Unemployment rate	5.0	5.1	5.0	5.0	4.6	4.6	4.6	4.6	4.4	4.5	4.4	4.3	4.1
Males, 20 years and over:													
Civilian labor force	44,059	44,089	44,201	44,308	44,160	44,267	44,217	44,268	44,341	44,263	44,326	44,480	44,540
Employed	42,519	42,536	42,645	42,647	42,718	42,885	42,822	42,886	42,971	42,892	42,977	43,163	43,353
Unemployed	1,540	1,553	1,556	1,661	1,442	1,382	1,395	1,382	1,370	1,371	1,349	1,317	1,187
Unemployment rate	3.5	3.5	3.5	3.7	3.3	3.1	3.2	3.1	3.1	3.1	3.0	3.0	2.7
Females, 20 years and over:													
Civilian labor force	25,973	26,149	26,034	26,018	25,830	25,877	25,971	26,160	26,233	26,496	26,575	26,918	26,885
Employed	24,603	24,821	24,782	24,754	24,704	24,698	24,734	25,006	25,086	25,355	25,487	25,721	25,711
Unemployed	1,370	1,328	1,252	1,264	1,126	1,179	1,237	1,154	1,147	1,141	1,088	1,197	1,174
Unemployment rate	5.3	5.1	4.8	4.9	4.4	4.6	4.8	4.4	4.4	4.3	4.1	4.4	4.4
Both sexes, 16 to 19 years:													
Civilian labor force	6,937	7,118	7,262	7,347	7,348	7,387	7,230	7,456	7,612	7,575	7,582	7,532	7,219
Employed	6,009	6,059	6,213	6,373	6,380	6,406	6,332	6,435	6,656	6,566	6,545	6,659	6,357
Unemployed	928	1,059	1,049	974	968	981	898	1,021	956	1,009	1,037	873	862
Unemployment rate	13.4	14.9	14.4	13.3	13.2	13.3	12.4	13.7	12.6	13.3	13.7	11.6	11.9
Negro and other races													
Total:													
Civilian labor force	9,604	9,600	9,587	9,632	9,701	9,725	9,647	9,788	10,030	9,981	9,962	9,927	10,146
Employed	8,645	8,668	8,630	8,668	8,723	8,787	8,790	8,906	9,127	9,073	9,027	9,086	9,199
Unemployed	959	932	957	964	978	938	857	882	903	908	935	841	947
Unemployment rate	10.0	9.7	10.0	10.0	10.1	9.6	8.9	9.0	9.0	9.1	9.4	8.5	9.3
Males, 20 years and over:													
Civilian labor force	4,895	4,866	4,862	4,890	4,874	4,892	4,823	4,887	5,036	5,042	5,050	5,038	5,115
Employed	4,516	4,538	4,548	4,592	4,587	4,608	4,578	4,621	4,730	4,729	4,707	4,764	4,791
Unemployed	379	328	314	298	287	284	245	266	306	313	343	274	324
Unemployment rate	7.7	6.7	6.5	6.1	5.9	5.8	5.1	5.4	6.1	6.2	6.8	5.4	6.3
Females, 20 years and over:													
Civilian labor force	3,848	3,845	3,887	3,922	3,965	3,979	3,997	3,994	4,106	3,997	4,003	3,954	4,102
Employed	3,531	3,518	3,517	3,534	3,593	3,638	3,628	3,665	3,769	3,711	3,686	3,650	3,770
Unemployed	317	327	370	388	372	341	369	329	337	286	317	304	332
Unemployment rate	8.2	8.5	9.5	9.9	9.4	8.6	9.2	8.2	8.2	7.2	7.9	7.7	8.1
Both sexes, 16 to 19 years:													
Civilian labor force	861	889	838	820	862	854	827	907	888	942	909	935	929
Employed	598	612	565	542	543	541	584	620	628	633	634	672	638
Unemployed	263	277	273	278	319	313	243	287	260	309	275	263	291
Unemployment rate	30.5	31.2	32.6	33.9	37.0	36.7	29.4	31.6	29.3	32.8	30.3	28.1	31.3

A-34: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Less than 5 weeks	2,208	2,255	2,312	2,239	2,151	2,026	2,060	2,324	2,138	2,184	2,257	2,233	2,213
5 to 14 weeks	1,487	1,490	1,395	1,455	1,348	1,444	1,375	1,265	1,330	1,485	1,290	1,202	1,268
15 weeks and over	1,151	1,170	1,134	1,117	1,068	1,001	919	895	859	763	802	775	750
15 to 26 weeks	648	625	590	589	579	530	515	530	479	460	450	453	482
27 weeks and over	503	545	544	528	489	471	404	365	380	303	352	322	268
Average (mean) duration	11.8	12.0	12.1	11.9	11.6	11.4	10.9	10.5	10.5	9.9	10.0	9.8	9.6

HOUSEHOLD DATA SEASONALLY ADJUSTED

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A-35: Major unemployment indicators, seasonally adjusted
(Unemployment rates)

Selected categories	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total (all civilian workers)	5.6	5.6	5.5	5.5	5.2	5.1	5.0	5.1	5.0	5.0	5.0	4.8	4.7
Men, 20 years and over	3.9	3.9	3.8	3.9	3.5	3.4	3.3	3.4	3.4	3.4	3.4	3.2	3.0
Women, 20 years and over	5.7	5.5	5.4	5.5	5.0	5.1	5.3	4.9	4.9	4.7	4.6	4.9	4.9
Both sexes, 16-19 years	15.5	16.7	16.2	15.4	15.6	15.7	14.3	15.8	14.2	15.4	15.4	13.3	14.4
White	5.0	5.1	5.0	5.0	4.6	4.6	4.6	4.6	4.4	4.5	4.4	4.3	4.1
Negro and other races	10.0	9.7	10.0	10.0	10.1	9.6	8.9	9.0	9.0	9.1	9.4	8.5	9.3
Household heads	3.3	3.3	3.3	3.4	2.9	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.7
Married men	2.7	2.6	2.8	2.8	2.5	2.4	2.4	2.4	2.5	2.4	2.3	2.3	2.1
Full-time workers	5.1	5.1	5.0	5.0	4.6	4.7	4.6	4.6	4.5	4.5	4.4	4.2	4.1
Part-time workers	8.1	8.8	8.7	8.5	8.4	8.4	7.9	7.9	7.5	8.4	8.6	8.6	8.4
Unemployed 15 weeks and over ¹	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	.9	.9	.9	.8
State insured ²	3.7	3.4	3.3	3.2	3.1	3.1	2.9	2.8	2.9	2.7	2.7	2.8	2.7
Labor force time lost ³	6.0	6.1	5.8	5.8	5.4	5.3	5.3	5.4	5.2	5.3	5.3	5.1	5.2
Occupation													
White-collar workers	3.4	3.5	3.4	3.5	3.1	3.3	3.2	3.0	2.9	3.1	2.8	2.8	2.9
Professional and technical	2.5	2.4	2.3	2.6	2.2	2.6	2.4	2.0	2.3	2.2	2.0	1.9	1.9
Managers and administrators, except farm	1.9	1.8	1.7	2.0	1.9	1.7	1.6	1.7	1.2	1.5	1.4	1.4	1.5
Sales workers	4.2	4.7	4.7	4.4	4.3	4.3	3.9	3.5	3.5	3.9	3.6	3.4	3.6
Clerical workers	4.6	4.8	4.7	4.8	3.9	4.4	4.5	4.3	4.2	4.4	4.0	4.1	4.1
Blue-collar workers	6.5	6.4	6.0	6.0	5.8	5.6	5.6	5.7	5.4	5.4	5.4	5.3	5.3
Craftsmen and kindred workers	4.3	4.3	4.0	4.1	4.2	3.9	3.7	3.8	3.8	3.7	3.6	3.5	4.1
Operatives	7.2	6.7	6.3	6.3	5.9	5.8	6.3	6.2	5.8	5.6	5.7	5.7	5.3
Nonfarm laborers	9.6	10.7	9.5	9.3	9.1	8.8	8.4	8.9	8.2	8.7	8.9	8.7	8.2
Service workers	6.5	6.3	6.9	6.4	6.3	6.2	5.5	6.1	6.2	6.0	5.7	5.0	5.6
Farm workers	2.3	2.7	2.7	2.9	3.4	2.3	2.4	2.5	2.2	3.0	3.7	2.6	1.9
Industry													
Nonagricultural private wage and salary workers ⁴	5.7	5.8	5.6	5.6	5.3	5.2	5.1	5.1	4.9	4.9	4.9	4.7	4.7
Construction	10.7	11.0	9.8	10.3	10.5	9.8	9.0	8.7	8.5	9.4	9.0	7.9	9.6
Manufacturing	5.6	5.5	5.1	5.1	4.6	4.4	5.0	4.5	4.6	4.3	4.5	4.4	3.8
Durable goods	5.7	5.2	4.8	4.5	4.2	3.9	4.6	4.3	4.5	3.8	4.1	3.7	3.3
Nondurable goods	5.6	5.8	5.5	5.8	5.2	5.2	5.5	4.9	4.9	5.1	5.1	5.3	4.5
Transportation and public utilities	3.8	3.9	3.9	3.3	2.8	2.7	2.9	3.2	3.0	2.5	2.8	3.6	2.7
Wholesale and retail trade	6.5	6.6	6.6	6.5	6.3	6.1	5.6	5.9	5.3	5.7	5.6	5.2	6.0
Finance and service industries	4.5	4.6	4.6	5.0	4.5	4.9	4.4	4.7	4.7	4.5	4.1	4.0	4.0
Government workers	3.0	3.0	3.2	3.0	2.9	3.0	2.3	2.6	2.6	3.3	2.7	2.6	3.0
Agricultural wage and salary workers	6.1	6.9	8.2	10.0	8.7	6.4	6.4	7.3	6.5	8.1	9.7	6.8	5.0

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

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

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

⁴ Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-36: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over	5.6	5.6	5.5	5.5	5.2	5.1	5.0	5.1	5.0	5.0	5.0	4.8	4.7
16 to 19 years	15.5	16.7	16.2	15.4	15.6	15.7	14.3	15.8	14.2	15.4	15.4	13.3	14.4
16 and 17 years	17.0	20.0	19.3	17.6	18.3	17.5	17.3	18.8	17.2	19.4	18.7	17.2	16.3
18 and 19 years	14.2	14.1	14.1	13.7	13.7	14.4	12.2	13.5	12.2	12.6	13.4	10.0	12.7
20 to 24 years	9.6	9.2	9.0	9.2	8.4	8.7	8.2	7.9	7.9	8.1	8.1	7.7	8.0
25 years and over	3.7	3.6	4.5	3.6	3.3	3.2	3.3	3.3	3.2	3.1	3.1	3.2	3.0
25 to 54 years	3.8	3.7	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.3	3.0
55 years and over	3.4	3.7	3.1	3.4	2.8	3.0	2.9	2.7	2.6	2.5	2.5	2.6	2.8
Males, 16 years and over	4.7	4.9	4.8	4.8	4.6	4.4	4.2	4.3	4.3	4.4	4.4	4.1	3.9
16 to 19 years	14.3	16.2	15.7	14.5	15.7	15.4	13.4	14.4	13.4	14.7	14.7	12.8	14.0
16 and 17 years	15.2	19.7	20.0	17.1	18.4	17.4	17.1	18.0	17.1	20.0	18.0	16.7	16.5
18 and 19 years	13.4	13.3	12.7	12.5	13.7	13.7	11.0	11.3	10.6	10.7	12.3	9.6	11.4
20 to 24 years	9.3	8.8	8.6	8.8	8.5	8.2	7.7	7.5	7.5	7.9	7.8	7.4	6.9
25 years and over	3.0	3.1	3.0	3.1	2.8	2.7	2.6	2.7	2.7	2.7	2.7	2.5	2.4
25 to 54 years	3.0	3.0	2.9	2.9	2.8	2.6	2.7	2.8	2.8	2.8	2.7	2.5	2.3
55 years and over	3.2	3.4	3.4	3.5	2.7	3.0	2.5	2.3	2.2	2.4	2.6	2.8	2.9
Females, 16 years and over	6.9	6.8	6.6	6.7	6.1	6.3	6.4	6.3	6.1	6.0	5.9	5.9	5.9
16 to 19 years	16.9	17.3	16.9	16.6	15.4	16.2	15.4	17.5	15.2	16.2	16.3	13.9	14.9
16 and 17 years	19.4	20.6	18.3	18.4	18.1	17.6	17.7	20.0	17.4	18.7	19.6	17.7	15.9
18 and 19 years	15.0	15.1	15.9	15.2	13.8	15.4	13.7	16.1	14.0	14.8	14.7	10.4	14.2
20 to 24 years	9.9	9.6	9.6	9.7	8.2	9.2	8.9	8.3	8.4	8.3	8.4	8.0	9.4
25 years and over	4.8	4.6	4.5	4.5	4.3	4.2	4.4	4.3	4.1	3.9	3.7	4.2	3.9
25 to 54 years	5.1	4.9	4.9	4.8	4.6	4.6	4.7	4.5	4.3	4.3	4.1	4.7	4.3
55 years and over	3.8	4.1	2.7	3.2	3.0	3.0	3.7	3.5	3.4	2.6	2.3	2.4	2.6

A-37: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Number of unemployed													
Lost last job	2,133	2,185	2,102	1,988	1,882	1,846	1,758	1,724	1,677	1,652	1,597	1,713	1,584
Left last job	634	648	653	685	646	672	550	671	745	653	605	659	663
Reentered labor force	1,434	1,423	1,422	1,450	1,375	1,322	1,409	1,377	1,296	1,484	1,509	1,203	1,301
Never worked before	620	645	656	638	621	629	679	684	714	704	765	620	629
Percent distribution													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	44.2	44.6	43.5	41.8	41.6	41.3	40.0	38.7	37.8	36.8	35.7	40.8	37.9
Left last job	13.2	13.2	13.5	14.4	14.3	15.0	12.5	15.1	16.8	14.5	13.5	15.7	15.9
Reentered labor force	29.7	29.0	29.4	30.5	30.4	29.6	32.1	30.9	29.2	33.0	33.7	28.7	31.1
Never worked before	12.9	13.2	13.6	13.4	13.7	14.1	15.4	15.4	16.1	15.7	17.1	14.8	15.1
Unemployed as a percent of the civilian labor force													
Lost last job	2.5	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.9	1.8
Left last job .....	.7	.7	.8	.8	.7	.8	.6	.8	.8	.7	.7	.7	.7
Reentered labor force	1.7	1.6	1.6	1.7	1.6	1.5	1.6	1.6	1.5	1.7	1.7	1.4	1.5
Never worked before .....	.7	.7	.8	.7	.7	.7	.8	.8	.8	.8	.9	.7	.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-38: Employed persons by sex and age, seasonally adjusted
(In thousands)

Sex and age	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total													
16 years and over	81,782	82,061	82,256	82,397	82,525	82,780	82,555	83,127	83,889	83,917	84,024	84,674	84,614
16 to 19 years	6,593	6,678	6,773	6,889	6,924	6,948	6,898	7,017	7,329	7,222	7,179	7,384	6,975
16 and 17 years	2,731	2,716	2,772	2,814	2,816	2,861	2,772	2,898	3,018	2,992	3,024	3,004	2,936
18 and 19 years	3,888	3,953	3,981	4,076	4,099	4,070	4,144	4,166	4,282	4,190	4,180	4,353	4,073
20 to 24 years	10,866	10,976	11,051	11,160	11,246	11,266	11,321	11,428	11,585	11,593	11,636	11,717	11,661
25 years and over	64,200	64,369	64,481	64,449	64,357	64,554	64,417	64,777	65,041	65,164	65,230	65,507	65,848
25 to 54 years	50,191	50,355	50,410	50,409	50,440	50,671	50,667	50,991	51,135	51,362	51,524	51,736	52,040
55 years and over	13,984	14,027	14,099	14,024	13,910	13,889	13,747	13,812	13,864	13,753	13,696	13,794	13,823
Male													
16 years and over	50,708	50,852	51,034	51,132	51,165	51,336	51,201	51,375	51,812	51,639	51,587	51,948	52,028
16 to 19 years	3,666	3,782	3,838	3,905	3,857	3,861	3,840	3,927	4,101	4,017	3,919	4,035	3,888
16 and 17 years	1,579	1,603	1,582	1,631	1,619	1,636	1,560	1,671	1,758	1,675	1,706	1,704	1,667
18 and 19 years	2,109	2,171	2,238	2,284	2,231	2,229	2,285	2,311	2,327	2,297	2,231	2,315	2,243
20 to 24 years	6,061	6,097	6,185	6,263	6,297	6,349	6,383	6,394	6,524	6,498	6,533	6,529	6,544
25 years and over	40,935	40,936	41,025	41,034	41,006	41,107	41,026	41,108	41,248	41,166	41,155	41,340	41,560
25 to 54 years	32,069	32,085	32,131	32,123	32,195	32,267	32,322	32,346	32,385	32,502	32,556	32,682	32,896
55 years and over	8,847	8,853	8,890	8,870	8,827	8,841	8,705	8,779	8,851	8,691	8,583	8,675	8,651
Female													
16 years and over	31,074	31,209	31,222	31,265	31,360	31,444	31,354	31,752	32,077	32,278	32,437	32,726	32,586
16 to 19 years	2,927	2,896	2,935	2,984	3,067	3,087	3,058	3,090	3,228	3,205	3,260	3,349	3,087
16 and 17 years	1,152	1,113	1,190	1,183	1,197	1,225	1,212	1,227	1,260	1,317	1,318	1,300	1,269
18 and 19 years	1,779	1,782	1,743	1,792	1,868	1,841	1,859	1,855	1,955	1,893	1,949	2,038	1,830
20 to 24 years	4,805	4,879	4,866	4,897	4,949	4,917	4,938	5,034	5,061	5,095	5,103	5,188	5,117
25 years and over	23,265	23,433	23,456	23,415	23,351	23,447	23,391	23,669	23,793	23,998	24,075	24,167	24,288
25 to 54 years	18,122	18,270	18,279	18,286	18,245	18,404	18,345	18,645	18,750	18,860	18,968	19,054	19,144
55 years and over	5,137	5,174	5,209	5,154	5,083	5,048	5,042	5,033	5,013	5,062	5,113	5,119	5,172

A-39: Employed persons by major occupational group, seasonally adjusted
(In thousands)

Occupational group	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
White-collar workers													
Professional & technical	11,418	11,682	11,631	11,494	11,632	11,628	11,798	11,737	11,635	11,451	11,485	11,710	11,672
Managers and administrators, except farm	8,009	8,053	7,993	8,080	8,162	8,342	8,389	8,504	8,480	8,559	8,555	8,490	8,571
Sales workers	5,364	5,339	5,453	5,440	5,458	5,311	5,561	5,410	5,443	5,447	5,453	5,532	5,433
Clerical workers	14,309	14,289	14,416	14,415	14,384	14,200	14,175	14,403	14,569	14,401	14,574	14,379	14,428
Blue-collar workers													
Craftsmen and kindred workers	10,818	10,811	10,796	10,742	10,703	10,763	10,909	10,980	11,213	11,271	11,472	11,610	11,525
Operatives ¹	13,421	13,448	13,597	13,714	13,758	13,817	13,827	14,168	14,212	14,425	14,339	14,137	14,396
Nonfarm laborers	4,299	4,285	4,305	4,394	4,293	4,321	4,253	4,131	4,233	4,291	4,255	4,296	4,343
Service workers	11,072	10,997	10,968	10,963	10,956	10,060	10,756	10,745	10,946	11,099	11,107	11,388	11,137
Farmers and farm laborers	3,015	3,169	3,146	3,249	3,193	3,244	3,089	3,066	3,047	2,911	2,872	2,982	3,093

¹ Data represent the sum of transport equipment operatives and operatives, except transport.

A-40: Employment status of male Vietnam Era veterans and nonveterans 20 to 34 years of age

Employment status	(Numbers in thousands)									
	July 1972	June 1973	July 1973	Seasonally adjusted					June 1973	July 1973
				July 1972	March 1973	April 1973	May 1973			
VETERANS¹										
Total, 20 to 29 years										
Civilian noninstitutional population ²	4,551	4,682	4,687	4,551	4,665	4,675	4,681	4,682	4,687	
Civilian labor force	4,280	4,430	4,426	4,201	4,333	4,370	4,349	4,380	4,343	
Employed	3,979	4,185	4,189	3,895	4,079	4,101	4,093	4,118	4,100	
Unemployed	301	245	237	306	254	269	256	262	243	
Unemployment rate	7.0	5.5	5.4	7.3	5.9	6.2	5.9	6.0	5.6	
20 to 24 years										
Civilian noninstitutional population ²	1,928	1,681	1,652	1,928	1,766	1,741	1,713	1,681	1,652	
Civilian labor force	1,787	1,566	1,504	1,747	1,613	1,598	1,556	1,551	1,470	
Employed	1,596	1,419	1,378	1,560	1,464	1,453	1,420	1,388	1,347	
Unemployed	191	147	126	187	149	145	136	163	123	
Unemployment rate	10.7	9.4	8.4	10.7	9.2	9.1	8.7	10.5	8.4	
25 to 29 years										
Civilian noninstitutional population ²	2,623	3,001	3,035	2,623	2,899	2,934	2,968	3,001	3,035	
Civilian labor force	2,493	2,864	2,922	2,454	2,720	2,772	2,793	2,829	2,873	
Employed	2,383	2,766	2,811	2,335	2,615	2,648	2,673	2,730	2,753	
Unemployed	110	98	111	119	105	124	120	99	120	
Unemployment rate	4.4	3.4	3.8	4.8	3.9	4.5	4.3	3.5	4.2	
Total, 30 to 34 years										
Civilian noninstitutional population ²	706	1,003	1,031	706	917	946	974	1,003	1,031	
Civilian labor force	682	975	1,003	681	901	919	939	983	1,005	
Employed	656	954	985	659	865	893	920	960	990	
Unemployed	26	21	18	22	36	26	19	23	15	
Unemployment rate	3.8	2.2	1.8	3.2	4.0	2.8	2.0	2.3	1.5	
NONVETERANS										
Total, 20 to 29 years										
Civilian noninstitutional population ²	10,085	10,745	10,797	10,085	10,555	10,604	10,662	10,745	10,797	
Civilian labor force	9,236	9,788	9,997	8,737	9,329	9,348	9,457	9,390	9,437	
Employed	8,635	9,190	9,449	8,159	8,749	8,781	8,851	8,866	8,906	
Unemployed	601	598	548	578	580	567	606	524	531	
Unemployment rate	6.5	6.1	5.5	6.6	6.2	6.1	6.4	5.6	5.6	
20 to 24 years										
Civilian noninstitutional population ²	6,086	6,629	6,675	6,086	6,455	6,499	6,549	6,629	6,675	
Civilian labor force	5,420	5,893	6,078	4,924	5,449	5,461	5,541	5,499	5,520	
Employed	4,960	5,448	5,697	4,495	5,068	5,041	5,119	5,135	5,165	
Unemployed	460	445	381	429	381	420	422	364	355	
Unemployment rate	8.5	7.6	6.3	8.7	7.0	7.7	7.6	6.6	6.4	
25 to 29 years										
Civilian noninstitutional population ²	3,999	4,116	4,122	3,999	4,100	4,105	4,113	4,116	4,122	
Civilian labor force	3,816	3,895	3,919	3,813	3,880	3,887	3,916	3,891	3,917	
Employed	3,675	3,742	3,752	3,664	3,681	3,740	3,732	3,731	3,741	
Unemployed	141	153	167	149	199	147	184	160	176	
Unemployment rate	3.7	3.9	4.3	3.9	5.1	3.8	4.7	4.1	4.5	
Total, 30 to 34 years										
Civilian noninstitutional population ²	3,411	3,599	3,621	3,411	3,546	3,565	3,586	3,599	3,621	
Civilian labor force	3,280	3,465	3,506	3,291	3,413	3,428	3,462	3,480	3,516	
Employed	3,198	3,389	3,436	3,209	3,310	3,335	3,363	3,406	3,446	
Unemployed	82	76	70	82	103	93	99	74	70	
Unemployment rate	2.5	2.2	2.0	2.5	3.0	2.7	2.9	2.1	2.0	

¹ Vietnam Era veterans are those who served after August 4, 1964. Of the Vietnam Era veterans of all ages, 75 percent were 20 to 29 years of age and 16 percent were 30 to 34 years of age in July 1973. Post-Korean-peace-time veterans are not included in this table.

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

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

(In thousands)

Year and month	Total	Goods-producing				Service-producing								Government		
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Total	Federal	State and local	
								Total	Wholesale trade	Retail trade						
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-	
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-	
1921.....	24,382	10,231	962	1,012	8,257	14,151	3,459	4,589	-	-	1,163	2,412	2,528	-	-	
1922.....	25,827	11,234	929	1,185	9,120	14,593	3,505	4,903	-	-	1,144	2,503	2,538	-	-	
1923.....	28,394	12,741	1,212	1,229	10,300	15,653	3,882	5,290	-	-	1,190	2,684	2,607	-	-	
1924.....	28,040	12,093	1,101	1,321	9,671	15,947	3,807	5,407	-	-	1,231	2,782	2,720	-	-	
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-	
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,806	-	-	
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-	
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-	
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532	
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622	
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704	
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666	
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601	
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647	
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728	
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842	
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923	
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054	
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090	
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206	
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320	
1942.....	40,125	18,442	992	2,170	15,280	21,689	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270	
1943.....	42,452	20,094	925	1,567	17,602	22,353	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174	
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116	
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137	
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341	
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582	
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787	
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948	
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098	
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087	
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188	
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340	
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563	
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727	
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069	
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399	
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648	
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850	
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083	
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315	
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550	
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868	
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248	
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696	
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227	
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679	
1968.....	67,915	23,672	606	3,285	19,781	44,244	4,310	14,084	3,611	10,473	3,382	10,623	11,845	2,737	9,109	
1969.....	70,284	24,221	619	3,435	20,167	46,063	4,429	14,639	3,733	10,906	3,564	11,229	12,202	2,758	9,444	
1970.....	70,593	23,352	623	3,381	19,349	47,242	4,493	14,914	3,812	11,102	3,688	11,612	12,535	2,705	9,830	
1971.....	70,645	22,542	602	3,411	18,529	48,103	4,442	15,142	3,809	11,333	3,796	11,869	12,856	2,664	10,191	
1972.....	72,764	23,061	607	3,521	18,933	49,704	4,495	15,683	3,918	11,765	3,927	12,309	13,290	2,650	10,640	
1972: July	72,469	23,057	614	3,740	18,703	49,412	4,531	15,653	3,956	11,697	3,990	12,489	12,749	2,645	10,104	
Aug.	72,975	23,601	616	3,838	19,147	49,374	4,527	15,691	3,974	11,717	3,995	12,481	12,680	2,644	10,036	
Sept.	73,519	23,696	613	3,785	19,298	49,823	4,548	15,774	3,962	11,812	3,957	12,391	13,153	2,627	10,526	
Oct.	74,118	23,750	609	3,782	19,359	50,368	4,549	15,887	3,982	11,905	3,957	12,463	13,512	2,627	10,885	
Nov.	74,449	23,651	607	3,630	19,414	50,798	4,554	16,162	3,987	12,175	3,965	12,472	13,645	2,631	11,014	
Dec.	74,778	23,399	603	3,373	19,423	51,379	4,558	16,669	3,988	12,671	3,971	12,474	13,707	2,671	11,036	
1973: Jan.	73,343	23,032	598	3,155	19,279	50,311	4,510	15,865	3,973	11,892	3,959	12,406	13,571	2,619	10,952	
Feb.	73,724	23,202	598	3,184	19,420	50,522	4,507	15,776	3,974	11,802	3,978	12,530	13,731	2,619	11,112	
Mar.	74,255	23,413	598	3,294	19,521	50,842	4,539	15,880	3,989	11,891	4,000	12,627	13,796	2,623	11,173	
Apr.	74,861	23,631	603	3,442	19,586	51,230	4,559	16,088	4,000	12,088	4,019	12,771	13,793	2,631	11,162	
May.	75,404	23,891	608	3,616	19,667	51,513	4,593	16,200	4,014	12,186	4,040	12,865	13,815	2,638	11,177	
June	76,214	24,473	626	3,833	20,014	51,741	4,653	16,317	4,095	12,222	4,089	12,982	13,700	2,631	11,069	
July ^a	75,344	24,254	628	3,927	19,699	51,090	4,656	16,238	4,109	12,129	4,114	12,997	13,085	2,632	10,453	

^apreliminary.

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

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry

		(In thousands)									
SIC CODE	Industry	All employees					Production workers ¹				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
-	TOTAL	73,463	72,469	75,404	76,214	75,344	—	—	—	—	—
-	PRIVATE SECTOR	60,152	59,720	61,589	62,514	62,259	49,862	49,407	51,025	51,857	51,528
-	MINING	614	614	608	626	628	464	466	461	475	478
10	METAL MINING	87.0	85.5	88.8	90.7	—	69.2	67.9	70.6	72.0	—
101	Iron ores	20.9	19.2	21.5	21.8	—	16.8	15.3	17.5	17.8	—
102	Copper ores	38.7	38.9	41.4	42.5	—	30.5	30.8	33.0	33.9	—
11,12	COAL MINING	144.9	145.3	141.0	142.8	—	122.7	123.3	120.4	121.8	—
12	Bituminous coal and lignite mining.....	140.7	141.7	137.5	139.1	—	119.1	120.0	117.3	118.7	—
13	OIL AND GAS EXTRACTION	264.7	265.5	261.3	270.9	—	175.1	177.1	174.4	182.3	—
131,2	Crude petroleum and natural gas fields ...	140.2	141.4	133.4	136.3	—	72.7	73.2	67.8	69.8	—
138	Oil and gas field services	124.5	124.1	127.9	134.6	—	102.4	103.9	106.6	112.5	—
14	NONMETALLIC MINERALS, EXCEPT FUELS	117.7	118.1	117.0	121.3	—	97.2	97.6	95.4	99.2	—
142	Crushed and broken stone	41.4	41.4	41.0	42.4	—	35.3	35.3	34.3	35.6	—
144	Sand and gravel	40.1	40.8	40.3	42.1	—	—	—	—	—	—
-	CONTRACT CONSTRUCTION	3,717	3,740	3,616	3,833	3,927	3,095	3,115	2,984	3,193	3,284
15	GENERAL BUILDING CONTRACTORS	1,074.3	1,087.2	1,052.1	1,120.7	—	883.1	897.5	859.1	923.5	—
16	HEAVY CONSTRUCTION CONTRACTORS ..	828.1	838.8	776.1	849.2	—	712.8	722.7	658.3	729.8	—
161	Highway and street construction.....	400.9	407.1	356.2	402.7	—	356.6	362.8	311.0	356.5	—
162	Heavy construction, n e c.....	427.2	431.7	419.9	446.5	—	356.2	359.9	347.3	373.3	—
17	SPECIAL TRADE CONTRACTORS	1,815.0	1,813.9	1,787.7	1,863.1	—	1,498.7	1,495.1	1,466.7	1,539.4	—
171	Plumbing, heating, air conditioning	447.6	442.9	435.5	452.6	—	353.9	347.6	339.2	355.6	—
172	Painting, paper hanging, decorating.....	137.8	143.9	128.5	135.9	—	120.0	126.1	111.7	118.8	—
173	Electrical work	322.5	330.2	327.3	338.4	—	257.3	264.8	262.0	272.4	—
174	Masonry, stonework, and plastering.....	217.7	213.4	209.8	213.4	—	196.5	191.9	187.5	192.4	—
176	Roofing and sheet metal work	121.4	122.8	120.3	124.9	—	99.8	101.2	98.2	102.3	—
-	MANUFACTURING	19,070	18,703	19,667	20,014	19,699	13,960	13,590	14,457	14,752	14,429
19,24,25, 32-39	DURABLE GOODS	10,953	10,713	11,575	11,758	11,562	7,985	7,739	8,514	8,669	8,468
20-23, 26-31	NONDURABLE GOODS	8,117	7,990	8,092	8,256	8,137	5,975	5,851	5,943	6,083	5,961
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	188.1	189.7	191.2	192.0	192.4	94.1	95.3	97.6	97.7	98.9
192	Ammunition, except for small arms	128.4	130.1	134.2	134.0	134.4	57.0	58.2	63.0	62.3	63.4
1925	Complete guided missiles	89.5	90.7	93.5	93.9	—	26.7	27.4	30.3	30.2	—
1929	Ammunition, exc. for small arms, nec ...	38.9	39.4	40.7	40.1	—	30.3	30.8	32.7	32.1	—
24	LUMBER AND WOOD PRODUCTS	630.0	629.3	624.9	647.5	644.7	544.5	543.3	538.5	560.7	557.3
241	Logging camps & logging contractors	72.0	73.7	68.3	73.2	73.5	—	—	—	—	—
242	Sawmills and planing mills	223.7	222.3	216.2	222.9	222.9	203.0	201.4	195.9	202.3	202.2
2421	Sawmills and planing mills, general	190.6	189.3	184.1	189.8	—	173.1	171.6	167.0	172.4	—
243	Millwork, plywood & related products	209.6	211.1	215.0	222.1	220.5	175.2	176.4	179.5	186.9	185.1
2431	Millwork	88.4	88.8	90.6	93.2	—	72.7	73.0	74.2	76.7	—
2432	Veneer and plywood	82.4	83.0	85.8	87.7	—	72.9	73.5	75.9	78.1	—
244	Wooden containers	29.9	29.5	27.1	28.8	28.2	26.8	26.3	24.1	26.0	25.5
2441,2	Wooden boxes, shooks, and crates	24.2	24.0	21.4	22.7	—	21.8	21.5	19.1	20.6	—
249	Miscellaneous wood products	94.8	92.7	98.3	100.5	99.6	78.6	76.6	81.1	83.0	82.6

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	491.4	485.1	516.8	526.1	509.6	406.0	399.9	426.6	435.6	421.0
251	Household furniture	354.3	348.3	374.9	381.0	(*)	300.2	294.7	318.4	323.6	(*)
2511	Wood household furniture	175.5	173.7	184.7	189.6	—	154.0	152.4	162.6	167.1	—
2512	Upholstered household furniture	101.3	99.3	106.6	108.2	—	84.9	83.0	89.1	90.3	—
2515	Mattresses and bedsprings	38.3	38.3	39.3	40.1	—	29.4	29.5	30.3	30.9	—
252	Office furniture	38.7	38.0	40.6	41.5	—	30.2	29.6	32.1	33.1	—
254	Partitions and fixtures	50.6	51.2	54.4	55.0	—	39.0	39.4	41.2	41.9	—
253,9	Other furniture and fixtures	47.8	47.6	46.9	48.6	47.9	36.6	36.2	34.9	37.0	36.3
32	STONE, CLAY, AND GLASS PRODUCTS	675.4	672.9	692.3	708.2	702.4	540.9	539.3	554.5	568.4	563.8
321	Flat glass	24.1	24.2	26.1	26.8	—	17.9	18.0	18.8	19.2	—
322	Glass and glassware, pressed or blown	137.2	135.0	140.1	142.7	(*)	118.7	117.0	120.9	123.3	(*)
3221	Glass containers	79.2	78.6	78.5	80.6	—	70.0	69.4	69.0	71.0	—
3229	Pressed and blown glass, n e c	58.0	56.4	61.6	62.1	—	48.7	47.6	51.9	52.3	—
324	Cement, hydraulic	34.6	34.7	33.5	34.6	34.9	27.3	27.4	26.2	27.3	27.6
325	Structural clay products	60.8	60.8	59.9	62.2	61.4	50.7	50.8	49.7	51.7	51.7
3251	Brick and structural clay tile	26.6	26.9	26.3	27.7	—	23.2	23.5	22.7	23.9	—
326	Pottery and related products	44.4	44.0	47.1	45.9	—	37.4	36.5	40.0	38.5	—
327	Concrete, gypsum, and plaster products	205.5	206.4	207.4	213.4	214.7	161.0	162.4	162.5	168.6	169.7
328,9	Other stone and nonmetallic mineral products	137.0	136.3	143.1	146.5	147.0	103.0	102.6	109.1	111.6	111.7
3291	Abrasive products	26.8	26.9	29.2	30.0	—	18.8	18.8	20.8	21.4	—
33	PRIMARY METAL INDUSTRIES	1,246.2	1,232.3	1,310.3	1,331.2	1,317.2	996.8	980.8	1,055.6	1,073.9	1,058.1
331	Blast furnace and basic steel products	583.2	582.6	603.0	614.8	(*)	467.6	465.6	485.2	495.4	(*)
3312	Blast furnaces and steel mills	501.1	501.4	518.7	528.7	—	403.0	402.3	418.6	427.2	—
332	Iron and steel foundries	221.8	214.3	234.0	237.6	236.0	185.3	177.3	196.7	199.9	197.2
3321	Gray iron foundries	140.3	133.6	148.3	151.0	—	119.3	112.1	126.4	128.9	—
3322	Malleable iron foundries	25.2	24.8	25.8	26.0	—	21.3	20.7	21.9	22.0	—
3323	Steel foundries	56.3	55.9	59.9	60.6	—	44.7	44.5	48.4	49.0	—
333,4	Nonferrous metals	84.2	83.2	85.8	86.9	88.8	65.8	64.6	66.6	67.5	68.7
3334	Primary aluminum	28.8	29.2	31.1	31.3	—	23.7	24.0	25.5	25.6	—
335	Nonferrous rolling and drawing	203.4	203.7	218.3	220.2	(*)	152.2	152.7	167.1	168.8	(*)
3351	Copper rolling and drawing	39.9	38.5	41.6	42.2	—	30.4	29.1	32.4	33.1	—
3352	Aluminum rolling and drawing	65.2	67.5	70.7	71.0	—	48.1	50.4	53.6	53.9	—
3357	Nonferrous wire drawing and insulating	77.8	77.6	84.4	85.1	—	59.0	58.8	65.5	65.9	—
336	Nonferrous foundries	84.1	81.3	94.7	96.7	93.3	70.5	67.4	79.8	81.6	78.4
3361	Aluminum castings	44.0	42.6	50.1	51.1	—	37.5	35.8	42.8	43.8	—
3362,9	Other nonferrous castings	40.1	38.7	44.6	45.6	—	33.0	31.6	37.0	37.8	—
339	Miscellaneous primary metal products	69.5	67.2	74.5	75.0	(*)	55.4	53.2	60.2	60.7	(*)
3391	Iron and steel forgings	46.2	44.4	48.9	48.9	—	37.6	35.7	40.0	40.1	—
34	FABRICATED METAL PRODUCTS	1,382.8	1,354.7	1,448.3	1,466.2	1,432.2	1,061.4	1,032.3	1,117.6	1,133.7	1,098.3
341	Metal cans	71.0	71.0	68.9	70.7	70.3	61.1	60.9	58.8	60.8	60.4
342	Cutlery, hand tools, and hardware	156.9	151.2	164.6	167.1	162.9	123.7	118.2	129.6	132.1	126.0
3421,3,5	Cutlery and hand tools, incl. saws	66.2	64.6	71.2	72.8	—	52.5	50.9	56.7	58.2	—
3429	Hardware, n e c	90.7	86.6	93.4	94.3	—	71.2	67.3	72.9	73.9	—
343	Plumbing and heating, except electric	82.0	79.1	83.9	83.8	(*)	62.1	59.1	63.9	63.9	(*)
3431,2	Sanitary ware & plumbers' brass goods	39.7	37.1	40.4	39.2	—	31.9	29.4	32.4	31.4	—
3433	Heating equipment, except electric	42.3	42.0	43.5	44.6	—	30.2	29.7	31.5	32.5	—
344	Fabricated structural metal products	431.2	432.5	450.8	458.1	(*)	309.6	309.8	324.5	330.8	(*)
3441	Fabricated structural steel	101.8	101.2	104.4	105.5	—	73.8	72.9	76.0	77.2	—
3442	Metal doors, sash, and trim	77.9	78.3	78.5	79.7	—	57.7	57.9	58.4	59.1	—
3443	Fabricated plate work (boiler shops)	111.2	111.1	118.1	119.9	—	76.7	76.2	81.9	83.2	—
3444	Sheet metal work	84.4	85.1	89.3	91.1	—	61.8	62.3	65.2	67.0	—
3446,9	Architectural and misc. metal work	55.9	56.8	60.5	61.9	—	39.6	40.5	43.0	44.3	—
345	Screw machine products, bolts, etc	98.3	95.0	103.1	104.7	—	77.1	74.2	82.0	83.4	—
3451	Screw machine products	42.9	41.1	46.2	47.3	—	35.5	33.9	38.8	39.7	—
3452	Bolts, nuts, rivets, and washers	55.4	53.9	56.9	57.4	—	41.6	40.3	43.2	43.7	—
346	Metal stampings	232.0	221.3	249.6	249.7	238.7	186.9	175.7	203.8	203.8	193.2
347	Metal services, n e c	86.6	85.0	93.9	95.1	93.1	71.4	69.8	78.1	79.1	76.9
348	Misc. fabricated wire products	68.6	66.3	70.5	71.5	70.4	55.0	52.9	56.8	57.8	56.8
349	Misc. fabricated metal products	156.2	153.3	163.0	165.5	163.2	114.5	111.7	120.1	122.0	119.7
3494,8	Valves, pipe, and pipe fittings	97.4	94.9	102.4	103.6	—	68.2	65.9	72.2	73.1	—

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p	June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	1,871.2	1,855.3	2,022.7	2,052.6	2,024.2	1,241.3	1,224.9	1,367.5	1,390.2	1,360.9
351	Engines and turbines	111.0	108.9	117.3	117.6	119.1	72.7	71.2	77.5	77.4	79.2
3511	Steam engines and turbines	44.1	42.8	44.2	44.2	—	24.4	23.2	23.6	23.5	—
3519	Internal combustion engines, n e c	66.9	66.1	73.1	73.4	—	48.3	48.0	53.9	53.9	—
352	Farm machinery	133.2	130.7	147.9	148.8	—	95.3	92.7	107.3	108.3	—
353	Construction and related machinery	288.4	288.7	309.3	316.3	313.2	188.0	188.6	206.8	212.4	208.6
3531,2	Construction and mining machinery	155.9	155.1	169.3	172.9	—	103.5	103.0	116.3	119.2	—
3533	Oil field machinery	45.7	46.0	48.5	49.6	—	31.6	32.0	33.6	34.5	—
3535,6	Conveyors, hoists, cranes, monorails	40.2	40.4	41.4	42.2	—	24.7	25.0	26.1	26.7	—
3537	Industrial trucks and tractors	30.8	30.9	35.3	36.6	—	20.2	20.3	23.7	24.8	—
354	Metal working machinery	287.8	284.3	320.9	325.2	320.0	209.5	205.9	238.6	242.1	237.1
3541	Machine tools, metal cutting types	57.0	56.1	65.4	66.6	—	36.3	35.4	43.6	44.5	—
3544	Special dies, tools, jigs, & fixtures	113.2	109.9	123.8	124.0	—	91.2	88.2	100.9	101.0	—
3545	Machine tool accessories	47.8	48.4	55.4	56.4	—	33.8	34.2	40.6	41.4	—
3542,8	Misc. metal working machinery	69.8	69.9	76.3	78.2	—	48.2	48.1	53.5	55.2	—
355	Special industry machinery	179.2	177.1	190.2	192.7	189.9	117.4	115.0	126.2	128.3	124.2
3551	Food products machinery	38.0	38.3	40.3	40.7	—	24.3	24.5	26.5	26.9	—
3552	Textile machinery	37.5	36.7	38.1	38.9	—	27.8	26.9	29.0	29.6	—
3555	Printing trades machinery	26.7	25.6	28.3	28.3	—	16.3	15.2	17.7	17.7	—
356	General industrial machinery	267.1	263.0	285.3	290.6	(*)	179.3	175.6	195.7	199.8	(*)
3561	Pumps and compressors	76.7	76.4	80.0	81.6	—	47.5	47.0	50.5	51.7	—
3562	Ball and roller bearings	52.4	50.3	55.0	55.6	—	40.5	38.8	43.0	43.4	—
3564	Blowers and fans	33.1	32.5	35.6	36.2	—	20.8	20.3	23.0	23.5	—
3566	Power transmission equipment	47.5	47.4	52.3	53.7	—	33.9	33.7	38.0	39.1	—
357	Office and computing machines	244.5	244.2	260.5	264.4	265.9	111.2	109.6	119.2	120.9	121.3
3573	Electronic computing equipment	170.1	171.4	186.2	189.6	—	59.6	59.6	68.0	69.7	—
358	Service industry machines	150.2	150.3	160.9	162.3	(*)	104.9	104.8	114.5	115.7	(*)
3585	Refrigeration machinery	101.8	101.5	110.9	112.0	—	72.1	71.7	80.6	81.3	—
359	Misc. machinery, except electrical	209.8	208.1	230.4	234.7	231.1	163.0	161.5	181.7	185.3	182.0
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,830.2	1,813.0	1,970.0	2,004.0	1,990.5	1,235.5	1,216.9	1,357.6	1,385.6	1,374.1
361	Electric rest & distributing equipment	193.6	193.2	210.4	217.8	219.4	132.4	131.6	146.4	152.7	154.0
3611	Electric measuring instruments	66.1	66.2	76.8	79.5	—	40.9	40.7	48.8	51.1	—
3612	Transformers	52.6	52.6	57.0	58.3	—	38.6	38.6	42.6	43.8	—
3613	Switchgear and switchboard apparatus	74.9	74.4	76.6	80.0	—	52.9	52.3	55.0	57.8	—
362	Electrical industrial apparatus	210.8	209.6	228.0	231.9	232.2	146.7	145.6	163.6	166.7	166.5
3621	Motors and generators	114.4	113.5	124.1	125.2	—	82.1	81.3	92.3	93.0	—
3622	Industrial controls	59.1	59.3	62.9	64.5	—	38.2	38.3	41.3	42.8	—
363	Household appliances	196.9	194.3	215.3	217.6	219.3	157.2	153.9	172.6	174.9	176.3
3632	Household refrigerators and freezers	60.6	60.0	66.6	67.8	—	49.7	49.2	54.9	56.1	—
3633	Household laundry equipment	28.4	27.7	29.2	29.9	—	23.1	22.2	23.8	24.3	—
3634	Electric housewares and fans	49.8	49.1	54.2	54.2	—	39.5	38.6	43.4	43.4	—
364	Electric lighting and wiring equipment	201.8	196.9	218.3	221.9	217.1	156.2	151.1	171.1	173.8	169.5
3641	Electric lamps	36.3	35.5	39.2	39.6	—	32.0	31.0	35.0	35.3	—
3642	Lighting fixtures	67.6	65.7	70.4	71.5	—	52.0	49.9	54.5	55.4	—
3643,4	Wiring devices	97.9	95.7	108.7	110.8	—	72.2	70.2	81.6	83.1	—
365	Radio and TV receiving equipment	139.1	137.8	144.6	146.4	145.7	103.4	102.3	107.6	109.2	108.4
366	Communication equipment	428.1	427.1	432.3	435.5	433.1	213.7	213.0	222.0	224.8	224.9
3661	Telephone and telegraph apparatus	147.4	146.6	150.7	152.1	—	94.0	93.5	98.1	99.5	—
3662	Radio and TV communication equipment	280.7	280.5	281.6	283.4	—	119.7	119.5	123.9	125.3	—
367	Electronic components and accessories	337.9	335.3	386.8	395.4	388.7	230.8	228.0	268.2	275.7	268.0
3671-3	Electron tubes	50.8	50.5	53.0	53.5	—	35.0	35.8	37.3	37.6	—
3674,9	Other electronic components	287.1	284.8	333.8	342.9	—	194.8	192.2	230.9	238.1	—
369	Misc. electrical equipment & supplies	122.0	118.8	134.3	136.5	135.0	95.1	91.4	106.1	107.8	106.5
3694	Engine electrical equipment	65.0	63.1	70.9	72.0	—	52.3	50.0	57.3	58.0	—
37	TRANSPORTATION EQUIPMENT	1,750.6	1,610.5	1,876.7	1,894.9	1,830.5	1,252.9	1,110.7	1,356.9	1,371.9	1,307.9
371	Motor vehicles and equipment	864.9	724.9	949.1	956.1	(*)	670.5	527.6	741.5	747.4	(*)
3711	Motor vehicles	381.9	301.1	428.3	430.9	—	279.6	197.8	317.3	319.8	—
3712	Passenger car bodies	47.2	28.4	48.5	48.6	—	39.0	18.9	39.1	39.0	—
3713	Truck and bus bodies	40.0	37.7	42.9	43.8	—	31.7	29.5	34.5	35.3	—
3714	Motor vehicle parts and accessories	370.7	332.8	401.4	404.3	—	300.7	262.1	328.5	330.8	—
3715	Truck trailers	25.1	24.9	28.0	28.5	—	19.5	19.3	22.1	22.5	—
372	Aircraft and parts	496.8	496.1	511.6	516.7	514.9	267.5	267.1	279.7	281.6	279.5
3721	Aircraft	269.3	269.9	273.4	276.3	—	137.3	138.1	140.6	141.1	—
3722	Aircraft engines and engine parts	137.1	136.1	144.7	145.4	—	72.0	71.1	78.9	79.3	—
3723,9	Other aircraft parts and equipment	90.4	90.1	93.5	95.0	—	58.2	57.9	60.2	61.2	—
373	Ship and boat building and repairing	180.7	179.4	186.2	191.8	184.6	145.5	144.9	149.2	156.1	148.8
3731	Ship building and repairing	136.7	136.3	137.1	144.3	—	109.7	109.7	108.6	117.0	—

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)					Production workers ¹					
		All employees										
		June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p	June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p	
	<i>Durable Goods--Continued</i>											
	TRANSPORTATION EQUIPMENT--Continued											
3732	Boat building and repairing.....	44.0	43.1	49.1	47.5	-	35.8	35.2	40.6	39.1	-	-
374	Railroad equipment.....	50.9	50.4	51.5	52.7	-	38.5	37.9	39.0	40.3	-	-
375.9	Other transportation equipment.....	157.3	159.7	178.3	177.6	-	130.9	133.2	147.5	146.5	-	-
38	INSTRUMENTS AND RELATED PRODUCTS.....	457.9	455.9	488.4	495.3	493.1	277.0	274.2	302.7	306.7	300.2	-
381	Engineering & scientific instruments.....	64.1	64.5	68.4	68.7	-	31.7	32.2	34.7	35.0	-	-
382	Mechanical measuring & control devices.....	104.0	103.8	110.5	112.6	111.6	64.2	64.1	71.7	73.0	71.8	-
3821	Mechanical measuring devices.....	66.1	65.5	68.0	69.6	-	38.5	38.0	41.3	42.8	-	-
3822	Automatic temperature controls.....	37.9	38.3	42.5	43.0	-	25.7	26.1	30.4	30.2	-	-
383.5	Optical and ophthalmic goods.....	55.0	53.9	61.2	62.7	61.0	39.2	38.0	44.0	44.8	43.2	-
385	Ophthalmic goods.....	39.3	38.2	42.8	43.8	-	30.1	28.9	32.9	33.5	-	-
384	Medical instruments and supplies.....	91.0	89.9	97.5	97.4	(*)	59.9	58.9	65.4	65.3	(*)	-
386	Photographic equipment and supplies.....	113.2	114.8	117.6	121.1	122.0	56.8	57.4	59.5	61.5	59.0	-
387	Watches, clocks, and watchcases.....	30.6	29.0	33.2	32.8	-	25.2	23.6	27.4	27.1	-	-
	MISCELLANEOUS MANUFACTURING INDUSTRIES.....	428.9	414.2	433.0	440.0	425.4	334.3	321.8	338.4	344.8	327.3	-
391	Jewelry, silverware, and plated ware.....	53.1	49.0	55.5	55.7	(*)	39.9	36.3	41.2	41.2	(*)	-
394	Toys and sporting goods.....	121.3	118.0	122.6	126.2	-	97.6	95.1	99.1	102.4	-	-
3941-3	Games, toys, dolls, & play vehicles.....	66.0	64.4	63.1	66.4	-	52.4	51.5	50.6	53.6	-	-
3949	Sporting and athletic goods, n e c.....	55.3	53.6	59.5	59.8	-	45.2	43.6	48.5	48.8	-	-
395	Pens, pencils, office, and art supplies.....	33.8	33.0	34.3	34.6	-	24.2	23.4	24.5	24.9	-	-
396	Costume jewelry and notions.....	55.2	52.5	54.8	55.1	-	45.3	42.9	45.2	45.4	-	-
393.9	Other manufacturing industries.....	165.5	161.7	165.8	168.4	164.0	127.3	124.1	128.4	130.9	126.0	-
393	Musical instruments and parts.....	24.1	22.6	24.0	24.5	-	19.8	18.4	19.9	20.4	-	-
	<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS.....	1,767.1	1,794.0	1,673.4	1,735.9	1,784.0	1,191.1	1,215.4	1,109.4	1,164.1	1,206.3	-
201	Meat products.....	349.1	350.7	327.6	341.3	(*)	287.9	289.3	268.2	281.1	(*)	-
2011	Meat packing plants.....	180.4	178.5	173.0	176.4	-	144.5	142.9	138.4	141.2	-	-
2013	Sausages and other prepared meats.....	62.2	61.7	58.2	59.3	-	45.7	45.2	41.9	42.9	-	-
2015	Poultry dressing plants.....	106.5	110.5	96.4	105.6	-	97.7	101.2	87.9	97.0	-	-
202	Dairy products.....	233.2	232.7	221.7	226.0	226.3	116.5	116.2	111.1	114.5	114.5	-
2024	Ice cream and frozen desserts.....	27.0	26.5	23.8	25.7	-	15.8	15.5	13.8	15.3	-	-
2026	Fluid milk.....	159.0	158.8	152.2	153.4	-	64.1	64.0	62.0	62.9	-	-
203	Canned, cured, and frozen foods.....	280.6	304.8	241.0	266.2	-	232.4	254.7	193.8	218.2	-	-
2031.6	Canned, cured, and frozen sea foods.....	46.5	46.9	43.7	48.4	-	41.2	41.5	38.1	42.7	-	-
2032.3	Canned food, except sea foods.....	135.6	161.0	104.8	118.7	-	107.4	130.9	78.3	91.1	-	-
2037	Frozen fruits and vegetables.....	64.1	61.6	63.8	65.6	-	56.7	54.6	55.7	57.6	-	-
204	Grain mill products.....	135.9	136.2	133.8	138.0	139.9	96.8	97.2	93.9	97.5	98.6	-
2041	Flour and other grain mill products.....	27.3	27.3	27.8	28.4	-	19.9	19.9	19.5	19.9	-	-
2042	Prepared feeds for animals and fowls.....	68.8	69.1	66.7	69.3	-	46.3	46.6	44.2	46.6	-	-
205	Bakery products.....	274.8	276.7	267.8	271.8	275.4	159.6	161.0	151.9	155.5	158.5	-
2051	Bread, cake, and related products.....	231.2	231.9	224.2	228.1	-	125.1	125.5	118.4	121.7	-	-
2052	Cookies and crackers.....	43.6	44.8	43.6	43.7	-	34.5	35.5	33.5	33.8	-	-
206	Sugar.....	32.5	33.4	34.5	35.0	-	22.9	23.9	25.6	26.0	-	-
207	Confectionery and related products.....	75.2	74.3	76.9	78.3	75.8	59.2	58.3	60.2	61.7	59.1	-
2071	Confectionery products.....	57.6	56.7	60.0	60.6	-	46.1	45.2	47.6	48.4	-	-
208	Beverages.....	238.4	239.1	225.3	232.9	234.1	121.1	121.7	110.8	114.6	114.9	-
2082	Malt liquors.....	57.4	57.2	52.6	53.4	-	38.6	38.5	34.9	35.5	-	-
2086	Bottled and canned soft drinks.....	133.5	134.6	126.5	133.0	-	52.3	53.2	47.7	50.9	-	-
209	Misc. foods and kindred products.....	147.4	146.1	144.8	146.4	144.8	94.7	93.1	93.9	95.0	92.6	-
21	TOBACCO MANUFACTURES.....	66.8	67.0	67.6	68.4	68.3	54.6	54.3	55.3	56.2	56.0	-
211	Cigarettes.....	42.8	42.4	43.9	45.0	-	34.6	34.2	35.7	36.8	-	-
212	Cigars.....	13.7	12.5	13.0	13.1	-	12.3	11.0	11.6	11.7	-	-
22	TEXTILE MILL PRODUCTS.....	1,001.6	975.6	1,020.2	1,035.8	1,009.8	881.5	856.5	897.0	911.7	886.7	-
221	Weaving mills, cotton.....	203.2	200.2	202.0	204.8	203.7	185.2	181.9	183.2	185.8	184.9	-
222	Weaving mills, synthetics.....	105.8	104.7	107.4	108.9	(*)	94.1	93.1	95.8	97.4	(*)	-
223	Weaving and finishing mills, wool.....	28.7	27.6	28.4	28.8	27.7	24.3	23.4	24.2	24.5	23.5	-
224	Narrow fabric mills.....	29.5	28.0	30.9	31.3	(*)	26.0	24.7	27.7	28.0	(*)	-
225	Knitting mills.....	270.0	261.0	276.5	279.9	272.3	236.9	228.1	240.9	244.2	236.8	-
2251	Women's hosiery, except socks.....	54.5	54.0	53.1	52.0	-	48.0	47.8	46.9	45.8	-	-
2252	Hosiery, n e c.....	36.0	35.5	36.4	37.3	-	32.3	31.7	32.4	33.3	-	-
2253	Knit outerwear mills.....	79.4	73.2	83.5	85.5	-	68.6	62.6	71.3	73.3	-	-
2254	Knit underwear mills.....	36.2	35.4	36.2	36.9	-	32.0	31.1	32.0	32.7	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

56

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1972	July 1972	May 1973	June 1973 P	July 1973 P	June 1972	July 1972	May 1973	June 1973 P	July 1973 P
	<i>Nondurable Goods--Continued</i>										
	TEXTILE MILL PRODUCTS--Continued										
226	Textile finishing, except wool	84.7	83.1	86.5	87.4	(*)	72.0	70.4	73.3	74.1	(*)
227	Floor covering mills	61.1	58.6	64.7	65.7	-	49.4	47.1	52.1	52.9	-
228	Yarn and thread mills	144.4	141.3	149.8	154.2	151.5	132.6	129.8	138.3	142.6	140.1
229	Miscellaneous textile goods	74.2	71.1	74.0	74.8	72.1	61.0	58.0	61.5	62.2	59.6
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,345.1	1,263.5	1,350.7	1,364.8	1,262.7	1,174.5	1,096.2	1,174.4	1,187.9	1,085.7
231	Men's and boys' suits and coats	108.3	100.2	108.5	108.8	(*)	95.0	87.7	95.0	95.3	(*)
232	Men's and boys' furnishings	391.6	377.0	390.2	396.2	(*)	343.0	328.8	338.5	344.5	(*)
2321	Men's and boys' shirts and nightwear ...	121.7	116.3	118.5	120.8	-	108.1	103.0	104.7	107.0	-
2327	Men's and boys' separate trousers	84.6	81.1	84.5	86.2	-	75.5	72.3	75.1	76.7	-
2328	Men's and boys' work clothing	86.5	84.9	87.9	87.9	-	74.9	73.3	74.4	74.6	-
233	Women's and misses' outerwear	391.5	356.1	401.6	404.1	(*)	345.9	311.5	354.7	357.4	(*)
2331	Women's and misses' blouses and waists ..	43.4	30.5	44.7	45.2	-	38.9	26.0	39.8	40.4	-
2335	Women's and misses' dresses	185.4	175.6	191.2	189.3	-	166.5	157.0	171.9	170.2	-
2337	Women's and misses' suits and coats	67.3	64.4	60.7	67.4	-	58.7	55.7	52.4	58.7	-
2339	Women's and misses' outerwear, n e c	95.4	85.6	105.0	102.2	-	81.8	72.8	90.6	88.1	-
234	Women's and children's undergarments ...	115.8	110.8	111.5	112.8	(*)	99.8	95.1	95.9	96.9	(*)
2341	Women's and children's underwear	83.0	79.0	80.3	81.7	-	72.6	68.9	70.2	71.3	-
2342	Corsets and allied garments	32.8	31.8	31.2	31.1	-	27.2	26.2	25.7	25.6	-
235	Hats, caps, and millinery	17.0	15.6	17.2	17.1	-	15.1	13.8	15.1	15.1	-
236	Children's outerwear	78.2	73.2	75.5	77.5	74.5	69.8	65.0	66.5	68.1	65.1
2361	Children's dresses and blouses	32.1	29.9	31.8	32.8	-	29.3	27.2	28.8	29.7	-
237,8	Fur goods and miscellaneous apparel	72.0	67.7	70.4	71.6	-	62.1	57.8	60.7	61.7	-
239	Misc. fabricated textile products	170.7	162.9	175.8	176.7	(*)	143.8	136.5	148.0	148.9	(*)
2391,2	Housefurnishings	70.2	67.9	71.4	72.2	-	60.6	58.2	61.3	62.2	-
26	PAPER AND ALLIED PRODUCTS.....	706.3	699.0	711.3	727.3	723.4	546.1	539.1	551.2	565.1	562.2
261,2,6	Paper and pulp mills	210.8	209.1	208.0	213.7	214.6	164.4	162.4	161.6	166.5	167.4
263	Paperboard mills	72.2	71.9	70.9	72.4	72.7	57.8	57.5	56.9	58.1	59.0
264	Misc. converted paper products	198.6	196.7	204.1	208.1	(*)	145.6	144.1	151.1	154.4	(*)
2643	Bags, except textile bags	44.1	43.7	45.6	46.0	-	35.7	35.5	37.2	37.5	-
265	Paperboard containers and boxes	224.7	221.3	228.3	233.1	(*)	178.3	175.1	181.6	186.1	(*)
2651,2	Folding and setup paperboard boxes	62.0	59.6	60.7	61.4	-	50.9	48.6	50.0	50.6	-
2653	Corrugated and solid fiber boxes	110.4	109.3	112.0	115.1	-	84.7	83.7	85.8	88.7	-
2654	Sanitary food containers	31.1	31.3	33.0	33.5	-	25.5	25.6	27.2	27.7	-
27	PRINTING AND PUBLISHING.....	1,079.7	1,074.1	1,091.9	1,100.4	1,099.1	656.1	650.6	659.3	663.0	661.2
271	Newspapers	377.6	376.6	381.1	384.8	384.7	181.8	180.4	181.3	181.6	181.2
272	Periodicals	67.3	67.6	68.0	68.5	-	19.9	20.1	20.1	20.2	-
273	Books	99.0	98.4	100.8	100.8	-	55.4	55.2	55.2	54.8	-
275	Commercial printing	343.4	339.8	345.5	347.1	345.3	262.0	258.6	263.7	264.7	263.0
2751	Commercial printing, ex. lithographic ...	201.8	199.6	201.2	202.6	-	156.5	154.3	156.0	157.0	-
2752	Commercial printing, lithographic	130.9	129.7	133.2	134.0	-	97.5	96.5	99.4	100.0	-
278	Blankbooks and bookbinding	55.9	56.4	56.6	58.0	57.7	46.6	47.0	47.3	48.6	47.8
274,6,7,9	Other publishing & printing ind.	136.5	135.3	139.9	141.2	(*)	90.4	89.3	91.7	93.1	(*)
28	CHEMICALS AND ALLIED PRODUCTS...	1,009.4	1,003.9	1,022.8	1,036.9	1,036.3	586.6	580.3	595.9	604.7	604.8
281	Industrial chemicals	304.7	301.9	304.2	309.1	307.9	166.2	163.1	164.6	167.9	167.5
2812	Alkalies and chlorine	21.4	21.4	20.4	20.4	-	14.5	14.5	14.0	14.1	-
2818	Industrial organic chemicals, n e c	122.9	120.7	124.3	127.1	-	55.3	52.7	54.0	55.7	-
2819	Industrial inorganic chemicals, n e c	97.7	97.5	97.3	98.6	-	55.5	55.3	55.8	56.4	-
282	Plastics materials and synthetics	218.1	219.2	226.0	229.7	232.2	148.9	149.6	154.8	157.4	159.7
2821	Plastics materials and resins	90.2	90.0	93.2	94.4	-	56.5	56.0	58.4	58.9	-
2823,4	Synthetic fibers	114.7	116.2	120.1	122.4	-	83.2	84.5	87.6	89.6	-
283	Drugs	148.3	148.3	149.2	151.1	151.4	73.3	73.0	74.8	76.1	75.1
2834	Pharmaceutical preparations	119.1	119.1	119.5	121.1	-	57.6	57.2	58.2	59.3	-
284	Soap, cleaners, and toilet goods	123.7	121.4	124.3	126.6	(*)	70.5	68.3	70.6	72.0	(*)
2841	Soap and other detergents	40.2	39.0	39.3	39.8	-	26.4	25.5	26.2	26.6	-
2844	Toilet preparations	51.0	50.0	51.1	52.1	-	27.7	26.6	27.2	27.6	-
285	Paints and allied products	70.4	71.3	70.4	72.0	(*)	39.2	39.8	39.3	40.6	(*)
287	Agricultural chemicals	52.2	49.5	58.0	55.5	(*)	31.6	29.3	36.0	33.5	(*)
2871,2	Fertilizers, complete & mixing only	35.8	33.2	40.9	38.3	-	24.0	21.7	27.7	25.3	-
286,9	Other chemical products	92.0	92.3	90.7	92.9	93.9	56.9	57.2	55.8	57.2	58.2
2892	Explosives	23.6	23.8	23.5	23.9	-	15.7	16.1	15.6	15.8	-
29	PETROLEUM AND COAL PRODUCTS	193.7	193.8	181.7	189.3	191.0	120.4	120.6	114.6	120.4	121.7
291	Petroleum refining	153.3	153.3	141.4	147.6	149.3	90.7	91.0	84.8	89.3	90.5
295,9	Other petroleum and coal products	40.4	40.5	40.3	41.7	41.7	29.7	29.6	29.8	31.1	31.2

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
<i>Nondurable Goods--Continued</i>											
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	632.3	620.3	673.9	692.1	676.0	493.5	481.9	529.8	546.9	531.0
301	Tires and inner tubes.....	128.3	128.2	128.4	136.7	137.7	91.1	90.9	90.3	98.6	99.0
302,3,6	Other rubber products.....	179.2	173.8	191.3	194.0	188.2	141.5	136.7	153.0	155.4	149.9
302	Rubber footwear.....	25.6	23.9	27.2	27.9	-	21.9	20.4	23.6	24.1	-
307	Miscellaneous plastics products.....	324.8	318.3	354.2	361.4	350.1	260.9	254.3	286.5	292.9	282.1
31	LEATHER AND LEATHER PRODUCTS...	314.7	298.6	298.2	305.5	286.1	270.8	256.4	255.6	263.2	245.3
311	Leather tanning and finishing.....	26.8	25.5	23.5	23.9	(*)	23.2	22.1	20.2	20.6	(*)
314	Footwear, except rubber.....	209.3	197.4	197.7	203.4	(*)	182.8	171.9	172.1	177.6	(*)
312,3,5-7,9	Other leather products.....	78.6	75.7	77.0	78.2	73.9	64.8	62.4	63.3	65.0	60.6
316	Luggage.....	17.2	16.2	17.5	17.7	-	13.1	12.4	13.5	13.9	-
317	Handbags and personal leather goods.....	34.8	34.5	33.7	34.4	-	29.6	29.3	28.3	29.0	-
-	TRANSPORTATION AND PUBLIC UTILITIES.....	4,549	4,531	4,593	4,653	4,656	3,933	3,915	3,953	4,008	4,014
40	RAILROAD TRANSPORTATION.....	585.7	584.8	574.3	579.3	-	-	-	-	-	-
4011	Class I railroads ²	529.7	529.1	518.0	522.6	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT.....	261.9	241.4	274.5	262.2	-	-	-	-	-	-
411	Local and suburban transportation.....	69.5	68.6	67.7	66.8	-	65.1	63.9	63.4	62.5	-
412	Taxicabs.....	98.8	96.4	98.4	98.4	-	-	-	-	-	-
413	Intercity highway transportation.....	42.1	42.7	39.2	39.8	-	38.4	39.1	34.9	35.4	-
42	TRUCKING AND WAREHOUSING.....	1,116.6	1,115.9	1,147.1	1,180.2	-	1,007.7	1,008.1	1,036.2	1,067.9	-
421,3	Trucking and trucking terminals.....	1,036.2	1,034.6	1,060.8	1,094.1	-	939.3	938.6	961.6	992.9	-
422	Public warehousing.....	80.4	81.3	86.3	86.1	-	68.4	69.5	75.2	75.0	-
45	TRANSPORTATION BY AIR.....	346.6	340.0	360.2	363.3	-	-	-	-	-	-
451,2	Air transportation.....	312.7	306.4	327.6	330.9	-	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	18.8	18.9	18.0	18.9	-	14.7	14.8	13.9	14.9	-
44,47	OTHER TRANSPORTATION AND SERVICES	326.4	327.4	318.3	315.6	-	-	-	-	-	-
44	WATER TRANSPORTATION.....	218.9	220.3	210.2	208.6	-	-	-	-	-	-
47	TRANSPORTATION SERVICES.....	107.5	107.1	108.1	107.0	-	-	-	-	-	-
48	COMMUNICATION.....	1,160.4	1,165.2	1,163.7	1,180.3	-	904.3	907.6	895.1	908.7	-
481	Telephone communication.....	974.7	979.5	976.3	991.4	-	766.7	770.5	759.5	771.3	-
482	Telegraph communication ³	25.5	25.3	25.1	(*)	-	17.3	17.2	16.8	(*)	-
483	Radio and television broadcasting.....	135.1	134.9	132.8	133.9	-	109.4	109.0	106.1	107.5	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	732.4	737.1	736.4	753.0	-	626.6	631.4	626.8	641.3	-
491	Electric companies and systems.....	312.0	313.4	318.7	322.7	-	266.7	268.1	270.7	273.8	-
492	Gas companies and systems.....	167.1	168.4	164.3	169.5	-	141.9	143.1	138.4	143.2	-
493	Combination companies and systems.....	195.0	196.2	194.7	199.6	-	166.8	168.4	166.7	170.8	-
494-7	Water, steam, & sanitary systems.....	58.3	59.1	58.7	61.2	-	51.2	51.8	51.0	53.5	-
-	WHOLESALE AND RETAIL TRADE.....	15,749	15,653	16,200	16,317	16,238	13,987	13,891	14,379	14,488	14,390
50	WHOLESALE TRADE.....	3,946	3,956	4,014	4,095	4,109	3,306	3,316	3,351	3,429	3,438
501	Motor vehicles & automotive equipment.....	352.3	353.1	369.2	374.1	-	285.3	286.0	297.9	302.5	-
502	Drugs, chemicals, and allied products.....	227.3	228.2	229.7	231.7	-	184.5	185.5	185.6	187.4	-
503	Dry goods and apparel.....	158.3	156.7	162.1	163.5	-	124.7	123.3	126.2	127.5	-
504	Groceries and related products.....	580.9	581.8	569.5	599.7	-	510.3	510.9	497.6	527.8	-
506	Electrical goods.....	328.9	328.6	330.6	333.4	-	281.1	281.2	283.0	285.9	-
507	Hardware; plumbing & heating equipment.....	179.8	182.1	183.5	187.5	-	152.9	154.3	155.5	159.2	-
508	Machinery, equipment, and supplies.....	748.1	751.6	777.7	787.5	-	628.2	632.0	650.9	659.7	-
509	Miscellaneous wholesalers.....	1,269.7	1,271.2	1,296.7	1,320.1	-	1,055.9	1,057.4	1,076.8	1,099.6	-
52-59	RETAIL TRADE.....	11,803	11,697	12,186	12,222	12,129	10,681	10,575	11,028	10,059	10,952
53	RETAIL GENERAL MERCHANDISE.....	2,349.5	2,323.4	2,462.8	2,450.6	-	2,152.8	2,125.6	2,262.9	2,249.3	-
531	Department stores.....	1,539.5	1,525.1	1,618.8	1,607.1	-	1,415.2	1,399.9	1,489.5	1,477.3	-
532	Mail order houses.....	117.2	116.6	120.9	121.0	-	109.0	108.7	113.3	113.3	-
533	Variety stores.....	318.5	310.8	332.2	327.9	-	293.9	286.2	311.6	306.4	-
54	FOOD STORES.....	1,828.1	1,813.5	1,881.6	1,880.5	-	1,697.5	1,681.8	1,747.7	1,746.4	-
541-3	Grocery, meat, and vegetable stores.....	1,651.2	1,641.7	1,703.1	1,702.8	-	1,532.3	1,521.8	1,581.5	1,580.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		June 1972	July 1972	May 1973	June 1973 P	July 1973 P	June 1972	July 1972	May 1973	June 1973 P	July 1973 P
-	WHOLESALE AND RETAIL TRADE (Continued)										
56	APPAREL AND ACCESSORY STORES	739.5	724.3	754.6	752.2	-	657.0	642.1	668.3	667.9	-
561	Men's & boys' clothing & furnishings	129.7	127.4	129.3	130.4	-	115.0	113.2	114.2	115.4	-
562	Women's ready-to-wear stores	282.4	275.4	293.5	289.9	-	253.3	246.7	260.7	259.6	-
565	Family clothing stores	102.4	101.5	102.0	103.3	-	95.0	94.0	95.1	96.4	-
566	Shoe stores	153.1	150.0	154.9	154.7	-	129.9	126.7	131.7	131.1	-
57	FURNITURE AND HOME FURNISHINGS STORES	470.3	467.9	484.2	489.9	-	408.1	405.3	418.8	424.5	-
571	Furniture and home furnishings	296.7	295.6	305.7	309.5	-	256.6	255.5	264.6	208.8	-
58	EATING AND DRINKING PLACES	2,772.6	2,748.7	2,868.1	2,917.0	-	2,602.8	2,579.9	2,692.2	2,734.2	-
52,55,59	OTHER RETAIL TRADE	3,642.7	3,619.1	3,734.8	3,731.9	-	3,163.1	3,140.6	3,238.5	3,236.8	-
52	Building materials and farm equipment . . .	601.5	604.1	606.1	621.2	-	520.1	522.4	521.8	538.3	-
55	Automotive dealers & service stations	1,718.6	1,709.9	1,748.5	1,750.1	-	-	-	-	-	-
551,2	Motor vehicle dealers	797.8	798.3	817.8	823.4	-	669.7	670.0	687.3	693.1	-
553,9	Other automotive & accessory dealers	272.5	271.7	285.9	292.0	-	232.3	232.2	242.5	248.5	-
554	Gasoline service stations	648.3	639.9	644.8	634.7	-	-	-	-	-	-
59	Miscellaneous retail stores	1,322.6	1,305.1	1,380.2	1,360.6	-	-	-	-	-	-
591	Drug stores and proprietary stores	471.9	466.8	477.8	476.3	-	423.9	420.3	430.7	430.0	-
594	Book and stationery stores	63.9	62.2	66.9	65.9	-	54.5	53.1	57.8	56.7	-
596	Farm and garden supply stores	117.2	114.9	130.3	124.7	-	-	-	-	-	-
598	Fuel and ice dealers	99.6	98.6	100.5	100.0	-	85.3	84.3	85.8	85.5	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁴	3,966	3,990	4,040	4,089	4,114	3,111	3,130	3,140	3,181	3,212
60	Banking	1,109.8	1,118.9	1,150.4	1,169.1	-	899.9	907.6	925.9	943.1	-
61	Credit agencies other than banks	391.9	396.0	420.1	426.0	-	304.8	308.7	325.8	331.3	-
612	Savings and loan associations	128.8	131.2	143.8	146.6	-	104.3	106.7	116.2	118.8	-
614	Personal credit institutions	191.4	192.7	203.1	205.2	-	-	-	-	-	-
62	Security, commodity brokers & services	200.9	201.4	192.7	190.4	-	169.8	170.3	161.1	158.4	-
63	Insurance carriers	1,105.8	1,113.7	1,129.0	1,138.3	-	762.0	767.0	770.9	778.2	-
631	Life insurance	568.6	571.0	571.8	576.1	-	332.6	333.0	329.9	332.8	-
632	Accident and health insurance	99.5	99.8	102.6	103.6	-	84.9	85.0	86.0	86.8	-
633	Fire, marine, and casualty insurance	382.7	387.1	396.3	398.8	-	298.2	301.8	305.8	308.1	-
64	Insurance agents, brokers, and service	290.5	291.1	298.5	300.7	-	-	-	-	-	-
65	Real estate	775.0	776.0	755.7	769.2	-	-	-	-	-	-
655	Subdividers and developers	137.5	138.9	132.1	134.5	-	-	-	-	-	-
656	Operative builders	62.3	63.2	55.3	57.2	-	-	-	-	-	-
66,67	Other finance, insurance, & real estate	92.2	93.1	94.0	95.2	-	-	-	-	-	-
-	SERVICES	12,487	12,489	12,865	12,982	12,997	11,312	11,300	11,651	11,760	11,721
70	Hotels and other lodging places	899.6	971.3	868.0	925.1	-	-	-	-	-	-
701	Hotels, tourist courts, and motels	756.4	776.2	739.0	777.6	-	702.5	720.5	684.6	724.9	-
72	Personal services	925.8	911.9	901.8	901.1	-	-	-	-	-	-
721	Laundries and dry cleaning plants	446.9	440.9	421.4	426.1	-	405.5	400.3	382.4	387.3	-
722	Photographic studios	39.6	38.8	40.1	39.2	-	35.3	34.2	35.6	34.7	-
73	Miscellaneous business services	1,660.7	1,666.0	1,774.3	1,784.4	-	-	-	-	-	-
731	Advertising	116.3	116.2	116.5	117.9	-	-	-	-	-	-
732	Credit reporting and collection	79.3	80.3	84.4	86.1	-	-	-	-	-	-
734	Services to buildings	323.9	324.2	346.6	348.1	-	-	-	-	-	-
76	Miscellaneous repair services	186.3	186.3	193.8	196.6	-	-	-	-	-	-
78	Motion pictures	200.5	205.8	188.7	192.3	-	-	-	-	-	-
781	Motion picture filming & distributing	51.7	54.1	44.8	44.9	-	33.4	35.9	31.2	30.7	-
782,3	Motion picture theaters and services	148.8	151.7	143.9	147.4	-	-	-	-	-	-
80	Medical and other health services	3,453.1	3,466.7	3,630.8	3,684.6	-	-	-	-	-	-
806	Hospitals	2,021.3	2,029.8	2,075.3	2,100.2	-	1,849.1	1,856.2	1,897.5	1,921.0	-
81	Legal services	266.8	270.0	275.1	289.3	-	-	-	-	-	-
82	Educational services	1,112.4	1,007.4	1,245.0	1,149.1	-	-	-	-	-	-
821	Elementary and secondary schools	391.6	333.2	418.0	405.5	-	-	-	-	-	-
822	Colleges and universities	586.3	542.0	676.0	594.2	-	-	-	-	-	-
89	Miscellaneous services	704.2	713.0	741.1	759.5	-	-	-	-	-	-
891	Engineering & architectural services	323.8	326.6	343.1	355.5	-	-	-	-	-	-
892	Nonprofit research agencies	112.2	114.3	115.5	117.6	-	-	-	-	-	-

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
-	GOVERNMENT	13,311	12,749	13,815	13,700	13,085	-	-	-	-	-
91	FEDERAL GOVERNMENT ⁵	2,659	2,645	2,638	2,631	2,632	-	-	-	-	-
	Executive	2,617.6	2,602.7	2,594.8	2,587.4	-	-	-	-	-	-
	Department of Defense	988.4	976.2	964.2	952.1	-	-	-	-	-	-
	Postal Service	694.2	673.8	672.0	679.5	-	-	-	-	-	-
	Other agencies	935.0	952.7	958.6	955.8	-	-	-	-	-	-
	Legislative	33.6	33.7	34.3	34.7	-	-	-	-	-	-
	Judicial	8.2	8.2	8.7	8.7	-	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,652	10,104	11,177	11,069	10,453	-	-	-	-	-
92	State government	2,801.3	2,709.4	2,975.2	2,848.6	-	-	-	-	-	-
	State education	1,113.7	988.0	1,285.2	1,120.0	-	-	-	-	-	-
	Other State government	1,687.6	1,721.4	1,690.0	1,728.6	-	-	-	-	-	-
93	Local government	7,850.7	7,394.1	8,201.7	8,220.4	-	-	-	-	-	-
	Local education	4,376.5	3,767.8	4,767.8	4,624.7	-	-	-	-	-	-
	Other local government	3,474.2	3,626.3	3,433.9	3,595.7	-	-	-	-	-	-

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

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

³ Data for nonsupervisory workers exclude messengers.

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

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

* Not available.

^P preliminary.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	TOTAL	26,945	37	27,920	38	28,519	38
-	PRIVATE SECTOR	21,098	36	21,854	37	22,358	37
-	MINING	37	6	37	6	37	6
10	METAL MINING	2.9	3	2.9	3	2.9	3
11,12	COAL MINING	2.1	1	2.3	2	2.4	2
13	OIL AND GAS EXTRACTION	26.4	10	26.4	10	26.5	10
131,2	Crude petroleum and natural gas fields	18.3	13	18.0	13	17.9	13
138	Oil and gas field services	8.1	7	8.4	7	8.6	7
14	NONMETALLIC MINERALS, EXCEPT FUELS	5.1	5	5.1	5	5.3	5
142	Crushed and broken stone	1.8	5	1.8	5	1.8	5
144	Sand and gravel	1.6	4	1.6	5	1.7	4
-	CONTRACT CONSTRUCTION	183	5	193	6	196	6
15	GENERAL BUILDING CONTRACTORS	53.4	5	56.9	6	58.2	6
16	HEAVY CONSTRUCTION CONTRACTORS	30.3	4	32.8	6	32.8	5
161	Highway and street construction	10.8	4	11.3	6	11.4	4
162	Heavy construction, n e c	19.5	5	21.5	6	21.4	5
17	SPECIAL TRADE CONTRACTORS	99.5	6	103.1	6	105.4	6
171	Plumbing, heating, air conditioning	32.1	8	33.1	8	33.9	8
172	Painting, paper hanging, decorating	7.8	7	7.7	7	8.2	7
173	Electrical work	16.3	5	16.8	5	16.9	5
174	Masonry, stonework, and plastering	8.2	4	8.4	5	8.7	4
176	Roofing and sheet metal work	6.7	6	7.4	6	7.4	6
-	MANUFACTURING	5,233	28	5,464	28	5,614	29
19,24,25,32-39	DURABLE GOODS	2,166	20	2,357	21	2,443	21
20-23,26-31	NONDURABLE GOODS	3,067	39	3,107	39	3,171	39
	<i>Durable Goods</i>						
19	ORDNANCE AND ACCESSORIES	40.6	22	47.2	24	46.4	24
192	Ammunition, except for small arms	29.1	23	34.6	25	33.8	25
1925	Complete guided missiles	14.8	17	17.1	18	17.5	19
1929	Ammunition, exc. for small arms, n e c	14.3	39	17.5	39	16.3	39
24	LUMBER AND WOOD PRODUCTS	63.9	11	68.4	11	71.8	12
241	Logging camps, & logging contractors	2.7	4	2.7	4	2.6	4
242	Sawmills and planing mills	12.5	6	12.8	6	13.2	6
2421	Sawmills and planing mills, general	8.9	5	9.2	5	9.6	5
243	Millwork, plywood & related products	22.5	11	24.7	12	26.5	13
2431	Millwork	12.0	14	13.0	15	14.2	16
2432	Veneer and plywood	7.9	10	8.8	11	9.3	11
244	Wooden containers	5.5	20	5.3	19	5.5	20
2441,2	Wooden boxes, shooks, and crates	4.5	20	4.4	20	4.5	21
249	Miscellaneous wood products	20.7	22	22.9	24	24.0	24
25	FURNITURE AND FIXTURES	123.2	26	134.9	26	139.3	27
251	Household furniture	97.6	28	107.6	29	117.8	30
2511	Wood household furniture	43.7	25	49.6	27	51.2	28
2512	Upholstered household furniture	30.7	31	34.1	32	35.3	33
2515	Mattresses and bedsprings	11.0	29	11.2	29	11.4	29
252	Office furniture	6.5	17	7.0	18	7.0	18
254	Partitions and fixtures	6.0	13	6.8	13	7.1	13
253,9	Other furniture and fixtures	13.1	28	13.5	28	13.4	29
32	STONE, CLAY, AND GLASS PRODUCTS	106.0	16	111.6	17	115.4	17
321	Flat glass	1.6	7	1.8	7	1.9	7
322	Glass and glassware, pressed or blown	43.2	33	45.2	33	46.6	34
3221	Glass containers	26.7	36	27.1	36	28.0	36
3229	Pressed and blown glass n e c	16.5	30	18.1	30	18.6	30
324	Cement, hydraulic	1.2	4	1.2	4	1.2	4
325	Structural clay products	6.8	12	6.8	12	6.9	12
3251	Brick and structural clay tile	1.2	5	1.2	5	1.2	5
326	Pottery and related products	14.2	33	14.9	33	15.6	33
327	Concrete, gypsum, and plaster products	11.3	6	11.3	6	11.2	6
328,9	Other stone and nonmetallic mineral products	19.6	15	21.5	16	22.3	16
3291	Abrasive products	5.2	20	5.7	21	5.9	20

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>							
33	PRIMARY METAL INDUSTRIES	85.9	7	93.4	7	96.8	7
331	Blast furnace and basic steel products	25.4	4	26.1	4	26.9	5
3312	Blast furnaces and steel mills	18.7	4	19.2	4	19.8	4
332	Iron and steel foundries	10.0	5	11.2	5	11.6	5
3321	Gray iron foundries	5.4	4	5.8	4	5.9	4
3322	Malleable iron foundries	1.0	4	1.0	4	1.0	4
3323	Steel foundries	3.6	6	4.4	8	4.7	8
333	Nonferrous metals	3.3	4	3.3	4	3.5	4
333.4	Primary aluminum . . . . .	.7	3	.7	2	.8	3
3334	Nonferrous rolling and drawing	31.3	15	34.8	16	35.8	17
335	Copper rolling and drawing	2.9	7	3.1	7	3.1	8
3351	Aluminum rolling and drawing	6.7	10	6.9	10	7.4	11
3352	Nonferrous wire drawing and insulating	18.8	24	21.7	26	22.1	26
3357	Nonferrous foundries	11.3	14	12.9	14	13.6	15
336	Aluminum castings	4.8	11	5.4	12	5.8	12
3361	Other nonferrous castings	6.5	16	7.5	17	7.8	18
3362,9	Miscellaneous primary metal products	4.6	7	5.1	7	5.4	7
339	Iron and steel forgings	2.3	5	2.5	5	2.5	5
3391							
34	FABRICATED METAL PRODUCTS	247.7	18	263.5	19	271.3	19
341	Metal cans	11.4	17	10.8	17	11.2	16
342	Cutlery, hand tools, and hardware	50.0	33	52.3	32	53.7	33
3421,3,5	Cutlery and hand tools, incl. saws	17.4	27	19.2	28	19.4	28
3429	Hardware, n e c	32.6	36	33.1	35	34.3	36
343	Plumbing and heating, except electric	13.7	17	13.9	17	14.5	17
3431,2	Sanitary ware & plumbers' brass goods	7.4	19	7.5	19	7.8	19
3433	Heating equipment, except electric	6.3	15	6.4	15	6.7	16
344	Fabricated structural metal products	46.6	11	49.7	11	51.8	12
3441	Fabricated structural steel	5.4	5	5.5	5	5.5	5
3442	Metal doors, sash, and trim	17.3	24	18.2	24	19.4	25
3443	Fabricated plate work (boiler shops)	8.0	7	8.8	8	9.1	8
3444	Sheet metal work	10.6	13	11.4	13	12.0	14
3446,9	Architectural and misc. metal work	5.3	10	5.8	10	5.8	10
345	Screw machine products, bolts, etc.	19.5	20	21.3	21	21.6	21
3451	Screw machine products	9.6	23	10.8	24	11.1	24
3452	Bolts, nuts, rivets, and washers	9.9	18	10.5	18	10.5	19
346	Metal stampings	47.2	20	51.3	21	52.2	21
347	Metal services, n e c	16.0	19	18.1	20	18.8	20
348	Misc. fabricated wire products	17.0	26	18.1	26	18.3	26
349	Misc. fabricated metal products	26.3	17	28.0	18	29.2	18
3494,8	Valves, pipe, and pipe fittings	16.2	17	17.4	17	18.2	18
35	MACHINERY, EXCEPT ELECTRICAL	269.4	15	297.0	15	307.8	15
351	Engines and turbines	14.7	14	17.0	15	17.4	15
3511	Steam engines and turbines	5.0	11	5.3	12	5.3	12
3519	Internal combustion engines, n e c	9.7	16	11.7	16	12.1	17
352	Farm machinery	13.6	10	14.2	10	15.1	10
353	Construction and related machinery	25.6	9	27.6	9	28.3	9
3531,2	Construction and mining machinery	11.9	8	12.9	8	13.4	8
3533	Oil field machinery	4.2	10	4.6	10	4.8	10
3535,6	Conveyors, hoists, cranes, monorails	4.3	11	4.4	11	4.5	11
3537	Industrial trucks and tractors	2.3	8	2.8	8	2.8	8
354	Metal working machinery	33.4	12	37.6	12	39.6	12
3541	Machine tools, metal cutting types	5.6	10	6.1	10	6.4	10
3544	Special dies, tools, jigs & fixtures	8.3	7	9.2	8	9.7	8
3545	Machine tool accessories	8.9	19	10.0	19	10.5	19
3542,8	Misc. metal working machinery	10.6	16	12.3	17	13.0	17
355	Special industry machinery	21.6	12	22.7	12	23.5	12
3551	Food products machinery	4.4	12	4.4	11	4.5	11
3552	Textile machinery	5.4	15	5.7	15	5.9	16
3555	Printing trades machinery	3.2	12	3.3	12	3.4	12
356	General industrial machinery	41.8	16	44.9	16	46.6	16
3561	Pumps and compressors	10.0	13	10.5	14	10.8	14
3562	Ball and roller bearings	11.3	22	12.3	23	12.6	23
3564	Blowers and fans	6.2	19	6.2	18	6.7	19
3566	Power transmission equipment	6.1	13	6.8	14	7.2	14
357	Office and computing machines	64.6	27	72.1	28	73.7	28
3573	Electronic computing equipment	43.3	26	50.5	28	52.8	29
358	Service industry machines	25.1	17	28.1	18	29.4	18
3585	Refrigeration machinery	14.9	15	17.1	16	18.1	16
359	Misc. machinery, except electrical	29.0	14	32.8	15	34.2	15

ESTABLISHMENT DATA
WOMEN EMPLOYEES

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods-- Continued</i>							
36	ELECTRICAL EQUIPMENT AND SUPPLIES	704.9	39	780.6	41	807.8	41
361	Electrical test & distributing equipment	60.8	33	69.9	34	73.0	35
3611	Electric measuring instruments	26.0	41	32.4	44	33.5	44
3612	Transformers	14.1	27	15.2	28	16.4	29
3613	Switchgear and switchboard apparatus	20.7	28	22.3	30	23.1	30
362	Electrical industrial apparatus	67.4	33	77.5	35	80.7	36
3621	Motors and generators	36.8	33	42.2	35	43.9	36
3622	Industrial controls	21.9	39	25.6	42	26.5	43
363	Household appliances	49.2	26	55.5	27	59.0	28
3632	Household refrigerators and freezers	10.8	18	12.2	19	12.9	20
3633	Household laundry equipment	4.4	16	4.8	17	5.1	18
3634	Electric housewares and fans	22.7	47	25.4	49	26.9	50
364	Electric lighting and wiring equipment	85.1	43	91.8	44	95.6	44
3641	Electric lamps	23.4	65	24.6	65	25.3	65
3642	Lighting fixtures	22.5	33	24.2	35	25.1	36
3643,4	Wiring devices	39.2	41	43.0	41	45.2	42
365	Radio and TV receiving equipment	70.5	53	77.0	54	79.3	55
366	Communication equipment	151.4	36	159.0	37	159.1	37
3661	Telephone and telegraph apparatus	66.0	45	68.6	46	69.1	46
3662	Radio and TV communication equipment	85.4	31	90.4	32	90.0	32
367	Electronic components and accessories	179.9	54	206.2	56	215.9	56
3671-3	Electron tubes	22.5	45	23.2	44	23.4	44
3674,9	Other electronic components	157.4	56	183.0	58	192.5	58
369	Misc. electrical equipment & supplies	40.6	33	43.7	33	45.2	34
3694	Engine electrical equipment	24.2	37	24.8	36	25.6	36
37	TRANSPORTATION EQUIPMENT	176.9	10	198.7	11	206.7	11
371	Motor vehicles and equipment	72.9	8	85.1	9	88.0	9
3711	Motor vehicles	24.4	6	30.1	7	31.4	7
3712	Passenger car bodies	2.0	4	2.8	6	2.9	6
3713	Truck and bus bodies	2.5	6	3.2	8	3.3	8
3714	Motor vehicle parts and accessories	42.8	12	47.7	12	49.1	12
3715	Truck trailers	1.2	5	1.3	5	1.3	5
372	Aircraft and parts	68.2	14	73.3	14	73.6	14
3721	Aircraft	37.7	14	40.7	15	40.9	15
3722	Aircraft engines and engine parts	17.4	13	18.5	13	18.7	13
3723,9	Other aircraft parts and equipment	13.1	14	14.1	15	14.0	15
373	Ship and boat building and repairing	10.9	6	12.9	7	14.0	8
3731	Ship building and repairing	6.2	5	7.3	5	7.6	6
3732	Boat building and repairing	4.7	11	5.6	12	6.4	13
374	Railroad equipment	3.7	7	4.0	8	3.9	8
375,9	Other transportation equipment	21.2	14	23.4	15	27.2	15
38	INSTRUMENTS AND RELATED PRODUCTS	165.5	37	182.9	38	187.7	39
381	Engineering & scientific instruments	16.0	25	17.3	26	18.1	27
382	Mechanical measuring & control devices	37.8	37	42.6	40	43.8	40
3821	Mechanical measuring devices	21.2	32	22.9	34	23.6	35
3822	Automatic temperature controls	16.6	45	19.7	48	20.2	48
383,5	Optical and ophthalmic goods	22.6	43	26.2	45	27.1	45
385	Ophthalmic goods	18.3	50	21.5	52	22.1	52
384	Medical instruments and supplies	43.4	49	46.4	49	48.3	50
386	Photographic equipment and supplies	27.3	25	30.0	26	29.3	26
387	Watches, clocks, and watchcases	18.4	62	20.4	64	21.1	64
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	181.9	44	178.9	43	191.6	44
391	Jewelry, silverware, and plated ware	20.9	40	22.1	41	22.7	41
394	Toys and sporting goods	57.9	51	53.5	49	61.8	52
3941-3	Games, toys, dolls, & play vehicles	31.8	54	26.6	51	33.3	54
3949	Sporting and athletic goods, n e c	26.1	47	26.9	47	28.5	48
395	Pens, pencils, office and art supplies	17.0	51	17.5	52	17.9	53
396	Costume jewelry and notions	27.5	51	26.8	51	28.2	52
393,9	Other manufacturing industries	58.6	36	59.0	36	61.0	37
393	Musical instruments and parts	9.5	41	10.0	42	11.0	46
<i>Nondurable Goods</i>							
20	FOOD AND KINDRED PRODUCTS	418.5	25	419.9	25	422.5	25
201	Meat products	94.9	28	93.5	28	93.0	29
2011	Meat packing plants	24.1	14	24.3	14	23.3	14
2013	Sausages and other prepared meats	17.4	28	17.4	29	16.2	28
2015	Poultry dressing plants	53.4	55	51.8	55	53.5	55
202	Dairy products	37.2	17	36.7	17	37.5	17
2024	Ice cream and frozen desserts	5.4	23	4.8	23	5.5	24

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	FOOD AND KINDRED PRODUCTS-- Continued						
2026	Fluid milk	22.1	14	21.5	14	21.6	14
203	Canned, cured, and frozen foods	98.2	41	89.4	39	97.3	40
2031,6	Canned, cured, and frozen sea foods	22.7	57	20.8	56	25.0	58
2032,3	Canned food, except sea foods	34.7	32	28.0	28	29.9	29
2037	Frozen fruits and vegetables	30.4	48	29.6	47	32.2	48
204	Grain mill products	19.8	15	21.1	16	20.8	16
2041	Flour and other grain mill products	3.3	9	3.7	13	3.6	13
2042	Prepared feeds for animals and fowls	9.3	14	10.4	16	10.2	16
205	Bakery products	65.2	24	67.6	25	66.4	25
2051	Bread, cake, and related products	45.4	20	46.7	21	46.7	21
2052	Cookies and crackers	19.8	46	20.9	47	19.7	45
206	Sugar	2.9	9	3.5	7	2.8	8
207	Confectionery and related products	35.1	47	41.3	51	38.6	49
2071	Confectionery products	28.2	50	34.0	53	32.1	52
208	Beverages	28.7	13	30.5	14	29.8	13
2082	Malt liquors	3.6	6	3.6	7	3.6	7
2086	Bottled and canned soft drinks	12.3	10	12.8	10	12.8	10
209	Misc. foods and kindred products	36.5	25	36.3	25	36.3	25
21	TOBACCO MANUFACTURES	28.9	43	30.1	42	28.1	41
211	Cigarettes	14.4	35	14.9	35	14.7	34
212	Cigars	9.8	70	9.4	70	9.2	69
22	TEXTILE MILL PRODUCTS	450.8	46	466.6	46	476.6	47
221	Weaving mills, cotton	81.9	41	83.5	41	84.8	42
222	Weaving mills, synthetics	39.8	41	40.9	38	41.6	39
223	Weaving and finishing mills, wool	10.0	36	10.4	37	10.4	37
224	Narrow fabric mills	17.5	58	18.2	60	18.1	59
225	Knitting mills	171.1	65	174.3	65	180.1	65
2251	Women's hosiery, except socks	41.6	78	43.1	77	40.9	76
2252	Hosiery, n e c	25.2	72	25.3	72	26.4	72
2253	Knit outerwear mills	54.9	71	54.5	70	59.9	72
2254	Knit underwear mills	24.9	70	25.8	71	26.0	71
226	Textile finishing, except wool	22.2	27	24.0	28	24.3	28
227	Floor covering mills	21.4	36	23.2	36	23.0	36
228	Yarn and thread mills	66.5	47	71.4	48	73.2	49
229	Miscellaneous textile goods	20.4	28	20.7	28	21.1	29
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,083.4	81	1,061.9	81	1,094.8	81
231	Men's and boys' suits and coats	78.7	74	78.1	73	79.4	73
232	Men's and boys' furnishings	325.2	84	318.8	84	326.2	84
2321	Men's and boys' shirts and nightwear	103.5	88	101.2	88	102.6	87
2327	Men's and boys' separate trousers	70.9	81	68.4	81	69.4	81
2328	Men's and boys' work clothing	72.3	85	72.5	84	73.5	84
233	Women's and misses' outerwear	340.5	86	336.8	86	351.2	86
2331	Women's and misses' blouses and waists	38.0	89	38.7	89	39.6	89
2335	Women's and misses' dresses	172.3	87	162.9	87	172.6	88
2337	Women's and misses' suits and coats	45.2	79	48.1	80	47.9	81
2339	Women's and misses' outerwear, n e c	85.0	86	87.1	85	91.1	86
234	Women's and children's undergarments	100.5	88	95.8	87	97.4	87
2341	Women's and children's underwear	72.5	88	69.3	88	70.9	88
2342	Corsets and allied garments	28.0	86	26.5	84	26.5	84
235	Hats, caps, and millinery	11.2	69	11.6	71	12.4	72
236	Children's outerwear	66.4	87	62.5	86	64.3	86
2361	Children's dresses and blouses	28.1	90	27.5	89	27.8	89
237,8	Fur goods and miscellaneous apparel	53.3	76	51.3	76	53.0	76
239	Misc. fabricated textile products	107.6	63	107.0	63	110.9	63
2391,2	Housefurnishings	49.8	71	49.1	70	50.7	71
26	PAPER AND ALLIED PRODUCTS	138.9	20	143.8	20	146.5	21
261,2,6	Paper and pulp mills	21.1	10	21.4	10	21.2	10
263	Paperboard mills	5.2	7	5.1	7	5.1	7
264	Misc. converted paper products	14.5	33	67.1	34	68.7	34
2643	Bags, except textile bags	13.8	32	14.8	32	14.7	32
265	Paperboard containers and boxes	48.1	22	50.2	22	51.5	23
2651,2	Folding and setup paperboard boxes	18.8	31	19.7	32	19.4	32
2653	Corrugated and solid fiber boxes	14.5	13	15.3	14	15.5	14
2654	Sanitary food containers	9.6	32	9.4	31	10.6	33

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>							
27	PRINTING AND PUBLISHING	352.8	33	365.9	34	371.1	31
271	Newspapers	101.4	27	106.8	28	108.4	28
272	Periodicals	32.9	49	34.2	50	33.1	49
273	Books	49.3	49	48.3	49	51.0	50
275	Commercial printing	94.1	27	95.8	28	97.0	28
2751	Commercial printing, ex. lithographic	55.5	28	56.5	28	56.1	28
2752	Commercial printing, lithographic	35.0	27	36.1	27	37.1	28
278	Blankbooks and bookbinding	27.2	50	28.8	51	28.9	51
274,6,7,9	Other publishing & printing ind.	47.9	36	52.0	37	52.7	38
28	CHEMICALS AND ALLIED PRODUCTS	202.6	21	207.6	21	211.6	21
281	Industrial chemicals	32.4	11	33.9	11	33.8	11
2812	Alkalies and chlorines	1.6	7	1.7	8	1.6	8
2818	Industrial organic chemicals, n e c	15.1	13	16.1	13	16.2	13
2819	Industrial inorganic chemicals, n e c	9.8	10	10.2	11	10.0	10
282	Plastics materials and synthetics	38.0	18	39.9	18	41.6	19
2821	Plastics materials and resins	8.0	9	8.4	9	8.7	9
2823,4	Synthetic fibers	29.0	26	30.6	26	32.0	27
283	Drugs	56.4	38	57.5	39	57.7	39
2834	Pharmaceutical preparations	47.3	40	48.0	41	47.9	40
284	Soap, cleaners, and toilet goods	43.6	36	43.4	36	44.9	36
2841	Soap and other detergents	8.9	22	8.5	22	8.7	22
2844	Toilet preparations	25.1	53	25.0	51	26.2	52
285	Paints and allied products	10.7	16	10.8	16	11.0	16
287	Agricultural chemicals	5.5	10	5.8	11	6.1	10
2871,2	Fertilizers, complete & mixing only	2.9	7	2.9	8	3.1	7
286,9	Other chemical products	16.0	18	16.3	18	16.5	18
2892	Explosives	4.0	17	4.4	18	4.2	17
29	PETROLEUM AND COAL PRODUCTS	17.2	9	17.2	9	17.1	9
291	Petroleum refining	13.0	9	13.0	9	13.0	9
295,9	Other petroleum and coal products	4.2	11	4.2	11	4.1	10
30	RUBBER AND PLASTICS PRODUCTS, NEC	196.6	32	218.9	33	226.2	33
301	Tires and inner tubes	11.5	9	12.3	9	12.4	9
302,3,6	Other rubber products	60.1	34	65.3	35	67.3	35
302	Rubber footwear	14.6	58	15.7	58	16.2	59
307	Miscellaneous plastics products	125.0	40	141.3	42	146.5	42
31	LEATHER AND LEATHER PRODUCTS	176.8	59	175.4	60	176.8	60
311	Leather tanning and finishing	3.7	14	3.4	15	3.5	15
314	Footwear, except rubber	129.5	64	126.7	65	127.4	65
312,3,5-7,9	Other leather products	43.6	59	45.3	59	45.9	60
316	Luggage	8.8	54	8.6	53	9.3	54
317	Handbags and personal leather goods	22.9	71	24.3	70	23.9	70
-	TRANSPORTATION AND PUBLIC UTILITIES	932	21	949	21	959	21
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	35.3	13	38.5	14	39.1	14
411	Local and suburban transportation	4.8	7	5.3	8	5.1	7
412	Taxicabs	5.0	5	4.8	5	5.0	5
413	Intercity highway transportation	3.8	9	3.5	7	3.7	10
42	TRUCKING AND WAREHOUSING	98.0	9	102.3	9	102.7	9
421,3	Trucking and trucking terminals	86.5	9	90.2	9	90.7	9
422	Public warehousing	11.5	14	12.1	14	12.0	14
45	TRANSPORTATION BY AIR	85.0	25	91.2	26	95.6	27
451,2	Air transportation	81.7	27	87.4	27	91.9	28
46	PIPE LINE TRANSPORTATION	1.3	7	1.3	7	1.3	7
44	WATER TRANSPORTATION	14.9	7	15.2	7	16.3	8
47	TRANSPORTATION SERVICES	23.2	22	24.0	23	25.6	24
48	COMMUNICATION	541.7	47	541.6	47	541.7	47
481	Telephone communication	496.1	52	493.0	51	493.1	51
483	Radio and television broadcasting	32.1	24	33.7	25	33.7	25
49	ELECTRIC, GAS, AND SANITARY SERVICES	106.2	15	109.7	15	111.0	15
491	Electric companies and systems	44.6	15	46.4	15	46.9	15
492	Gas companies and systems	27.0	17	27.8	17	27.8	17

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>							
ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd							
493	Combination companies and systems	27.2	14	27.7	14	28.3	15
494-7	Water, steam, & sanitary systems	7.4	13	7.8	14	8.0	14
-	WHOLESALE AND RETAIL TRADE	6,066	39	6,338	40	6,429	40
50	WHOLESALE TRADE	871	23	912	23	920	23
501	Motor vehicles & automotive equipment	66.0	19	70.4	20	71.6	20
502	Drugs, chemicals, and allied products	77.5	34	77.9	34	79.3	35
503	Dry goods and apparel	73.1	47	75.4	47	76.8	47
504	Groceries and related products	114.6	21	120.6	21	120.3	21
506	Electrical goods	75.7	23	81.8	25	83.2	25
507	Hardware, plumbing & heating equipment	40.7	23	44.1	24	44.4	24
508	Machinery, equipment, and supplies	135.0	18	141.7	19	144.4	19
509	Miscellaneous wholesalers	269.3	22	278.2	22	283.0	22
52-59	RETAIL TRADE	5,195	45	5,426	46	5,509	46
53	RETAIL GENERAL MERCHANDISE	1,585.9	68	1,707.6	68	1,656.2	68
531	Department stores	1,048.1	69	1,142.4	69	1,103.7	69
532	Mail order houses	71.6	60	81.1	62	74.1	61
533	Variety stores	245.6	75	247.7	75	246.7	74
54	FOOD STORES	648.1	36	694.0	37	700.9	37
541-3	Grocery, meat, and vegetables stores	542.0	33	582.8	34	587.1	35
56	APPAREL AND ACCESSORY STORES	481.4	66	505.0	66	504.4	66
561	Men's & boys' clothing & furnishings	51.0	40	56.8	41	52.9	41
562	Women's ready-to-wear stores	248.2	89	256.8	89	260.8	89
565	Family clothing stores	67.8	67	73.6	68	70.1	69
566	Shoe stores	58.6	38	58.3	38	60.9	38
57	FURNITURE AND HOME FURNISHINGS STORES	135.1	29	142.5	30	143.7	30
571	Furniture and home furnishings	89.3	30	95.0	31	96.8	31
58	EATING AND DRINKING PLACES	1,457.5	54	1,431.1	55	1,552.8	55
52,55,59	OTHER RETAIL TRADE	887.1	25	945.7	26	951.1	26
52	Building materials and farm equipment	95.3	17	101.1	17	102.4	17
55	Automotive dealers & service stations	201.2	12	225.1	13	226.7	13
551,2	Motor vehicle dealers	90.9	12	95.4	12	97.0	12
553,9	Other automotive & accessory dealers	36.3	14	38.5	14	40.0	14
59	Miscellaneous retail stores	590.6	45	619.5	46	622.0	46
591	Drug stores and proprietary stores	283.5	61	295.4	62	291.8	61
594	Book and stationery stores	29.7	46	31.9	47	31.2	47
596	Farm and garden supply stores	27.4	22	24.8	21	29.5	23
598	Fuel and ice dealers	18.4	18	19.0	17	18.4	18
-	FINANCE, INSURANCE, AND REAL ESTATE	2,008	52	2,070	52	2,113	53
60	Banking	690.8	63	721.3	64	748.0	65
61	Credit agencies other than banks	217.5	56	234.1	57	241.6	58
612	Savings and loan associations	83.8	67	93.7	68	97.3	68
614	Personal credit institutions	92.2	48	96.8	49	100.5	50
62	Security, commodity brokers & services	70.1	35	68.2	35	67.8	35
63	Insurance carriers	568.6	52	578.2	52	589.0	52
631	Life insurance	252.1	44	252.8	44	258.3	45
632	Accident and health insurance	69.9	71	71.2	71	72.1	70
633	Fire, marine, and casualty insurance	214.5	56	219.3	56	222.8	56
64	Insurance agents, brokers, and service	167.2	59	171.7	59	165.6	56
65	Real estate	247.7	34	249.7	34	252.8	34
655	Subdividers and developers	24.5	21	24.0	21	24.9	20
656	Operative builders	9.0	16	8.3	15	8.1	15
66,67	Other finance, insurance, & real estate	46.5	51	46.9	51	47.7	51
-	SERVICES	6,639	54	6,803	55	7,010	55
Hotels and other lodging places:							
701	Hotels, tourist courts, and motels	359.4	52	346.0	52	379.6	53
72	Personal services	563.9	62	554.7	62	558.4	62
721	Laundries and dry cleaning plants	286.8	65	271.5	64	270.2	64
722	Photographic studios	26.7	65	25.1	63	25.8	64

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

SIC Code	Industry	April 1972		January 1973		April 1973	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	SERVICES - Continued						
73	Miscellaneous business services	551.0	34	600.3	35	612.3	35
731	Advertising	49.2	43	50.2	43	50.7	43
732	Credit reporting and collection	55.2	71	57.3	71	59.3	71
734	Services to buildings	106.4	34	119.4	35	122.3	36
76	Miscellaneous repair services	27.3	15	29.6	15	29.6	15
78	Motion pictures	71.1	37	66.7	37	72.9	39
781	Motion picture filming & distributing	16.1	35	17.7	34	17.1	38
782,3	Motion picture theaters and services	55.0	38	49.0	39	55.8	39
80	Medical and other health services	2,729.2	80	2,849.9	80	2,908.3	80
806	Hospitals	1,609.4	80	1,641.2	80	1,663.8	80
81	Legal services	161.7	64	170.6	63	173.5	64
82	Educational services	578.1	47	593.2	49	623.5	50
821	Elementary and secondary schools	243.2	60	255.2	61	258.4	61
822	Colleges and universities	273.2	41	271.8	42	295.0	43
89	Miscellaneous services	173.1	25	184.3	25	190.7	26
891	Engineering & architectural services	45.1	15	48.8	15	50.6	15
892	Nonprofit research agencies	33.6	30	36.7	32	37.2	32
-	GOVERNMENT.	5,847	44	6,066	45	6,161	45
91	FEDERAL GOVERNMENT	720	27	767	29	770	29
92,93	STATE AND LOCAL GOVERNMENT.	5,127	48	5,299	48	5,391	48
92	State government	1,219.4	42	1,248.3	43	1,277.5	43
	State education	526.9	42	534.9	43	562.8	44
	Other State government	692.5	42	713.4	43	714.7	43
93	Local government	3,907.7	50	4,050.3	50	4,113.6	50
	Local education	2,836.0	63	2,955.8	63	3,003.3	63
	Other local government	1,071.7	32	1,094.5	32	1,110.3	33

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

1967 = 100

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921	37.0	44.0	156.9	31.5	42.5	33.2	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922	39.2	48.3	151.5	36.9	46.9	34.3	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923	43.1	54.8	197.7	38.3	53.0	36.8	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924	42.6	52.0	179.6	41.2	49.7	37.4	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.1	101.7	98.9	102.4	101.7	103.9	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969	106.7	104.1	101.0	107.1	103.7	108.2	103.9	107.6	105.9	108.2	110.5	111.2	107.1	101.4	108.8
1970	107.2	100.4	101.6	105.4	99.5	110.9	105.4	109.6	108.1	110.1	114.4	115.0	110.0	99.5	113.3
1971	107.3	96.9	98.2	106.3	95.3	112.9	104.2	111.3	108.1	112.4	117.7	117.5	112.8	98.0	117.4
1972	110.5	99.1	99.0	109.8	97.4	116.7	105.5	115.3	111.1	116.7	121.8	121.9	116.6	97.5	122.6
1972:															
July ..	110.4	98.8	98.0	109.1	97.2	116.7	105.1	115.3	111.1	116.7	121.8	122.2	116.4	96.0	122.8
Aug... ..	110.9	99.4	98.4	110.5	97.6	117.2	105.3	115.8	111.7	117.3	122.2	122.6	116.9	96.6	123.3
Sept... ..	111.3	99.8	98.9	110.7	98.0	117.5	105.8	116.1	111.9	117.5	122.6	122.8	117.5	97.1	123.9
Oct... ..	111.7	100.5	99.2	111.0	98.8	117.9	106.5	116.4	112.3	117.9	123.1	123.3	117.7	97.3	124.1
Nov... ..	112.1	100.8	99.2	109.9	99.3	118.3	106.8	116.9	112.4	118.5	123.4	123.7	118.1	97.5	124.5
Dec... ..	112.4	100.9	99.0	107.8	99.8	118.7	107.0	117.2	112.6	118.8	123.8	124.1	118.5	97.5	125.0
1973:															
Jan... ..	112.8	101.3	99.5	109.0	100.1	119.0	107.3	117.7	113.5	119.2	123.9	125.0	118.3	97.1	124.9
Feb... ..	113.5	102.3	99.8	112.0	100.7	119.6	107.5	118.4	114.1	119.9	124.5	125.6	118.8	97.0	125.6
Mar... ..	113.8	102.5	99.5	112.3	101.0	119.9	107.5	118.8	114.3	120.4	124.8	125.9	119.1	96.8	126.1
Apr... ..	114.0	102.7	99.2	111.3	101.4	120.2	107.7	119.2	114.7	120.8	125.0	126.2	119.4	96.7	126.6
May... ..	114.4	103.2	99.2	112.8	101.7	120.5	107.8	119.5	114.8	121.1	125.4	126.5	119.7	97.1	126.8
June... ..	114.5	103.7	100.0	113.8	102.2	120.5	107.7	119.4	115.5	120.8	125.6	126.8	119.5	96.1	126.8
July... ..	114.6	103.5	100.3	114.5	101.8	120.7	108.0	119.6	115.4	121.0	125.6	127.2	119.6	95.7	127.0

p-preliminary.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1969 benchmark month.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

68

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

Industry division and group	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^p	July ^p
TOTAL	72,694	73,016	73,268	73,584	73,835	74,002	74,252	74,715	74,914	75,105	75,321	75,432	75,471
GOODS-PRODUCING	22,993	23,122	23,226	23,379	23,444	23,468	23,571	23,792	23,857	23,906	24,010	24,131	24,079
MINING	601	603	606	608	608	607	610	612	610	608	608	613	615
CONTRACT CONSTRUCTION	3,499	3,544	3,551	3,561	3,524	3,459	3,498	3,594	3,604	3,571	3,620	3,650	3,674
MANUFACTURING	18,893	18,975	19,069	19,210	19,312	19,402	19,463	19,586	19,643	19,727	19,782	19,868	19,790
DURABLE GOODS	10,867	10,933	11,003	11,112	11,194	11,270	11,326	11,421	11,463	11,534	11,602	11,657	11,617
Ordnance and accessories	190	191	187	191	196	196	197	198	197	195	193	192	193
Lumber and wood products	613	614	614	616	621	623	624	628	630	631	629	627	628
Furniture and fixtures	495	497	499	503	505	508	511	514	517	520	523	525	519
Stone, clay, and glass products	662	663	665	671	673	673	674	682	687	687	692	693	691
Primary metal industries	1,219	1,241	1,263	1,274	1,278	1,286	1,284	1,286	1,280	1,288	1,299	1,308	1,303
Fabricated metal products	1,371	1,377	1,381	1,393	1,400	1,407	1,419	1,432	1,436	1,448	1,456	1,455	1,450
Machinery, except electrical	1,859	1,872	1,885	1,909	1,932	1,950	1,965	1,973	1,990	2,006	2,021	2,038	2,028
Electrical equipment	1,828	1,834	1,849	1,878	1,888	1,908	1,925	1,945	1,957	1,970	1,984	2,004	2,007
Transportation equipment	1,751	1,757	1,772	1,782	1,800	1,814	1,817	1,845	1,846	1,869	1,877	1,884	1,869
Instruments and related products	456	460	462	466	470	472	477	481	484	481	490	494	494
Miscellaneous manufacturing	423	427	426	429	431	433	433	437	439	439	438	437	435
NONDURABLE GOODS	8,026	8,042	8,066	8,098	8,118	8,132	8,137	8,165	8,180	8,193	8,180	8,211	8,173
Food and kindred products	1,754	1,740	1,746	1,746	1,743	1,744	1,749	1,751	1,748	1,746	1,736	1,739	1,744
Tobacco manufactures	75	70	67	68	70	72	72	73	76	76	76	76	77
Textile mill products	990	994	995	1,003	1,008	1,015	1,014	1,023	1,023	1,023	1,022	1,024	1,024
Apparel and other textile products	1,312	1,335	1,339	1,343	1,347	1,345	1,337	1,349	1,350	1,357	1,351	1,351	1,311
Paper and allied products	698	700	701	706	706	707	708	711	715	712	719	719	723
Printing and publishing	1,077	1,080	1,083	1,085	1,088	1,090	1,093	1,092	1,094	1,096	1,095	1,100	1,102
Chemicals and allied products	997	998	1,007	1,010	1,013	1,014	1,016	1,014	1,018	1,021	1,025	1,029	1,029
Petroleum and coal products	189	189	189	189	189	189	189	185	186	183	182	185	186
Rubber and plastics products, nec	628	630	634	644	652	657	664	672	674	680	676	688	684
Leather and leather products	306	306	305	304	302	299	295	295	296	299	298	300	293
SERVICE-PRODUCING	49,701	49,894	50,042	50,205	50,391	50,534	50,681	50,923	51,057	51,199	51,311	51,301	51,392
TRANSPORTATION AND PUBLIC UTILITIES	4,477	4,487	4,507	4,540	4,549	4,558	4,574	4,580	4,580	4,591	4,593	4,589	4,601
WHOLESALE AND RETAIL TRADE	15,685	15,762	15,794	15,839	15,911	15,946	16,013	16,114	16,163	16,217	16,256	16,244	16,270
WHOLESALE TRADE	3,917	3,939	3,946	3,958	3,963	3,970	4,001	4,022	4,029	4,044	4,046	4,071	4,068
RETAIL TRADE	11,768	11,823	11,848	11,881	11,948	11,976	12,012	12,092	12,134	12,173	12,210	12,173	12,202
FINANCE, INSURANCE, AND REAL ESTATE	3,927	3,940	3,953	3,969	3,981	3,991	3,995	4,014	4,024	4,031	4,044	4,049	4,049
SERVICES	12,341	12,382	12,403	12,451	12,497	12,537	12,621	12,682	12,716	12,746	12,776	12,803	12,843
Hotels and other lodging places	853	861	864	860	868	867	861	872	867	865	871	879	-
Personal services	912	911	911	909	908	907	905	903	904	901	896	888	-
Medical and other health services	3,443	3,462	3,478	3,495	3,513	3,532	3,556	3,580	3,601	3,622	3,642	3,663	-
Educational services	1,158	1,171	1,186	1,184	1,187	1,188	1,179	1,191	1,193	1,196	1,194	1,201	-
GOVERNMENT	13,271	13,323	13,385	13,406	13,453	13,502	13,478	13,533	13,574	13,614	13,642	13,616	13,629
FEDERAL	2,613	2,624	2,633	2,639	2,644	2,650	2,634	2,628	2,631	2,628	2,641	2,613	2,603
STATE AND LOCAL	10,658	10,699	10,752	10,767	10,809	10,852	10,844	10,905	10,943	10,986	11,001	11,003	11,026

p = preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
TOTAL	49, 169	49, 412	49, 581	49, 839	50, 021	50, 105	50, 316	50, 708	50, 830	50, 947	51, 090	51, 197	51, 170
GOODS-PRODUCING	17, 150	17, 268	17, 350	17, 486	17, 539	17, 555	17, 624	17, 827	17, 890	17, 920	17, 996	18, 106	18, 058
MINING	455	456	458	460	459	458	462	464	462	461	461	463	466
CONTRACT CONSTRUCTION	2, 887	2, 928	2, 936	2, 944	2, 905	2, 841	2, 867	2, 961	2, 977	2, 938	2, 984	3, 018	3, 044
MANUFACTURING	13, 808	13, 884	13, 956	14, 082	14, 175	14, 256	14, 295	14, 402	14, 451	14, 521	14, 551	14, 625	14, 548
DURABLE GOODS	7, 907	7, 972	8, 027	8, 124	8, 200	8, 266	8, 307	8, 386	8, 425	8, 483	8, 528	8, 576	8, 535
Ordnance and accessories	96	97	93	96	102	102	102	103	102	101	99	98	100
Lumber and wood products	528	529	529	531	535	538	539	543	543	544	542	541	541
Furniture and fixtures	409	411	413	416	419	421	424	426	428	430	428	435	430
Stone, clay, and glass products	529	530	530	537	539	538	539	547	550	550	555	554	553
Primary metal industries	969	992	1, 013	1, 023	1, 025	1, 033	1, 031	1, 033	1, 027	1, 033	1, 044	1, 052	1, 046
Fabricated metal products	1, 049	1, 056	1, 059	1, 069	1, 075	1, 082	1, 091	1, 104	1, 108	1, 118	1, 123	1, 124	1, 116
Machinery, except electrical	1, 234	1, 246	1, 252	1, 277	1, 298	1, 314	1, 324	1, 328	1, 343	1, 356	1, 366	1, 379	1, 370
Electrical equipment	1, 234	1, 240	1, 251	1, 278	1, 288	1, 306	1, 316	1, 337	1, 349	1, 361	1, 370	1, 386	1, 394
Transportation equipment	1, 253	1, 260	1, 273	1, 278	1, 294	1, 305	1, 310	1, 327	1, 334	1, 351	1, 354	1, 360	1, 347
Instruments and related products	276	279	281	284	287	289	292	295	298	296	304	306	302
Miscellaneous manufacturing	330	332	333	335	338	338	339	343	343	343	343	341	336
NONDURABLE GOODS	5, 901	5, 912	5, 929	5, 958	5, 975	5, 990	5, 988	6, 016	6, 026	6, 038	6, 023	6, 049	6, 013
Food and kindred products	1, 186	1, 168	1, 174	1, 175	1, 171	1, 175	1, 181	1, 184	1, 181	1, 178	1, 170	1, 173	1, 177
Tobacco manufactures	62	57	54	55	57	59	59	61	63	63	63	63	64
Textile mill products	870	874	875	882	887	894	893	902	900	900	900	900	901
Apparel and other textile products	1, 142	1, 164	1, 168	1, 171	1, 176	1, 172	1, 161	1, 173	1, 174	1, 182	1, 174	1, 176	1, 131
Paper and allied products	539	540	541	545	546	547	548	552	554	552	557	557	562
Printing and publishing	655	657	658	659	659	660	662	661	661	663	661	664	666
Chemicals and allied products	579	580	585	587	589	590	590	587	592	593	596	598	604
Petroleum and coal products	116	117	117	118	119	119	119	115	117	115	115	117	117
Rubber and plastics products, nec	489	492	495	505	513	517	522	529	531	536	531	544	539
Leather and leather products	263	263	262	261	258	257	253	252	253	256	256	257	252
SERVICE-PRODUCING	32, 019	32, 144	32, 231	32, 353	32, 482	32, 550	32, 692	32, 881	32, 940	33, 027	33, 094	33, 091	33, 112
TRANSPORTATION AND PUBLIC UTILITIES	3, 865	3, 871	3, 885	3, 922	3, 930	3, 937	3, 947	3, 949	3, 945	3, 952	3, 957	3, 953	3, 962
WHOLESALE AND RETAIL TRADE	13, 919	13, 983	14, 025	14, 067	14, 137	14, 157	14, 211	14, 320	14, 362	14, 404	14, 435	14, 409	14, 419
WHOLESALE TRADE	3, 280	3, 296	3, 301	3, 315	3, 319	3, 324	3, 350	3, 363	3, 372	3, 381	3, 385	3, 405	3, 401
RETAIL TRADE	10, 639	10, 687	10, 724	10, 752	10, 818	10, 833	10, 861	10, 957	10, 990	11, 023	11, 050	11, 004	11, 018
FINANCE, INSURANCE, AND REAL ESTATE	3, 069	3, 083	3, 090	3, 097	3, 106	3, 111	3, 111	3, 127	3, 134	3, 139	3, 143	3, 143	3, 149
SERVICES	11, 166	11, 207	11, 231	11, 267	11, 309	11, 345	11, 423	11, 485	11, 499	11, 532	11, 559	11, 586	11, 582

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
1	ALABAMA	1,072.8	1,095.0	1,104.1	8.4	8.2	8.2	60.0	60.0	61.7	330.5	333.9	339.3
2	Birmingham	276.2	281.3	284.4	5.3	5.5	5.4	18.0	17.4	18.3	69.0	69.9	70.8
3	Huntsville	82.1	81.1	79.9	(1)	(1)	(1)	2.5	2.6	2.7	14.3	14.5	14.7
4	Mobile	107.1	107.9	109.3	(1)	(1)	(1)	6.6	6.7	6.9	24.2	24.7	25.2
5	Montgomery	73.6	74.7	76.4	(1)	(1)	(1)	6.0	5.8	6.3	11.0	11.2	11.3
6	Tuscaloosa	42.8	44.5	44.3	(1)	(1)	(1)	3.1	3.2	3.2	11.4	11.0	12.1
7	ALASKA	109.2	108.8	112.2	2.7	2.1	2.1	8.8	7.9	9.0	10.7	9.5	11.0
8	ARIZONA	639.2	696.9	695.6	22.4	24.0	24.6	54.5	63.0	63.9	97.2	106.5	108.0
9	Phoenix	377.7	416.7	416.6	.3	.4	.4	31.9	36.2	36.5	74.0	81.4	82.6
10	Tucson	125.2	136.1	136.3	7.0	7.6	7.8	12.2	13.3	13.7	10.0	11.6	11.7
11	ARKANSAS	597.1	613.3	626.7	4.5	4.2	4.4	33.1	33.4	36.1	187.4	197.4	201.4
12	Fayetteville	27.8	29.9	28.9	(1)	(1)	(1)	1.4	1.4	1.6	8.0	8.1	8.5
13	Fort Smith	50.8	52.6	52.5	.4	.4	.4	2.3	2.2	2.2	19.1	20.0	20.4
14	Little Rock-North Little Rock	138.5	139.1	142.0	(1)	(1)	(1)	10.7	8.3	9.7	28.3	30.0	30.8
15	Pine Bluff	24.7	25.5	25.4	(1)	(1)	(1)	1.0	1.0	1.1	5.8	6.3	6.4
16	CALIFORNIA	7,312.9	7,466.9	7,544.0	29.4	30.3	30.7	317.2	327.5	336.4	1,539.6	1,592.0	1,602.7
17	Anaheim-Santa Ana-Garden Grove	465.7	491.5	496.8	2.0	2.0	2.0	25.6	27.2	27.7	126.1	134.3	133.6
18	Bakersfield	97.2	97.9	99.9	6.3	6.2	6.3	3.7	3.8	3.9	8.9	8.9	8.9
19	Fresno	131.7	134.8	136.8	.6	.6	.6	6.7	6.7	6.9	18.4	19.2	19.6
20	Los Angeles-Long Beach	2,921.3	2,987.7	3,004.2	11.0	11.0	11.1	98.0	99.8	101.0	786.6	816.1	819.5
21	Modesto	59.4	60.1	61.1	.1	.1	.1	4.3	4.2	4.4	15.0	13.7	14.3
22	Oxnard-Simi Valley-Ventura	101.5	103.9	104.5	1.6	1.6	1.6	5.1	5.0	5.2	13.8	14.6	14.3
23	Riverside-San Bernardino-Ontario	316.5	324.4	326.0	1.8	2.2	2.2	15.3	15.1	15.5	55.0	56.5	57.0
24	Sacramento	285.3	291.6	295.0	.1	.1	.1	15.2	14.5	15.1	21.3	22.3	22.2
25	Salinas-Seaside-Monterey	69.3	69.7	71.2	.5	.6	.6	3.0	3.0	3.1	7.5	8.0	7.8
26	San Diego	422.4	429.9	433.0	.5	.5	.5	25.5	23.6	23.4	61.9	63.0	63.2
27	San Francisco-Oakland	1,265.5	1,284.1	1,292.6	1.5	2.0	2.0	59.3	60.9	61.9	187.2	191.5	194.4
28	San Jose	404.9	422.9	429.3	.1	.1	.1	18.7	19.4	19.6	121.2	128.1	131.4
29	Santa Barbara-Santa Maria-Lompoc	84.9	87.6	87.8	.9	.9	.9	3.4	3.2	3.4	10.1	10.8	10.6
30	Santa Rosa	58.0	60.0	60.6	.3	.3	.4	3.5	3.2	3.4	8.3	8.9	9.0
31	Stockton	96.2	94.7	97.8	.1	.1	.1	4.4	4.5	4.8	16.9	17.8	17.5
32	Vallejo-Fairfield-Napa	73.7	72.5	74.1	.1	.1	.1	3.2	2.8	3.1	7.9	7.5	8.1
33	COLORADO	808.4	836.2	849.7	13.6	13.3	13.9	46.7	54.1	59.2	122.4	124.6	126.8
34	Denver	511.8	530.9	533.9	5.5	5.4	5.5	29.5	33.7	34.9	87.9	88.8	90.0
35	CONNECTICUT	1,202.1	1,219.4	1,233.3	(2)	(2)	(2)	59.5	57.3	60.6	405.2	417.2	423.7
36	Bridgeport	145.6	144.9	148.7	(2)	(2)	(2)	5.4	5.3	5.6	61.3	60.6	63.5
37	Hartford	321.7	325.9	328.9	(2)	(2)	(2)	15.2	14.4	15.3	83.9	84.6	85.0
38	New Britain	44.1	44.5	44.9	(2)	(2)	(2)	2.0	2.1	2.1	22.0	21.9	22.1
39	New Haven	160.7	164.6	164.7	(2)	(2)	(2)	8.0	7.8	8.2	39.9	42.5	42.7
40	Stamford	85.7	84.9	86.2	(2)	(2)	(2)	4.1	4.0	4.2	28.0	27.2	27.3
41	Waterbury	81.3	82.9	84.3	(2)	(2)	(2)	4.0	3.8	4.0	36.1	37.5	38.2
42	DELAWARE	238.3	237.1	238.4	(1)	(1)	(1)	16.2	16.1	16.8	73.9	73.8	74.2
43	Wilmington	205.1	205.7	208.0	(1)	(1)	(1)	15.3	14.4	15.1	66.4	68.3	68.7
44	DISTRICT OF COLUMBIA ³	691.7	685.1	691.6	(1)	(1)	(1)	17.7	19.6	20.0	17.1	17.1	17.2
45	Washington SMSA	1,255.0	1,266.6	1,285.3	(1)	(1)	(1)	80.4	80.7	84.3	43.4	45.1	45.9
46	FLORIDA	2,389.6	2,554.4	2,553.9	9.4	9.2	9.4	203.0	224.4	228.8	332.6	348.0	348.9
47	Fort Lauderdale-Hollywood	200.2	217.4	217.2	(1)	(1)	(1)	25.1	27.9	28.1	22.4	25.0	25.4
48	Jacksonville	203.3	206.5	206.7	(1)	(1)	(1)	13.8	14.2	14.4	24.6	25.1	24.9
49	Miami	553.8	570.0	566.8	(1)	(1)	(1)	36.4	38.0	38.0	83.7	86.7	86.4
50	Orlando	184.4	205.6	207.0	(1)	(1)	(1)	22.4	25.9	26.4	24.4	26.4	26.4
51	Pensacola	75.0	76.9	77.1	(1)	(1)	(1)	7.2	7.1	7.2	14.7	14.2	14.3
52	Tampa-St. Petersburg	351.2	378.0	376.3	(1)	(1)	(1)	30.9	32.9	33.0	55.6	58.2	57.9
53	West Palm Beach	120.1	134.2	130.9	(1)	(1)	(1)	12.6	15.3	15.8	17.9	18.5	18.5
54	GEORGIA	1,679.1	1,695.9	1,704.8	7.1	7.2	7.4	97.5	95.2	98.8	476.7	473.7	481.1
55	Atlanta	661.3	665.3	669.0	(1)	(1)	(1)	41.7	39.1	40.7	113.7	110.8	111.5
56	Augusta	90.3	93.7	93.3	(1)	(1)	(1)	5.6	6.3	6.3	29.8	30.5	30.9
57	Columbus	72.0	72.0	72.7	(1)	(1)	(1)	4.8	4.6	4.7	20.2	20.9	21.3
58	Macon	80.5	81.5	81.7	(1)	(1)	(1)	4.1	4.7	4.9	13.9	14.1	14.2
59	Savannah	68.4	68.8	69.1	(1)	(1)	(1)	4.3	4.1	4.1	15.4	15.8	16.2
60	HAWAII	317.3	316.0	323.7	(1)	(1)	(1)	23.4	24.5	25.1	29.8	24.5	27.2
61	Honolulu	268.8	266.6	272.5	(1)	(1)	(1)	19.8	20.9	21.4	22.4	17.7	19.5

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
June 1972	May 1973	June 1973 P	June 1972	May 1973	June 1973 P	June 1972	May 1973	June 1973 P	June 1972	May 1973	June 1973 P	June 1972	May 1973	June 1973 P	
58.7	59.7	60.8	205.9	213.1	215.9	46.0	47.8	48.5	144.3	146.2	147.1	219.0	226.1	222.6	1
20.3	21.3	21.4	64.0	65.2	65.4	17.5	18.1	18.3	41.0	41.9	42.0	41.1	42.0	42.8	2
1.7	1.7	1.7	13.0	13.2	13.3	2.2	2.3	2.3	17.3	16.3	16.4	31.1	30.5	28.8	3
9.5	9.5	9.6	26.5	25.8	26.3	5.5	5.6	5.7	17.9	18.1	18.1	16.9	17.5	17.5	4
4.1	4.4	4.5	17.0	17.0	17.1	4.6	4.8	4.8	12.2	12.2	12.2	18.7	19.3	20.2	5
1.7	1.8	1.8	6.8	7.0	6.9	1.4	1.4	1.4	4.7	4.4	3.9	13.7	15.7	15.0	6
10.7	10.2	10.6	16.9	17.9	18.4	3.6	3.9	4.0	14.3	15.5	15.9	41.5	41.8	41.2	7
32.4	34.8	35.4	149.3	163.3	163.4	35.8	39.1	39.6	112.3	118.1	117.7	135.3	148.1	143.0	8
18.6	19.9	20.1	94.3	104.9	104.6	27.0	29.6	30.1	65.8	72.1	71.6	65.8	72.2	70.7	9
6.9	7.4	7.5	27.8	30.3	30.2	5.5	6.2	6.2	22.5	23.8	23.7	33.3	35.9	35.5	10
35.2	35.8	36.0	119.5	124.2	125.5	26.4	27.9	28.9	80.7	81.8	84.2	110.3	108.6	110.2	11
2.1	2.2	2.2	6.3	6.5	6.6	.7	.8	.8	3.6	3.6	3.5	5.7	7.3	5.7	12
2.9	3.0	3.1	10.9	10.9	11.0	1.8	1.9	1.9	7.3	7.4	7.6	6.1	6.8	5.9	13
10.1	10.1	10.1	30.0	30.8	31.1	9.9	10.3	10.6	22.1	22.2	22.6	27.4	27.4	27.1	14
3.7	3.6	3.6	4.8	5.0	5.0	1.0	1.0	1.0	3.5	3.6	3.6	4.9	5.0	4.7	15
464.7	460.0	467.0	1,639.0	1,672.8	1,695.6	421.8	437.8	440.9	1,375.6	1,402.0	1,417.2	1,525.6	1,544.5	1,553.5	16
16.1	16.5	16.8	109.4	116.3	118.4	26.4	28.3	28.6	84.2	87.1	89.6	75.9	79.8	80.1	17
6.4	6.6	6.8	23.0	23.2	24.1	4.3	4.5	4.5	16.2	15.8	16.6	28.4	28.9	28.8	18
8.5	8.1	8.3	34.6	33.8	35.6	5.9	6.0	6.1	24.0	25.1	25.5	33.0	35.3	34.2	19
171.8	169.5	171.2	661.0	678.8	683.4	180.2	186.7	187.4	565.7	574.5	577.8	447.0	451.3	452.8	20
2.8	2.6	2.7	13.2	14.0	14.0	1.6	1.6	1.6	10.6	11.3	11.4	11.8	12.6	12.6	21
4.3	4.6	4.6	24.0	24.8	25.2	3.8	3.8	3.8	17.3	18.0	18.2	31.6	31.5	31.6	22
18.1	18.3	18.6	72.2	74.8	75.3	11.5	11.7	11.9	60.6	63.6	62.7	82.0	82.2	82.8	23
17.7	17.6	17.8	60.9	63.2	64.0	12.2	12.5	12.6	43.2	45.2	45.8	114.7	116.2	117.4	24
4.4	4.5	4.6	18.2	17.9	19.0	2.5	2.5	2.5	13.6	13.9	14.2	19.6	19.3	19.4	25
22.2	22.2	22.9	93.0	96.3	96.5	23.3	24.4	24.7	85.4	85.8	87.2	110.6	114.1	114.6	26
127.7	127.8	129.2	274.1	276.8	279.6	104.4	107.8	108.2	234.3	241.2	241.4	277.0	276.0	275.9	27
18.2	18.2	18.5	80.2	84.2	85.2	17.4	18.6	18.8	82.3	85.6	86.4	66.8	68.7	69.3	28
3.3	3.3	3.3	19.6	20.0	20.3	3.7	3.8	3.8	21.6	23.0	22.9	22.3	22.6	22.6	29
3.0	3.2	3.2	13.6	14.0	14.2	3.8	4.1	4.1	10.8	10.9	11.1	14.7	15.4	15.2	30
7.0	6.8	7.0	21.2	20.0	21.5	3.3	3.2	3.2	17.5	17.5	18.1	25.8	24.8	25.6	31
3.9	4.0	4.1	13.4	13.8	14.0	2.1	2.1	2.1	11.9	12.3	12.2	31.2	29.9	30.4	32
54.9	56.6	57.1	189.6	198.9	204.9	43.3	44.2	44.2	138.6	141.2	143.6	199.3	203.3	200.0	33
38.2	39.5	39.9	125.6	130.5	131.0	31.6	32.3	32.4	92.2	95.2	96.3	101.3	105.5	103.9	34
54.6	54.1	54.6	236.8	239.7	241.8	78.9	81.0	82.1	202.5	203.0	204.6	164.6	167.3	165.9	35
6.3	6.3	6.3	28.9	28.9	29.2	5.5	5.6	5.7	22.3	22.3	22.5	15.9	16.0	16.0	36
12.5	12.6	12.7	65.4	65.8	66.4	45.6	48.0	48.6	52.6	53.9	54.4	46.6	46.6	46.6	37
1.4	1.4	1.5	6.9	7.0	7.0	1.3	1.3	1.3	5.7	5.7	5.7	4.7	5.2	5.0	38
13.9	13.8	13.9	32.7	32.9	33.2	8.5	8.6	8.6	35.7	36.4	36.1	22.0	22.7	22.2	39
3.4	3.4	3.4	18.1	18.6	18.8	4.9	5.1	5.2	18.3	17.8	18.3	8.9	8.8	9.0	40
3.3	3.2	3.3	13.6	14.0	14.1	2.4	2.4	2.5	12.0	12.1	12.3	10.0	10.0	10.0	41
11.3	11.0	11.1	49.3	49.6	49.6	10.6	10.8	10.9	42.7	40.5	42.1	34.3	35.3	33.7	42
9.9	9.7	9.8	41.3	41.7	41.6	9.4	9.6	9.7	33.6	32.3	33.9	29.2	29.7	29.2	43
28.5	28.0	28.1	74.9	74.4	74.6	33.2	32.8	33.1	139.5	138.2	138.2	380.8	375.0	380.4	44
61.0	62.0	63.4	241.4	248.7	250.7	75.0	76.6	78.0	273.3	275.2	278.8	480.5	478.3	484.2	45
170.9	179.1	179.0	624.0	677.7	670.2	154.1	162.5	165.5	452.3	486.0	480.4	443.3	467.5	471.7	46
11.8	13.5	13.7	55.9	59.9	58.9	14.1	14.7	14.8	41.8	45.5	45.0	29.1	30.9	31.3	47
20.2	20.1	20.2	55.2	55.5	55.5	21.5	22.1	22.3	34.1	34.9	34.9	33.9	34.6	34.5	48
59.7	60.7	60.9	144.7	148.8	146.3	40.3	40.7	40.9	123.8	129.3	128.4	65.2	65.8	65.9	49
10.2	11.1	11.2	47.3	52.8	52.9	11.8	12.8	12.9	42.0	48.1	48.8	26.3	28.5	28.4	50
3.8	4.0	4.0	16.1	17.5	18.0	3.1	3.2	3.2	11.1	11.5	11.3	19.0	19.4	19.1	51
23.8	25.4	25.3	97.7	108.9	107.8	22.8	24.5	24.6	68.2	73.3	73.2	52.2	54.8	54.5	52
5.8	6.0	6.0	32.1	35.4	34.5	8.0	8.9	9.0	25.7	31.0	28.2	18.0	19.1	18.9	53
109.7	115.5	114.7	361.4	365.6	367.0	85.2	87.7	88.3	218.2	220.4	221.0	323.3	330.6	326.5	54
61.7	67.0	66.5	184.4	186.4	187.4	48.3	49.7	49.8	107.0	107.9	108.1	104.5	104.4	105.0	55
3.8	3.8	3.8	16.5	17.2	17.1	3.2	3.2	3.3	10.5	10.5	10.5	20.9	22.2	21.4	56
2.9	2.9	2.9	13.5	13.5	13.5	4.2	4.4	4.5	9.4	9.5	9.6	17.0	16.2	16.2	57
3.4	3.4	3.5	16.1	16.6	16.5	4.2	4.1	4.2	10.9	10.9	10.8	27.9	27.7	27.6	58
7.0	7.1	6.7	15.6	15.6	15.6	3.4	3.4	3.4	10.6	10.7	10.7	12.1	12.1	12.4	59
24.8	24.6	25.0	73.7	74.9	75.9	20.0	20.0	20.3	64.9	67.7	68.2	80.7	79.8	82.0	60
21.1	20.8	21.0	62.4	63.3	63.9	18.3	18.1	18.4	53.9	56.1	56.5	70.9	69.7	71.8	61

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
1	IDAHO	231.8	238.3	244.3	3.0	2.7	2.8	12.5	12.5	13.6	43.5	44.8	47.0
2	Boise City	49.5	52.8	53.6	(1)	(1)	(1)	3.4	4.1	4.3	5.8	5.6	5.8
3	ILLINOIS	4,334.6	4,345.0	4,392.1	24.0	23.2	23.7	192.3	186.9	198.8	1,277.1	1,310.3	1,326.5
4	Bloomington-Normal	41.0	44.5	43.2	(2)	(2)	(2)	1.9	1.7	1.8	6.1	7.1	7.2
5	Champaign-Urbana	63.3	64.4	63.6	(2)	(2)	(2)	3.5	3.2	3.6	4.9	5.8	6.0
6	Chicago ⁴	2,970.7	2,973.7	3,014.8	4.5	4.3	4.3	126.6	125.1	130.5	874.5	893.5	903.3
7	Chicago-Northwestern Indiana	3,194.0	3,198.1	(*)	4.6	4.4	(*)	137.4	134.4	(*)	977.8	996.7	(*)
8	Davenport-Rock Island-Moline	135.2	138.7	140.4	(2)	(2)	(2)	6.8	7.3	8.0	41.7	44.0	44.6
9	Decatur	50.2	51.5	51.7	(2)	(2)	(2)	2.3	2.2	2.5	19.4	20.9	21.4
10	Peoria	130.7	134.2	135.5	(2)	(2)	(2)	8.6	8.2	8.8	45.4	48.4	48.9
11	Rockford	108.7	112.2	113.5	(2)	(2)	(2)	4.1	3.8	4.1	52.2	54.6	55.4
12	Springfield	71.7	72.1	72.5	(2)	(2)	(2)	4.2	4.0	3.9	9.4	9.0	8.9
13	INDIANA	1,923.8	1,983.9	1,998.8	7.0	7.2	7.3	85.5	87.9	93.3	715.4	749.9	759.0
14	Evansville	91.4	93.7	94.9	1.3	1.3	1.4	4.4	4.1	4.4	32.7	35.3	35.8
15	Fort Wayne	123.9	128.0	129.8	(1)	(1)	(1)	5.9	6.0	6.5	43.6	45.7	46.1
16	Gary-Hammond-East Chicago ⁴	223.3	226.5	230.5	(1)	(1)	(1)	10.8	10.5	11.3	103.3	106.1	107.9
17	Indianapolis	432.0	434.5	435.7	(1)	(1)	(1)	20.6	20.4	21.2	122.7	124.3	124.7
18	Muncie	46.6	48.2	48.7	(1)	(1)	(1)	1.6	1.6	1.7	16.0	16.7	17.0
19	South Bend	98.6	98.9	98.0	(1)	(1)	(1)	4.3	4.2	4.4	32.3	32.8	33.2
20	Terre Haute	55.2	55.7	55.5	.9	.9	.9	2.5	2.0	2.1	15.2	16.2	16.3
21	IOWA	949.1	968.3	977.6	3.3	3.0	3.2	48.4	41.0	45.6	225.1	234.3	241.3
22	Cedar Rapids	66.7	68.8	69.3	(1)	(1)	(1)	4.1	4.1	4.1	22.5	23.8	24.4
23	Des Moines	140.8	142.9	144.6	(1)	(1)	(1)	7.4	7.6	7.9	26.0	26.8	27.8
24	Dubuque	36.1	38.3	38.9	(1)	(1)	(1)	1.1	1.1	1.2	15.1	16.4	16.4
25	Sioux City	43.0	45.0	45.6	(1)	(1)	(1)	2.4	2.0	2.3	10.8	12.9	13.4
26	Waterloo	51.9	55.3	55.6	(1)	(1)	(1)	2.3	2.3	2.6	18.6	21.3	21.5
27	KANSAS	720.5	744.2	746.3	9.9	9.6	9.7	37.1	36.1	38.3	145.3	155.5	159.0
28	Topeka	67.6	68.0	68.8	.1	.1	.1	3.1	2.9	3.0	10.0	10.4	10.6
29	Wichita	144.3	150.4	151.5	2.2	2.2	2.1	6.5	6.9	7.1	40.3	45.3	46.7
30	KENTUCKY	999.4	1,038.0	1,041.5	31.6	32.8	33.7	60.4	59.2	63.0	267.7	281.6	284.3
31	Lexington	83.1	87.9	86.5	(1)	(1)	(1)	6.0	5.7	6.2	16.4	18.3	17.9
32	Louisville	335.2	357.4	360.7	(1)	(1)	(1)	17.8	19.2	20.6	107.9	114.2	115.4
33	LOUISIANA	1,125.6	1,135.7	1,137.8	53.7	52.4	52.7	87.1	84.4	85.4	180.9	179.3	181.5
34	Baton Rouge	116.4	119.8	120.9	.5	.5	.6	14.0	10.0	10.3	17.2	17.4	17.6
35	Lake Charles	42.4	44.2	44.3	1.2	1.2	1.2	3.8	3.8	4.1	9.5	9.5	9.7
36	Monroe	41.7	41.4	41.2	.4	.4	.4	4.3	3.7	3.9	6.7	7.0	7.0
37	New Orleans	396.6	398.3	397.9	13.9	13.6	13.9	27.0	26.6	26.6	54.5	52.6	53.2
38	Shreveport	100.1	102.4	102.5	3.4	3.3	3.3	6.9	6.7	6.8	18.0	18.8	19.2
39	MAINE	345.8	336.3	345.3	(1)	(1)	(1)	19.7	17.4	19.9	105.6	100.6	103.1
40	Lewiston-Auburn	29.5	28.8	29.1	(1)	(1)	(1)	1.3	1.4	1.5	12.4	11.6	11.7
41	Portland	68.1	69.1	70.1	(1)	(1)	(1)	3.8	3.9	4.0	14.0	14.2	14.3
42	MARYLAND ³	1,366.4	1,391.7	1,407.4	2.2	2.2	2.2	102.0	99.6	105.3	249.9	251.0	255.2
43	Baltimore	823.8	834.7	842.7	.3	.3	.3	46.4	44.8	47.3	180.6	179.9	183.8
44	MASSACHUSETTS	2,294.1	2,311.3	2,331.9	(1)	(1)	(1)	106.8	101.8	108.1	608.4	615.6	627.4
45	Boston	1,291.4	1,289.8	1,294.0	(1)	(1)	(1)	56.2	55.7	59.1	257.5	255.4	258.1
46	Brockton	53.7	53.7	54.7	-	-	-	2.1	2.0	2.1	15.7	15.3	15.6
47	Fall River	46.7	46.3	46.9	(1)	(1)	(1)	(1)	(1)	(1)	20.5	20.8	21.2
48	Lawrence-Haverhill	83.6	84.7	84.4	(1)	(1)	(1)	2.3	2.0	2.1	37.1	37.8	38.6
49	Lowell	53.7	53.1	54.5	(1)	(1)	(1)	2.8	2.8	3.0	19.8	19.8	20.8
50	New Bedford	56.5	57.2	57.8	(1)	(1)	(1)	1.4	1.3	1.4	25.3	25.8	26.0
51	Springfield-Chicopee-Holyoke	190.8	190.1	193.4	(1)	(1)	(1)	8.4	8.0	8.6	60.8	61.4	63.6
52	Worcester	129.6	132.2	134.3	(1)	(1)	(1)	5.4	5.0	5.3	41.3	43.2	44.5
53	MICHIGAN	3,045.3	3,144.8	3,157.8	12.1	12.4	12.8	114.5	111.5	117.5	1,073.1	1,138.6	1,142.9
54	Ann Arbor	101.0	106.1	105.3	(1)	(1)	(1)	2.3	2.5	2.7	36.2	38.2	38.4
55	Battle Creek	62.3	64.1	64.7	(1)	(1)	(1)	1.9	1.9	2.1	25.3	26.3	26.6
56	Bay City	29.6	31.8	32.0	(1)	(1)	(1)	1.5	1.4	1.6	9.7	10.6	10.6
57	Detroit	1,494.3	1,535.2	1,541.9	.7	.6	.6	58.5	55.8	59.0	538.0	573.2	573.5
58	Flint	167.5	173.4	174.7	(1)	(1)	(1)	5.7	4.7	5.7	74.6	79.4	78.8
59	Grand Rapids	198.1	205.9	207.0	(1)	(1)	(1)	10.4	9.7	10.4	73.2	77.2	78.1
60	Jackson	48.3	50.2	50.7	(1)	(1)	(1)	2.1	2.0	2.1	17.8	18.5	18.6
61	Kalamazoo	72.2	75.4	75.2	(1)	(1)	(1)	3.3	3.2	3.4	26.2	28.6	28.6
62	Lansing-East Lansing	134.5	141.4	138.6	(1)	(1)	(1)	5.7	5.6	6.3	38.0	38.7	38.8
63	Muskegon-Muskegon Heights	49.0	50.0	50.1	(1)	(1)	(1)	1.7	1.7	1.8	21.7	22.1	22.2
64	Saginaw	78.3	79.5	79.1	(1)	(1)	(1)	4.0	3.1	3.2	34.4	35.0	35.0

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	
15.1	15.5	15.7	57.0	59.7	60.1	9.0	9.7	9.9	37.4	37.7	38.4	54.3	55.7	56.8	1
3.4	3.6	3.5	13.1	13.9	13.9	3.3	3.6	3.7	8.2	9.5	9.7	12.3	12.5	12.7	2
283.1	277.7	282.4	942.4	939.4	946.9	241.0	242.8	246.3	704.6	702.0	706.4	670.0	662.7	661.1	3
3.0	3.0	3.1	9.5	9.9	9.9	5.3	5.6	5.7	7.0	7.2	7.2	8.1	10.0	8.4	4
2.5	2.5	2.6	12.5	12.8	12.6	1.6	1.6	1.6	8.6	8.5	8.4	29.8	30.0	28.8	5
203.5	200.2	201.9	668.0	666.0	670.9	188.7	188.6	191.0	517.1	516.9	522.7	387.8	379.1	390.3	6
217.5	215.2	(*)	706.2	704.2	(*)	195.0	195.2	(*)	541.5	541.5	(*)	414.0	406.6	(*)	7
7.3	7.1	7.2	31.2	32.2	32.5	5.9	5.6	5.8	19.8	20.2	19.7	22.5	22.3	22.5	8
4.4	4.4	4.4	9.5	9.3	9.3	2.0	2.1	2.1	7.5	7.3	7.4	5.2	5.2	4.7	9
7.2	7.1	7.3	28.4	28.4	28.6	5.5	5.6	5.7	19.6	20.3	20.3	16.0	16.1	15.9	10
3.8	3.8	3.9	21.2	21.6	21.9	3.4	3.6	3.6	14.0	14.7	14.6	10.1	10.1	10.1	11
4.3	4.3	4.3	14.5	14.8	14.9	5.6	6.2	6.3	12.8	13.0	13.0	21.0	21.0	21.3	12
102.2	101.9	102.8	390.5	401.7	402.6	81.6	83.0	84.0	245.7	247.9	246.8	296.0	304.5	303.0	13
5.4	5.3	5.4	20.0	20.2	20.4	3.2	3.2	3.2	15.5	15.3	15.3	8.9	9.0	9.0	14
8.8	9.2	9.5	28.4	29.6	29.8	6.9	7.1	7.2	17.3	17.7	17.8	13.0	12.7	12.9	15
14.0	14.1	14.4	38.2	38.3	38.9	6.3	6.4	6.5	24.5	24.8	24.9	26.2	26.3	26.6	16
28.0	27.5	27.7	97.4	97.9	98.3	30.3	30.5	30.9	60.0	61.0	60.5	73.0	72.9	72.4	17
2.3	2.4	2.4	10.0	10.1	10.4	1.5	1.5	1.5	5.8	5.9	6.0	9.4	10.0	9.7	18
4.7	4.7	4.7	21.2	21.4	21.5	5.2	5.3	5.3	18.9	18.9	17.2	12.0	11.6	11.7	19
4.1	4.1	4.1	12.8	12.9	12.8	1.8	1.8	1.8	7.5	7.5	7.5	10.4	10.3	10.0	20
54.4	54.4	55.4	229.2	237.4	237.8	44.8	45.9	46.6	165.3	168.4	167.6	178.6	183.8	180.1	21
3.6	3.6	3.6	14.2	14.4	14.4	3.0	3.2	3.3	10.8	11.1	11.1	8.5	8.6	8.4	22
10.3	10.7	10.9	34.0	33.1	33.2	15.7	16.3	16.6	26.0	26.7	26.6	21.3	21.6	21.6	23
1.6	1.6	1.6	7.2	7.4	7.6	1.0	1.0	1.0	7.2	7.7	7.8	3.0	3.2	3.4	24
3.2	3.2	3.2	11.5	11.7	11.7	2.2	2.1	2.1	7.6	7.7	7.8	5.3	5.4	5.1	25
2.5	2.4	2.4	11.0	10.9	10.9	1.5	1.5	1.5	7.5	7.9	7.9	8.6	9.0	8.8	26
53.0	53.6	54.2	171.3	173.9	174.5	32.8	32.3	33.0	109.7	112.3	113.0	161.4	170.9	164.6	27
7.0	7.0	7.1	14.5	14.7	14.7	4.2	4.4	4.4	11.7	11.8	11.9	17.2	16.9	17.2	28
8.0	7.9	8.2	32.8	33.2	33.3	7.0	7.1	7.2	25.9	26.2	26.5	21.8	21.8	20.5	29
62.5	63.1	63.6	201.1	207.1	207.9	39.5	40.3	40.9	148.2	152.0	152.4	188.4	201.9	195.7	30
4.4	4.7	4.7	17.3	16.7	16.8	4.0	4.3	4.3	13.4	14.1	14.3	21.6	24.1	22.3	31
23.8	23.8	24.3	72.2	77.3	78.1	18.3	19.3	19.6	50.8	55.9	56.1	44.5	47.7	46.5	32
94.7	96.9	97.5	264.3	265.8	266.1	52.9	54.0	54.2	169.2	169.2	171.4	222.8	233.7	229.0	33
5.4	5.5	5.6	24.4	27.0	27.1	6.9	8.7	8.9	16.1	19.0	19.2	31.9	31.7	31.6	34
2.9	3.1	3.0	10.0	10.1	10.0	1.7	1.7	1.7	6.5	6.8	6.8	6.8	8.0	7.8	35
2.4	2.3	2.4	11.3	11.5	11.4	2.7	2.9	2.9	6.1	6.0	6.1	7.8	7.6	7.1	36
41.5	42.9	42.8	97.3	98.3	98.5	23.9	24.3	24.5	72.4	76.2	74.1	66.1	63.8	64.3	37
9.4	9.4	9.5	24.7	25.9	26.1	4.9	5.0	5.0	16.8	16.8	16.9	16.0	16.5	15.7	38
18.2	17.6	18.1	69.2	67.7	69.4	12.5	12.7	12.8	50.7	49.5	51.1	69.9	70.8	70.9	39
1.0	1.0	1.0	6.2	6.2	6.2	.8	.9	.9	5.1	5.1	5.2	2.7	2.6	2.6	40
5.3	5.5	5.6	18.0	17.6	17.8	5.8	6.1	6.2	12.4	12.6	13.1	8.8	9.2	9.1	41
79.1	80.1	81.0	330.8	340.9	343.1	75.2	76.7	78.7	259.7	266.6	269.3	267.5	274.6	272.6	42
53.9	54.5	54.9	182.9	187.6	187.6	45.6	46.3	47.2	146.0	150.8	151.2	168.1	170.5	170.4	43
123.8	122.9	124.4	505.1	502.3	506.4	130.1	130.4	132.0	484.3	494.5	495.3	335.6	343.8	338.3	44
74.9	76.4	76.8	303.7	299.0	299.2	94.7	94.2	95.1	328.4	332.7	331.4	176.0	176.4	174.3	45
4.1	4.1	4.4	13.1	13.3	13.5	1.6	1.6	1.7	7.9	8.1	8.1	9.2	9.3	9.3	46
2.1	2.0	2.1	10.0	9.7	9.6	(¹)	(¹)	(¹)	9.3	9.0	9.1	4.8	4.8	4.9	47
3.0	3.4	3.4	14.9	14.9	14.8	2.6	2.5	2.6	10.9	11.1	11.2	12.8	13.0	11.7	48
2.4	2.2	2.2	11.6	11.3	11.3	1.6	1.5	1.6	8.6	8.6	8.7	6.9	6.9	6.9	49
3.3	3.1	3.2	11.2	11.7	11.7	(¹)	(¹)	(¹)	10.0	10.1	10.2	5.3	5.2	5.3	50
9.1	8.6	8.7	39.6	38.8	38.7	9.7	9.8	9.9	36.6	36.4	36.8	26.6	27.1	27.1	51
7.1	7.1	7.2	27.2	27.6	27.7	7.0	7.3	7.4	24.3	24.7	24.8	17.3	17.3	17.4	52
146.0	148.4	149.4	615.2	618.0	623.2	119.8	121.1	122.8	444.2	452.0	452.7	520.4	542.7	536.5	53
2.2	2.2	2.0	13.9	14.3	14.0	2.6	2.7	2.8	9.9	10.4	10.7	34.0	35.7	34.8	54
2.6	2.6	2.6	9.5	9.8	9.8	3.7	3.8	3.8	8.2	8.4	8.4	11.2	11.4	11.4	55
1.9	2.1	2.1	6.7	7.8	8.1	.8	.8	.8	4.4	4.3	4.3	4.6	4.7	4.5	56
78.7	76.8	77.2	297.1	303.6	304.8	70.4	70.6	71.3	230.6	234.7	235.4	220.4	220.0	220.1	57
4.8	6.2	6.2	34.5	33.7	34.1	4.7	5.2	5.2	19.4	20.4	20.7	23.9	23.9	24.0	58
9.7	9.8	9.8	46.6	49.1	48.9	7.3	7.6	7.6	28.4	29.0	28.8	22.5	23.4	23.4	59
4.2	4.2	4.2	8.5	9.6	9.7	1.4	1.4	1.4	6.1	6.4	6.4	8.2	8.2	8.3	60
2.8	2.6	2.7	15.4	15.9	15.9	2.4	2.4	2.5	9.4	9.5	9.6	12.7	13.1	12.6	61
4.1	4.1	4.1	21.7	22.9	22.9	6.0	6.2	6.3	17.0	16.5	16.9	42.0	47.4	43.4	62
3.3	3.3	3.3	8.1	8.2	8.3	1.3	1.4	1.4	6.0	6.1	6.1	7.1	7.2	7.1	63
3.8	3.9	4.0	15.3	15.5	15.9	3.0	2.9	2.9	8.8	8.9	8.9	9.2	10.1	9.2	64

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
1	MINNESOTA	1,367.8	1,409.9	1,426.9	12.6	14.1	14.9	59.8	62.5	67.5	307.5	318.6	326.3
2	Duluth-Superior	57.4	54.2	55.1	(1)	(1)	(1)	2.8	2.4	2.6	8.5	7.7	7.6
3	Minneapolis-St. Paul	798.7	827.8	835.8	(1)	(1)	(1)	30.7	34.6	36.0	196.6	205.4	208.5
4	MISSISSIPPI	631.0	649.7	646.7	6.2	6.0	6.1	38.3	35.4	37.3	206.4	209.5	212.5
5	Jackson	100.3	105.1	104.2	.7	.7	.7	6.8	7.7	8.3	15.2	15.8	16.0
6	MISSOURI	1,687.0	1,713.7	1,724.3	8.5	8.0	8.1	74.1	65.4	69.9	437.2	446.7	451.8
7	Kansas City	524.5	534.0	538.2	.5	.5	.5	30.0	29.1	31.4	118.2	119.8	120.1
8	St. Joseph	33.3	32.6	32.6	(2)	(2)	(2)	2.2	1.9	1.9	9.6	8.9	9.1
9	St. Louis	893.9	879.3	885.6	2.9	2.5	2.5	35.3	32.4	33.3	258.9	258.0	261.9
10	Springfield	62.5	64.7	65.2	.1	.1	.1	3.5	3.7	4.0	16.9	17.8	17.8
11	MONTANA	219.1	217.3	224.6	6.1	6.5	6.5	11.6	10.8	11.9	25.2	24.5	25.1
12	Billings	33.4	34.0	35.0	(1)	(1)	(1)	2.3	2.2	2.3	3.6	3.6	3.8
13	Great Falls	27.2	26.7	27.1	(1)	(1)	(1)	1.9	1.8	1.9	2.7	2.2	2.3
14	NEBRASKA	520.1	530.5	535.3	1.9	1.8	1.8	31.4	31.0	33.4	87.6	89.7	92.6
15	Lincoln	77.8	81.8	81.5	-	-	-	4.1	4.3	4.5	12.0	12.3	12.8
16	Omaha	226.5	229.1	232.7	(2)	(2)	(2)	13.2	12.8	13.7	39.5	39.9	40.2
17	NEVADA	227.0	234.7	239.2	3.5	3.7	3.8	15.2	16.9	17.0	9.5	10.6	10.6
18	Las Vegas	121.5	126.7	127.4	.1	.1	.1	8.4	9.0	8.8	4.4	4.7	4.5
19	Reno	65.2	67.9	69.8	.2	.2	.2	4.7	5.2	5.2	3.4	4.0	4.0
20	NEW HAMPSHIRE	280.9	283.8	295.8	.4	.4	.4	15.4	15.5	16.7	92.1	94.9	96.1
21	Manchester	51.6	51.9	52.1	(1)	(1)	(1)	2.4	2.3	2.3	17.5	17.1	17.1
22	NEW JERSEY	2,711.4	2,699.4	2,759.9	3.4	3.2	3.3	126.3	109.2	132.8	822.4	817.1	824.7
23	Atlantic City	68.8	65.9	70.1	-	-	-	3.5	2.7	3.4	9.7	10.2	10.6
24	Camden	277.1	282.0	286.8	.1	.1	.1	16.8	15.3	18.5	68.5	67.7	68.9
25	Jersey City	245.7	243.3	244.7	-	-	-	5.2	4.5	5.2	96.9	93.7	95.0
26	Long Branch-Asbury Park	133.1	129.6	135.1	.1	.1	.1	8.1	6.5	8.1	22.6	22.9	23.3
27	Newark	793.3	792.7	806.1	.6	.6	.6	32.9	27.4	33.7	230.3	230.0	233.4
28	Paterson-Clifton-Passaic	528.6	525.3	533.9	.2	.2	.2	23.9	19.4	23.8	185.2	181.3	183.3
29	Perth Amboy	296.1	301.0	304.3	.8	.7	.9	13.3	11.4	14.1	109.8	112.7	111.5
30	Trenton	143.2	146.6	147.7	(1)	(1)	(1)	3.8	3.2	3.8	39.4	40.3	40.2
31	Vineland-Millville-Bridgeton	52.4	52.0	53.1	(1)	(1)	(1)	2.1	2.3	2.7	22.2	21.4	22.0
32	NEW MEXICO	333.5	347.9	353.0	16.3	16.3	16.6	25.2	26.4	27.3	25.9	28.6	28.9
33	Albuquerque	128.6	138.0	139.8	(1)	(1)	(1)	12.1	12.6	13.1	12.3	13.9	14.1
34	NEW YORK	7,113.2	7,085.3	(*)	7.6	7.3	(*)	283.4	272.9	(*)	1,615.3	1,616.7	(*)
35	Albany-Schenectady-Troy	289.2	292.5	293.1	(1)	(1)	(1)	18.0	17.3	18.6	59.3	58.0	58.5
36	Binghamton	104.1	107.5	108.8	(1)	(1)	(1)	3.2	5.0	5.3	38.7	38.5	39.3
37	Buffalo	480.2	499.6	502.7	(1)	(1)	(1)	12.3	21.6	21.8	151.9	156.9	158.4
38	Elmira	37.8	38.4	39.1	(1)	(1)	(1)	1.9	2.4	2.5	13.7	14.1	14.1
39	Monroe County	309.0	311.6	316.8	(1)	(1)	(1)	14.1	12.0	13.4	124.9	127.5	131.3
40	Nassau-Suffolk	774.0	777.9	791.1	(1)	(1)	(1)	46.9	46.0	47.6	143.9	145.5	145.9
41	New York-Northeastern New Jersey	6,608.0	6,571.5	(*)	3.9	3.6	(*)	257.6	239.3	(*)	1,529.3	1,512.6	(*)
42	New York and Nassau-Suffolk	4,744.4	4,709.3	(*)	2.2	2.1	(*)	182.5	176.7	(*)	907.1	895.4	(*)
43	New York SMSA	3,970.5	3,931.8	(*)	2.1	2.0	(*)	135.6	130.7	(*)	763.2	749.9	(*)
44	New York City	3,591.0	3,554.0	(*)	1.6	1.6	(*)	111.4	108.5	(*)	681.3	669.5	(*)
45	Poughkeepsie	80.2	82.4	83.6	(1)	(1)	(1)	3.4	3.2	3.4	27.4	27.9	28.4
46	Rochester	352.1	354.2	360.7	(1)	(1)	(1)	15.0	13.0	14.7	139.3	141.2	145.7
47	Rockland County	70.1	71.7	73.1	(1)	(1)	(1)	5.3	6.3	6.4	14.2	13.5	13.7
48	Syracuse	234.7	239.7	242.5	(1)	(1)	(1)	13.4	13.3	14.5	58.5	60.3	61.6
49	Utica-Rome	110.9	111.4	112.9	(1)	(1)	(1)	3.9	3.5	4.0	34.4	35.1	35.2
50	Westchester County	309.5	305.9	310.4	(1)	(1)	(1)	18.9	15.9	15.9	67.7	66.9	67.4
51	NORTH CAROLINA	1,911.9	1,954.0	1,957.5	4.0	4.1	4.2	120.8	119.3	127.4	761.9	762.5	775.0
52	Asheville	-	-	-	(1)	(1)	(1)	-	-	-	21.4	22.0	22.2
53	Charlotte	196.2	200.9	202.1	(1)	(1)	(1)	15.5	14.9	15.3	44.0	44.7	45.2
54	Greensboro-Winston-Salem-High Point	282.2	284.4	285.0	(1)	(1)	(1)	15.1	13.7	14.5	116.7	113.8	116.1
55	Raleigh	-	-	-	-	-	-	-	-	-	15.3	16.6	16.8
56	NORTH DAKOTA	180.4	184.9	185.7	1.6	1.5	1.5	14.1	11.7	13.2	10.9	11.6	11.8
57	Fargo-Moorhead	44.1	46.4	45.8	.1	.1	.1	3.4	3.2	3.5	3.2	3.0	3.1
58	OHIO	3,995.7	4,066.3	4,103.2	23.5	23.1	23.6	167.3	161.6	170.8	1,349.1	1,401.6	1,413.7
59	Akron	252.8	255.2	257.2	.3	.2	.2	8.6	8.0	8.5	91.2	91.9	91.8
60	Canton	138.3	143.5	145.1	.5	.4	.4	5.4	5.3	5.5	56.2	60.0	60.7
61	Cincinnati	518.2	532.1	537.3	.5	.4	.4	24.4	24.6	25.7	155.7	165.0	166.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division--Continued

(in thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	
89.3	89.0	90.0	338.1	344.7	348.1	68.0	69.1	69.6	241.3	254.3	253.0	251.3	257.6	257.4	1
7.8	6.6	7.1	13.7	13.4	13.5	1.9	1.9	2.0	11.6	11.5	11.7	11.3	10.7	10.7	2
56.7	56.9	57.1	198.4	202.9	204.2	51.2	51.8	52.1	146.4	153.9	155.3	118.7	122.4	122.5	3
32.8	34.1	34.3	118.2	127.3	127.5	23.2	23.7	23.8	74.8	72.2	71.4	131.2	141.4	133.9	4
7.0	7.1	7.1	23.5	24.2	24.2	7.9	8.1	8.2	16.7	18.5	17.2	22.4	23.0	22.5	5
123.3	123.1	123.8	385.4	387.8	391.8	93.9	93.9	95.1	268.8	271.4	273.4	295.8	317.4	310.4	6
50.2	50.1	50.0	128.9	132.2	133.0	33.9	33.9	34.3	85.8	87.2	88.3	77.0	81.2	80.6	7
1.9	2.0	2.0	8.1	8.1	8.2	1.4	1.4	1.4	5.3	5.2	5.1	4.8	5.1	4.9	8
64.4	62.0	62.8	192.8	189.8	191.2	47.1	46.6	47.1	158.4	155.9	155.4	134.1	132.1	131.4	9
4.6	4.4	4.4	16.1	17.0	17.2	2.4	2.3	2.3	10.2	11.0	10.8	8.7	8.4	8.6	10
18.2	17.8	18.0	52.9	54.4	55.6	8.9	9.0	9.1	38.2	37.0	38.8	58.0	57.3	59.6	11
3.1	3.2	3.3	10.2	10.4	10.6	1.8	1.8	1.8	6.4	6.8	7.0	6.0	6.0	6.2	12
2.3	2.2	2.3	7.6	7.6	7.7	1.7	1.8	1.8	5.1	5.3	5.3	5.9	5.8	5.8	13
38.3	37.8	38.6	130.2	132.9	132.8	30.5	31.5	31.8	91.9	94.6	94.7	108.4	111.3	109.5	14
5.1	5.0	5.1	16.7	17.4	17.3	5.5	5.6	5.5	12.5	13.3	13.1	21.8	23.9	23.2	15
21.3	21.0	21.4	55.9	56.7	56.6	17.5	17.9	18.3	42.2	43.7	44.2	36.9	37.0	38.3	16
14.9	15.6	15.6	42.8	44.7	45.6	10.2	10.9	11.0	91.2	91.3	95.7	39.7	41.0	39.9	17
7.8	8.0	8.1	22.6	23.9	24.3	5.6	6.0	6.1	55.2	57.1	57.9	17.4	17.9	17.6	18
5.1	5.4	5.5	14.3	14.5	14.8	3.7	3.8	3.8	22.9	23.1	25.3	10.9	11.7	11.0	19
12.1	12.3	12.6	55.7	58.1	59.8	12.2	12.8	13.1	51.9	47.7	54.3	41.1	42.1	42.8	20
3.6	3.7	3.7	11.4	11.5	11.6	3.3	3.5	3.6	8.9	9.3	9.3	4.5	4.5	4.5	21
184.2	184.5	183.6	588.2	592.7	603.4	126.0	127.6	130.0	448.6	444.3	455.5	412.3	420.8	426.6	22
3.7	3.9	3.9	20.0	18.3	20.2	3.2	3.3	3.3	17.1	15.5	16.8	12.0	12.0	11.9	23
15.0	14.8	14.6	70.3	74.4	73.8	11.7	12.3	12.5	45.3	46.8	47.1	49.4	50.6	51.3	24
32.2	33.4	33.1	43.5	42.7	41.9	8.2	8.4	8.5	29.6	29.5	29.6	30.1	31.1	31.4	25
6.1	5.9	6.0	31.9	32.2	33.0	4.6	4.6	4.7	29.8	27.7	29.9	29.9	29.7	30.0	26
62.6	60.7	60.7	156.3	159.1	159.2	55.7	55.0	55.6	140.9	143.2	144.4	114.0	116.7	118.5	27
27.8	27.9	27.9	131.5	135.6	136.3	21.2	22.2	22.5	82.7	82.0	82.6	56.1	56.7	57.3	28
16.8	15.8	15.9	62.9	65.9	66.0	7.4	7.7	7.9	36.6	36.3	37.1	48.5	50.5	50.9	29
6.0	5.8	5.9	22.1	22.3	22.3	5.6	5.6	5.7	31.7	33.9	33.9	34.6	35.5	35.9	30
3.3	3.3	3.3	8.3	8.4	8.4	2.3	2.3	2.3	6.2	6.1	6.1	8.0	8.2	8.3	31
20.7	22.5	21.9	72.0	75.8	76.9	14.7	15.4	15.7	63.6	63.6	66.4	95.1	99.3	99.3	32
7.6	8.5	8.3	30.9	33.4	34.0	7.4	7.7	7.8	28.7	29.8	30.4	29.6	32.1	32.1	33
482.4	472.2	(*)	1,457.2	1,444.5	(*)	601.5	593.8	(*)	1,409.3	1,412.2	(*)	1,256.3	1,265.6	(*)	34
16.8	17.1	17.3	58.4	58.5	58.9	12.3	12.4	12.7	50.6	51.0	50.8	73.8	78.2	76.3	35
4.6	4.6	4.7	18.6	19.4	19.6	3.3	3.4	3.4	13.4	13.7	13.5	22.2	23.0	23.0	36
31.2	30.8	31.5	102.4	104.5	104.5	19.9	20.1	20.5	81.6	85.1	85.1	80.8	80.6	80.9	37
1.6	1.4	1.5	7.8	7.6	7.8	1.0	1.1	1.1	5.7	5.5	5.7	6.1	6.2	6.4	38
11.2	11.1	11.3	56.2	56.0	56.4	12.0	12.4	12.6	54.0	56.2	55.0	36.6	36.5	36.8	39
37.2	37.8	38.1	207.1	205.5	210.2	39.5	41.6	42.0	146.8	148.1	151.5	152.5	153.4	155.8	40
500.5	494.5	(*)	1,384.9	1,380.0	(*)	600.7	596.1	(*)	1,296.0	1,298.1	(*)	1,035.1	1,047.3	(*)	41
361.1	356.9	(*)	990.7	976.7	(*)	508.2	501.9	(*)	1,005.7	1,007.6	(*)	786.9	791.9	(*)	42
323.9	319.2	(*)	783.6	771.2	(*)	468.7	460.3	(*)	859.0	859.7	(*)	634.4	638.7	(*)	43
301.2	295.3	(*)	698.3	687.1	(*)	451.0	442.5	(*)	777.8	777.6	(*)	568.4	572.1	(*)	44
2.8	2.8	2.8	13.5	13.9	14.0	2.4	2.5	2.5	12.7	13.1	13.4	18.0	18.9	19.0	45
12.8	12.7	13.0	64.2	63.9	64.4	12.8	13.2	13.4	59.0	60.9	59.8	49.0	49.3	49.7	46
3.7	3.7	3.8	14.5	14.9	15.5	2.3	2.5	2.5	12.5	12.3	12.6	17.6	18.3	18.7	47
14.7	14.4	14.9	51.5	51.7	52.1	13.0	13.5	13.7	40.5	42.8	41.1	43.1	43.6	44.5	48
5.2	4.8	4.9	19.2	19.3	19.9	4.9	5.0	5.1	16.0	16.8	16.8	27.4	26.8	27.0	49
19.0	20.2	20.4	70.8	69.1	69.8	15.4	15.4	15.5	69.3	70.1	72.1	48.4	48.9	49.2	50
98.1	102.3	103.5	344.5	352.8	354.7	80.1	84.2	86.5	242.9	243.1	243.0	259.6	285.7	263.2	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
20.1	20.9	21.2	52.4	53.3	53.7	15.1	15.7	16.1	28.5	28.7	29.1	20.6	22.7	21.5	53
16.9	17.9	18.0	53.1	53.3	53.5	14.0	14.2	14.4	38.3	38.8	39.4	28.1	32.7	29.1	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55
12.4	12.5	12.6	49.3	52.9	53.3	7.5	7.6	7.7	34.4	35.9	36.0	50.1	51.3	49.6	56
3.2	3.2	3.2	13.4	14.0	14.1	2.5	2.6	2.7	9.1	9.9	9.5	9.3	10.4	9.7	57
227.2	225.8	224.3	822.5	831.6	837.2	169.7	172.6	175.5	631.8	640.1	648.5	604.6	609.7	609.5	58
15.6	15.5	15.6	51.6	52.1	52.6	8.5	8.7	8.8	38.4	39.6	40.2	38.7	39.1	39.4	59
7.1	7.1	7.1	27.9	28.5	28.7	4.8	5.0	5.1	22.3	22.8	23.3	14.2	14.5	14.2	60
34.5	34.3	34.6	112.6	113.8	115.0	27.6	28.1	28.3	89.1	91.8	92.7	73.9	74.1	73.8	61

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
1	OHIO—Continued												
2	Cleveland	850.1	862.3	866.8	1.5	1.2	1.2	30.1	29.5	30.8	274.2	283.3	286.2
3	Columbus	410.9	414.3	425.5	.9	.8	.8	22.8	19.6	23.0	87.3	90.1	90.7
4	Dayton	330.5	331.1	332.1	.5	.5	.5	13.2	12.6	13.2	116.2	116.6	116.2
5	Toledo	252.8	256.6	257.8	.4	.4	.4	10.2	10.2	10.5	80.5	82.2	82.2
6	Youngstown—Warren	203.9	212.6	213.6	.3	.3	.3	7.5	7.4	7.8	88.1	94.7	95.1
7	OKLAHOMA	808.8	831.8	836.9	37.4	37.3	38.0	41.9	45.6	47.5	139.1	145.0	148.0
8	Oklahoma City	278.6	285.9	286.3	6.9	7.1	7.1	17.4	18.5	19.1	39.5	40.1	40.6
9	Tulsa	188.6	192.6	193.9	13.0	12.7	12.8	11.0	11.7	12.4	40.0	42.3	42.7
10	OREGON	795.1	812.5	828.0	1.7	1.8	1.8	39.0	41.4	39.9	189.8	188.7	196.2
11	Eugene—Springfield	79.3	82.0	83.1	(1)	(1)	(1)	3.7	4.0	3.8	20.7	21.6	22.0
12	Portland	412.8	426.9	433.1	(1)	(1)	(1)	21.5	22.7	22.2	88.9	92.5	95.8
13	Salem	62.9	61.8	63.6	(1)	(1)	(1)	3.2	3.4	3.4	12.5	10.0	11.8
14	PENNSYLVANIA	4,420.3	4,462.0	4,516.1	41.6	40.7	41.2	216.5	205.1	218.3	1,445.2	1,470.1	1,497.4
15	Allentown—Bethlehem—Easton	226.1	232.1	236.7	.6	.6	.6	10.9	10.4	11.5	101.0	103.0	105.0
16	Altoona	49.7	49.3	50.0	(1)	(1)	(1)	2.1	2.2	2.5	15.8	15.1	15.4
17	Delaware Valley ¹⁰	1,528.9	1,540.3	1,552.3	1.2	1.2	1.3	74.6	76.0	81.3	433.0	435.4	441.3
18	Erie	104.4	108.9	110.2	(1)	(1)	(1)	4.5	4.0	4.6	44.5	46.1	47.2
19	Harrisburg	190.9	196.1	197.3	(1)	(1)	(1)	10.2	8.8	8.6	40.2	41.7	42.5
20	Johnstown	81.5	82.5	83.4	6.4	6.5	6.6	3.4	3.2	3.3	23.7	24.1	24.2
21	Lancaster	131.7	137.0	137.9	(1)	(1)	(1)	8.2	8.2	8.7	55.0	57.0	58.0
22	Philadelphia SMSA	1,805.8	1,822.4	1,835.4	1.3	1.4	1.4	91.3	91.3	99.8	501.5	503.1	507.1
23	Philadelphia City ¹¹	877.7	873.9	873.2	-	-	-	33.6	31.0	31.4	213.0	213.6	213.7
24	Pittsburgh	872.5	873.7	882.8	10.8	10.2	10.4	43.2	38.5	39.1	259.9	263.9	268.5
25	Reading	126.9	130.1	131.2	(1)	(1)	(1)	5.0	4.3	4.4	53.9	54.7	55.2
26	Scranton	89.7	88.4	88.9	.4	.3	.3	3.0	2.9	3.2	33.3	32.2	32.7
27	Wilkes-Barre—Hazleton	128.4	126.6	129.3	1.6	1.6	1.6	6.0	6.3	7.0	52.0	50.7	52.1
28	Williamsport	44.8	45.5	46.4	(1)	(1)	(1)	1.9	2.1	2.5	19.1	18.8	19.2
29	York	138.9	138.8	141.2	(1)	(1)	(1)	11.1	8.9	9.3	59.7	59.6	61.1
30	RHODE ISLAND	361.3	363.9	367.0	(1)	(1)	(1)	16.4	15.9	16.6	121.0	121.8	123.3
31	Providence—Warwick—Pawtucket	374.6	376.8	380.5	(1)	(1)	(1)	16.4	16.0	16.7	136.4	136.9	138.9
32	SOUTH CAROLINA	922.2	965.8	974.4	1.7	1.7	1.8	63.5	68.2	72.2	356.6	366.9	372.0
33	Charleston	92.4	92.4	92.8	(1)	(1)	(1)	6.9	6.5	6.5	13.1	12.7	12.8
34	Columbia	130.7	134.3	133.8	(1)	(1)	(1)	9.6	10.0	10.5	22.9	24.3	24.5
35	Greenville	136.4	141.1	142.2	(1)	(1)	(1)	10.5	10.5	10.7	59.5	62.0	62.7
36	SOUTH DAKOTA	194.9	200.7	204.5	2.3	2.3	2.5	9.6	10.6	11.7	18.3	19.1	19.5
37	Rapid City	21.4	22.0	22.6	.1	.1	.1	1.6	1.6	1.6	2.4	2.1	2.2
38	Sioux Falls	39.0	39.8	40.3	(1)	(1)	(1)	1.9	1.7	1.9	6.3	6.5	6.6
39	TENNESSEE	1,459.4	1,506.9	1,518.1	7.3	7.3	7.4	81.4	77.6	81.9	489.4	501.7	504.1
40	Chattanooga	137.8	139.4	139.6	.4	.3	.3	6.1	5.8	6.1	53.7	54.6	55.0
41	Knoxville	160.3	161.8	164.4	1.6	1.6	1.6	9.0	9.3	9.6	47.3	49.4	49.5
42	Memphis	304.7	312.9	316.0	.3	.2	.3	16.8	14.8	15.4	60.6	62.2	62.8
43	Nashville	232.0	236.7	237.5	(1)	(1)	(1)	13.6	14.5	14.9	62.1	63.1	63.8
44	TEXAS	3,901.5	4,036.9	4,054.3	104.8	102.5	104.3	261.5	272.7	274.7	751.5	766.1	777.4
45	Amarillo	50.9	52.2	52.2	(1)	(1)	(1)	2.0	2.4	2.4	6.9	7.0	7.1
46	Austin	134.2	141.4	139.8	(1)	(1)	(1)	10.3	9.5	9.9	12.6	13.2	13.6
47	Beaumont—Port Arthur—Orange	109.6	110.1	110.2	(1)	(1)	(1)	8.5	7.2	8.1	37.3	38.0	38.2
48	Corpus Christi	89.8	89.2	90.0	3.7	3.5	3.5	7.5	7.4	7.5	10.7	11.0	11.2
49	Dallas	694.8	721.4	729.1	8.4	7.9	8.0	42.1	44.8	45.8	152.2	160.4	163.4
50	El Paso	116.7	121.5	120.9	(1)	(1)	(1)	8.6	9.2	8.9	26.5	28.1	28.0
51	Fort Worth	266.0	271.3	273.4	1.4	1.4	1.5	15.2	15.2	15.3	71.3	72.4	72.9
52	Galveston—Texas City	55.3	57.9	58.2	(1)	(1)	(1)	2.7	3.4	3.4	11.2	11.1	11.1
53	Houston	818.2	844.6	845.6	31.5	32.1	32.1	68.4	70.0	69.7	151.1	153.5	156.0
54	Lubbock	60.5	66.1	64.7	(1)	(1)	(1)	3.3	3.3	3.6	7.8	8.3	8.5
55	San Antonio	279.2	286.6	287.5	1.5	1.6	1.6	18.2	19.9	20.1	33.8	34.5	34.5
56	Waco	53.3	55.0	54.9	(1)	(1)	(1)	3.0	3.1	3.2	13.3	13.4	13.4
57	Wichita Falls	38.3	39.5	39.4	2.0	2.0	2.1	1.9	1.7	1.7	5.2	5.5	5.7
58	UTAH	397.1	415.5	419.3	12.5	12.5	12.8	22.5	21.6	23.3	60.3	63.5	64.7
59	Salt Lake City	213.5	224.8	227.1	6.6	6.4	6.6	13.0	12.8	13.4	32.6	34.6	34.9

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	
50.0	49.0	46.3	187.4	187.8	188.8	42.8	43.5	44.1	146.5	148.2	149.2	117.6	119.7	120.3	1
22.1	22.3	22.7	89.3	90.2	93.9	28.6	29.3	29.7	72.9	75.9	77.1	87.1	86.1	87.6	2
13.0	12.6	12.7	62.3	64.0	64.1	10.7	10.8	11.0	53.2	53.7	54.3	61.5	60.3	60.1	3
17.8	17.8	17.9	55.9	56.8	57.1	8.5	8.5	8.6	42.0	43.0	43.6	37.5	37.7	37.5	4
10.4	10.8	10.9	40.3	40.4	40.8	6.1	6.3	6.3	29.4	30.2	30.8	21.7	22.7	21.6	5
54.3	54.9	55.2	182.9	184.3	186.5	40.8	42.1	42.9	124.0	127.1	127.8	188.4	195.5	191.0	6
18.1	18.5	18.7	65.0	66.9	67.0	17.3	17.6	17.8	41.6	42.1	42.4	72.8	75.1	73.6	7
16.0	16.0	16.1	43.5	44.0	44.3	10.3	10.5	10.7	35.3	35.5	36.0	19.5	19.9	18.9	8
51.2	52.9	53.5	179.5	189.8	192.9	39.9	42.4	43.3	129.6	133.1	136.5	164.4	162.4	163.9	9
4.8	4.6	4.7	16.9	17.9	18.1	3.3	3.4	3.4	11.8	12.3	12.4	18.1	18.2	18.7	10
30.9	31.3	31.7	99.9	107.1	107.9	27.0	28.7	29.0	76.9	78.2	80.3	67.7	66.4	66.2	11
2.2	2.3	2.3	12.5	12.9	13.0	3.2	3.5	3.5	8.9	9.2	9.0	20.4	20.5	20.6	12
265.6	264.2	265.2	865.9	879.8	884.8	204.1	207.2	209.3	726.7	728.9	737.5	654.7	666.0	662.4	13
12.3	12.3	12.5	39.7	42.3	42.3	6.9	7.3	7.4	32.2	33.6	34.3	22.5	22.6	23.1	14
6.8	7.1	7.1	9.2	9.0	9.0	1.4	1.4	1.4	7.7	7.7	7.8	6.7	6.8	6.8	15
89.4	82.8	83.3	313.8	320.2	318.6	98.0	98.8	100.1	291.7	295.1	294.5	227.2	230.8	231.9	16
5.9	5.8	5.9	18.7	19.2	19.3	3.7	4.0	4.0	15.5	16.6	16.8	11.6	13.2	12.4	17
13.8	13.9	13.9	37.5	39.0	39.2	9.6	10.0	10.1	31.1	32.2	33.0	48.5	50.5	50.0	18
5.4	5.6	5.5	14.5	14.9	15.2	2.4	2.5	2.6	12.7	12.5	12.7	13.0	13.2	13.3	19
6.0	6.2	6.2	26.8	28.2	28.0	3.3	3.8	4.0	20.7	21.3	21.4	11.7	12.3	11.6	20
104.4	97.6	97.9	384.2	394.7	391.8	109.7	111.1	112.6	336.9	341.9	341.6	276.5	281.3	283.2	21
63.5	59.9	60.0	173.5	175.0	173.4	71.6	70.4	71.0	167.8	169.6	168.8	154.7	154.4	154.9	22
58.2	58.6	58.6	182.3	183.2	185.2	38.8	38.8	39.1	163.9	163.0	164.3	115.4	117.5	117.6	23
6.0	6.1	6.1	23.0	23.8	23.9	5.3	5.4	5.3	19.0	19.1	19.8	14.7	16.7	16.5	24
5.0	4.8	4.7	18.0	18.3	18.2	3.0	3.0	3.0	16.4	16.5	16.4	10.6	10.4	10.4	25
6.9	6.7	6.8	22.7	21.5	21.7	4.6	4.9	5.1	16.9	17.0	16.9	17.7	17.9	18.1	26
2.1	2.1	2.1	8.0	8.3	8.4	1.8	2.0	2.0	6.7	6.8	6.8	5.2	5.4	5.4	27
6.2	6.3	6.4	26.4	27.5	27.5	3.1	3.0	3.1	17.8	18.4	18.7	14.6	15.1	15.1	28
15.6	15.5	15.6	76.5	78.1	78.2	16.4	17.0	17.1	61.3	61.0	61.7	54.1	54.6	54.5	29
15.5	15.5	15.6	78.2	80.0	80.2	16.4	17.1	17.2	60.7	59.8	60.5	51.0	51.5	51.4	30
41.0	43.1	43.9	160.2	170.0	171.5	34.2	35.7	36.5	102.9	109.6	111.3	162.1	170.6	165.2	31
5.8	5.8	6.0	18.9	18.6	18.8	3.8	3.9	3.9	11.9	12.3	12.1	32.0	32.6	32.7	32
7.8	7.7	7.7	25.9	26.4	26.4	8.0	8.1	8.2	18.0	19.2	18.6	38.5	38.6	37.9	33
6.0	6.5	6.5	24.6	25.5	25.6	5.0	5.2	5.3	16.5	17.2	17.3	14.3	14.2	14.1	34
11.3	11.6	11.5	48.5	50.9	51.8	7.8	8.0	8.0	37.4	38.5	39.7	59.7	59.6	59.8	35
1.7	1.6	1.6	5.5	6.2	6.5	.7	.7	.7	4.2	4.5	4.8	5.2	5.2	5.1	36
3.7	3.9	3.7	11.2	11.3	11.5	2.0	2.1	2.1	8.3	8.9	8.9	5.6	5.4	5.6	37
70.7	71.4	71.9	299.4	311.4	313.9	63.0	65.4	66.1	211.5	219.6	220.6	236.7	252.5	252.2	38
6.3	6.6	6.7	25.6	26.0	26.1	7.7	8.1	8.1	17.5	17.6	17.7	20.5	20.4	19.6	39
7.6	7.4	7.5	33.7	35.3	35.5	6.1	5.8	5.8	21.8	21.9	22.1	33.2	31.1	32.8	40
20.6	21.2	21.6	80.7	80.9	81.0	17.2	18.5	18.8	53.0	55.9	56.0	55.5	59.2	60.1	41
14.1	14.1	14.0	49.0	49.8	49.9	16.9	17.1	17.2	39.4	40.3	40.2	36.9	37.8	37.5	42
265.8	266.7	270.5	949.2	988.9	994.9	220.4	231.2	235.8	650.7	674.7	681.5	697.6	734.1	715.2	43
5.1	5.0	5.1	15.0	14.7	14.8	2.5	2.7	2.7	10.7	10.3	10.5	8.7	10.1	9.6	44
4.1	4.8	4.8	26.4	28.3	28.1	7.7	8.8	8.8	19.9	20.2	19.8	53.2	56.6	54.8	45
8.5	8.8	8.7	21.5	21.1	21.2	3.9	3.9	4.0	15.8	15.4	15.5	14.1	15.7	14.5	46
6.2	6.2	6.2	23.2	23.2	23.3	4.1	4.1	4.1	13.6	13.8	13.9	20.8	20.0	20.3	47
53.3	55.1	55.7	184.5	187.7	189.4	60.7	61.7	62.7	114.5	117.2	117.8	79.1	86.6	86.3	48
9.2	9.1	9.1	27.9	29.2	29.3	5.1	5.4	5.5	16.1	16.2	16.4	23.3	24.3	23.7	49
14.8	14.2	14.3	66.3	69.3	69.2	13.4	13.7	13.9	46.0	47.5	47.7	37.6	37.6	38.6	50
5.4	7.3	7.3	9.9	9.9	10.2	3.1	3.1	3.1	8.1	7.7	8.0	14.9	15.4	15.1	51
66.1	67.7	68.0	198.0	203.3	204.7	50.4	53.6	54.5	157.4	164.1	166.5	95.3	100.3	94.1	52
4.1	4.7	4.7	17.9	20.4	20.4	3.3	3.2	3.2	10.7	11.1	10.9	13.4	15.1	13.4	53
11.7	11.8	12.1	67.9	69.3	69.9	18.3	19.6	19.7	47.2	46.6	46.6	80.6	83.3	83.0	54
2.6	2.7	2.8	12.3	12.5	12.5	2.9	2.9	2.9	10.4	11.1	10.7	8.8	9.3	9.4	55
2.3	2.3	2.4	9.9	10.1	10.3	1.7	1.7	1.7	5.9	6.0	6.1	9.4	10.2	9.4	56
24.6	25.0	25.5	91.5	97.8	99.3	17.5	18.4	18.9	64.8	68.0	70.1	103.5	108.6	104.8	57
16.2	16.4	16.6	56.8	60.2	60.9	12.9	13.5	13.6	36.9	39.1	40.2	38.5	41.8	40.9	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B.7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
1	VERMONT	153.9	156.6	160.5	.9	.9	.9	10.7	9.8	10.7	39.1	40.5	41.6
2	Burlington ¹²	38.8	40.2	40.4	-	-	-	-	-	-	8.8	8.7	8.9
3	Springfield ¹²	12.4	13.1	13.6	-	-	-	-	-	-	5.3	6.1	6.1
4	VIRGINIA ³	1,586.5	1,617.5	1,647.4	16.3	15.6	15.8	111.0	111.5	118.2	383.7	390.3	396.0
5	Lynchburg	53.8	56.4	57.3	(¹)	(¹)	(¹)	3.2	3.0	3.3	23.8	25.0	25.4
6	Newport News-Hampton	110.4	111.9	112.0	(¹)	(¹)	(¹)	6.0	6.1	6.3	33.3	34.7	34.4
7	Norfolk-Virginia Beach-Portsmouth	214.3	213.8	218.3	(¹)	(¹)	(¹)	17.0	16.6	17.7	20.1	19.9	20.1
8	Northern Virginia ¹³	307.7	310.6	316.0	.4	.4	.4	27.4	27.8	29.1	10.3	10.8	11.1
9	Richmond	251.5	259.4	262.4	.2	.2	.2	16.0	17.2	18.6	50.8	51.7	52.0
10	Roanoke	86.7	86.8	87.8	.1	.1	.1	5.5	5.2	5.5	20.3	20.4	20.7
11	WASHINGTON	1,118.9	1,144.8	1,160.2	1.8	2.0	2.0	56.5	54.0	57.2	225.0	236.3	240.2
12	Seattle-Everett	509.4	526.8	534.6	(¹)	(¹)	(¹)	21.3	22.4	24.0	106.2	116.3	118.0
13	Spokane	97.1	96.5	97.5	(¹)	(¹)	(¹)	6.1	5.8	6.2	13.2	13.8	14.1
14	Tacoma	107.9	110.2	110.8	(¹)	(¹)	(¹)	5.0	5.3	5.6	20.3	20.4	20.4
15	WEST VIRGINIA	544.2	541.2	550.1	54.1	49.2	50.4	38.4	34.5	34.7	123.2	125.5	126.9
16	Charleston	83.4	84.1	84.8	4.3	4.3	4.3	4.5	4.3	4.3	15.3	15.1	15.2
17	Huntington-Ashland	80.4	82.4	83.3	.7	.7	.6	3.3	3.6	3.7	25.9	26.8	27.2
18	Wheeling	58.9	59.1	60.0	5.7	5.7	5.6	2.2	1.9	1.9	14.7	14.9	15.2
19	WISCONSIN	1,599.6	1,620.8	1,643.1	3.0	2.5	2.7	68.3	64.1	68.2	496.0	511.4	521.9
20	Appleton-Oshkosh	100.8	104.6	105.3	(¹)	(¹)	(¹)	4.4	4.1	4.6	38.9	41.5	42.5
21	Green Bay	59.6	60.6	61.4	(¹)	(¹)	(¹)	3.2	2.9	3.1	17.2	17.7	18.1
22	Kenosha	36.9	40.5	40.8	(¹)	(¹)	(¹)	1.4	1.2	1.3	15.5	18.3	18.6
23	La Crosse	31.2	31.8	31.9	(¹)	(¹)	(¹)	1.3	1.3	1.4	8.6	8.4	8.7
24	Madison	126.2	129.9	130.5	(¹)	(¹)	(¹)	7.0	6.2	6.9	16.0	16.0	16.6
25	Milwaukee	580.8	585.5	590.2	(¹)	(¹)	(¹)	22.0	22.9	23.6	195.7	201.0	203.3
26	Racine	57.5	59.3	60.4	(¹)	(¹)	(¹)	1.7	1.7	1.8	25.3	26.7	27.2
27	WYOMING	125.9	124.0	132.5	12.2	11.4	12.4	11.4	11.9	13.2	7.6	7.2	7.5
28	Casper	20.6	20.8	21.1	3.0	2.8	2.9	1.4	1.4	1.4	1.7	1.8	1.7
29	Cheyenne	20.2	21.1	21.8	(¹)	(¹)	(¹)	1.2	1.1	1.3	1.1	1.1	1.2

¹ Combined with services.
² Combined with construction.
³ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.
⁴ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
⁵ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
⁶ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁷ Subarea of Rochester Standard Metropolitan Statistical Area.
⁸ Area included in New York and Nassau-Suffolk combined SMSA's.
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.
^ppreliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	
8.2	8.3	8.5	31.3	32.2	32.7	6.3	6.6	6.7	29.7	29.5	30.9	27.9	28.9	28.7	1
2.1	2.1	2.2	8.3	8.8	8.7	-	-	-	7.7	8.0	8.1	-	-	-	2
.8	.8	.9	1.9	1.8	2.0	-	-	-	1.9	1.9	2.0	-	-	-	3
101.7	102.2	103.9	323.5	334.5	338.0	77.0	79.0	83.3	242.4	247.4	251.5	330.9	337.0	340.7	4
2.5	2.6	2.7	8.8	9.5	9.7	2.3	2.4	2.5	6.7	7.5	7.2	6.5	6.4	6.5	5
3.7	3.7	3.6	18.1	19.4	19.6	3.3	3.5	3.5	14.1	14.2	14.3	31.9	30.3	30.3	6
16.1	16.0	16.1	50.8	52.4	53.2	10.3	10.5	10.7	36.4	34.9	37.0	63.6	63.5	63.5	7
23.5	23.0	23.8	69.9	71.5	72.4	19.5	20.3	20.9	57.9	58.7	59.8	98.8	98.1	98.5	8
18.3	18.8	18.6	54.8	58.0	58.4	20.1	20.6	20.8	37.5	38.9	39.1	53.8	54.0	54.7	9
10.5	10.5	10.6	19.0	19.2	19.4	4.6	4.8	4.9	14.3	14.9	14.7	12.4	11.7	11.9	10
72.1	72.2	73.4	247.7	257.2	261.8	62.4	64.2	65.0	186.3	196.0	198.0	267.1	262.9	262.6	11
39.2	39.3	39.7	115.9	118.3	119.9	36.3	37.6	38.1	86.6	90.1	91.5	103.9	102.8	103.4	12
7.5	7.4	7.7	25.3	24.6	24.8	5.8	5.9	6.0	20.2	20.8	20.4	19.0	18.2	18.3	13
5.8	5.8	5.6	23.5	23.7	24.0	5.8	5.9	6.0	19.2	20.6	20.6	28.3	28.5	28.6	14
40.8	40.9	41.1	102.2	103.7	104.0	16.7	17.0	17.0	71.8	71.6	70.9	97.1	98.8	105.1	15
8.4	8.5	8.5	19.0	19.4	19.4	3.9	4.0	4.0	13.2	13.6	13.6	14.8	14.9	15.5	16
7.0	6.9	7.0	17.0	17.1	17.1	2.9	3.0	3.0	11.1	11.2	11.2	12.6	13.2	13.4	17
3.8	3.8	3.8	13.0	13.3	13.3	2.3	2.4	2.4	10.4	10.3	10.3	6.9	6.9	7.5	18
82.8	84.3	84.7	349.5	357.7	359.8	64.9	66.3	67.4	254.7	255.4	259.2	280.3	279.2	279.2	19
4.4	4.4	4.4	20.5	21.0	20.6	3.7	3.8	3.8	15.0	15.4	15.4	14.0	14.4	14.0	20
5.1	4.9	5.1	14.7	15.1	15.3	1.6	1.7	1.7	9.6	10.0	9.8	8.2	8.3	8.3	21
1.4	1.3	1.4	6.8	7.1	7.1	.7	.7	.7	5.9	6.4	6.3	5.2	5.5	5.5	22
2.3	2.2	2.2	7.3	8.0	7.7	.7	.7	.7	6.3	6.4	6.6	4.8	4.8	4.7	23
5.1	5.2	5.3	26.6	27.3	27.1	7.0	7.4	7.6	19.7	20.6	20.6	44.8	47.2	46.4	24
30.8	31.5	31.5	125.2	126.7	127.4	29.6	29.5	29.9	98.6	97.5	97.6	78.8	76.4	76.7	25
1.9	2.0	2.0	10.3	10.6	10.7	1.5	1.5	1.6	8.7	8.8	8.9	8.0	8.0	8.2	26
10.9	11.3	11.8	27.3	26.7	28.9	3.7	3.7	3.7	20.0	19.0	22.2	32.8	32.8	32.8	27
1.7	1.7	1.7	5.0	5.4	5.5	.8	.8	.8	3.0	2.8	2.9	4.0	4.1	4.2	28
2.6	2.6	2.6	4.5	5.1	5.1	.9	1.0	1.0	3.6	3.8	4.0	6.3	6.4	6.6	29

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

C-1: Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, 1950 to date

Year and month	Average												Hourly earnings excl. overtime
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	
	Total private ¹			Mining			Contract construction			Manufacturing			
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	³ 1.89
1957	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05	1.99
1958	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11	2.05
1959 ²	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19	2.12
1960	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26	2.20
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.44
1965	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.51
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83	2.72
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19	3.06
1970	119.46	37.1	3.22	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:													
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...	137.98	36.6	3.77	189.98	41.3	4.60	223.42	34.8	6.42	159.20	40.0	3.98	3.81
Feb...	139.10	36.8	3.78	188.37	41.4	4.55	220.22	34.9	6.31	161.18	40.6	3.97	3.80
Mar...	140.22	36.9	3.80	188.37	41.4	4.55	229.85	36.6	6.28	162.38	40.8	3.98	3.81
Apr...	141.33	36.9	3.83	191.82	41.7	4.60	232.21	36.8	6.31	163.21	40.7	4.01	3.83
May...	142.45	37.0	3.85	195.46	42.4	4.61	237.75	37.5	6.34	163.61	40.7	4.02	3.85
June...	145.13	37.5	3.87	200.45	43.2	4.64	241.94	38.1	6.35	165.24	40.9	4.04	3.85
July...	146.65	37.7	3.89	202.10	43.0	4.70	244.35	38.3	6.38	164.84	40.7	4.05	3.88
	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
1950	-	-	-	\$44.55	40.5	\$1.100	\$50.52	37.7	\$1.340	-	-	-	-
1951	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-	-
1952	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-	-
1953	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-	-
1954	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-	-
1955	-	-	-	55.16	39.4	1.40	63.92	37.6	1.70	-	-	-	-
1956	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-	-
1957	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-	-
1958	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-	-
1959 ²	-	-	-	64.41	38.8	1.66	72.74	37.3	1.95	-	-	-	-
1960	-	-	-	66.01	38.6	1.71	75.14	37.2	2.02	-	-	-	-
1961	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-	-
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-	-
1963	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-	-
1964	\$118.37	41.1	\$2.88	74.28	37.9	1.96	85.79	37.3	2.30	\$69.84	36.0	\$1.94	-
1965	125.14	41.3	3.03	76.53	37.7	2.03	88.91	37.2	2.39	73.60	35.9	2.05	-
1966	128.13	41.2	3.11	79.02	37.1	2.13	92.13	37.3	2.47	77.04	35.5	2.17	-
1967	131.22	40.5	3.24	81.76	36.5	2.24	95.46	37.0	2.58	80.38	35.1	2.29	-
1968	138.85	40.6	3.42	86.40	36.0	2.40	101.75	37.0	2.75	84.32	34.7	2.43	-
1969	148.15	40.7	3.64	91.14	35.6	2.56	108.70	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:													
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...	195.77	40.2	4.87	107.30	34.5	3.11	130.98	37.0	3.54	110.85	33.9	3.27	-
Feb...	197.47	40.3	4.90	107.99	34.5	3.13	132.08	37.1	3.56	111.19	33.9	3.28	-
Mar...	196.58	40.2	4.89	108.33	34.5	3.14	131.35	37.0	3.55	111.87	33.9	3.30	-
Apr...	199.39	40.2	4.96	108.70	34.4	3.16	133.55	37.2	3.59	112.88	34.0	3.32	-
May...	201.87	40.7	4.96	109.37	34.5	3.17	131.73	36.9	3.57	112.55	33.9	3.32	-
June...	205.18	41.2	4.98	111.94	35.2	3.18	132.09	37.0	3.57	114.55	34.4	3.33	-
July...	206.41	41.2	5.01	114.20	35.8	3.19	134.65	37.3	3.61	116.90	35.0	3.34	-

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

² Data include Alaska and Hawaii 1969.

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

p=preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1972	July 1972	May 1973	June _P 1973	July _P 1973	June 1972	July 1972	May 1973	June _P 1973	July _P 1973
	TOTAL PRIVATE	\$135.76	\$136.86	\$142.45	\$145.13	\$146.65	\$3.63	\$3.64	\$3.85	\$3.87	\$3.89
	MINING	186.62	184.44	195.46	200.45	202.10	4.34	4.35	4.61	4.64	4.70
10	METAL MINING.....	184.36	184.99	197.07	197.63	-	4.40	4.49	4.67	4.65	-
101	Iron ores.....	184.50	192.01	191.72	195.75	-	4.50	4.55	4.49	4.50	-
102	Copper ores.....	189.81	189.14	202.92	200.34	-	4.53	4.67	4.82	4.77	-
11,12	COAL MINING.....	215.06	200.85	223.28	232.93	-	5.22	(*)	5.61	5.64	-
12	Bituminous coal and lignite mining.....	217.65	202.26	224.31	234.02	-	5.27	(*)	5.65	5.68	-
13	OIL AND GAS EXTRACTION.....	170.64	173.60	177.65	180.61	-	3.95	4.00	4.18	4.21	-
131,2	Crude petroleum and natural gas fields.....	181.60	185.89	186.53	188.20	-	4.44	4.49	4.64	4.67	-
138	Oil and gas field services.....	163.07	164.86	171.65	175.38	-	3.64	3.68	3.91	3.95	-
14	NONMETALLIC MINERALS, EXCEPT FUELS.....	180.91	183.08	193.20	198.94	-	3.95	3.98	4.20	4.26	-
142	Crushed and broken stone.....	183.85	186.44	196.65	205.80	-	3.92	3.95	4.14	4.20	-
	CONTRACT CONSTRUCTION	223.34	225.88	237.75	241.94	244.35	5.94	5.96	6.34	6.35	6.38
15	GENERAL BUILDING CONTRACTORS.....	206.18	208.57	222.65	222.77	-	5.68	5.73	6.10	6.07	-
16	HEAVY CONSTRUCTION CONTRACTORS.....	220.83	227.64	224.56	236.55	-	5.36	5.42	5.60	5.70	-
161	Highway and street construction.....	215.97	226.46	219.47	236.81	-	5.13	5.23	5.34	5.52	-
162	Heavy construction, n.e.c.....	226.24	228.17	229.91	237.37	-	5.60	5.62	5.85	5.89	-
17	SPECIAL TRADE CONTRACTORS.....	234.61	235.52	251.71	256.56	-	6.41	6.40	6.84	6.86	-
171	Plumbing, heating, air conditioning.....	247.97	245.97	257.94	261.89	-	6.56	6.49	6.86	6.91	-
172	Painting, paper hanging, decorating.....	199.30	203.70	220.81	220.10	-	5.76	5.82	6.22	6.20	-
173	Electrical work.....	268.42	268.66	287.23	288.32	-	6.99	7.07	7.48	7.45	-
174	Masonry, stonework, and plastering.....	213.47	215.80	229.16	238.35	-	6.26	6.31	6.74	6.81	-
176	Roofing and sheetmetal work.....	184.68	193.46	202.27	209.75	-	5.70	5.69	6.02	6.01	-
	MANUFACTURING	155.01	152.71	163.61	165.24	164.84	3.79	3.78	4.02	4.04	4.05
19,24,25,32-39	DURABLE GOODS.....	167.65	164.01	178.05	179.31	177.59	4.03	4.01	4.28	4.30	4.30
20-23,26-31	NONDURABLE GOODS.....	137.66	138.16	143.78	145.27	146.83	3.45	3.48	3.64	3.65	3.68
	Durable Goods.....										
19	ORDNANCE AND ACCESSORIES.....	172.60	171.38	177.24	176.82	177.66	4.09	4.10	4.23	4.22	4.23
192	Ammunition, except for small arms.....	169.24	170.08	174.72	174.29	175.12	4.02	4.04	4.16	4.14	4.14
1925	Complete guided missiles.....	197.10	199.35	199.27	198.89	-	4.50	4.50	4.56	4.51	-
1929	Ammunition, exc. for small arms, nec.....	144.94	144.32	151.88	151.15	-	3.57	3.59	3.75	3.76	-
24	LUMBER AND WOOD PRODUCTS.....	139.19	136.94	145.14	149.45	146.06	3.33	3.34	3.54	3.61	3.58
242	Sawmills and planing mills.....	134.50	132.11	140.63	147.20	(*)	3.21	3.23	3.43	3.53	(*)
2421	Sawmills and planing mills, general.....	139.02	136.61	145.44	152.94	-	3.31	3.34	3.53	3.65	-
243	Millwork, plywood & related products.....	146.51	145.18	150.88	152.93	149.51	3.48	3.49	3.68	3.73	3.71
2431	Millwork.....	137.83	137.42	144.04	145.60	-	3.42	3.41	3.61	3.64	-
2432	Veneer and plywood.....	151.38	148.40	155.72	158.34	-	3.48	3.50	3.69	3.77	-
244	Wooden containers.....	106.67	104.02	113.03	113.88	(*)	2.66	2.64	2.84	2.84	(*)
2441,2	Wooden boxes, shooks, and crates.....	103.57	101.77	105.92	108.00	-	2.57	2.57	2.70	2.70	-
249	Miscellaneous wood products.....	120.41	117.55	126.68	127.80	126.48	2.86	2.86	3.05	3.05	3.07
25	FURNITURE AND FIXTURES.....	125.05	121.60	128.95	131.30	130.07	3.05	3.04	3.24	3.25	3.26
251	Household furniture.....	117.79	114.51	122.19	123.72	(*)	2.88	2.87	3.07	3.07	(*)
2511	Wood household furniture.....	112.05	109.62	115.78	117.62	-	2.70	2.70	2.88	2.89	-
2512	Upholstered household furniture.....	124.43	118.17	129.36	131.34	-	3.08	3.03	3.30	3.30	-
2515	Mattresses and bedsprings.....	125.05	124.80	134.06	134.35	-	3.19	3.20	3.42	3.41	-
252	Office furniture.....	151.44	142.55	151.89	155.03	-	3.53	3.46	3.66	3.70	-
254	Partitions and fixtures.....	154.13	151.55	155.24	157.58	-	3.75	3.77	3.93	3.92	-
253,9	Other furniture and fixtures.....	134.94	133.33	139.48	146.01	(*)	3.34	3.35	3.54	3.57	(*)
32	STONE, CLAY, AND GLASS PRODUCTS.....	165.78	165.45	175.54	176.80	178.49	3.91	3.93	4.14	4.16	4.18
321	Flat glass.....	198.08	200.93	226.52	233.63	-	4.75	4.83	5.16	5.25	-
322	Glass and glassware, pressed or blown.....	161.95	162.00	171.70	171.28	(*)	3.95	4.00	4.25	4.25	(*)
3221	Glass containers.....	171.81	171.80	179.49	177.76	-	4.14	4.17	4.41	4.40	-
3229	Pressed and blown glass, n.e.c.....	148.37	148.50	161.20	162.41	-	3.70	3.75	4.04	4.05	-
324	Cement, hydraulic.....	221.75	218.40	228.54	234.42	236.81	5.23	5.20	5.39	5.49	5.52
325	Structural clay products.....	130.92	131.33	140.61	141.28	141.02	3.17	3.18	3.38	3.38	3.39
3251	Brick and structural clay tile.....	125.76	125.88	134.92	134.50	-	2.98	2.99	3.22	3.21	-
326	Pottery and related products.....	137.36	135.66	143.96	(*)	-	3.40	3.40	3.59	(*)	-
327	Concrete, gypsum, and plaster products.....	178.89	180.59	187.35	190.77	(*)	4.02	4.04	4.21	4.23	(*)
328,9	Other stone and nonmetallic mineral products.....	162.12	161.46	173.40	175.11	(*)	3.86	3.90	4.08	4.13	(*)
3291	Abrasive products.....	158.80	159.59	173.04	174.64	-	3.98	4.03	4.20	4.27	-

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				
		June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p	June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p
-	TOTAL PRIVATE	37.4	37.6	37.0	37.5	37.7	-	-	-	-	-
-	MINING	43.0	42.4	42.4	43.2	43.0	-	-	-	-	-
10	METAL MINING	41.9	41.2	42.2	42.5	-	-	-	-	-	-
101	Iron ores	41.0	42.2	42.7	43.5	-	-	-	-	-	-
102	Copper ores	41.9	40.5	42.1	42.0	-	-	-	-	-	-
11,12	COAL MINING	41.2	(*)	39.8	41.3	-	-	-	-	-	-
12	Bituminous coal and lignite mining	41.3	(*)	39.7	41.2	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	43.2	43.4	42.5	42.9	-	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	40.9	41.4	40.2	40.3	-	-	-	-	-	-
138	Oil and gas field services	44.8	44.8	43.9	44.4	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	45.8	46.0	46.0	46.7	-	-	-	-	-	-
142	Crushed and broken stone	46.9	47.2	47.5	49.0	-	-	-	-	-	-
-	CONTRACT CONSTRUCTION	37.6	37.9	37.5	38.1	38.3	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.3	36.4	36.5	36.7	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	41.2	42.0	40.1	41.5	-	-	-	-	-	-
161	Highway and street construction	42.1	43.3	41.1	42.9	-	-	-	-	-	-
162	Heavy construction, n e c	40.4	40.6	39.3	40.3	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.6	36.8	36.8	37.4	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	37.8	37.9	37.6	37.9	-	-	-	-	-	-
172	Painting, paper hanging, decorating	34.6	35.0	35.5	35.5	-	-	-	-	-	-
173	Electrical work	38.4	38.0	38.4	38.7	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.1	34.2	34.0	35.0	-	-	-	-	-	-
176	Roofing and sheet metal work	32.4	34.0	33.6	34.9	-	-	-	-	-	-
-	MANUFACTURING	40.9	40.4	40.7	40.9	40.7	3.5	3.3	3.8	3.9	3.7
19,24,25,32-39	DURABLE GOODS	41.6	40.9	41.6	41.7	41.3	3.6	3.4	4.1	4.2	4.0
20-23,26-31	NONDURABLE GOODS	39.9	39.7	39.5	39.8	39.9	3.4	3.3	3.3	3.4	3.4
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	42.2	41.8	41.9	41.9	42.0	3.3	3.1	3.0	2.7	-
192	Ammunition, except for small arms	42.1	42.1	42.0	42.1	42.3	2.9	3.0	2.9	2.6	-
1925	Complete guided missiles	43.8	44.3	43.7	44.1	-	-	-	-	-	-
1929	Ammunition, e x c . for small arms, nec	40.6	40.2	40.5	40.2	-	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	41.8	41.0	41.0	41.4	40.8	4.4	4.3	4.2	4.5	-
242	Sawmills and planing mills	41.9	40.9	41.0	41.7	(*)	4.8	4.7	4.4	4.8	-
2421	Sawmills and planing mills, general	42.0	40.9	41.2	41.9	-	-	-	-	-	-
243	Millwork, plywood & related products	42.1	41.6	41.0	41.0	40.3	4.4	4.3	3.9	4.1	-
2431	Millwork	40.3	40.3	39.9	40.0	-	-	-	-	-	-
2432	Veneer and plywood	43.5	42.4	42.2	42.0	-	-	-	-	-	-
244	Wooden containers	40.1	39.4	39.8	40.1	(*)	3.7	3.5	3.4	3.5	-
2441,2	Wooden boxes, shooks, and crates	40.3	39.6	39.6	40.0	-	-	-	-	-	-
249	Miscellaneous wood products	42.1	41.1	41.4	41.9	41.2	4.3	3.9	4.0	4.4	-
25	FURNITURE AND FIXTURES	41.0	40.0	39.8	40.4	39.9	3.4	3.1	3.0	3.4	-
251	Household furniture	40.9	39.9	39.8	40.3	(*)	3.3	2.9	3.0	3.2	-
2511	Wood household furniture	41.5	40.6	40.2	40.7	-	3.8	3.2	3.4	3.5	-
2512	Upholstered household furniture	40.4	39.0	39.2	39.8	-	-	-	-	-	-
2515	Mattresses and bedsprings	39.2	39.0	39.2	39.4	-	-	-	-	-	-
252	Office furniture	42.9	41.2	41.5	41.9	-	4.6	4.0	3.7	4.5	-
254	Partitions and fixtures	41.1	40.2	39.5	40.2	-	3.3	3.8	2.9	3.7	-
253,9	Other furniture and fixtures	40.4	39.8	39.4	40.9	(*)	3.0	2.8	2.4	3.6	-
32	STONE, CLAY, AND GLASS PRODUCTS	42.4	42.1	42.4	42.5	42.7	4.8	5.0	5.1	5.3	-
321	Flat glass	41.7	41.6	43.9	44.5	-	3.8	4.1	5.9	6.0	-
322	Glass and glassware, pressed or blown	40.9	40.5	40.4	40.3	(*)	4.1	4.8	4.1	4.2	-
3221	Glass containers	41.5	41.2	40.7	40.4	-	-	-	-	-	-
3229	Pressed and blown glass, n e c	40.1	39.6	39.9	40.1	-	3.2	4.3	3.3	3.6	-
324	Cement, hydraulic	42.4	42.0	42.4	42.7	42.9	3.5	3.2	3.4	3.7	-
325	Structural clay products	41.3	41.3	41.6	41.8	41.6	4.2	4.4	4.4	4.6	-
3251	Brick and structural clay tile	42.2	42.1	41.9	41.9	-	-	-	-	-	-
326	Pottery and related products	40.4	39.9	40.1	(*)	-	2.5	2.4	2.9	(*)	-
327	Concrete, gypsum and plaster products	44.5	44.7	44.5	45.1	(*)	7.1	7.2	7.3	7.6	-
328,9	Other stone and nonmetallic mineral products	42.0	41.4	42.5	42.4	(*)	4.1	3.9	4.7	4.8	-
3291	Abrasives products	39.9	39.6	41.2	40.9	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	\$193.12	\$192.10	\$208.40	\$209.81	\$214.86	\$4.62	\$4.64	\$4.95	\$4.96	\$5.02
331	Blast furnace and basic steel products	205.26	207.92	219.72	222.38	(*)	4.97	5.01	5.32	5.32	(*)
3312	Blast furnaces and steel mills	207.87	211.04	222.50	224.93	-	5.07	5.11	5.44	5.42	-
332	Iron and steel foundries	183.16	176.32	200.26	203.47	(*)	4.33	4.29	4.69	4.71	(*)
3321	Gray iron foundries	184.88	177.16	206.50	211.16	-	4.34	4.30	4.78	4.81	-
3322	Malleable iron foundries	194.62	191.40	206.98	204.67	-	4.59	4.59	4.87	4.85	-
3323	Steel foundries	171.81	166.87	181.40	183.54	-	4.15	4.11	4.35	4.37	-
333,4	Nonferrous metals	184.76	187.26	197.87	203.52	-	4.42	4.48	4.70	4.80	(*)
3334	Primary aluminum	205.59	209.30	217.78	228.77	-	4.99	5.08	5.21	5.46	-
335	Nonferrous rolling and drawing	184.47	181.44	201.46	200.85	(*)	4.30	4.32	4.61	4.66	(*)
3351	Copper rolling and drawing	184.44	178.08	206.88	204.08	-	4.24	4.19	4.67	4.67	-
3352	Aluminum rolling and drawing	192.67	190.42	204.14	206.88	-	4.46	4.47	4.65	4.80	-
3357	Nonferrous wire drawing and insulating	179.77	176.80	199.23	197.40	-	4.22	4.25	4.58	4.58	-
336	Nonferrous foundries	158.71	157.57	172.23	169.74	168.06	3.89	3.91	4.15	4.13	4.16
3361	Aluminum castings	161.99	161.20	174.69	171.77	-	3.99	4.02	4.24	4.21	-
3362,9	Other nonferrous castings	155.01	153.12	168.87	167.66	-	3.79	3.79	4.04	4.04	-
339	Miscellaneous primary metal products	200.82	184.34	222.57	215.28	(*)	4.77	4.62	5.07	5.03	(*)
3391	Iron and steel forgings	210.59	190.21	240.20	229.62	-	5.05	4.84	5.41	5.34	-
34	FABRICATED METAL PRODUCTS	165.57	162.77	175.56	178.08	175.55	3.98	3.97	4.21	4.24	4.23
341	Metal cans	210.24	215.01	223.45	232.65	(*)	4.80	4.81	5.09	5.17	(*)
342	Cutlery, hand tools, and hardware	151.81	149.51	164.40	162.80	(*)	3.73	3.71	4.00	4.00	(*)
3421,3,5	Cutlery and hand tools, incl. saws	148.06	145.89	159.06	157.51	-	3.62	3.62	3.87	3.87	-
3429	Hardware, n e c	154.69	151.93	168.10	167.28	-	3.81	3.77	4.10	4.11	-
343	Plumbing and heating, except electric	149.37	144.18	156.78	155.19	(*)	3.67	3.65	3.90	3.87	(*)
3431,2	Sanitary ware & plumbers' brass goods	151.29	146.77	161.60	159.58	-	3.69	3.66	3.99	3.95	-
3433	Heating equipment, except electric	147.10	141.60	151.62	151.62	-	3.65	3.64	3.80	3.80	-
344	Fabricated structural metal products	161.13	159.18	170.96	173.47	(*)	3.93	3.94	4.18	4.19	(*)
3441	Fabricated structural steel	168.91	167.28	182.28	182.68	-	4.07	4.11	4.34	4.36	-
3442	Metal doors, sash, and trim	129.12	125.76	132.44	134.55	-	3.22	3.20	3.44	3.45	-
3443	Fabricated plate work (boiler shops)	168.09	166.44	177.96	181.81	-	4.13	4.13	4.33	4.36	-
3444	Sheet metal work	175.09	174.62	184.58	186.78	-	4.26	4.28	4.48	4.49	-
3446,9	Architectural and misc. metal work	156.46	154.91	169.30	172.10	-	3.77	3.76	4.06	4.04	-
345	Screw machine products, bolts, etc.	169.38	166.18	183.40	182.57	180.98	3.93	3.91	4.14	4.14	4.17
3451	Screw machine products	163.07	163.45	175.31	175.34	-	3.81	3.81	4.03	4.04	-
3452	Bolts, nuts, rivets, and washers	174.50	167.98	190.80	189.50	-	4.03	3.99	4.24	4.23	-
346	Metal stampings	187.88	182.68	199.88	207.10	(*)	4.40	4.36	4.67	4.75	(*)
347	Metal services, n e c	142.39	139.39	147.65	147.78	147.10	3.49	3.52	3.61	3.64	3.65
348	Misc. fabricated wire products	146.56	144.84	153.68	153.64	154.46	3.54	3.55	3.73	3.72	3.74
349	Misc. fabricated metal products	160.24	156.35	169.33	170.57	(*)	3.88	3.87	4.09	4.12	(*)
3494,6	Valves, pipe, and pipe fittings	163.10	159.55	172.64	173.05	-	3.93	3.93	4.15	4.17	-
35	MACHINERY, EXCEPT ELECTRICAL	179.77	176.38	191.70	191.70	187.26	4.26	4.24	4.50	4.50	4.48
351	Engines and turbines	200.10	190.48	212.07	212.90	(*)	4.81	4.75	5.11	5.13	(*)
3511	Steam engines and turbines	197.96	194.97	195.86	199.84	-	4.84	4.85	4.86	4.91	-
3519	Internal combustion engines, n e c	201.18	188.00	219.34	218.72	-	4.79	4.70	5.21	5.22	-
352	Farm machinery	180.98	175.85	187.17	190.61	-	4.34	4.31	4.51	4.56	-
353	Construction and related machinery	179.77	176.76	192.43	192.01	(*)	4.27	4.28	4.56	4.55	(*)
3531,2	Construction and mining machinery	188.24	184.23	201.77	199.44	-	4.45	4.45	4.77	4.76	-
3533	Oil field machinery	169.81	166.66	177.64	178.87	-	3.94	3.94	4.17	4.15	-
3535,6	Conveyors, hoists, cranes, monorails	175.56	178.90	183.50	189.16	-	4.19	4.28	4.39	4.43	-
3537	Industrial trucks and tractors	156.82	152.88	177.22	177.22	-	3.95	3.92	4.26	4.26	-
354	Metal working machinery	197.45	194.29	215.45	212.16	(*)	4.56	4.55	4.82	4.80	(*)
3541	Machine tools, metal cutting types	193.00	193.77	218.74	216.31	-	4.52	4.57	4.85	4.85	-
3544	Special dies, tools, jigs & fixtures	219.60	212.92	238.96	233.93	-	4.88	4.85	5.15	5.13	-
3545	Machine tool accessories	179.35	180.19	192.69	194.00	-	4.22	4.21	4.45	4.47	-
3542,8	Misc. metal working machinery	172.21	170.51	186.56	183.12	-	4.19	4.21	4.40	4.36	-
355	Special industry machinery	168.78	165.17	181.04	183.18	179.78	3.99	3.98	4.23	4.26	4.25
3551	Food products machinery	172.22	171.81	182.29	189.22	-	4.12	4.14	4.33	4.38	-
3552	Textile machinery	138.72	135.60	149.45	148.63	-	3.40	3.39	3.61	3.59	-
3555	Printing trades machinery	207.02	198.01	213.67	214.53	-	4.58	4.49	4.78	4.81	-
356	General industrial machinery	179.77	174.70	194.31	193.46	(*)	4.27	4.23	4.54	4.52	(*)
3561	Pumps and compressors	177.22	167.69	188.68	189.18	-	4.16	4.08	4.45	4.42	-
3562	Ball and roller bearings	190.92	185.17	209.76	208.80	-	4.44	4.43	4.80	4.80	-
3564	Blowers and fans	157.55	155.16	172.20	172.96	-	3.89	3.85	4.10	4.09	-
3566	Power transmission equipment	180.62	179.35	200.67	197.07	-	4.27	4.25	4.54	4.52	-
357	Office and computing machines	175.55	173.40	177.66	179.35	(*)	4.15	4.08	4.24	4.25	(*)
3573	Electronic computing equipment	181.85	182.21	182.33	184.46	-	4.19	4.16	4.28	4.26	-
358	Service industry machines	156.67	156.72	165.05	164.02	(*)	3.84	3.86	4.09	4.08	(*)
3585	Refrigeration machinery	158.28	158.69	167.28	164.42	-	3.87	3.88	4.11	4.09	-
359	Misc. machinery, except electrical	172.18	170.52	184.47	186.19	183.18	4.08	4.06	4.29	4.30	4.28

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1972	July 1972	May 1973	June p 1973	July 1973 ^p	June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.8	41.4	42.1	42.3	42.8	3.8	3.6	4.5	4.6	-
331	Blast furnace and basic steel products	41.3	41.5	41.3	41.8	(*)	2.8	3.1	3.2	3.5	-
3312	Blast furnaces and steel mills	41.0	41.3	40.9	41.5	-	2.5	2.8	2.9	3.2	-
332	Iron and steel foundries	42.3	41.1	42.7	43.2	(*)	4.8	4.2	5.8	6.3	-
3321	Gray iron foundries	42.6	41.2	43.2	43.9	-	5.2	4.8	6.4	7.0	-
3322	Malleable iron foundries	42.4	41.7	42.5	42.2	-	-	-	-	-	-
3323	Steel foundries	41.4	40.6	41.7	42.0	-	3.6	2.8	4.1	4.5	-
333,4	Nonferrous metals	41.8	41.8	42.1	42.4	(*)	3.7	3.9	4.3	4.7	-
3334	Primary aluminum	41.4	41.2	41.8	41.9	-	-	-	-	-	-
335	Nonferrous rolling and drawing	42.9	42.0	43.7	43.1	(*)	5.2	4.5	5.9	5.8	-
3351	Copper rolling and drawing	43.5	42.5	44.3	43.7	-	-	-	-	-	-
3352	Aluminum rolling and drawing	43.2	42.6	43.9	43.1	-	5.5	5.2	6.0	5.8	-
3357	Nonferrous wire drawing and insulating	42.6	41.6	43.5	43.1	-	4.8	4.0	5.9	6.0	-
336	Nonferrous foundries	40.8	40.3	41.5	41.1	40.4	3.4	3.3	4.3	4.1	-
3361	Aluminum castings	40.6	40.1	41.2	40.8	-	-	-	-	-	-
3362,9	Other nonferrous castings	40.9	40.4	41.8	41.5	-	-	-	-	-	-
339	Miscellaneous primary metal products	42.1	39.9	43.9	42.8	(*)	4.7	3.3	6.3	5.5	-
3391	Iron and steel forgings	41.7	39.3	44.4	43.0	-	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.6	41.0	41.7	42.0	41.5	3.7	3.5	4.2	4.4	-
341	Metal cans	43.8	44.7	43.9	45.0	(*)	5.3	5.4	4.4	5.9	-
342	Cutlery, hand tools, and hardware	40.7	40.3	41.1	40.7	(*)	3.0	2.8	3.8	3.5	-
3421,3,5	Cutlery and hand tools, incl. saws	40.9	40.3	41.1	40.7	-	-	-	-	-	-
3429	Hardware, n e c	40.6	40.3	41.0	40.7	-	-	-	-	-	-
343	Plumbing and heating, except electric	40.7	39.5	40.2	40.1	(*)	2.9	2.8	3.1	2.7	-
3431,2	Sanitary ware & plumbers' brass goods	41.0	40.1	40.5	40.4	-	-	-	-	-	-
3433	Heating equipment, except electric	40.3	38.9	39.9	39.9	-	-	-	-	-	-
344	Fabricated structural metal products	41.0	40.4	40.9	41.4	(*)	3.1	3.1	3.6	3.9	-
3441	Fabricated structural steel	41.5	40.7	42.0	41.9	-	3.3	3.7	4.1	4.2	-
3442	Metal doors, sash, and trim	40.1	39.3	38.5	39.0	-	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	40.7	40.3	41.1	41.7	-	2.5	2.3	3.5	3.8	-
3444	Sheet metal work	41.1	40.8	41.2	41.6	-	-	-	-	-	-
3446,9	Architectural and misc. metal work	41.5	41.2	41.7	42.6	-	-	-	-	-	-
345	Screw machine products, bolts, etc.	43.1	42.5	44.3	44.1	43.4	4.9	4.8	6.2	6.0	-
3451	Screw machine products	42.8	42.9	43.5	43.4	-	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	43.3	42.1	45.0	44.8	-	-	-	-	-	-
346	Metal stampings	42.7	41.9	42.8	43.6	(*)	4.5	4.2	5.2	5.9	-
347	Metal services, n e c	40.8	39.6	40.9	40.6	40.3	3.9	3.4	4.2	4.0	-
348	Misc. fabricated wire products	41.4	40.8	41.2	41.3	41.3	3.6	3.2	3.8	3.7	-
349	Misc. fabricated metal products	41.3	40.4	41.4	41.4	(*)	3.6	3.1	3.9	3.9	-
3494,8	Valves, pipe, and pipe fittings	41.5	40.6	41.6	41.5	-	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.2	41.6	42.6	42.6	41.8	3.9	3.6	4.6	4.7	-
351	Engines and turbines	41.6	40.1	41.5	41.5	(*)	4.1	3.3	4.5	5.0	-
3511	Steam engines and turbines	40.9	40.2	40.3	40.7	-	-	-	-	-	-
3519	Internal combustion engines, n e c	42.0	40.0	42.1	41.9	-	-	-	-	-	-
352	Farm machinery	41.7	40.8	41.5	41.8	-	4.5	3.0	4.0	4.3	-
353	Construction and related machinery	42.1	41.3	42.2	42.2	(*)	3.5	3.1	3.7	3.8	-
3531,2	Construction and mining machinery	42.3	41.4	42.3	41.9	-	3.3	2.8	3.4	3.2	-
3533	Oil field machinery	43.1	42.3	42.6	43.1	-	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	41.9	41.8	41.8	42.7	-	-	-	-	-	-
3537	Industrial trucks and tractors	39.7	39.0	41.6	41.6	-	-	-	-	-	-
354	Metal working machinery	43.3	42.7	44.7	44.2	(*)	4.8	4.5	6.7	6.2	-
3541	Machine tools, metal cutting types	42.7	42.4	45.1	44.6	-	4.0	3.6	6.4	6.4	-
3544	Special dies, tools, jigs, & fixtures	45.0	43.9	46.4	45.6	-	-	-	-	-	-
3545	Machine tool accessories	42.5	42.8	43.3	43.4	-	3.6	4.1	5.4	5.0	-
3542,8	Misc. metal working machinery	41.1	40.5	42.4	42.0	-	-	-	-	-	-
355	Special industry machinery	42.3	41.5	42.8	43.0	42.3	3.7	3.5	4.6	5.0	-
3551	Food products machinery	41.8	41.5	42.1	43.2	-	-	-	-	-	-
3552	Textile machinery	40.8	40.0	41.4	41.4	-	-	-	-	-	-
3555	Printing trades machinery	45.2	44.1	44.7	44.6	-	-	-	-	-	-
356	General industrial machinery	42.1	41.3	42.8	42.8	(*)	3.9	3.4	4.8	4.7	-
3561	Pumps and compressors	42.6	41.1	42.4	42.8	-	3.9	3.2	4.3	4.4	-
3562	Ball and roller bearings	43.0	41.8	43.7	43.5	-	4.7	3.9	5.6	5.8	-
3564	Blowers and fans	40.5	40.3	42.0	41.8	-	-	-	-	-	-
3566	Power transmission equipment	42.3	42.2	44.2	43.6	-	4.2	4.1	5.8	5.5	-
357	Office and computing machines	42.3	42.5	41.9	42.2	(*)	3.0	3.1	2.7	3.8	-
3573	Electronic computing equipment	43.4	43.8	42.6	43.3	-	-	-	-	-	-
358	Service industry machines	40.8	40.6	40.6	40.2	(*)	2.9	2.8	2.8	2.5	-
3585	Refrigeration machinery	40.9	40.9	40.7	40.2	-	3.0	3.1	2.9	2.4	-
359	Misc. machinery, except electrical	42.2	42.0	43.0	43.3	42.8	4.4	4.4	5.3	5.4	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

86

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

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$148.56	\$146.03	\$154.31	\$154.35	\$153.23	\$3.65	\$3.66	\$3.81	\$3.83	\$3.85
361	Electric test & distributing equipment ...	156.15	155.07	160.29	159.54	(*)	3.79	3.81	3.90	3.92	(*)
3611	Electric measuring instruments	140.42	137.42	141.80	138.90	-	3.40	3.41	3.51	3.49	-
3612	Transformers	155.86	154.77	162.27	159.51	-	3.82	3.85	3.91	3.90	-
3613	Switchgear and switchboard apparatus...	169.32	169.74	175.11	178.45	-	4.08	4.10	4.24	4.30	-
362	Electrical industrial apparatus	155.21	153.09	161.85	159.10	(*)	3.74	3.78	3.90	3.89	(*)
3621	Motors and generators	158.46	156.67	163.12	159.95	-	3.80	3.84	3.94	3.93	-
3622	Industrial controls	146.01	143.71	151.74	148.77	-	3.57	3.62	3.71	3.71	-
363	Household appliances	158.30	156.72	162.81	159.53	(*)	3.88	3.86	4.03	4.08	(*)
3632	Household refrigerators and freezers...	173.47	173.47	172.51	162.86	-	4.16	4.14	4.27	4.32	-
3633	Household laundry equipment	175.03	171.65	183.11	189.72	-	4.29	4.27	4.51	4.65	-
3634	Electric housewares and fans	125.45	119.74	130.41	131.93	-	3.16	3.11	3.31	3.34	-
364	Electric lighting and wiring equipment ...	139.20	137.41	147.86	147.20	(*)	3.48	3.47	3.66	3.68	(*)
3641	Electric lamps	142.76	142.48	154.84	151.98	-	3.56	3.58	3.74	3.79	-
3642	Lighting fixtures	138.65	137.24	148.83	148.93	-	3.51	3.51	3.73	3.78	-
3643,4	Wiring devices	138.57	135.66	143.87	143.87	-	3.43	3.40	3.57	3.57	-
365	Radio and TV receiving equipment	128.70	122.34	136.93	141.81	(*)	3.30	3.28	3.52	3.59	(*)
366	Communication equipment	165.24	161.59	173.79	175.03	172.80	4.04	4.06	4.27	4.29	4.32
3661	Telephone and telegraph apparatus	163.62	158.37	176.64	176.20	-	4.06	4.04	4.34	4.34	-
3662	Radio and TV communication equipment	166.84	164.02	171.33	174.66	-	4.03	4.07	4.22	4.26	-
367	Electronic components and accessories ..	124.53	121.75	127.60	128.00	(*)	3.09	3.09	3.19	3.20	(*)
3671-3	Electron tubes	145.48	140.43	161.82	161.13	-	3.61	3.61	3.89	3.93	-
3674,9	Other electronic components	120.50	118.50	122.28	122.58	-	2.99	3.00	3.08	3.08	-
369	Misc. electrical equipment & supplies....	167.25	166.04	179.30	179.73	(*)	4.03	4.04	4.31	4.31	(*)
3694	Engine electrical equipment	175.56	173.06	193.24	195.08	-	4.17	4.17	4.59	4.59	-
37	TRANSPORTATION EQUIPMENT	197.45	190.76	211.50	214.70	214.12	4.69	4.63	5.00	5.04	5.05
371	Motor vehicles and equipment	219.10	213.19	238.58	243.96	(*)	5.06	5.04	5.41	5.47	(*)
3711	Motor vehicles	228.90	223.97	245.64	255.83	-	5.25	5.32	5.57	5.66	-
3712	Passenger car bodies	232.26	250.33	254.29	253.13	-	5.53	5.89	5.90	5.97	-
3713	Truck and bus bodies	167.69	165.64	182.57	182.16	-	4.09	4.04	4.41	4.40	-
3714	Motor vehicle parts and accessories ...	217.94	212.65	240.49	243.36	-	5.01	4.98	5.38	5.42	-
3715	Truck trailers	150.22	148.37	154.03	157.19	-	3.70	3.61	3.87	3.92	-
372	Aircraft and parts	191.73	188.19	205.09	204.44	205.58	4.62	4.59	4.93	4.95	4.93
3721	Aircraft	196.35	190.70	210.31	207.87	-	4.72	4.64	5.08	5.07	-
3722	Aircraft engines and engine parts	188.79	190.88	205.43	205.50	-	4.65	4.69	4.95	5.00	-
3723,9	Other aircraft parts and equipment	184.88	177.94	192.36	195.93	-	4.35	4.34	4.58	4.61	-
373	Ship and boat building and repairing	163.62	163.59	164.51	165.85	164.58	4.06	4.10	4.24	4.22	4.22
3731	Ship building and repairing	172.83	173.60	172.66	174.49	-	4.31	4.34	4.52	4.44	-
3732	Boat building and repairing	135.05	132.60	143.02	138.02	-	3.31	3.34	3.54	3.53	-
374	Railroad equipment	189.54	190.51	188.50	186.00	-	4.86	4.86	5.00	5.00	-
375,9	Other transportation equipment	139.90	137.41	146.00	146.07	-	3.48	3.47	3.65	3.67	-
38	INSTRUMENTS AND RELATED PRODUCTS ...	151.00	148.37	156.72	156.31	153.22	3.71	3.70	3.86	3.85	3.84
381	Engineering & scientific instruments	175.55	170.49	178.43	177.57	-	4.23	4.22	4.31	4.31	-
382	Mechanical measuring & control devices..	145.93	141.02	153.78	152.63	(*)	3.63	3.57	3.76	3.75	(*)
3821	Mechanical measuring devices	145.56	140.30	154.09	151.78	-	3.63	3.57	3.74	3.72	-
3822	Automatic temperature controls	145.93	142.04	153.06	153.87	-	3.63	3.56	3.77	3.79	-
383,5	Optical and ophthalmic goods	133.93	131.54	141.65	142.04	141.73	3.34	3.33	3.55	3.56	3.57
385	Ophthalmic goods	123.86	121.99	128.25	128.64	-	3.12	3.12	3.28	3.29	-
384	Medical instruments and supplies	133.17	133.53	136.79	133.33	(*)	3.28	3.33	3.41	3.35	(*)
386	Photographic equipment and supplies	188.10	184.58	198.91	198.24	(*)	4.50	4.48	4.77	4.72	(*)
387	Watches, clocks, and watchcases	116.42	116.61	120.59	119.56	-	2.94	2.93	3.10	3.05	-
39	MISC. MANUFACTURING INDUSTRIES	122.76	119.89	127.14	127.47	124.86	3.10	3.09	3.26	3.26	3.26
391	Jewelry, silverware, and plated ware....	133.96	128.76	138.45	138.52	(*)	3.40	3.31	3.55	3.57	(*)
394	Toys and sporting goods	111.50	109.52	115.12	115.03	-	2.83	2.83	2.99	2.98	-
3941-3	Games, toys, dolls & play vehicles	106.47	104.78	108.58	108.77	-	2.73	2.75	2.88	2.87	-
3949	Sporting and athletic goods, n e c	116.61	115.34	121.44	121.75	-	2.93	2.92	3.09	3.09	-
395	Pens, pencils, office and art supplies....	127.70	125.06	134.56	135.63	-	3.13	3.15	3.29	3.30	-
396	Costume jewelry and notions	113.58	110.40	113.16	116.27	-	2.89	2.89	2.97	3.02	-
393,9	Other manufacturing industries	129.49	127.26	136.42	135.98	-	3.27	3.28	3.48	3.45	-
393	Musical instruments and parts	125.45	120.67	130.41	130.87	-	3.16	3.11	3.31	3.28	-
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	145.75	146.47	153.56	153.92	154.28	3.59	3.59	3.82	3.81	3.80
201	Meat products	150.69	149.11	158.79	156.78	157.12	3.73	3.70	3.95	3.90	3.87
2011	Meat packing plants	192.45	180.26	191.63	190.70	-	4.45	4.44	4.64	4.64	-
2013	Sausages and other prepared meats	173.84	173.81	178.97	180.14	-	4.24	4.26	4.43	4.47	-
2015	Poultry dressing plants	93.38	94.49	97.15	97.39	-	2.37	2.38	2.53	2.51	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.7	39.9	40.5	40.3	39.8	2.6	2.3	2.9	2.8	-
361	Electric test & distributing equipment	41.2	40.7	41.1	40.7	(*)	2.9	2.8	3.0	3.2	-
3611	Electric measuring instruments	41.3	40.3	40.4	39.8	-	2.7	2.5	2.4	2.3	-
3612	Transformers	40.8	40.2	41.5	40.9	-	-	-	-	-	-
3613	Switchgear and switchboard apparatus	41.5	41.4	41.3	41.5	-	-	-	-	-	-
362	Electrical industrial apparatus	41.5	40.5	41.5	40.9	(*)	3.3	3.0	3.5	3.5	-
3621	Motors and generators	41.7	40.8	41.4	40.7	-	3.3	3.2	3.4	3.4	-
3622	Industrial controls	40.9	39.7	40.9	40.1	-	2.9	2.6	3.1	2.8	-
363	Household appliances	40.8	40.6	40.4	39.1	(*)	2.4	2.4	2.8	2.2	-
3632	Household refrigerators and freezers	41.7	41.9	40.4	37.7	-	-	-	-	-	-
3633	Household laundry equipment	40.8	40.2	40.6	40.8	-	-	-	-	-	-
3634	Electric housewares and fans	39.7	38.5	39.4	39.5	-	1.8	1.7	2.3	2.4	-
364	Electric lighting and wiring equipment	40.0	39.6	40.4	40.0	(*)	2.5	2.1	3.1	2.6	-
3641	Electric lamps	40.1	39.8	41.4	40.1	-	1.9	1.7	3.5	2.2	-
3642	Lighting fixtures	39.5	39.1	39.9	39.4	-	2.7	2.2	2.7	2.5	-
3643,4	Wiring devices	40.4	39.9	40.3	40.3	-	2.7	2.2	3.2	2.9	-
365	Radio and TV receiving equipment	39.0	37.3	38.9	39.5	(*)	2.0	1.7	2.2	2.3	-
366	Communication equipment	40.9	39.8	40.7	40.8	40.0	2.3	1.9	2.4	2.6	-
3661	Telephone and telegraph apparatus	40.3	39.2	40.7	40.6	-	-	-	-	-	-
3662	Radio and TV communication equipment	41.4	40.3	40.6	41.0	-	2.6	2.5	2.5	2.6	-
367	Electronic components and accessories	40.3	39.4	40.0	40.0	(*)	2.8	2.4	2.9	2.7	-
3671-3	Electron tubes	40.3	38.9	41.6	41.0	-	2.3	1.9	3.1	3.2	-
3674,9	Other electronic components	40.3	39.5	39.7	39.8	-	2.9	2.5	2.8	2.6	-
369	Misc. electrical equipment & supplies	41.5	41.1	41.6	41.7	(*)	2.9	2.5	3.9	3.9	-
3694	Engine electrical equipment	42.1	41.5	42.1	42.5	-	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	42.1	41.2	42.3	42.6	42.4	4.0	3.6	4.9	5.2	-
371	Motor vehicles and equipment	43.3	42.3	44.1	44.6	(*)	4.8	4.3	6.4	6.9	-
3711	Motor vehicles	43.6	42.1	44.1	45.2	-	4.8	3.8	6.8	7.8	-
3712	Passenger car bodies	42.0	42.5	43.1	42.4	-	-	-	-	-	-
3713	Truck and bus bodies	41.0	41.0	41.4	41.4	-	-	-	-	-	-
3714	Motor vehicle parts and accessories	43.5	42.7	44.7	44.9	-	5.0	4.9	6.6	6.9	-
3715	Truck trailers	40.6	41.1	39.8	40.1	-	-	-	-	-	-
372	Aircraft and parts	41.5	41.0	41.6	41.3	41.7	3.0	2.6	3.2	3.1	-
3721	Aircraft	41.6	41.1	41.4	41.0	-	2.8	2.1	2.7	2.2	-
3722	Aircraft engines and engine parts	40.6	40.7	41.5	41.1	-	2.7	3.0	3.6	3.8	-
3723,9	Other aircraft parts and equipment	42.5	41.0	42.0	42.5	-	4.1	3.3	4.0	4.1	-
373	Ship and boat building and repairing	40.3	39.9	38.8	39.3	39.0	3.2	3.0	3.0	3.5	-
3731	Ship building and repairing	40.1	40.0	38.2	39.3	-	-	-	-	-	-
3732	Boat building and repairing	40.8	39.7	40.4	39.1	-	-	-	-	-	-
374	Railroad equipment	39.0	39.2	37.7	37.2	-	1.8	2.0	2.3	1.8	-
375,9	Other transportation equipment	40.2	39.6	40.0	39.8	-	3.2	3.5	3.1	3.1	-
38	INSTRUMENTS AND RELATED PRODUCTS	40.7	40.1	40.6	40.6	39.9	2.7	2.3	3.0	2.8	-
381	Engineering & scientific instruments	41.5	40.4	41.4	41.2	-	3.2	3.2	3.6	3.5	-
382	Mechanical measuring & control devices	40.2	39.5	40.9	40.7	(*)	2.7	2.3	3.1	2.8	-
3821	Mechanical measuring devices	40.1	39.3	41.2	40.8	-	2.7	2.0	3.4	2.9	-
3822	Automatic temperature controls	40.2	39.9	40.6	40.6	-	2.7	2.8	2.7	2.7	-
383,5	Optical and ophthalmic goods	40.1	39.5	39.9	39.9	39.7	2.4	2.1	2.7	2.9	-
385	Ophthalmic goods	39.7	39.1	39.1	39.1	-	2.3	1.9	2.2	2.3	-
384	Medical instruments and supplies	40.6	40.1	40.1	39.8	(*)	2.6	2.2	2.7	2.3	-
386	Photographic equipment and supplies	41.8	41.2	41.7	42.0	(*)	2.9	2.6	3.3	3.3	-
387	Watches, clocks, and watch cases	39.6	39.8	38.9	39.2	-	2.1	1.5	2.1	2.1	-
39	MISC. MANUFACTURING INDUSTRIES	39.6	38.8	39.0	39.1	38.3	2.5	2.0	2.5	2.3	-
391	Jewelry, silverware, and plated ware	39.4	38.9	39.0	38.8	(*)	2.6	1.3	2.9	2.5	-
394	Toys and sporting goods	39.4	38.7	38.5	38.6	-	2.3	2.4	2.3	2.0	-
3941-3	Games, toys, dolls, & play vehicles	39.0	38.1	37.7	37.9	-	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	39.8	39.5	39.3	39.4	-	-	-	-	-	-
395	Pens, pencils, office and art supplies	40.8	39.7	40.9	41.1	-	2.6	2.0	3.1	3.5	-
396	Costume jewelry and notions	39.3	38.2	38.1	38.5	-	2.7	1.4	2.0	2.1	-
393,9	Other manufacturing industries	39.6	38.8	39.2	39.3	-	2.5	2.1	2.5	2.5	-
393	Musical instruments and parts	39.7	38.8	39.4	39.9	-	2.4	1.6	2.3	2.2	-
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	40.6	40.8	40.2	40.4	40.6	4.0	4.2	3.7	4.0	-
201	Meat products	40.4	40.3	40.2	40.2	40.6	4.1	3.8	4.1	3.9	-
2011	Meat packing plants	41.0	40.6	41.3	41.1	-	4.2	3.7	4.4	4.0	-
2013	Sausages and other prepared meats	41.0	40.8	40.4	40.3	-	-	-	-	-	-
2015	Poultry dressing plants	39.4	39.7	38.4	38.8	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1972	July 1972	May 1973	June ^P 1973	July ^P 1973	June 1972	July 1972	May 1973	June ^P 1973	July ^P 1973
<i>Nondurable Goods--Continued</i>											
FOOD AND KINDRED PRODUCTS--Continued											
202	Dairy products.....	\$153.97	\$154.70	\$157.82	\$161.32	(*)	\$3.64	\$3.64	\$3.84	\$3.85	(*)
2024	Ice cream and frozen desserts.....	146.58	146.85	149.29	154.84	-	3.49	3.53	3.77	3.74	-
20 26	Fluid milk.....	160.74	162.31	166.80	171.30	-	3.80	3.81	4.00	4.04	-
203	Canned, cured, and frozen foods.....	113.16	113.87	123.12	119.41	-	2.97	2.95	3.24	3.21	-
2031,6	Canned, cured, and frozen sea foods....	85.84	96.29	101.18	94.33	-	2.57	2.66	2.85	2.75	-
2032,3	Canned food, except sea foods.....	123.56	119.78	135.58	129.13	-	3.16	3.04	3.54	3.49	-
2037	Frozen fruits and vegetables.....	107.03	104.81	118.20	120.17	-	2.78	2.81	3.00	3.05	-
204	Grain mill products.....	167.93	173.43	171.90	177.01	(*)	3.74	3.82	3.97	3.96	(*)
2041	Flour and other grain mill products.....	183.88	190.62	186.85	196.23	-	3.98	4.03	4.18	4.22	-
2042	Prepared feeds for animals and fowls....	148.34	150.48	149.55	153.34	-	3.19	3.25	3.43	3.37	-
205	Bakery products.....	149.17	150.72	155.23	158.40	\$161.58	3.72	3.74	3.92	3.95	\$3.97
2051	Bread, cake, and related products.....	150.84	153.18	156.02	159.20	-	3.79	3.82	3.98	4.01	-
2052	Cookies and crackers.....	142.27	143.31	152.63	156.04	-	3.47	3.47	3.75	3.76	-
206	Sugar.....	160.68	162.29	169.26	162.81	-	3.90	3.92	4.03	4.02	-
207	Confectionery and related products.....	127.59	131.67	134.75	135.93	133.56	3.23	3.30	3.42	3.45	3.46
2071	Confectionery products.....	125.37	126.01	129.81	130.65	-	3.15	3.19	3.32	3.35	-
208	Beverages.....	170.96	174.30	178.00	183.31	(*)	4.18	4.19	4.45	4.46	(*)
2082	Malt liquors.....	229.77	235.90	244.86	252.53	-	5.55	5.59	5.83	5.97	-
2086	Bottled and canned soft drinks.....	129.68	130.31	132.72	140.08	-	3.14	3.14	3.36	3.40	-
209	Misc. foods and kindred products.....	147.14	148.33	153.55	156.24	155.58	3.52	3.54	3.70	3.72	3.74
21	TOBACCO MANUFACTURES	122.84	121.74	134.40	138.16	143.39	3.53	3.57	3.84	3.87	3.95
211	Cigarettes.....	136.37	135.46	149.86	154.32	-	4.12	4.13	4.46	4.46	-
212	Cigars.....	90.34	87.48	98.89	96.72	-	2.39	2.43	2.63	2.60	-
22	TEXTILE MILL PRODUCTS	113.42	110.84	118.03	119.07	118.20	2.72	2.71	2.90	2.89	2.89
221	Weaving mills, cotton.....	114.90	113.55	119.68	120.69	122.40	2.71	2.71	2.87	2.86	2.88
222	Weaving mills, synthetics.....	119.39	118.83	125.50	125.38	(*)	2.77	2.77	2.96	2.95	(*)
223	Weaving and finishing mills, wool.....	117.74	116.31	125.82	127.32	124.84	2.81	2.83	3.01	3.01	3.03
224	Narrow fabric mills.....	106.63	102.83	113.83	113.81	(*)	2.62	2.61	2.79	2.81	(*)
225	Knitting mills.....	103.23	101.92	107.06	108.47	108.47	2.62	2.62	2.81	2.81	2.81
2251	Women's hosiery, except socks.....	95.00	94.37	91.52	94.68	-	2.50	2.53	2.63	2.63	-
2252	Hosiery, n e c.....	91.18	88.83	93.50	94.88	-	2.35	2.35	2.50	2.51	-
2253	Knit outerwear mills.....	104.06	100.61	110.67	110.96	-	2.71	2.69	2.92	2.92	-
2254	Knit underwear mills.....	95.01	96.19	95.98	96.63	-	2.43	2.46	2.58	2.57	-
226	Textile finishing, except wool.....	125.27	118.37	127.82	132.06	(*)	2.92	2.88	3.08	3.10	(*)
227	Floor covering mills.....	122.41	115.71	127.82	129.36	-	2.86	2.85	3.08	3.08	-
228	Yarn and thread mills.....	106.77	104.08	111.78	113.13	109.75	2.53	2.52	2.70	2.70	2.69
229	Miscellaneous textile goods.....	130.66	127.49	136.18	135.24	135.34	3.06	3.05	3.25	3.22	3.23
23	APPAREL AND OTHER TEXTILE PRODUCTS	93.24	92.88	98.37	98.64	99.37	2.59	2.58	2.74	2.74	2.73
231	Men's and boys' suits and coats.....	120.85	119.56	125.49	124.94	(*)	3.32	3.24	3.41	3.49	(*)
232	Men's and boys' furnishings.....	84.22	83.39	88.45	89.41	(*)	2.27	2.26	2.41	2.41	(*)
2321	Men's and boys' shirts and nightwear..	82.35	82.80	85.79	86.38	-	2.25	2.25	2.37	2.36	-
2327	Men's and boys' separate trousers.....	83.76	83.93	89.54	90.64	-	2.27	2.25	2.42	2.43	-
2328	Men's and boys' work clothing.....	80.89	79.61	84.50	85.88	-	2.14	2.14	2.29	2.29	-
233	Women's and misses' outerwear.....	92.40	93.63	97.58	97.58	(*)	2.75	2.77	2.87	2.87	(*)
2331	Women's and misses' blouses and waists..	87.30	82.70	90.55	91.00	-	2.48	2.31	2.64	2.63	-
2335	Women's and misses' dresses.....	90.60	93.28	99.57	98.27	-	2.84	2.87	2.99	2.96	-
2337	Women's and misses' suits and coats.....	107.86	109.21	107.54	111.21	-	3.21	3.26	3.21	3.30	-
2339	Women's and misses' outerwear, n e c....	88.21	86.76	91.24	91.04	-	2.43	2.39	2.57	2.55	-
234	Women's and children's undergarments....	86.51	83.98	90.00	90.02	(*)	2.37	2.32	2.50	2.48	(*)
2341	Women's and children's underwear.....	81.95	81.76	87.60	87.85	-	2.27	2.24	2.44	2.42	-
2342	Corsets and allied garments.....	97.24	89.96	96.75	95.93	-	2.60	2.52	2.68	2.65	-
235	Hats, caps, and millinery.....	87.58	82.11	90.96	91.20	-	2.38	2.30	2.40	2.40	-
236	Children's outerwear.....	88.33	88.33	89.66	91.39	(*)	2.44	2.44	2.54	2.56	(*)
2361	Children's dresses and blouses.....	87.24	88.09	89.15	89.95	-	2.41	2.42	2.54	2.57	-
237,8	Fur goods and miscellaneous apparel....	93.76	94.42	99.44	98.81	-	2.59	2.63	2.77	2.76	-
239	Misc. fabricated textile products.....	105.81	105.64	113.32	115.97	(*)	2.77	2.78	2.99	3.02	(*)
2391,2	Housefurnishings.....	91.06	89.25	94.62	96.90	-	2.39	2.38	2.53	2.55	-
26	PAPER AND ALLIED PRODUCTS	168.56	169.92	175.51	177.62	179.76	3.92	3.97	4.12	4.15	4.20
261,2,6	Paper and pulp mills.....	192.71	198.91	204.26	207.41	(*)	4.35	4.44	4.59	4.64	(*)
263	Paperboard mills.....	199.79	203.85	208.36	208.80	208.77	4.43	4.51	4.62	4.64	4.66
264	Misc. converted paper products.....	148.33	147.74	154.13	154.84	(*)	3.54	3.56	3.75	3.74	(*)
2643	Bags, except textile bags.....	141.73	142.27	149.24	151.06	-	3.44	3.47	3.64	3.64	-
265	Paperboard containers and boxes.....	152.46	150.75	156.97	159.78	(*)	3.63	3.65	3.81	3.85	(*)
2651,2	Folding and setup paperboard boxes....	141.04	140.07	142.09	147.74	-	3.44	3.45	3.57	3.63	-
2653	Corrugated and solid fiber boxes.....	163.78	161.63	167.98	169.62	-	3.80	3.83	3.99	4.01	-
2654	Sanitary food containers.....	146.78	145.79	153.18	156.42	-	3.52	3.53	3.70	3.76	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	42.3	42.5	41.1	41.9	(*)	4.5	4.6	4.1	4.7	-
2024	Ice cream and frozen desserts	42.0	41.6	39.6	41.4	-	-	-	-	-	-
2026	Fluid milk	42.3	42.6	41.7	42.4	-	-	-	-	-	-
203	Canned, cured, and frozen foods	38.1	38.6	38.0	37.2	-	2.9	3.5	2.9	2.9	-
2031,6	Canned, cured and frozen sea foods	33.4	36.2	35.5	34.3	-	-	-	-	-	-
2032,3	Canned food, except sea foods	39.1	39.4	38.3	37.0	-	-	-	-	-	-
2037	Frozen fruits and vegetables	38.5	37.3	39.4	39.4	-	-	-	-	-	-
204	Grain mill products	44.9	45.4	43.3	44.7	(*)	6.7	7.3	5.7	6.6	-
2041	Flour and other grain mill product	46.2	47.3	44.7	46.5	-	-	-	-	-	-
2042	Prepared feeds for animals and fowls	46.5	46.3	43.6	45.5	-	-	-	-	-	-
205	Bakery products	40.1	40.3	39.6	40.1	40.7	3.6	3.8	3.4	3.8	-
2051	Bread, cake, and related products	39.8	40.1	39.2	39.7	-	-	-	-	-	-
2052	Cookies and crackers	41.0	41.3	40.7	41.5	-	-	-	-	-	-
206	Sugar	41.2	41.4	42.0	40.5	-	3.3	4.0	3.0	2.7	-
207	Confectionery and related products	39.5	39.9	39.4	39.4	38.6	2.2	2.8	2.2	2.2	-
2071	Confectionery products	39.8	39.5	39.1	39.0	-	-	-	-	-	-
208	Beverages	40.9	41.6	40.0	41.1	(*)	4.1	4.5	3.4	4.1	-
2082	Malt liquors	41.4	42.2	42.0	42.3	-	-	-	-	-	-
2086	Bottled and canned soft drinks	41.3	41.5	39.5	41.2	-	-	-	-	-	-
209	Misc. foods and kindred products	41.8	41.9	41.5	42.0	41.6	4.6	4.5	4.4	4.9	-
21	TOBACCO MANUFACTURES	34.8	34.1	35.0	35.7	36.3	.7	1.5	1.0	1.2	-
211	Cigarettes	33.1	32.8	33.6	34.6	-	.4	1.7	.8	1.2	-
212	Cigars	37.8	36.0	37.6	37.2	-	1.1	1.0	1.5	1.2	-
22	TEXTILE MILL PRODUCTS	41.7	40.9	40.7	41.2	40.9	4.4	4.0	4.2	4.5	-
221	Weaving mills, cotton	42.4	41.9	41.7	42.2	42.5	5.0	4.6	4.9	5.1	-
222	Weaving mills, synthetics	43.1	42.9	42.4	42.5	(*)	5.3	4.9	5.3	5.0	-
223	Weaving and finishing mills, wool	41.9	41.1	41.8	42.3	41.2	4.1	3.6	4.2	4.4	-
224	Narrow fabric mills	40.7	39.4	40.8	40.5	(*)	3.2	2.7	3.6	3.6	-
225	Knitting mills	39.4	38.9	38.1	38.6	38.6	3.1	3.2	2.8	3.1	-
2251	Women's hosiery, except socks	38.0	37.3	34.8	36.0	-	-	-	-	-	-
2252	Hosiery, n.e.c.	38.8	37.8	37.4	37.8	-	-	-	-	-	-
2253	Knit outerwear mills	38.4	37.4	37.9	38.0	-	-	-	-	-	-
2254	Knit underwear mills	39.1	39.1	37.2	37.6	-	-	-	-	-	-
226	Textile finishing, except wool	42.9	41.1	41.5	42.6	(*)	5.4	4.3	4.4	5.4	-
227	Floor covering mills	42.8	40.6	41.5	42.0	-	5.2	4.1	5.0	5.8	-
228	Yarn and thread mills	42.2	41.3	41.4	41.9	40.8	4.7	4.2	4.6	4.9	-
229	Miscellaneous textile goods	42.7	41.8	41.9	42.0	41.9	4.8	3.8	4.7	4.4	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.0	36.0	35.9	36.0	36.4	1.4	1.3	1.4	1.5	-
231	Men's and boys' suits and coats	36.4	36.9	36.8	35.8	(*)	1.1	.6	1.2	1.2	-
232	Men's and boys' furnishings	37.1	36.9	36.7	37.1	(*)	1.4	1.2	1.4	1.5	-
2321	Men's and boys' shirts and nightwear	36.6	36.8	36.2	36.6	-	1.3	1.2	1.3	1.4	-
2327	Men's and boys' separate trousers	36.9	37.3	37.0	37.3	-	-	-	-	-	-
2328	Men's and boys' work clothing	37.8	37.2	36.9	37.5	-	1.4	1.0	1.3	1.5	-
233	Women's and misses' outerwear	33.6	33.8	34.0	34.0	(*)	1.2	1.2	1.1	1.2	-
2331	Women's and misses' blouses and waists	35.2	35.8	34.3	34.6	-	-	-	-	-	-
2335	Women's and misses' dresses	31.9	32.5	33.3	33.2	-	1.1	1.1	1.1	1.2	-
2337	Women's and misses' suits and coats	33.6	33.5	33.5	33.7	-	1.1	1.3	1.3	1.2	-
2339	Women's and misses' outerwear, n.e.c.	36.3	36.3	35.5	35.7	-	1.3	1.2	1.2	1.4	-
234	Women's and children's undergarments	36.5	36.2	36.0	36.3	(*)	1.5	1.3	1.2	1.4	-
2341	Women's and children's underwear	36.1	36.5	35.9	36.3	-	-	-	-	-	-
2342	Corsets and allied garments	37.4	35.7	36.1	36.2	-	-	-	-	-	-
235	Hats, caps, and millinery	36.8	35.7	37.9	38.0	-	1.5	.9	1.9	1.8	-
236	Children's outerwear	36.2	36.2	35.3	35.7	(*)	1.2	1.2	1.1	1.3	-
2361	Children's dresses and blouses	36.2	36.4	35.1	35.0	-	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	36.2	35.9	35.9	35.8	-	1.1	.9	1.3	1.2	-
239	Misc. fabricated textile products	38.2	38.0	37.9	38.4	(*)	2.2	2.3	2.1	2.4	-
2391,2	Housefurnishings	38.1	37.5	37.4	38.0	-	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	43.0	42.8	42.6	42.8	42.8	5.0	5.1	4.9	5.0	-
261,2,6	Paper and pulp mills	44.3	44.8	44.5	44.7	(*)	6.0	6.6	6.5	6.6	-
263	Paperboard mills	45.1	45.2	45.1	45.0	44.8	7.4	7.5	7.4	7.6	-
264	Misc. converted paper products	41.9	41.5	41.1	41.4	(*)	3.7	3.5	3.5	3.6	-
2643	Bags, except textile bags	41.2	41.0	41.0	41.5	-	-	-	-	-	-
265	Paperboard containers and boxes	42.0	41.3	41.2	41.5	(*)	4.4	4.2	3.9	4.0	-
2651,2	Folding and setup paperboard boxes	41.0	40.6	39.8	40.7	-	-	-	-	-	-
2653	Corrugated and solid fiber boxes	43.1	42.2	42.1	42.3	-	5.3	4.8	4.5	4.8	-
2654	Sanitary food containers	41.7	41.3	41.4	41.6	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p	June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	\$169.41	\$170.62	\$176.99	\$176.61	\$178.69	\$4.47	\$4.49	\$4.67	\$4.66	\$4.69
271	Newspapers.....	177.43	177.43	183.86	183.65	183.50	4.97	4.97	5.15	5.13	5.14
272	Periodicals.....	195.29	195.69	202.00	203.41	-	4.74	4.82	5.05	5.06	-
273	Books.....	154.84	158.01	161.56	159.06	-	3.95	3.97	4.09	4.11	-
275	Commercial printing.....	172.54	174.47	180.73	179.49	(*)	4.47	4.52	4.67	4.65	(*)
2751	Commercial printing, ex. lithographic.....	165.98	166.32	172.73	171.20	-	4.30	4.32	4.51	4.47	-
2752	Commercial printing, lithographic.....	183.05	186.63	191.69	192.86	-	4.73	4.81	4.89	4.92	-
278	Blankbooks and bookbinding.....	127.77	128.87	132.62	134.02	133.67	3.31	3.33	3.49	3.49	3.49
274,6,7,9	Other publishing & printing ind.....	168.19	168.25	178.56	179.49	(*)	4.38	4.37	4.65	4.65	(*)
28	CHEMICALS AND ALLIED PRODUCTS	176.40	175.97	185.64	187.79	188.16	4.20	4.23	4.42	4.45	4.48
281	Industrial chemicals.....	198.01	198.29	208.68	211.93	214.70	4.67	4.71	4.91	4.94	4.97
2812	Alkalies and chlorine.....	205.57	208.68	213.53	(*)	-	4.63	4.70	4.92	(*)	-
2818	Industrial organic chemicals, n e c.....	212.77	215.39	228.38	232.76	-	5.03	5.08	5.25	5.29	-
2819	Industrial inorganic chemicals, n e c.....	185.43	185.32	193.64	197.13	-	4.46	4.52	4.70	4.75	-
282	Plastics materials and synthetics.....	177.16	175.51	182.74	184.02	(*)	4.12	4.12	4.32	4.34	(*)
2821	Plastics materials and resins.....	194.92	194.03	202.77	201.81	-	4.42	4.43	4.64	4.65	-
2823,4	Synthetic fibers.....	159.56	160.06	165.60	167.23	-	3.79	3.82	4.00	4.02	-
283	Drugs.....	157.16	156.81	175.12	175.55	(*)	3.89	3.93	4.23	4.22	(*)
2834	Pharmaceutical preparations.....	153.90	153.58	172.23	173.06	-	3.80	3.83	4.15	4.15	-
284	Soap, cleaners, and toilet goods.....	170.15	171.75	178.16	180.30	(*)	4.14	4.22	4.41	4.43	(*)
2841	Soap and other detergents.....	220.42	226.18	230.03	233.62	-	5.15	5.26	5.49	5.51	-
2844	Toilet preparations.....	135.20	133.28	141.18	143.45	-	3.38	3.40	3.62	3.65	-
285	Paints and allied products.....	165.82	162.60	173.89	175.56	(*)	3.92	3.89	4.19	4.20	(*)
287	Agricultural chemicals.....	148.33	153.61	158.98	157.83	(*)	3.54	3.64	3.68	3.74	(*)
2871,2	Fertilizers, complete & mixing only.....	139.61	144.63	153.56	150.45	-	3.34	3.46	3.49	3.54	-
286,9	Other chemical products.....	164.80	162.80	175.56	177.24	(*)	4.00	4.00	4.19	4.23	(*)
2892	Explosives.....	169.74	162.36	180.62	179.26	-	4.13	4.10	4.27	4.33	-
29	PETROLEUM AND COAL PRODUCTS	209.46	210.23	220.81	219.56	222.70	4.94	4.97	5.22	5.24	5.24
291	Petroleum refining.....	219.98	219.76	233.94	228.52	(*)	5.25	5.27	5.57	5.56	(*)
295,9	Other petroleum and coal products.....	178.20	180.78	184.89	192.72	(*)	4.05	4.09	4.27	4.38	(*)
30	RUBBER AND PLASTICS PRODUCTS, N E C	147.38	146.93	151.37	152.97	154.71	3.56	3.61	3.71	3.74	3.82
301	Tires and inner tubes.....	209.28	210.30	216.58	221.42	(*)	4.80	4.96	5.12	5.09	(*)
302,3,6	Other rubber products.....	141.23	139.20	148.56	148.60	144.94	3.47	3.48	3.65	3.66	3.66
302	Rubber footwear.....	110.09	112.13	117.02	116.03	-	2.83	2.89	2.97	2.96	-
307	Miscellaneous plastics products.....	129.88	128.07	132.92	132.66	132.53	3.16	3.17	3.29	3.30	3.33
31	LEATHER AND LEATHER PRODUCTS	105.84	105.03	106.68	107.97	108.25	2.70	2.70	2.80	2.79	2.79
311	Leather tanning and finishing.....	139.09	131.29	145.24	143.75	(*)	3.46	3.41	3.64	3.63	(*)
314	Footwear, except rubber.....	102.97	102.97	103.79	105.84	(*)	2.62	2.62	2.71	2.70	(*)
312,3,5-7,5	Other leather products.....	102.68	101.46	101.84	103.42	104.25	2.66	2.67	2.76	2.78	2.81
316	Luggage.....	102.37	101.44	105.20	107.60	-	2.82	2.81	2.89	2.94	-
317	Handbags and personal leather goods.....	99.59	98.42	98.92	101.83	-	2.58	2.59	2.71	2.73	-
-	TRANSPORTATION AND PUBLIC UTILITIES	186.86	189.66	201.87	205.18	206.41	4.58	4.66	4.96	4.98	5.01
RAILROAD TRANSPORTATION:											
4011	Class I railroads ²	217.16	211.99	249.70	(*)	-	4.88	4.93	5.50	(*)	-
LOCAL AND INTERURBAN PASSENGER TRANSPORT:											
411	Local and suburban transportation.....	161.63	164.01	172.58	173.86	-	3.83	3.85	4.08	4.12	-
413	Intercity highway transportation.....	187.33	196.66	204.27	(*)	-	4.66	4.88	4.97	(*)	-
42	TRUCKING AND WAREHOUSING	202.35	205.16	216.52	221.70	-	4.75	4.85	5.18	5.18	-
421,3	Trucking and trucking terminals.....	206.24	209.95	221.65	227.47	-	4.83	4.94	5.29	5.29	-
422	Public warehousing.....	139.65	143.56	146.37	150.47	-	3.50	3.58	3.65	3.67	-
46	PIPE LINE TRANSPORTATION	207.97	216.71	226.59	228.77	-	5.06	5.26	5.46	5.46	-
48	COMMUNICATION	164.72	168.38	175.28	179.65	-	4.17	4.22	4.46	4.48	-
481	Telephone communication.....	163.55	167.60	174.49	179.69	-	4.13	4.19	4.44	4.47	-
4817	Switchboard operating employees ³	116.27	120.02	126.32	127.79	-	3.37	3.40	3.63	3.61	-
4818	Line construction employees ⁴	215.60	220.56	228.38	237.19	-	4.90	4.99	5.25	5.33	-
482	Telegraph communication ⁵	178.89	183.17	207.58	(*)	-	4.29	4.32	4.85	(*)	-
483	Radio and television broadcasting.....	172.60	176.40	178.94	177.84	-	4.46	4.50	4.60	4.56	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p	June 1972	July 1972	May 1973	June 1973 ^p	July 1973 ^p
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	37.9	38.0	37.9	37.9	38.1	2.7	2.8	3.0	2.7	-
271	Newspapers.....	35.7	35.7	35.7	35.8	35.7	2.6	2.4	2.9	2.8	-
272	Periodicals.....	41.2	40.6	40.0	40.2	-	4.0	3.8	3.5	3.6	-
273	Books	39.2	39.8	39.5	38.7	-	2.7	3.3	3.7	2.3	-
275	Commercial printing	38.6	38.6	38.7	38.6	(*)	2.9	3.1	3.1	2.8	-
2751	Commercial printing, ex. lithographic	38.6	38.5	38.3	38.3	-	2.9	2.9	2.9	2.6	-
2752	Commercial printing, lithographic	38.7	38.8	39.2	39.2	-	3.0	3.3	3.5	3.2	-
278	Blankbooks and bookbinding	38.6	38.7	38.0	38.4	38.3	2.1	2.3	2.1	2.4	-
274,6,7,9	Other publishing & printing ind.....	38.4	38.5	38.4	38.6	(*)	2.6	2.8	2.6	2.6	-
28	CHEMICALS AND ALLIED PRODUCTS ..	42.0	41.6	42.0	42.2	42.0	3.4	3.2	3.6	3.7	-
281	Industrial chemicals	42.4	42.1	42.5	42.9	43.2	3.5	3.6	4.0	4.0	-
2812	Alkalies and chlorine	44.4	44.4	43.4	(*)	-	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c....	42.3	42.4	43.5	44.0	-	3.4	3.6	4.4	4.8	-
2819	Industrial inorganic chemicals, n.e.c....	41.8	41.0	41.2	41.5	-	3.1	3.1	3.2	3.2	-
282	Plastics materials and synthetics	43.0	42.6	42.3	42.4	(*)	3.9	3.4	3.5	3.7	-
2821	Plastics materials and resins	44.1	43.8	43.7	43.4	-	5.2	4.8	4.9	4.6	-
2823,4	Synthetic fibers	42.1	41.9	41.4	41.6	-	3.0	2.5	2.6	3.0	-
283	Drugs	40.4	39.9	41.4	41.6	(*)	2.1	1.9	3.0	3.4	-
2834	Pharmaceutical preparations	40.5	40.1	41.5	41.7	-	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	41.1	40.7	40.4	40.7	(*)	2.8	3.1	2.4	2.7	-
2841	Soap and other detergents	42.8	43.0	41.9	42.4	-	-	-	-	-	-
2844	Toilet preparations	40.0	39.2	39.0	39.3	-	-	-	-	-	-
285	Paints and allied products	42.3	41.8	41.5	41.8	(*)	4.1	3.6	3.7	4.0	-
287	Agricultural chemicals	41.9	42.2	43.2	42.2	(*)	4.2	4.2	5.8	4.6	-
2871,2	Fertilizers, complete & mixing only..	41.8	41.8	44.0	42.5	-	-	-	-	-	-
286,9	Other chemical products	41.2	40.7	41.9	41.9	(*)	3.3	2.9	3.7	3.7	-
2892	Explosives	41.1	39.6	42.3	41.4	-	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	42.4	42.3	42.3	41.9	42.5	3.8	3.7	4.2	3.7	-
291	Petroleum refining.....	41.9	41.7	42.0	41.1	(*)	3.0	2.8	3.6	2.7	-
295,9	Other petroleum and coal products	44.0	44.2	43.3	44.0	(*)	6.3	6.3	5.8	6.4	-
30	RUBBER AND PLASTICS PRODUCTS, NEC.	41.4	40.7	40.8	40.9	40.5	4.1	3.7	4.1	4.1	-
301	Tires and inner tubes	43.6	42.4	42.3	43.5	(*)	6.2	5.6	5.5	5.9	-
302,3,6	Other rubber products	40.7	40.0	40.7	40.6	39.6	3.1	3.1	3.8	3.6	-
302	Rubber footwear	38.9	38.8	39.4	39.2	-	2.2	1.7	2.6	2.8	-
307	Miscellaneous plastics products	41.1	40.4	40.4	40.2	39.8	3.8	3.4	3.8	3.7	-
31	LEATHER AND LEATHER PRODUCTS	39.2	38.9	38.1	38.7	38.8	2.9	2.3	2.1	2.5	-
311	Leather tanning and finishing	40.2	38.5	39.9	39.6	(*)	3.3	2.5	3.2	3.3	-
314	Footwear, except rubber	39.3	39.3	38.3	39.2	(*)	2.9	2.2	2.1	2.7	-
312,3,5-7,9	Other leather products	38.6	38.0	36.9	37.2	37.1	2.6	2.4	1.7	1.6	-
316	Luggage	36.3	36.1	36.4	36.6	-	1.7	1.9	1.6	2.0	-
317	Handbags and personal leather goods..	38.6	38.0	36.5	37.3	-	2.5	2.5	1.5	1.4	-
-	TRANSPORTATION AND PUBLIC UTILITIES	40.8	40.7	40.7	41.2	41.2	-	-	-	-	-
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	44.5	43.0	45.4	(*)	-	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	42.2	42.6	42.3	42.2	-	-	-	-	-	-
413	Intercity highway transportation	40.2	40.3	41.1	(*)	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	42.6	42.3	41.8	42.8	-	-	-	-	-	-
421,3	Trucking and trucking terminals	42.7	42.5	41.9	43.0	-	-	-	-	-	-
422	Public warehousing	39.9	40.1	40.1	41.0	-	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	41.1	41.2	41.5	41.9	-	-	-	-	-	-
48	COMMUNICATION	39.5	39.9	39.3	40.1	-	-	-	-	-	-
481	Telephone communication	39.6	40.0	39.3	40.2	-	-	-	-	-	-
4817	Switchboard operating employees ³	34.5	35.3	34.8	35.4	-	-	-	-	-	-
4818	Line construction employees ⁴	44.0	44.2	43.5	44.5	-	-	-	-	-	-
482	Telegraph communication ⁵	41.7	42.4	42.8	(*)	-	-	-	-	-	-
483	Radio and television broadcasting	38.7	39.2	38.9	39.0	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	\$198.79	\$202.73	\$211.33	\$214.62	-	\$4.79	\$4.85	\$5.08	\$5.11	-
491	Electric companies and systems	202.66	207.13	214.85	219.96	-	4.86	4.92	5.14	5.20	-
492	Gas companies and systems	176.20	179.86	187.57	189.01	-	4.34	4.43	4.62	4.61	-
493	Combination companies and systems	222.49	225.88	237.30	240.41	-	5.31	5.34	5.65	5.67	-
494-7	Water, steam, & sanitary systems	164.74	165.15	173.86	174.28	-	3.96	3.97	4.12	4.12	-
-	WHOLESALE AND RETAIL TRADE	106.50	108.36	109.37	111.94	\$114.20	3.00	3.01	3.17	3.18	\$3.19
50	WHOLESALE TRADE	154.00	155.19	161.56	161.96	163.98	3.85	3.87	4.09	4.09	4.12
501	Motor vehicles & automotive equipment	145.84	145.89	152.80	153.16	-	3.61	3.62	3.82	3.81	-
502	Drugs, chemicals, and allied products	155.16	157.10	160.44	161.16	-	4.03	4.07	4.20	4.23	-
503	Dry goods and apparel	141.38	141.00	146.86	150.78	-	3.75	3.77	3.98	4.01	-
504	Groceries and related products	146.25	149.74	152.87	152.85	-	3.62	3.67	3.88	3.85	-
506	Electrical goods	161.82	159.53	168.09	168.09	-	3.89	3.91	4.07	4.07	-
507	Hardware, plumbing & heating equipment	145.60	144.54	149.73	152.80	-	3.64	3.65	3.81	3.82	-
508	Machinery, equipment, and supplies	168.09	170.15	175.67	178.61	-	4.13	4.14	4.37	4.41	-
509	Miscellaneous wholesalers	154.45	156.02	162.18	162.96	-	3.93	3.96	4.18	4.20	-
52-59	RETAIL TRADE	91.73	93.69	93.72	96.33	98.67	2.69	2.70	2.84	2.85	2.86
53	Retail general merchandise	84.36	85.94	85.91	89.10	-	2.62	2.62	2.71	2.75	-
531	Department stores	88.36	89.19	89.49	92.80	-	2.77	2.77	2.85	2.90	-
532	Mail order houses	110.49	111.07	114.20	117.94	-	2.90	2.90	3.07	3.12	-
533	Variety stores	63.93	67.52	64.97	67.79	-	2.11	2.13	2.21	2.23	-
54	Food stores	101.95	104.10	103.68	108.23	-	3.08	3.08	3.24	3.25	-
541-3	Grocery, meat, and vegetable stores	105.19	107.07	106.91	111.22	-	3.14	3.14	3.31	3.31	-
56	Apparel and accessory stores	79.53	80.60	78.39	81.27	-	2.47	2.48	2.57	2.58	-
561	Men's & boys' clothing & furnishings	95.60	99.86	96.90	99.81	-	2.82	2.92	2.91	2.91	-
562	Women's ready-to-wear stores	72.00	72.31	71.15	73.39	-	2.33	2.34	2.42	2.43	-
565	Family clothing stores	78.88	80.03	74.97	77.92	-	2.32	2.34	2.38	2.42	-
566	Shoe stores	78.37	78.40	77.96	81.17	-	2.48	2.45	2.67	2.61	-
57	Furniture and home furnishings stores	120.48	122.58	126.91	129.06	-	3.23	3.26	3.43	3.46	-
571	Furniture and home furnishings	121.92	122.90	128.71	130.85	-	3.26	3.26	3.46	3.48	-
58	Eating and drinking places ⁴	63.20	65.00	63.09	64.47	-	2.00	2.00	2.11	2.10	-
52,55,59	Other retail trade	114.30	116.27	118.35	121.02	-	3.00	3.02	3.19	3.21	-
52	Building materials and farm equipment	126.27	127.20	131.08	133.39	-	3.11	3.11	3.31	3.31	-
551,2	Motor vehicle dealers	153.85	154.31	160.40	164.03	-	3.78	3.81	4.00	4.05	-
553,9	Other automotive & accessory dealers	129.79	131.57	134.79	135.55	-	3.12	3.14	3.32	3.29	-
591	Drug stores and proprietary stores	82.48	84.55	82.93	86.77	-	2.53	2.57	2.71	2.72	-
594	Book and stationery stores	96.26	96.74	94.54	98.07	-	2.79	2.78	2.90	2.91	-
598	Fuel and ice dealers	128.85	129.12	135.04	135.72	-	3.40	3.38	3.64	3.60	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	127.60	129.03	131.73	132.09	134.65	3.43	3.45	3.57	3.57	3.61
60	Banking	111.53	113.63	112.42	113.71	-	2.99	3.03	3.08	3.09	-
61	Credit agencies other than banks	115.90	118.73	120.14	120.52	-	3.05	3.10	3.17	3.18	-
612	Savings and loan associations	112.98	117.06	117.07	117.39	-	3.07	3.13	3.19	3.19	-
62	Security, commodity brokers & services	221.26	226.44	231.04	230.20	-	5.99	6.12	6.08	6.09	-
63	Insurance carriers	131.35	132.08	136.16	135.53	-	3.55	3.56	3.70	3.71	-
631	Life insurance	132.49	133.95	136.86	136.49	-	3.62	3.63	3.76	3.76	-
632	Accident and health insurance	125.06	124.05	131.33	133.19	-	3.38	3.38	3.54	3.59	-
633	Fire, marine, and casualty insurance	133.14	133.14	138.01	138.75	-	3.56	3.56	3.71	3.74	-
-	SERVICES	107.39	109.27	112.55	114.55	116.90	3.14	3.14	3.32	3.33	3.34
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶	75.60	79.56	77.64	77.79	-	2.23	2.20	2.36	2.35	-
	Personal Services:										
721	Laundries and dry cleaning plants	86.39	87.11	90.62	91.85	-	2.42	2.44	2.56	2.58	-
722	Photographic studios	96.56	99.53	105.00	105.79	-	2.84	2.86	3.00	3.04	-
	Motion pictures:										
781	Motion picture filming & distributing	204.82	209.93	210.35	211.66	-	5.39	5.51	5.55	5.57	-
806	Hospitals	105.61	107.88	108.76	111.04	-	3.07	3.10	3.18	3.20	-

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

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

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

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

⁵ Data relate to nonsupervisory employees except messengers.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.5	41.8	41.6	42.0	-	-	-	-	-	
491	Electric companies and systems.....	41.7	42.1	41.8	42.3	-	-	-	-	-	
492	Gas companies and systems.....	40.6	40.6	40.6	41.0	-	-	-	-	-	
493	Combination companies and systems..	41.9	42.3	42.0	42.4	-	-	-	-	-	
494-7	Water, steam & sanitary systems.....	41.6	41.6	42.2	42.3	-	-	-	-	-	
-	WHOLESALE AND RETAIL TRADE.....	35.5	36.0	34.5	35.2	35.8	-	-	-	-	
50	WHOLESALE TRADE.....	40.0	40.1	39.5	39.6	39.8	-	-	-	-	
501	Motor vehicles & automotive equipment..	40.4	40.3	40.0	40.2	-	-	-	-	-	
502	Drugs, chemicals, and allied products...	38.5	38.6	38.2	38.1	-	-	-	-	-	
503	Dry goods and apparel.....	37.7	37.4	36.9	37.6	-	-	-	-	-	
504	Groceries and related products.....	40.4	40.8	39.4	39.7	-	-	-	-	-	
506	Electrical goods.....	41.6	40.8	41.3	41.3	-	-	-	-	-	
507	Hardware; plumbing & heating equipment	40.0	39.6	39.3	40.0	-	-	-	-	-	
508	Machinery, equipment, and supplies....	40.7	41.1	40.2	40.5	-	-	-	-	-	
509	Miscellaneous wholesalers.....	39.3	39.4	38.8	38.8	-	-	-	-	-	
52-59	RETAIL TRADE.....	34.1	34.7	33.0	33.8	34.5	-	-	-	-	
53	Retail general merchandise.....	32.2	32.8	31.7	32.4	-	-	-	-	-	
531	Department stores.....	31.9	32.2	31.4	32.0	-	-	-	-	-	
532	Mail order houses.....	38.1	38.3	37.2	37.8	-	-	-	-	-	
533	Variety stores.....	30.3	31.7	29.4	30.4	-	-	-	-	-	
54	Food stores.....	33.1	33.8	32.0	33.3	-	-	-	-	-	
541-3	Grocery, meat, and vegetable stores...	33.5	34.1	32.3	33.6	-	-	-	-	-	
56	Apparel and accessory stores.....	32.2	32.5	30.5	31.5	-	-	-	-	-	
561	Men's & boys' clothing & furnishings..	33.9	34.2	33.3	34.3	-	-	-	-	-	
562	Women's ready-to-wear stores.....	30.9	30.9	29.4	30.2	-	-	-	-	-	
565	Family clothing stores.....	34.0	34.2	31.5	32.2	-	-	-	-	-	
566	Shoe stores.....	31.6	32.0	29.2	31.1	-	-	-	-	-	
57	Furniture and home furnishings stores..	37.3	37.6	37.0	37.3	-	-	-	-	-	
571	Furniture and home furnishings.....	37.4	37.7	37.2	37.6	-	-	-	-	-	
58	Eating and drinking places ⁶	31.6	32.5	29.9	30.7	-	-	-	-	-	
52,55,59	Other retail trade.....	38.1	38.5	37.1	37.7	-	-	-	-	-	
52	Building materials and farm equipment	40.6	40.9	39.6	40.3	-	-	-	-	-	
551,2	Motor vehicle dealers.....	40.7	40.5	40.1	40.5	-	-	-	-	-	
553,9	Other automotive & accessory dealers..	41.6	41.9	40.6	41.2	-	-	-	-	-	
591	Drug stores and proprietary stores...	32.6	32.9	30.6	31.9	-	-	-	-	-	
594	Book and stationery stores.....	34.5	34.8	32.6	33.7	-	-	-	-	-	
598	Fuel and ice dealers.....	37.9	38.2	37.1	37.7	-	-	-	-	-	
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	37.2	37.4	36.9	37.0	37.3	-	-	-	-	
60	Banking.....	37.3	37.5	36.5	36.8	-	-	-	-	-	
61	Credit agencies other than banks.....	38.0	38.3	37.9	37.9	-	-	-	-	-	
612	Savings and loan associations.....	36.8	37.4	36.7	36.8	-	-	-	-	-	
62	Security, commodity brokers & services.	37.0	37.0	38.0	37.8	-	-	-	-	-	
63	Insurance carriers.....	37.0	37.1	36.8	36.8	-	-	-	-	-	
631	Life insurance.....	36.6	36.9	36.4	36.3	-	-	-	-	-	
632	Accident and health insurance.....	37.0	36.7	37.1	37.1	-	-	-	-	-	
633	Fire, marine, and casualty insurance..	37.4	37.4	37.2	37.1	-	-	-	-	-	
-	SERVICES.....	34.2	34.8	33.9	34.4	35.0	-	-	-	-	
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	33.9	34.8	32.9	33.1	-	-	-	-	-	
721	Personal Services: Laundries & dry cleaning plants.....	35.7	35.7	35.4	35.6	-	-	-	-	-	
722	Photographic studios.....	34.0	34.8	35.0	34.8	-	-	-	-	-	
781	Motion pictures: Motion picture filming & distributing..	38.0	38.1	37.9	38.0	-	-	-	-	-	
806	Hospitals.....	34.4	34.8	34.2	34.7	-	-	-	-	-	

⁶ Money payments only; tips, not included.⁷ Data for nonoffice salesmen excluded from all series in this division.⁸ Not available.

P= preliminary.

¹As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion of SIC 372. The series including these payments for Sept. 1971-June 1972 are shown below.

A 17-cent delayed payment for employees in a number of large companies is still pending as a consequence of litigation in the courts arising out of the Government's Economic Stabilization Program. When the issue is settled, these data will be revised, if necessary, to include this additional delayed payment.

Average hourly earnings September 1971-June 1972

SIC Code	1971				1972					
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
372	\$4.41	\$4.45	\$4.49	\$4.57	\$4.55	\$4.54	\$4.59	\$4.64	\$4.66	\$4.67
3721	4.49	4.54	4.60	4.65	4.63	4.59	4.65	4.74	4.73	4.74
3722	4.38	4.43	4.47	4.63	4.60	4.64	4.65	4.65	4.69	4.71
3723,9	4.24	4.24	4.23	4.30	4.27	4.32	4.37	4.40	4.44	4.45

**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						1973						
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
EXECUTIVE BRANCH													
Total employment	2,621.1	2,617.6	2,602.7	2,602.7	2,585.6	2,586.4	2,590.3	2,630.6	2,577.9	2,576.9	2,580.8	2,588.0	2,594.8
Average weekly hours	39.3	39.2	39.6	39.6	39.6	39.7	39.6	41.9	39.5	39.6	39.3	39.3	39.2
Average overtime hours	.9	.9	1.0	1.1	1.1	1.2	1.0	3.2	1.3	1.0	1.0	1.0	.9
Indexes (1967=100):													
Average weekly earnings	149.6	149.2	148.6	149.9	152.4	154.1	151.8	163.8	158.5	158.9	159.1	158.5	158.1
Average hourly earnings	150.0	150.0	147.8	149.2	151.6	153.0	151.1	154.1	158.1	158.1	159.5	158.9	158.9
DEPARTMENT OF DEFENSE													
Total employment	987.9	988.4	976.2	976.6	973.9	976.8	978.2	978.0	970.6	965.3	962.3	963.0	964.2
Average weekly hours	40.0	39.7	40.1	39.8	39.7	39.4	40.3	39.8	39.3	40.0	39.7	40.0	39.9
Average overtime hours	1.0	1.0	.9	.8	.8	.8	.8	.7	.7	.6	.7	.7	.7
Indexes (1967=100):													
Average weekly earnings	150.6	150.6	147.2	146.7	149.0	148.9	148.0	146.9	154.9	156.1	157.0	157.1	157.0
Average hourly earnings	151.8	152.9	148.0	148.5	151.2	152.3	148.0	148.8	158.9	157.2	159.4	158.3	158.6
POSTAL SERVICE													
Total employment	698.8	694.2	673.8	672.7	667.3	663.7	666.1	704.5	662.7	666.8	670.0	669.9	672.0
Average weekly hours	38.5	38.4	39.3	39.5	40.2	40.8	39.7	49.2	40.3	39.7	39.3	39.1	38.9
Average overtime hours	.8	.8	1.2	1.3	1.5	2.0	1.4	10.3	2.5	1.8	1.5	1.4	1.1
Indexes (1967=100):													
Average weekly earnings	150.8	151.3	154.3	161.6	164.5	168.5	163.7	218.8	168.1	168.1	167.3	166.1	164.7
Average hourly earnings	151.2	152.1	151.5	157.9	157.9	159.5	159.1	171.6	161.0	163.4	164.3	164.0	163.4
OTHER AGENCIES													
Total employment	934.4	935.0	952.7	953.4	944.4	945.9	946.0	948.1	944.6	944.8	948.5	955.1	958.6
Average weekly hours	39.0	39.3	39.4	39.5	39.1	39.2	38.9	38.8	39.1	39.1	38.8	38.8	38.6
Average overtime hours	.8	.9	1.0	1.2	1.0	1.0	.8	.7	.9	.9	.9	.9	1.0
Indexes (1967=100):													
Average weekly earnings	148.5	148.2	147.3	146.9	149.4	150.8	149.9	148.8	156.9	156.9	156.9	156.7	156.1
Average hourly earnings	147.8	146.3	145.0	144.3	148.3	149.3	149.5	148.8	155.7	155.7	156.9	156.7	156.9

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

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

Major industry group	Average hourly earnings excluding overtime ¹				
	June 1972	July 1972	May 1973	June ^p 1973	July ^p 1973
MANUFACTURING	\$3.63	\$3.63	\$3.85	\$3.85	\$3.88
DURABLE GOODS	3.86	3.85	4.08	4.09	4.11
Ordnance and accessories	3.93	3.95	4.09	4.09	-
Lumber and wood products	3.16	3.18	3.36	3.42	-
Furniture and fixtures	2.93	2.93	3.12	3.12	-
Stone, clay, and glass products	3.70	3.71	3.91	3.92	-
Primary metal industries	4.42	4.45	4.70	4.70	-
Fabricated metal products	3.81	3.81	4.01	4.03	-
Machinery, except electrical	4.07	4.06	4.27	4.27	-
Electrical equipment and supplies	3.54	3.55	3.68	3.70	-
Transportation equipment	4.48	4.43	4.73	4.75	-
Instruments and related products	3.59	3.60	3.73	3.72	-
Miscellaneous manufacturing industries	3.00	3.01	3.16	3.17	-
NONDURABLE GOODS	3.31	3.34	3.50	3.50	3.53
Food and kindred products	3.42	3.41	3.65	3.63	-
Tobacco manufactures	3.49	3.49	3.79	3.80	-
Textile mill products	2.58	2.58	2.75	2.74	-
Apparel and other textile products	2.54	2.53	2.69	2.69	-
Paper and allied products	3.70	3.75	3.90	3.92	-
Printing and publishing	(²)	(²)	(²)	(²)	-
Chemicals and allied products	4.03	4.07	4.24	4.27	-
Petroleum and coal products	4.73	4.76	4.98	5.02	-
Rubber and plastics products, n e c.	3.40	3.45	3.54	3.57	-
Leather and leather products	2.61	2.62	2.73	2.71	-

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

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

p = preliminary.

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

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
TOTAL PRIVATE:									
Current dollars	\$135.76	\$142.45	\$145.13	\$111.35	\$115.36	\$117.32	\$120.78	\$125.11	\$127.18
1967 dollars	108.61	108.33	109.61	89.08	87.73	88.61	96.62	95.14	96.06
MINING:									
Current dollars	186.62	195.46	200.45	149.35	153.95	157.62	161.14	166.12	170.01
1967 dollars	149.30	148.64	151.40	119.48	117.07	119.05	128.91	126.33	128.41
CONTRACT CONSTRUCTION:									
Current dollars	223.34	237.75	241.94	178.37	186.57	189.87	191.93	200.86	204.38
1967 dollars	178.67	180.80	182.73	142.70	141.88	143.41	153.54	152.75	154.37
MANUFACTURING:									
Current dollars	155.01	163.61	165.24	125.55	130.57	131.72	135.81	141.36	142.59
1967 dollars	124.01	124.42	124.80	100.44	99.29	99.49	108.65	107.50	107.70
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	186.86	201.87	205.18	149.54	158.65	161.07	161.34	171.12	173.70
1967 dollars	149.49	153.51	154.97	119.63	120.65	121.65	129.07	130.13	131.19
WHOLESALE AND RETAIL TRADE:									
Current dollars	106.50	109.37	111.94	89.57	91.03	92.96	97.59	99.17	101.20
1967 dollars	85.20	83.17	84.55	71.66	69.22	70.21	78.07	75.41	76.44
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	127.60	131.73	132.09	105.33	107.52	107.78	114.35	116.75	117.03
1967 dollars	102.08	100.17	99.77	84.26	81.76	81.40	91.48	88.78	88.39
SERVICES:									
Current dollars	107.39	112.55	114.55	90.24	93.42	94.92	98.30	101.68	103.27
1967 dollars	85.91	85.59	86.52	72.19	71.04	71.69	78.64	77.32	78.00
CONSUMER PRICE INDEX (All items, 1967 = 100).....	125.0	131.5	132.4	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1967 = 100

Industry division and group	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
	Man-hours				
TOTAL	108.7	108.2	110.0	113.2	113.2
GOODS-PRODUCING	100.6	97.8	102.5	106.1	104.5
MINING	99.9	98.8	97.9	102.7	102.9
CONTRACT CONSTRUCTION	113.9	115.7	109.5	119.4	123.4
MANUFACTURING	98.2	94.6	101.4	103.9	101.2
DURABLE GOODS	96.4	91.9	102.8	105.0	101.7
Ordnance and accessories	54.6	54.9	56.3	56.4	57.2
Lumber and wood products	109.1	106.8	105.9	111.1	109.0
Furniture and fixtures	110.1	105.8	112.3	116.4	110.9
Stone, clay, and glass products	110.2	109.1	113.2	116.3	115.7
Primary metal industries	95.6	93.2	102.2	104.3	104.1
Fabricated metal products	101.0	96.7	106.7	108.9	104.3
Machinery, except electrical	89.8	87.4	100.0	101.7	97.6
Electrical equipment	94.6	91.3	103.5	105.1	102.9
Transportation equipment	93.0	80.8	101.3	103.0	97.7
Instruments and related products	97.0	94.7	105.9	107.1	103.0
Miscellaneous manufacturing	99.2	93.5	98.8	100.9	93.9
NONDURABLE GOODS	101.0	98.5	99.4	102.4	100.7
Food and kindred products	99.6	102.2	91.8	96.8	100.8
Tobacco manufactures	66.7	65.1	67.9	70.4	71.4
Textile mill products	105.7	100.8	105.1	108.1	104.4
Apparel and other textile products	94.9	88.6	94.6	96.1	88.8
Paper and allied products	104.3	102.5	104.2	107.4	107.0
Printing and publishing	98.0	97.3	98.4	99.0	99.3
Chemicals and allied products	100.1	98.2	101.6	103.6	103.1
Petroleum and coal products	104.4	104.3	99.2	103.0	105.7
Rubber and plastics products, nec	124.5	119.3	131.6	136.3	130.9
Leather and leather products	91.6	86.1	84.0	87.9	82.2
SERVICE-PRODUCING	114.4	115.4	115.2	118.1	119.3
TRANSPORTATION AND PUBLIC UTILITIES	106.6	105.9	106.9	109.9	109.9
WHOLESALE AND RETAIL TRADE	112.2	113.0	112.1	115.1	116.3
WHOLESALE TRADE	110.3	110.9	110.3	113.4	114.1
RETAIL TRADE	112.9	113.8	112.8	115.7	117.1
FINANCE, INSURANCE, AND REAL ESTATE	121.7	123.0	121.8	123.8	126.0
SERVICES	118.9	120.7	121.3	124.3	125.8

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

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

1967 = 100

Industry division and group	June 1972	July 1972	May 1973	June 1973 ^P	July 1973 ^P
	Payrolls				
TOTAL	147.4	147.0	158.1	163.6	164.4
GOODS-PRODUCING	138.2	135.0	149.1	155.5	154.5
MINING	136.0	134.8	141.5	149.4	151.9
CONTRACT CONSTRUCTION	164.5	167.7	168.8	184.4	191.5
MANUFACTURING	131.6	126.6	144.4	148.3	145.1
DURABLE GOODS	129.3	122.7	146.4	150.1	145.7
Ordnance and accessories	70.1	70.7	74.9	74.7	76.0
Lumber and wood products	153.4	150.9	158.3	169.6	165.2
Furniture and fixtures	144.5	138.4	156.2	162.5	155.5
Stone, clay, and glass products	152.8	152.2	166.3	171.7	171.8
Primary metal industries	132.4	129.4	151.3	154.9	156.6
Fabricated metal products	134.8	129.0	150.9	155.0	148.2
Machinery, except electrical	120.0	116.2	141.2	143.6	137.0
Electrical equipment	124.5	120.4	142.4	145.2	142.9
Transportation equipment	127.1	108.8	147.5	151.1	143.6
Instruments and related products	126.2	123.1	143.6	144.6	138.7
Miscellaneous manufacturing	130.7	123.1	137.2	140.3	130.2
NONDURABLE GOODS	135.5	133.2	140.9	145.3	144.2
Food and kindred products	135.5	138.8	132.9	139.8	145.0
Tobacco manufactures	103.7	102.2	115.0	120.0	124.5
Textile mill products	139.7	132.8	148.1	152.0	146.9
Apparel and other textile products	121.2	112.6	127.6	129.9	119.3
Paper and allied products	142.4	141.8	149.5	155.2	156.4
Printing and publishing	133.5	133.2	140.0	140.7	142.1
Chemicals and allied products	135.3	133.7	144.8	148.5	148.9
Petroleum and coal products	144.3	144.9	144.8	150.9	154.8
Rubber and plastics products, nec	161.5	156.7	178.1	185.9	182.2
Leather and leather products	119.8	112.4	113.7	118.9	111.0
SERVICE-PRODUCING	155.3	157.3	165.9	170.6	172.8
TRANSPORTATION AND PUBLIC UTILITIES	151.0	152.5	163.7	169.3	170.3
WHOLESALE AND RETAIL TRADE	150.1	151.6	158.5	163.2	165.4
WHOLESALE TRADE	147.6	149.2	156.7	161.1	163.3
RETAIL TRADE	151.4	152.8	159.4	164.3	166.5
FINANCE, INSURANCE, AND REAL ESTATE	161.4	164.5	168.5	171.2	176.1
SERVICES	162.9	165.7	176.2	181.0	183.4

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

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

Industry	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^p	July ^p
TOTAL	37.2	37.1	37.3	37.3	37.2	37.0	36.9	37.2	37.1	37.2	37.2	37.2	37.3
MINING	42.2	42.5	42.7	42.5	42.4	41.8	41.5	42.0	41.9	41.7	42.5	42.8	42.8
CONTRACT CONSTRUCTION	37.0	37.0	36.9	37.4	36.9	35.8	36.1	36.2	37.0	37.0	37.5	37.4	37.4
MANUFACTURING	40.6	40.6	40.8	40.7	40.8	40.7	40.3	41.0	40.9	40.9	40.7	40.6	40.9
<i>Overtime hours</i>	3.4	3.5	3.6	3.6	3.7	3.8	3.7	3.9	3.9	4.1	3.9	3.8	3.8
DURABLE GOODS	41.2	41.3	41.4	41.4	41.7	41.5	41.3	42.0	41.6	41.8	41.6	41.4	41.6
<i>Overtime hours</i>	3.5	3.6	3.8	3.8	3.9	4.0	4.1	4.4	4.1	4.4	4.2	4.0	4.2
Ordnance and accessories	42.3	42.6	42.3	42.5	42.3	42.5	42.5	42.7	42.4	42.0	41.9	41.7	42.5
Lumber and wood products	41.1	41.2	41.3	41.0	41.0	39.8	39.9	40.7	41.0	41.1	40.7	40.8	40.9
Furniture and fixtures	40.4	40.5	40.5	40.3	40.3	40.0	39.0	40.6	40.6	40.4	40.1	40.1	40.3
Stone, clay, and glass products	41.9	41.9	42.0	42.1	41.8	41.6	41.1	42.2	42.3	42.3	42.3	42.1	42.5
Primary metal industries	41.5	41.6	41.9	42.2	42.7	42.4	42.4	42.4	42.1	42.2	41.9	41.9	42.9
Fabricated metal products	41.2	41.2	41.3	41.4	41.6	41.6	41.4	41.9	41.7	41.8	41.6	41.5	41.8
Machinery, except electrical	42.1	42.2	42.4	42.4	42.6	42.6	42.4	42.9	42.6	42.5	42.6	42.5	42.3
Electrical equipment and supplies	40.4	40.5	40.6	40.6	40.8	40.5	40.4	41.1	40.6	40.6	40.6	40.1	40.3
Transportation equipment	41.4	41.4	41.9	41.7	42.2	42.4	42.3	43.2	42.0	43.5	42.1	42.0	42.7
Instruments and related products	40.5	40.6	40.7	40.6	40.5	40.6	40.4	40.8	40.7	40.8	40.7	40.5	40.3
Miscellaneous manufacturing industries	39.3	39.4	39.5	39.3	39.3	39.1	38.7	39.4	39.3	39.0	39.1	39.0	38.8
NONDURABLE GOODS	39.6	39.7	39.8	39.8	39.8	39.6	39.1	39.7	39.8	39.8	39.6	39.6	39.8
<i>Overtime hours</i>	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.6	3.4	3.3	3.4
Food and kindred products	40.4	40.3	40.3	40.4	40.3	40.4	40.1	40.2	40.2	40.1	40.4	40.2	40.2
Tobacco manufactures	34.2	35.3	34.4	35.5	35.4	35.4	33.9	35.6	36.0	36.5	35.3	35.2	36.4
Textile mill products	41.2	41.3	41.4	41.3	41.3	41.2	39.5	41.2	41.3	41.6	40.9	40.8	41.2
Apparel and other textile products	35.9	36.0	36.2	36.2	36.1	35.7	34.5	36.0	36.2	36.1	36.0	35.9	36.3
Paper and allied products	42.8	43.0	42.9	42.9	43.1	42.9	42.5	43.0	43.1	42.8	42.8	42.7	42.8
Printing and publishing	37.9	37.9	38.2	38.0	38.2	37.7	37.8	38.0	38.0	38.0	38.0	37.8	38.0
Chemicals and allied products	41.8	41.8	41.9	42.0	41.9	41.9	41.6	42.0	42.0	41.9	42.0	42.1	42.2
Petroleum and coal products	41.7	41.8	42.3	42.3	42.4	42.2	41.9	41.9	42.0	41.9	42.1	41.7	41.9
Rubber and plastics products, nec	41.0	41.3	41.2	41.3	41.6	41.3	41.0	41.5	41.5	41.5	40.8	40.7	40.8
Leather and leather products	38.4	38.9	38.7	37.9	37.8	36.5	37.2	37.8	37.9	38.2	37.9	38.1	38.3
TRANSPORTATION AND PUBLIC UTILITIES	40.3	40.6	40.3	40.5	40.4	40.5	40.6	40.4	40.4	40.7	41.0	41.0	40.8
WHOLESALE AND RETAIL TRADE	35.1	35.0	35.0	35.1	35.0	35.1	34.9	35.0	34.8	34.8	34.8	34.9	34.9
WHOLESALE TRADE	39.9	39.6	39.9	39.8	39.8	39.7	39.7	39.7	39.7	39.5	39.7	39.5	39.6
RETAIL TRADE	33.6	33.6	33.6	33.5	33.5	33.6	33.4	33.5	33.4	33.4	33.4	33.5	33.4
FINANCE, INSURANCE, AND REAL ESTATE	37.3	37.1	37.2	37.2	37.0	37.1	37.0	37.1	37.0	37.2	37.0	37.0	37.2
SERVICES	34.2	34.1	34.2	34.2	34.1	34.0	34.1	34.1	34.0	34.1	34.2	34.4	34.4

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

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

Industry division and group	1967 = 100												
	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
TOTAL	106.4	106.9	107.5	108.1	108.4	108.2	108.4	109.8	109.9	110.4	110.8	111.1	111.2
GOODS-PRODUCING	97.6	98.4	99.2	100.1	100.5	99.8	99.5	102.1	102.4	102.9	103.1	103.4	103.7
MINING	96.1	97.0	97.8	97.8	97.4	95.8	95.9	97.5	96.9	96.2	98.0	99.1	99.8
CONTRACT CONSTRUCTION	104.7	106.2	106.2	107.9	105.0	99.7	101.4	105.0	107.9	106.5	109.7	110.6	111.6
MANUFACTURING	96.4	97.1	98.0	98.8	99.8	99.9	99.3	101.7	101.6	102.5	102.1	102.3	102.5
DURABLE GOODS	94.6	95.5	96.6	97.8	99.2	99.6	99.6	102.1	101.7	103.0	102.8	103.0	103.2
Ordnance and accessories	55.9	56.9	54.1	56.2	59.4	59.7	59.7	60.5	59.5	58.4	57.1	56.2	58.5
Lumber and wood products	104.0	104.4	104.7	104.3	105.1	102.6	103.0	105.9	106.7	107.1	105.7	105.8	106.0
Furniture and fixtures	109.2	110.0	110.5	110.8	111.6	111.3	109.2	114.3	114.8	114.8	113.4	115.2	114.5
Stone, clay, and glass products	106.6	106.8	107.0	108.7	108.3	107.6	106.5	111.0	111.9	111.9	112.9	112.2	113.0
Primary metal industries	92.3	94.8	97.5	99.1	100.5	100.6	100.4	100.6	99.3	100.1	100.5	101.2	103.0
Fabricated metal products	98.9	99.5	100.1	101.2	102.3	103.0	103.3	105.8	105.7	106.9	106.9	106.7	106.7
Machinery, except electrical	89.2	90.2	91.1	92.9	94.9	96.1	96.4	97.8	98.2	98.9	99.9	100.6	99.5
Electrical equipment	93.8	94.5	95.6	97.7	98.9	99.5	100.1	103.4	103.1	104.0	104.7	104.6	105.7
Transportation equipment	91.4	92.0	94.0	94.0	96.3	97.5	97.7	101.1	98.8	103.6	100.5	100.7	101.4
Instruments and related products	96.2	97.5	98.4	99.2	100.1	101.0	101.5	103.6	104.4	104.0	106.5	106.7	104.8
Miscellaneous manufacturing	97.2	98.1	98.6	98.7	99.6	99.1	98.3	101.3	101.0	100.3	100.5	99.7	97.7
NONDURABLE GOODS	99.1	99.5	100.0	100.4	100.7	100.4	98.8	101.2	101.6	101.7	101.1	101.3	101.3
Food and kindred products	98.7	96.9	97.4	97.8	97.2	97.8	97.5	98.0	97.8	97.3	97.3	97.1	97.4
Tobacco manufactures	74.4	70.6	65.2	68.6	70.9	73.3	70.2	76.3	79.6	80.8	78.1	77.9	81.8
Textile mill products	103.1	103.9	104.2	104.8	105.4	106.0	101.5	106.9	106.9	107.7	105.9	105.7	106.8
Apparel and other textile products	92.0	94.1	94.9	95.2	95.3	93.9	89.9	94.8	95.4	95.8	94.9	94.8	92.2
Paper and allied products	102.4	103.1	103.1	103.8	104.5	104.2	103.4	105.4	106.0	104.9	105.9	105.6	106.8
Printing and publishing	97.8	98.1	99.0	98.7	99.2	98.0	98.6	99.0	99.0	99.3	99.0	98.9	99.7
Chemicals and allied products	98.3	98.5	99.6	100.2	100.3	100.4	99.7	100.2	101.0	100.9	101.7	102.3	103.6
Petroleum and coal products	98.9	100.0	101.2	102.0	103.2	102.7	101.9	98.5	100.5	98.5	99.0	99.8	100.2
Rubber and plastics products, nec	122.1	123.7	124.2	127.0	129.9	130.0	130.3	133.7	134.2	135.4	131.9	134.8	133.9
Leather and leather products	87.1	88.3	87.5	85.3	84.1	80.9	81.2	82.2	82.7	84.3	83.7	84.5	83.3
SERVICE-PRODUCING	112.5	112.8	113.2	113.6	113.8	114.1	114.5	115.2	115.1	115.7	116.1	116.4	116.4
TRANSPORTATION AND PUBLIC UTILITIES	103.6	104.5	104.1	105.6	105.6	106.0	106.6	106.1	106.0	107.0	107.9	107.8	107.5
WHOLESALE AND RETAIL TRADE	110.3	110.6	111.2	111.2	111.7	112.0	112.0	113.1	113.2	113.4	113.7	113.7	113.6
WHOLESALE TRADE	109.2	108.9	109.9	110.1	110.3	110.1	111.0	111.4	111.7	111.5	112.2	112.3	112.4
RETAIL TRADE	110.7	111.2	111.6	111.6	112.3	112.8	112.4	113.7	113.7	114.1	114.3	114.2	114.0
FINANCE, INSURANCE, AND REAL ESTATE	120.4	120.3	120.9	121.2	120.9	121.4	121.1	122.0	122.0	122.8	122.3	122.3	123.2
SERVICES	117.2	117.3	117.9	118.3	118.4	118.4	119.6	120.2	120.0	120.7	121.4	122.4	122.3

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

p= preliminary.

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

Industry division	Annual rate, millions of man-hours ²			Percent change ³		
	May 1973	June 1973p	July 1973p	July 1972 to July 1973	May 1973 to June 1973	June 1973 to July 1973
	TOTAL - ALL INDUSTRIES	147,503	147,652	148,093	4.1	1.2	3.6
TOTAL - PRIVATE	119,837	120,181	120,312	4.4	3.5	1.3
MINING	1,344	1,364	1,369	3.7	20.0	3.9
CONTRACT CONSTRUCTION	7,059	7,099	7,145	5.9	6.9	8.1
MANUFACTURING	41,582	41,675	41,662	5.4	2.7	-0.4
TRANSPORTATION AND PUBLIC UTILITIES	9,792	9,784	9,762	3.9	-1.0	-2.7
WHOLESALE AND RETAIL TRADE	29,559	29,567	29,569	3.1	0.3	0.1
FINANCE, INSURANCE, AND REAL ESTATE	7,781	7,790	7,832	2.7	1.5	6.7
SERVICES	22,721	22,902	22,973	4.8	10.0	3.8
GOVERNMENT	27,666	27,472	27,781	2.8	-8.1	14.4

¹ Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See BLS Handbook of Methods for Surveys and Studies—Chapter 22, Output Per Man-Hour Measures, Private Economy.

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

³ Percent change compounded at annual rates.

p=preliminary.

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

NOTE: Details may not add to totals because of rounding.

**OUTPUT PER MAN-HOUR
SEASONALLY ADJUSTED**

100

**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										
	1971	1972	1970	1971				1972				1973	
			IV	I	II	III	IV	I	II	III	IV	I	II
Total private:													
Output per man-hour	108.7	112.8	105.3	107.5	108.0	109.3	110.1	110.7	112.5	113.3	114.8	115.9	115.9
Output	110.9	118.1	106.7	109.2	110.1	111.1	113.1	114.5	117.4	119.1	121.5	124.2	125.1
Man-hours	120.0	104.7	101.3	101.6	101.9	101.7	102.7	103.5	104.4	105.1	105.9	107.1	107.9
Compensation per man-hour ¹	133.3	142.4	127.6	130.1	132.2	134.7	136.1	139.4	141.4	143.1	145.7	149.0	151.6
Real compensation per man-hour ²	109.9	113.7	107.6	108.8	109.4	110.4	111.0	112.7	113.4	113.8	114.8	115.8	115.3
Unit labor costs	122.6	126.2	121.2	121.0	122.4	123.3	123.6	125.9	125.7	126.3	126.9	128.5	130.9
Unit nonlabor payments ³	111.7	114.8	106.9	110.3	111.8	112.4	112.5	112.6	114.1	115.4	117.0	118.9	120.8
Implicit price deflator ⁴	118.4	121.8	115.6	116.9	118.2	119.1	119.3	120.7	121.2	122.0	123.1	124.8	126.9
Private nonfarm:													
Output per man-hour	107.6	112.1	104.0	106.1	107.0	108.1	109.1	109.8	111.3	112.9	114.2	115.6	115.5
Output	111.0	118.7	106.7	109.2	110.2	111.2	113.3	114.9	117.9	119.9	122.3	125.1	126.3
Man-hours	103.2	106.0	102.5	102.9	103.0	102.9	103.8	104.6	105.9	106.2	107.1	108.2	109.4
Compensation per man-hour ¹	131.8	140.9	126.0	128.4	130.9	133.1	134.6	137.8	139.5	141.8	144.2	147.9	149.9
Real compensation per man-hour ²	108.6	112.4	106.3	107.4	108.3	109.0	109.7	111.4	111.9	112.7	113.6	114.9	114.0
Unit labor costs	122.5	125.7	121.1	120.9	122.3	123.1	123.3	125.5	125.3	125.6	126.2	127.9	129.8
Unit nonlabor payments ³	112.1	114.0	107.4	110.9	111.9	113.0	112.6	112.5	113.5	114.5	115.8	116.4	117.7
Implicit price deflator ⁴	118.5	121.3	115.9	117.1	118.4	119.3	119.3	120.6	120.8	121.4	122.3	123.6	125.2
Manufacturing:													
Output per man-hour	115.6	121.8	108.9	113.7	115.9	116.4	116.4	119.3	121.3	122.7	123.7	124.9	126.3
Output ⁵	108.9	118.6	102.2	107.4	109.3	109.0	109.8	113.7	117.7	119.8	123.2	126.3	128.8
Man-hours	94.2	97.4	93.9	94.5	94.3	93.6	94.4	95.3	97.0	97.6	99.6	101.1	102.0
Compensation per man-hour ¹	130.7	139.0	125.3	128.3	130.0	131.7	132.9	136.4	138.1	139.6	141.9	145.6	148.6
Real compensation per man-hour ²	107.8	110.9	105.6	107.4	107.6	108.0	108.3	110.3	110.7	110.9	111.8	113.1	113.0
Unit labor costs	113.1	114.1	115.1	112.8	112.1	113.1	114.2	114.4	113.8	113.8	114.7	116.5	117.6
Nonfinancial corporations:													
Output per man-hour	113.4	117.9	108.1	113.3	112.5	114.3	115.3	116.6	117.3	118.3	119.3	121.4	n.a.
Output	113.5	121.9	107.7	111.4	112.8	113.7	115.9	118.5	120.9	122.4	125.5	129.0	n.a.
Man-hours	100.1	103.4	99.7	100.1	100.2	99.5	100.6	101.6	103.1	103.5	105.2	106.2	n.a.
Compensation per man-hour ¹	132.3	141.3	126.5	129.2	131.2	133.9	135.1	138.8	140.2	142.3	144.0	148.2	n.a.
Real compensation per man-hour ²	109.1	112.8	106.7	108.1	108.7	109.7	110.1	112.2	112.5	113.1	113.5	115.1	n.a.
Total unit costs ⁶	119.3	121.6	119.9	118.8	119.1	119.7	119.8	120.8	121.5	121.8	122.1	123.0	n.a.
Unit labor costs	116.7	119.9	117.1	116.1	116.6	117.1	117.2	119.1	119.6	120.2	120.7	122.0	n.a.
Unit nonlabor costs ⁷	127.2	126.7	128.7	127.0	126.5	127.6	127.6	126.3	127.3	126.5	126.6	125.9	n.a.
Unit profits ⁸	80.2	84.8	67.2	78.5	81.1	81.0	80.0	83.0	82.6	84.9	89.0	91.4	n.a.
Implicit price deflator ⁴	113.4	116.0	112.0	112.7	113.3	113.9	113.8	115.1	115.6	116.2	117.1	118.2	n.a.

¹ 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.

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

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

⁴ Current dollar gross product divided by constant dollar gross product.

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

⁶ Total unit costs is the sum of unit labor costs and unit nonlabor costs.

⁷ Includes depreciation, interest, and indirect taxes.

⁸ Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

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.

NOTE: Man-hour data underlying these indexes have been revised to reflect seasonal factors derived from seasonal experience through March 1973. Data has been revised to reflect new GNP benchmarks.

**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 ¹

Item	Quarterly percent change						Annual percent change					
	IV 1971 to I 1972	I to II 1972	II to III 1972	III to IV 1972	IV 1972 to I 1973	I 1973 to II 1973	I 1971 to I 1972	II 1971 to II 1972	III 1971 to III 1972	IV 1971 to IV 1972	I 1972 to I 1973	II 1972 to II 1973
	Total private:											
Output per man-hour	2.1	6.5	3.1	5.2	4.1	-0.2	3.0	4.1	3.7	4.2	4.7	3.0
Output	5.4	10.4	5.8	8.4	9.3	2.7	4.9	6.6	7.2	7.5	8.5	6.5
Man-hours	3.2	3.6	2.6	3.0	5.0	2.9	1.8	2.4	3.3	3.1	3.6	3.4
Compensation per man-hour ²	9.9	5.9	4.9	7.4	9.5	7.2	7.2	7.0	6.3	7.0	6.9	7.2
Real compensation per man-hour ³	6.3	2.8	1.2	3.6	3.5	-1.5	3.5	3.7	3.1	3.5	2.8	1.7
Unit labor costs	7.6	-0.5	1.7	2.0	5.2	7.4	4.0	2.8	2.4	2.6	2.1	4.1
Unit nonlabor payments ⁴	0.5	5.4	4.6	6.0	6.6	6.4	2.1	2.1	2.6	4.1	5.6	5.9
Implicit price deflator ⁵	4.9	1.5	2.8	3.5	5.7	7.0	3.3	2.5	2.5	3.2	3.4	4.7
Private nonfarm:												
Output per man-hour	2.5	5.7	5.6	4.7	5.0	-0.3	3.5	4.1	4.4	4.6	5.3	3.7
Output	5.6	11.0	7.0	8.3	9.2	4.1	5.2	7.0	7.8	8.0	8.9	7.1
Man-hours	3.0	5.0	1.3	3.4	4.0	4.4	1.7	2.8	3.2	3.2	3.4	3.3
Compensation per man-hour ²	9.9	5.2	6.7	6.8	10.7	5.6	7.3	6.6	6.6	7.1	7.3	7.4
Real compensation per man-hour ³	6.3	2.0	2.9	3.1	4.6	-3.0	3.7	3.3	3.4	3.6	3.2	1.9
Unit labor costs	7.2	-0.5	1.0	2.0	5.4	5.9	3.7	2.4	2.0	2.4	1.9	3.6
Unit nonlabor payments ⁴	-0.4	3.7	3.6	4.4	2.4	4.3	1.4	1.4	1.4	2.8	3.5	3.7
Implicit price deflator ⁵	4.4	1.0	1.9	2.9	4.3	5.3	2.9	2.1	1.8	2.5	2.5	3.6
Manufacturing:												
Output per man-hour	10.5	6.9	4.6	3.4	4.0	4.6	4.9	4.7	5.4	6.3	4.7	4.1
Output ⁶	15.0	14.8	7.3	11.8	10.5	8.2	5.9	7.7	9.9	12.2	11.1	9.4
Man-hours	4.1	7.4	2.6	8.2	6.2	3.4	0.9	2.9	4.3	5.5	6.1	5.1
Compensation per man-hour ²	11.1	4.9	4.4	6.8	10.8	8.5	6.3	6.2	5.9	6.8	6.7	7.6
Real compensation per man-hour ³	7.6	1.6	0.8	3.2	4.7	-0.4	2.7	2.9	2.7	3.2	2.6	2.0
Unit labor costs	0.6	-1.9	-0.2	3.3	6.5	3.8	1.3	1.5	0.5	0.4	1.9	3.3
Nonfinancial corporations:												
Output per man-hour	4.7	2.5	3.6	3.4	7.3	n.a.	4.7	4.3	3.6	3.5	4.2	n.a.
Output	9.0	8.6	5.1	10.4	11.6	n.a.	6.4	7.2	7.7	8.3	8.9	n.a.
Man-hours	4.1	6.0	1.5	6.8	4.0	n.a.	1.6	2.9	4.0	4.6	4.5	n.a.
Compensation per man-hour ²	11.5	4.2	5.9	4.9	12.1	n.a.	7.4	6.9	6.3	6.6	6.7	n.a.
Real compensation per man-hour ³	7.9	1.0	2.2	1.3	5.9	n.a.	3.8	3.5	3.1	3.1	2.6	n.a.
Total unit costs ⁷	3.6	2.0	1.1	1.1	2.8	n.a.	1.8	2.0	1.7	2.0	1.8	n.a.
Unit labor costs	6.5	1.6	2.3	1.4	4.4	n.a.	2.6	2.5	2.7	3.0	2.5	n.a.
Unit nonlabor costs ⁸	-4.2	3.1	-2.4	0.3	-2.0	n.a.	-0.6	0.6	-0.9	-0.8	-0.3	n.a.
Unit profits ⁹	15.6	-2.0	12.0	20.4	11.6	n.a.	5.7	1.9	4.9	11.2	10.2	n.a.
Implicit price deflator ⁵	4.9	1.6	2.2	3.2	3.8	n.a.	2.2	2.0	2.1	2.9	2.7	n.a.

¹ Computed from seasonally-adjusted original data, not from indexes.

² 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.

³ Compensation per man-hour adjusted for changes in the Consumer Price Index.

⁴ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁵ Current dollar gross product divided by constant dollar gross product.

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

⁷ Total unit costs is the sum of unit labor costs and unit nonlabor costs.

⁸ Includes depreciation, interest, and indirect taxes.

⁹ Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

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.

NOTE: Man-hour data underlying these indexes have been revised to reflect seasonal factors derived from seasonal experience through March 1973. Data has been revised to reflect new GNP benchmarks.

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

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private ²		Mining		Contract construction		Manufacturing	
1964 -----	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.1
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: 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	137.7	108.5
December ----	141.9	111.4	141.6	111.2	151.8	119.2	139.2	109.4
1973: January ----	142.6	111.7	142.5	111.6	153.7	120.3	140.1	109.7
February ----	142.8	111.0	141.6	110.1	150.9	117.4	140.1	109.0
March -----	143.2	110.3	142.4	109.7	150.9	116.3	140.7	108.4
April -----	144.4	110.5	144.1	110.2	152.2	116.4	141.4	108.1
May -----	144.9	110.2	144.5	109.9	153.8	117.0	142.0	108.0
June ^P -----	145.5	109.9	145.5	109.9	154.5	116.7	142.3	107.4
July ^P -----	146.1	(*)	146.8	(*)	155.3	(*)	142.7	(*)
Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964 -----	89.4	96.2	87.3	93.9	89.2	96.0	86.3	92.9
1965 -----	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966 -----	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967 -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 -----	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969 -----	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970 -----	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: 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 ----	149.2	117.5	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 ----	150.7	118.0	138.7	108.6	137.4	107.6	141.9	111.1
February ----	151.7	118.0	139.5	108.5	138.1	107.4	142.4	110.7
March -----	151.3	116.7	140.2	108.0	137.5	106.0	143.3	110.4
April -----	153.8	117.7	141.5	108.3	139.1	106.5	144.3	110.4
May -----	153.3	116.6	142.1	108.1	138.7	105.4	144.7	110.1
June ^P -----	153.9	116.3	142.7	107.8	139.1	105.0	145.9	110.2
July ^P -----	154.9	(*)	143.1	(*)	140.6	(*)	146.5	(*)

¹ Production and nonsupervisory workers.

² Prior data are as follows:

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

* Not available.

p = preliminary.

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

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

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

Measure	Percent change over 4-quarter period ¹ ending in--								
	1971			1972			1973		
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June ^P
Average hourly compensation:									
All persons, total private economy	7.1	6.8	6.7	7.2	7.0	6.3	7.0	6.9	7.2
All employees, private nonfarm economy:									
Current dollars	7.2	6.8	6.7	7.3	6.6	6.5	6.9	7.2	7.4
1967 dollars	2.7	2.4	3.1	3.6	3.3	3.3	3.4	3.0	1.9
Average hourly earnings, private nonfarm economy ² :									
Mining	6.9	6.6	6.5	6.5	6.2	6.0	6.7	6.2	6.3
Contract construction	6.5	6.7	2.2	8.1	7.3	6.6	10.7	5.5	6.3
Manufacturing	9.0	8.3	8.2	7.7	6.8	5.4	6.4	6.6	6.1
Transportation and public utilities	6.2	5.7	6.4	6.0	6.5	6.6	7.7	6.9	6.5
Wholesale and retail trade	8.8	9.5	9.6	10.1	10.5	9.9	11.1	9.1	8.7
Finance, insurance, and real estate	5.9	5.6	5.4	5.6	4.9	5.0	5.4	4.9	5.8
Services	7.8	6.9	5.5	5.6	4.8	4.6	5.4	4.4	4.1
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	7.4	6.9	6.6	6.6	6.2	6.0	6.5	5.7	5.9
1967 dollars	2.9	2.5	3.0	3.0	3.0	2.8	3.0	1.6	.4
Mining	5.8	6.4	4.7	8.3	7.4	7.0	8.1	5.8	6.8
Contract construction	8.9	8.2	8.0	7.8	6.6	5.4	6.2	6.2	6.0
Manufacturing	6.8	6.4	6.2	6.3	6.1	5.8	6.4	5.5	5.5
Transportation and public utilities	9.1	9.0	9.8	9.8	10.6	10.5	11.2	9.4	8.7
Wholesale and retail trade	6.4	6.0	5.7	5.6	5.0	5.0	5.5	5.1	5.8
Finance, insurance, and real estate	7.7	6.8	5.4	5.4	5.0	4.9	5.6	4.8	4.5
Services	8.0	7.2	6.1	6.2	5.5	5.0	5.7	4.7	5.5
Average hourly earnings, all Federal executive branch employees ²	8.6	7.2	3.8	6.7	7.2	7.7	9.4	6.7	(*)
Average union scales, 7 building trades: <u>4/</u>									
Wages and selected benefits	12.2	11.7	10.8	11.1	7.3	8.0	7.9	6.9	(*)
Hourly wage rates	11.4	11.0	10.1	10.4	6.1	6.8	6.9	5.7	(*)
Wage rates, hired farm labor	5.4	5.3	3.5	4.6	5.7	7.3	9.0	7.2	9.2
Average weekly earnings, private nonfarm economy: ²									
Current dollars	6.5	6.2	7.0	6.8	6.6	6.7	6.9	6.1	6.4
1967 dollars	2.0	1.8	3.5	3.1	3.4	3.5	3.4	1.9	.9
Real spendable earnings (worker and 3 dependents, 1967 dollars)	2.9	2.7	4.3	3.9	4.1	4.3	4.1	.5	-.6

¹ Current quarter divided by comparable quarter a year earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted.

⁴ Changes subsequent to June 1971 based on data before seasonal adjustment.

* Not available.

p= preliminary.

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								
	1971			1972			1973		
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June ^P
Average hourly compensation:									
All persons, total private economy	6.6	7.7	4.4	9.9	5.9	4.9	7.4	9.5	7.2
All employees, private nonfarm economy:									
Current dollars	7.9	6.8	4.7	9.8	5.2	6.4	6.5	10.8	6.0
1967 dollars	3.3	2.6	2.4	6.1	2.0	2.7	2.8	4.7	-2.6
Average hourly earnings, private nonfarm economy ¹ :									
Mining	7.8	6.0	4.7	7.4	6.5	5.3	7.5	5.5	7.2
Contract construction	7.2	7.8	-9.6	30.8	4.1	5.0	4.9	8.0	7.2
Manufacturing	8.7	9.3	6.2	6.8	5.0	3.8	10.0	7.5	3.2
Transportation and public utilities	5.0	5.0	3.4	10.7	7.0	5.4	7.9	7.4	5.5
Wholesale and retail trade	7.1	11.7	7.7	13.9	8.9	9.0	12.5	6.2	7.3
Finance, insurance, and real estate	6.3	5.7	3.7	6.6	3.6	5.9	5.4	4.9	7.0
Services	9.5	3.7	2.0	7.4	6.0	3.1	5.1	3.5	4.6
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	7.0	6.4	4.8	8.3	5.6	5.3	7.1	5.0	6.5
1967 dollars	2.8	2.4	2.2	4.5	2.9	1.6	3.0	-1.0	-1.8
Mining	7.4	7.8	-5	19.2	4.2	6.0	4.0	9.3	8.2
Contract construction	9.4	8.7	6.2	7.1	4.3	4.1	9.3	7.1	3.7
Manufacturing	6.3	6.0	4.0	8.9	5.5	5.1	6.1	5.2	5.7
Transportation and public utilities	7.3	9.3	9.0	13.6	10.5	9.0	11.5	6.4	7.8
Wholesale and retail trade	7.0	5.2	3.9	6.5	4.4	5.3	5.7	5.0	7.2
Finance, insurance, and real estate	9.0	3.9	1.9	6.8	7.4	3.8	4.5	3.6	6.3
Services	6.9	5.7	4.4	8.0	4.1	3.5	7.2	4.1	7.3
Average hourly earnings, all Federal executive branch employees ²	1.6	-2.8	2.3	6.4	3.3	-.8	8.8	3.8	(*)
Average union scales, 7 building trades: <u>3/</u>									
Wages and selected benefits	15.9	4.9	5.4	5.6	13.3	7.7	5.3	1.7	(*)
Hourly wage rates	15.8	4.0	3.9	5.6	11.3	6.5	4.4	.8	(*)
Wage rates, hired farm labor	4.7	7.0	-2.3	9.4	9.1	13.6	4.3	2.1	17.5
Average weekly earnings, private nonfarm economy: ¹									
Current dollars	7.8	5.2	6.2	7.8	7.3	5.6	7.1	4.3	8.8
1967 dollars	3.6	1.2	3.9	4.1	4.5	1.9	3.0	-1.7	.4
Real spendable earnings (worker and 3 dependents, 1967 dollars)	2.7	.7	3.0	9.4	3.7	1.3	2.2	-5.0	-.7

¹ Production and nonsupervisory workers.

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

³ Changes subsequent to June 1971 based on data before seasonal adjustment.

* Not available.

p= preliminary.

r= revised.

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

EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED

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

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Average hourly earnings, private nonfarm economy ²	5.8	6.1	6.0	6.9	6.9	6.2	6.2	6.2	6.1	6.1	6.4	6.6	6.8
Mining	7.3	6.3	6.3	12.5	13.6	6.3	6.0	5.1	5.3	5.5	6.5	6.9	8.0
Contract construction	5.4	5.4	5.5	5.9	6.2	7.2	7.8	6.1	5.9	5.8	5.5	7.0	7.0
Manufacturing	5.9	6.7	7.2	7.8	8.4	7.1	7.6	6.7	6.4	6.6	6.3	6.6	7.1
Transportation and public utilities	9.9	10.4	9.3	11.4	11.6	10.2	9.2	9.6	8.6	9.0	8.5	8.7	7.5
Wholesale and retail trade	4.9	4.8	5.2	5.5	5.5	5.1	4.4	5.1	5.4	5.4	6.0	6.0	6.0
Finance, insurance, and real estate	4.9	3.9	5.1	5.1	5.8	5.4	4.1	4.7	4.4	4.1	4.1	4.1	4.6
Services	5.3	5.0	5.6	5.9	6.2	5.8	4.8	4.8	5.1	5.1	5.4	6.0	6.3
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	6.1	5.8	6.0	6.6	6.8	6.3	5.8	5.7	5.7	5.7	5.9	6.2	6.1
1967 dollars	3.0	2.7	2.7	3.1	3.1	2.8	2.1	1.7	1.0	.5	.4	.3	(*)
Mining	8.0	6.6	6.4	9.0	9.1	6.4	6.0	5.6	5.9	6.2	7.1	7.2	7.5
Contract construction	5.3	5.3	5.6	6.0	5.8	6.8	7.4	5.6	5.5	5.7	5.7	6.8	7.0
Manufacturing	5.8	5.7	6.0	6.4	6.9	5.8	5.6	5.3	5.4	5.4	5.5	5.6	5.7
Transportation and public utilities	10.9	10.7	10.0	11.4	11.6	10.5	9.5	9.8	8.8	9.0	8.3	8.8	7.7
Wholesale and retail trade	5.0	4.7	5.3	5.5	5.6	5.3	4.7	5.2	5.4	5.5	5.9	6.0	5.9
Finance, insurance, and real estate	5.2	4.3	5.3	5.6	5.8	5.5	4.6	5.3	4.6	4.3	4.5	4.8	5.1
Services	5.1	4.7	5.1	5.8	5.6	5.6	4.5	4.5	5.1	4.9	5.3	6.2	5.9
Average hourly earnings, all Federal executive branch employees ³	8.3	7.2	7.7	11.0	9.8	7.4	7.6	6.2	6.3	6.3	5.9	(*)	(*)
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.7	6.4	7.2	7.7	7.2	5.9	5.9	6.2	6.1	5.8	6.6	6.9	7.1
1967 dollars	3.5	3.3	3.8	4.2	3.5	2.5	2.2	2.2	1.4	.6	1.1	.9	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.3	4.1	4.5	4.8	4.2	3.3	.8	.8	(4)	-.8	-.4	-.5	(*)

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

* Not available.
p= preliminary.

NOTE: See technical descriptor 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 ¹ ending in--												
	1972						1973						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Average hourly earnings, private nonfarm economy ²	5.7	6.3	5.6	6.2	6.2	6.7	6.7	6.1	6.6	6.0	6.5	6.5	7.0
Mining	3.3	5.2	5.2	2.8	4.7	7.5	8.8	5.1	5.5	8.3	8.3	6.3	7.1
Contract construction	3.8	4.8	4.8	5.1	6.1	9.5	12.0	7.4	7.0	6.6	4.9	4.5	2.2
Manufacturing	5.5	6.6	6.5	6.5	5.9	7.5	9.7	6.9	6.3	6.8	6.8	5.7	4.6
Transportation and public utilities	9.2	10.1	7.6	10.8	10.3	11.2	9.2	9.2	9.6	7.2	6.8	6.3	5.8
Wholesale and retail trade	4.1	4.8	5.5	4.7	6.1	6.1	4.7	5.4	5.3	6.0	5.9	5.9	7.2
Finance, insurance, and real estate	3.6	4.8	5.4	2.9	4.1	5.3	4.7	4.7	3.5	5.2	4.1	2.9	4.6
Services	3.2	3.2	4.5	4.5	5.8	7.1	6.4	6.4	5.7	5.7	5.0	5.0	6.2
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.3	5.5	5.6	5.7	5.9	6.9	6.4	5.9	5.8	5.8	5.8	5.6	5.8
1967 dollars	2.0	2.6	2.0	1.8	2.1	2.9	2.2	.9	-.1	-.7	-1.3	-2.2	(*)
Mining	4.4	5.5	5.2	3.4	4.7	6.8	7.6	5.6	6.5	9.1	9.5	7.6	7.4
Contract construction	3.4	4.5	4.8	5.6	5.9	8.6	11.6	6.8	6.3	5.8	5.4	5.1	2.5
Manufacturing	5.2	5.2	5.5	5.6	5.4	5.7	6.1	5.4	5.4	5.2	5.6	5.5	5.3
Transportation and public utilities	9.9	10.5	8.9	9.2	10.2	11.5	9.1	9.1	8.7	8.8	6.5	6.1	6.4
Wholesale and retail trade	4.5	4.8	5.2	5.1	5.5	5.9	5.0	5.5	5.9	6.3	6.0	6.0	6.7
Finance, insurance, and real estate	4.8	5.7	6.3	3.0	4.1	5.4	4.4	4.9	2.9	5.6	4.9	4.2	5.8
Services	3.3	3.4	4.6	4.1	5.4	6.6	5.7	5.7	5.5	5.8	5.3	5.8	6.0
Average hourly earnings, all Federal executive branch employees ³	1.1	.4	2.1	4.7	1.5	5.5	7.0	6.0	5.2	3.9	5.2	(*)	(*)
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.9	5.7	6.8	6.2	6.8	6.2	5.0	6.7	5.5	5.4	6.5	7.7	9.4
1967 dollars	3.5	2.9	3.2	2.3	2.9	2.2	.8	1.6	-.4	-1.1	-.6	-.3	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	2.8	2.2	2.5	1.6	2.2	1.5	-1.2	-.6	-2.5	-3.1	-2.8	-2.6	(*)

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

* Not available.
p= preliminary.

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

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

Measure	1972						1973						
	3rd quarter			4th quarter			1st quarter			2nd quarter			3rd quarter
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Levels													
Average hourly earnings, private nonfarm economy ¹	\$ 3.65	\$ 3.67	\$ 3.69	\$ 3.73	\$ 3.73	\$ 3.75	\$ 3.77	\$ 3.78	\$ 3.81	\$ 3.84	\$ 3.85	\$ 3.87	\$ 3.90
Mining	4.39	4.41	4.42	4.41	4.44	4.53	4.58	4.52	4.54	4.59	4.62	4.67	4.74
Contract construction	6.02	6.07	6.10	6.15	6.19	6.39	6.37	6.29	6.31	6.35	6.34	6.43	6.44
Manufacturing	3.79	3.83	3.86	3.88	3.89	3.93	3.97	3.96	3.98	4.01	4.02	4.04	4.06
Transportation and public utilities	4.65	4.69	4.70	4.80	4.81	4.85	4.86	4.90	4.92	4.97	4.97	5.00	5.00
Wholesale and retail trade	3.02	3.03	3.05	3.06	3.07	3.09	3.09	3.11	3.13	3.15	3.16	3.18	3.20
Finance, insurance, and real estate	3.45	3.45	3.48	3.49	3.49	3.53	3.53	3.53	3.54	3.58	3.56	3.58	3.61
Services	3.16	3.17	3.21	3.23	3.24	3.27	3.26	3.30	3.32	3.32	3.32	3.35	3.36
Wage rates, hired farm labor (quarterly data)	1.85	-	-	1.91	-	-	1.93	-	-	1.94	-	-	2.02
Average weekly earnings, private nonfarm economy: ¹													
Current dollars	135.78	136.16	137.64	139.13	138.76	138.75	139.11	140.62	141.35	142.85	143.22	143.96	145.47
1967 dollars	108.35	108.36	109.07	109.89	109.28	109.05	108.79	109.22	108.83	109.30	108.94	108.89	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	96.39	96.36	96.89	97.49	96.98	96.78	95.81	96.08	95.67	95.96	95.61	95.51	(*)
Indexes, 1967=100													
Average hourly compensation (quarterly data):													
All persons, total private economy	-	143.1	-	-	145.7	-	-	149.0	-	-	151.6	-	-
All employees, private nonfarm economy:													
Current dollars	-	141.6	-	-	143.8	-	-	147.5	-	-	149.7	-	-
1967 dollars	-	112.5	-	-	113.3	-	-	114.6	-	-	113.9	-	-
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	138.0	138.5	139.3	140.4	140.7	141.9	142.3	142.5	143.3	144.4	144.7	145.8	146.4
1967 dollars	110.1	110.2	110.4	110.9	110.8	111.5	111.3	110.7	110.4	110.5	110.1	110.2	(*)
Mining	137.3	137.7	138.1	137.8	138.4	140.9	142.4	141.5	142.5	144.0	144.8	146.1	147.6
Contract construction	145.8	147.0	148.0	149.2	149.6	151.8	154.0	151.8	152.6	153.4	153.7	155.6	155.9
Manufacturing	135.5	136.1	136.8	137.5	138.0	138.8	139.5	139.7	140.4	141.1	141.8	142.6	143.2
Transportation and public utilities	144.0	145.1	145.9	148.2	148.7	150.1	150.4	151.5	152.1	154.6	153.5	154.6	155.1
Wholesale and retail trade	135.3	135.5	136.5	137.2	137.4	138.4	138.7	139.2	140.2	141.2	141.7	142.5	143.3
Finance, insurance, and real estate	133.9	133.8	134.9	135.4	135.2	136.5	136.8	137.0	136.9	139.1	138.5	139.3	140.7
Services	138.3	138.4	139.7	140.7	141.0	142.0	142.2	142.3	143.6	144.7	144.7	146.1	146.4
Average hourly earnings, all Federal executive branch employees ²	147.8	149.2	151.6	153.0	151.1	154.1	158.1	158.1	159.5	158.9	158.9	(*)	(*)
Average union scales, 7 building trades (quarterly data): ²													
Wages and selected benefits	159.3	-	-	162.3	-	-	164.4	-	-	165.1	-	-	(*)
Hourly wage rates	152.0	-	-	154.4	-	-	156.1	-	-	156.4	-	-	(*)

¹ Production and nonsupervisory workers.² Not seasonally adjusted.

r = revised

* Not available.

p^o 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

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STATE AND AREA HOURS AND EARNINGS

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		
	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
ALABAMA	\$132.80	\$137.63	\$140.76	41.5	40.6	41.4	\$3.20	\$3.39	\$3.40
Birmingham	158.18	161.60	168.90	41.3	40.5	41.6	3.83	3.99	4.06
Mobile	159.01	164.40	168.87	41.3	41.1	41.8	3.85	4.00	4.04
ALASKA	204.06	228.33	(*)	39.7	39.3	(*)	5.14	5.81	(*)
ARIZONA	155.07	158.40	158.73	40.7	39.9	40.7	3.81	3.97	3.90
Phoenix	155.56	161.20	160.40	40.3	39.9	40.2	3.86	4.04	3.99
Tucson	151.90	156.67	160.72	40.4	40.8	41.0	3.76	3.84	3.92
ARKANSAS	112.46	118.59	119.48	40.6	40.2	40.5	2.77	2.95	2.95
Fort Smith	112.72	115.24	120.99	40.4	38.8	40.6	2.79	2.97	2.98
Little Rock—North Little Rock	119.77	125.45	127.03	40.6	39.7	40.2	2.95	3.16	3.16
Pine Bluff	142.39	145.31	146.43	40.8	41.4	41.6	3.49	3.51	3.52
CALIFORNIA	170.05	178.16	179.34	40.2	40.4	40.3	4.23	4.41	4.45
Anaheim—Santa Ana—Garden Grove	166.87	169.71	169.70	40.9	40.6	40.5	4.08	4.18	4.19
Bakersfield	173.26	186.71	190.70	40.2	40.5	41.1	4.31	4.61	4.64
Fresno	146.57	153.63	153.27	39.4	39.8	39.4	3.72	3.86	3.89
Los Angeles—Long Beach	164.03	170.52	172.14	40.5	40.6	40.6	4.05	4.20	4.24
Modesto	150.75	159.64	159.22	37.5	37.3	37.2	4.02	4.28	4.28
Oxnard—Simi Valley—Ventura	152.06	156.02	155.22	39.6	39.3	39.0	3.84	3.97	3.98
Riverside—San Bernardino—Ontario	168.48	175.80	178.23	40.5	40.6	40.6	4.16	4.33	4.39
Sacramento	172.82	186.59	187.50	37.9	39.2	38.9	4.56	4.76	4.82
Salinas—Seaside—Monterey	147.29	174.26	168.95	37.1	41.1	39.2	3.97	4.24	4.31
San Diego	173.36	178.88	180.58	39.4	39.4	39.6	4.40	4.54	4.56
San Francisco—Oakland	193.85	203.70	208.68	39.4	39.4	39.9	4.92	5.17	5.23
San Jose	172.87	190.81	188.44	39.2	41.3	40.7	4.41	4.62	4.63
Santa Barbara—Santa Maria—Lompoc	149.31	155.19	161.57	37.8	38.7	39.6	3.95	4.01	4.08
Santa Rosa	162.35	170.68	176.08	39.5	39.6	40.2	4.11	4.31	4.38
Stockton	172.22	187.67	188.42	38.7	40.1	39.5	4.45	4.68	4.77
Vallejo—Fairfield—Napa	164.40	176.15	173.43	38.5	37.8	38.2	4.27	4.66	4.54
COLORADO	161.95	166.80	170.52	41.0	40.0	40.6	3.95	4.17	4.20
Denver	166.87	174.12	175.31	41.0	40.4	40.3	4.07	4.31	4.35
CONNECTICUT	160.96	172.19	171.79	41.7	42.1	41.9	3.86	4.09	4.10
Bridgeport	163.83	174.29	177.23	41.9	42.2	42.5	3.91	4.13	4.17
Hartford	169.30	184.03	181.41	41.7	42.5	41.8	4.06	4.33	4.34
New Britain	167.20	173.44	176.79	41.8	42.2	42.6	4.00	4.11	4.15
New Haven	157.32	166.86	167.28	41.4	41.2	40.8	3.80	4.05	4.10
Stamford	164.42	179.28	179.24	40.9	41.5	41.3	4.02	4.32	4.34
Waterbury	150.16	157.36	157.78	42.3	42.3	42.3	3.55	3.72	3.73
DELAWARE	162.78	170.37	171.60	40.9	39.9	40.0	3.98	4.27	4.29
Wilmington	177.36	194.62	196.32	40.4	40.8	40.9	4.39	4.77	4.80
DISTRICT OF COLUMBIA:									
Washington SMSA	179.50	181.34	(*)	39.8	38.5	(*)	4.51	4.71	(*)
FLORIDA	134.04	140.63	141.04	41.5	41.0	41.0	3.23	3.43	3.44
Fort Lauderdale—Hollywood	141.38	135.12	133.90	41.1	40.7	40.7	3.44	3.32	3.29
Jacksonville	156.28	162.66	163.10	42.7	41.6	41.5	3.66	3.91	3.93
Miami	122.36	131.45	135.20	39.6	40.2	40.6	3.09	3.27	3.33
Orlando	134.30	142.83	145.73	42.5	41.4	41.4	3.16	3.45	3.52
Pensacola	158.30	160.27	168.44	42.1	41.2	41.9	3.76	3.89	4.02
Tampa—St. Petersburg	137.76	147.85	147.60	40.4	41.3	41.0	3.41	3.58	3.60
West Palm Beach	154.60	162.76	160.80	40.9	41.1	40.0	3.78	3.96	4.02
GEORGIA	124.73	130.17	133.13	41.3	40.3	40.1	3.02	3.23	3.32
Atlanta	157.14	165.19	173.02	40.5	39.9	41.0	3.88	4.14	4.22
Savannah	158.84	159.42	167.57	43.4	42.4	43.3	3.66	3.76	3.87

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		
	June 1972	May 1973	June 1973 ^p	June 1972	May 1973	June 1973 ^p	June 1972	May 1973	June 1973 ^p
HAWAII	\$ 139.86	\$ 156.42	\$ 148.60	42.0	39.5	38.9	\$ 3.33	\$ 3.96	\$ 3.82
Honolulu	140.38	154.84	146.29	42.8	39.3	37.8	3.28	3.93	3.87
IDAHO	148.80	151.69	155.54	40.0	38.5	38.5	3.72	3.94	4.04
ILLINOIS	173.48	183.47	185.48	41.2	41.1	41.2	4.21	4.46	4.51
Chicago	176.14	182.81	(*)	41.4	40.7	(*)	4.25	4.49	(*)
Davenport-Rock Island-Moline	202.50	214.60	214.37	41.0	41.8	42.1	4.94	5.13	5.09
Decatur	183.37	195.97	195.03	40.9	41.8	41.1	4.48	4.68	4.75
Peoria	205.15	221.73	215.98	41.6	43.1	42.0	4.93	5.14	5.14
Rockford	169.40	184.16	183.85	41.8	42.6	42.2	4.05	4.32	4.35
Springfield	192.23	200.64	202.92	42.3	41.6	41.9	4.54	4.82	4.85
INDIANA	179.26	190.03	191.78	41.4	41.4	41.6	4.33	4.59	4.61
Indianapolis	185.64	196.82	(*)	42.0	41.7	(*)	4.42	4.72	(*)
IOWA	172.06	178.93	179.78	40.2	40.3	40.4	4.28	4.44	4.45
Cedar Rapids	173.36	186.73	183.67	41.2	41.1	40.3	4.20	4.54	4.55
Des Moines	166.27	195.29	194.53	37.0	41.6	40.9	4.50	4.69	4.76
Dubuque	194.58	213.06	199.34	39.2	39.8	39.2	4.97	5.36	5.09
Sioux City	143.93	159.18	165.99	39.1	39.9	41.2	3.68	3.99	4.03
Waterloo	215.65	213.94	220.76	43.1	40.8	41.5	5.00	5.24	5.33
KANSAS	157.33	160.12	161.84	42.0	41.3	41.5	3.75	3.88	3.90
Topeka	205.29	183.90	183.84	48.4	41.9	41.3	4.24	4.38	4.45
Wichita	160.46	170.66	170.35	42.0	42.4	42.1	3.82	4.03	4.05
KENTUCKY	149.45	157.16	155.63	40.5	40.4	39.6	3.69	3.89	3.93
Louisville	176.69	186.00	181.12	40.9	40.7	38.7	4.32	4.57	4.68
LOUISIANA	157.14	162.72	164.30	42.7	41.3	41.7	3.68	3.94	3.94
Baton Rouge	208.74	217.12	218.89	42.0	41.2	41.3	4.97	5.27	5.30
New Orleans	158.04	168.45	164.39	41.7	41.8	41.2	3.79	4.03	3.99
Shreveport	143.90	153.79	158.30	42.7	42.6	42.9	3.37	3.61	3.69
MAINE	122.51	130.60	129.51	40.7	41.2	40.6	3.01	3.17	3.19
Lewiston-Auburn	102.29	110.48	112.29	38.6	38.9	39.4	2.65	2.84	2.85
Portland	136.86	143.52	143.24	41.1	41.6	41.4	3.33	3.45	3.46
MARYLAND	158.36	169.71	168.08	40.5	40.6	40.5	3.91	4.18	4.15
Baltimore	166.05	177.94	176.66	40.9	41.0	40.8	4.06	4.34	4.33
MASSACHUSETTS	147.02	156.72	155.94	40.5	40.6	40.4	3.63	3.86	3.86
Boston	161.19	170.89	172.14	40.5	40.4	40.6	3.98	4.23	4.24
Brockton	128.88	132.89	134.64	40.4	39.2	39.6	3.19	3.39	3.40
Fall River	103.78	112.94	110.25	35.3	36.2	35.0	2.94	3.12	3.15
Lawrence-Haverhill	140.35	151.88	151.44	40.1	40.5	40.6	3.50	3.75	3.73
Lowell	131.60	141.55	140.70	39.4	40.1	40.2	3.34	3.53	3.50
New Bedford	121.35	128.70	131.99	39.4	39.0	39.4	3.08	3.30	3.35
Springfield-Chicopee-Holyoke	148.83	157.87	154.77	41.0	40.9	40.2	3.63	3.86	3.85
Worcester	149.48	165.98	161.17	40.4	41.6	40.7	3.70	3.99	3.96
MICHIGAN	209.09	228.98	231.48	42.9	43.9	44.1	4.87	5.22	5.25
Ann Arbor	218.89	254.43	253.41	43.2	46.0	45.7	5.07	5.53	5.55
Battle Creek	201.24	216.84	220.55	42.1	42.5	42.9	4.78	5.10	5.14
Bay City	189.74	199.98	203.63	41.4	42.1	42.6	4.58	4.75	4.78
Detroit	227.75	250.61	252.44	43.9	45.0	45.2	5.19	5.57	5.59
Flint	238.29	253.51	261.37	43.5	44.6	45.4	5.48	5.68	5.76
Grand Rapids	168.34	177.34	180.22	41.2	40.9	41.1	4.09	4.34	4.39
Jackson	197.75	208.93	208.32	42.3	43.5	42.9	4.68	4.80	4.86
Kalamazoo	196.78	200.53	207.81	43.2	42.2	42.9	4.56	4.75	4.84
Lansing-East Lansing	225.16	263.24	263.78	42.7	46.5	46.1	5.27	5.66	5.72
Muskegon-Muskegon Heights	179.26	195.93	193.66	41.4	42.5	41.8	4.33	4.61	4.63
Saginaw	224.60	262.29	264.24	42.1	44.6	44.9	5.34	5.88	5.89

See footnotes at end of table.

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--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
MINNESOTA	\$161.20	\$168.05	\$171.79	40.4	40.3	41.0	\$3.99	\$4.17	\$4.19
Duluth-Superior	154.82	(*)	(*)	39.8	(*)	(*)	3.89	(*)	(*)
Minneapolis-St. Paul	176.32	180.26	183.31	41.1	40.6	41.1	4.29	4.44	4.46
MISSISSIPPI	113.99	116.00	119.31	41.3	40.0	41.0	2.76	2.90	2.91
Jackson	110.15	116.03	118.12	41.1	41.0	41.3	2.68	2.83	2.86
MISSOURI	153.09	158.80	164.43	40.5	39.7	40.4	3.78	4.00	4.07
Kansas City	169.72	179.34	183.60	40.7	40.3	40.8	4.17	4.45	4.50
St. Joseph	155.41	147.66	154.09	43.9	39.8	41.2	3.54	3.71	3.74
St. Louis	175.77	183.26	190.94	40.5	40.1	40.8	4.34	4.57	4.68
Springfield	132.11	128.59	128.97	40.4	37.6	37.6	3.27	3.42	3.43
MONTANA	170.89	176.36	179.65	40.4	39.9	40.1	4.23	4.42	4.48
NEBRASKA	148.11	153.14	153.85	42.2	41.3	41.9	3.51	3.71	3.67
Lincoln	133.92	149.41	146.12	39.7	40.6	40.0	3.37	3.68	3.65
Omaha	153.69	160.28	161.36	40.8	40.2	40.5	3.76	3.99	3.99
NEVADA	181.60	179.84	171.88	40.9	39.7	38.8	4.44	4.53	4.43
Las Vegas	220.24	212.90	(*)	43.1	41.5	(*)	5.11	5.13	(*)
NEW HAMPSHIRE	128.56	132.14	132.60	40.3	39.8	39.7	3.19	3.32	3.34
Manchester	116.49	120.58	119.70	38.7	38.4	38.0	3.01	3.14	3.15
NEW JERSEY	163.56	173.46	173.03	41.2	41.3	41.1	3.97	4.20	4.21
Atlantic City	132.89	137.71	138.77	39.2	38.9	39.2	3.39	3.54	3.54
Camden ¹	157.38	166.00	167.65	41.2	41.5	41.6	3.82	4.00	4.03
Jersey City ²	162.31	174.71	174.72	41.3	42.2	41.9	3.93	4.14	4.17
Newark ²	162.77	175.95	173.83	41.0	41.4	40.9	3.97	4.25	4.25
Paterson-Clifton-Passaic ²	161.54	169.74	168.50	41.0	41.0	40.7	3.94	4.14	4.14
Perth Amboy ²	174.72	190.77	189.90	41.5	42.3	42.2	4.21	4.51	4.50
Trenton	169.26	176.35	175.46	42.0	41.3	40.9	4.03	4.27	4.29
NEW MEXICO	114.74	119.80	121.69	40.4	39.8	40.7	2.84	3.01	2.99
Albuquerque	125.05	125.05	125.96	41.0	39.2	40.5	3.05	3.19	3.11
NEW YORK	158.01	165.15	(*)	39.7	39.7	(*)	3.98	4.16	(*)
Albany-Schenectady-Troy	176.36	179.11	185.28	41.4	40.8	40.9	4.26	4.39	4.53
Binghamton	154.01	161.80	162.96	41.4	41.7	42.0	3.72	3.88	3.88
Buffalo	192.15	207.25	213.27	41.5	41.7	42.4	4.63	4.97	5.03
Elmira	150.82	160.79	161.18	39.9	40.5	40.6	3.78	3.97	3.97
Monroe County ³	191.17	207.55	205.31	41.2	42.1	41.9	4.64	4.93	4.90
Nassau-Suffolk ⁴	154.39	161.99	161.99	40.1	39.9	39.9	3.85	4.06	4.06
New York-Northeastern New Jersey	154.45	162.76	(*)	39.4	39.6	(*)	3.92	4.11	(*)
New York and Nassau-Suffolk ²	147.45	153.56	(*)	38.2	38.2	(*)	3.86	4.02	(*)
New York SMSA ⁴	146.29	151.58	(*)	37.9	37.8	(*)	3.86	4.01	(*)
New York City ⁵	145.52	151.18	(*)	37.7	37.7	(*)	3.86	4.01	(*)
Poughkeepsie	179.76	185.26	185.70	42.8	42.2	42.3	4.20	4.39	4.39
Rochester	184.54	199.39	197.66	41.1	41.8	41.7	4.49	4.77	4.74
Rockland County ⁵	152.82	161.52	162.74	39.9	41.1	41.2	3.83	3.93	3.95
Syracuse	170.57	183.15	181.40	41.4	42.2	41.7	4.12	4.34	4.35
Utica-Rome	144.18	153.44	152.28	40.5	40.7	40.5	3.56	3.77	3.76
Westchester County ⁵	156.02	160.74	163.53	39.6	39.3	39.5	3.94	4.09	4.14
NORTH CAROLINA	112.75	118.59	120.47	41.0	40.2	40.7	2.75	2.95	2.96
Ashville	109.34	113.32	117.68	40.8	39.9	40.3	2.68	2.84	2.92
Charlotte	120.42	131.87	131.46	41.1	41.6	41.6	2.93	3.17	3.16
Greensboro-Winston-Salem-High Point	124.22	132.47	133.06	40.2	39.9	40.2	3.09	3.32	3.31
Raleigh	114.44	122.82	124.64	39.6	40.4	41.0	2.89	3.04	3.04
NORTH DAKOTA	134.23	140.13	144.77	40.8	40.5	41.6	3.29	3.46	3.48
Fargo-Moorhead	153.18	163.54	173.89	40.1	42.7	43.8	3.82	3.83	3.97

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		
	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P	June 1972	May 1973	June 1973 ^P
OHIO	\$184.76	\$198.76	\$200.55	41.8	42.2	42.4	\$4.42	\$4.71	\$4.73
Akron	199.84	208.33	214.14	42.7	41.5	43.0	4.68	5.02	4.98
Canton	184.13	191.90	194.34	41.1	40.4	41.0	4.48	4.75	4.74
Cincinnati	174.28	183.98	183.98	42.3	42.1	42.1	4.12	4.37	4.37
Cleveland	191.22	207.89	211.07	42.4	43.4	43.7	4.51	4.79	4.83
Columbus	167.66	179.86	183.27	40.4	40.6	41.0	4.15	4.43	4.47
Dayton	200.60	217.80	216.50	42.5	43.3	43.3	4.72	5.03	5.00
Toledo	195.70	218.23	220.32	41.2	43.3	43.2	4.75	5.04	5.10
Youngstown--Warren	204.05	220.06	223.13	41.9	42.4	42.5	4.87	5.19	5.25
OKLAHOMA	141.80	142.09	145.44	41.1	39.8	40.4	3.45	3.57	3.60
Oklahoma City	143.91	147.42	147.60	41.0	40.5	40.0	3.51	3.64	3.69
Tulsa	150.18	157.16	160.37	40.7	40.4	40.6	3.69	3.89	3.95
OREGON	172.43	180.58	186.47	40.1	39.6	40.1	4.30	4.56	4.65
Eugene--Springfield	186.59	192.35	206.55	42.6	41.1	42.5	4.38	4.68	4.86
Portland	171.00	174.66	(*)	39.4	38.9	(*)	4.34	4.49	(*)
PENNSYLVANIA	153.23	166.04	164.80	39.8	40.3	40.0	3.85	4.12	4.12
Allentown--Bethlehem--Easton	154.84	165.85	166.21	39.5	39.3	39.2	3.92	4.22	4.24
Altoona	123.83	132.40	125.51	38.1	38.6	36.7	3.25	3.43	3.42
Delaware Valley ⁶	163.21	171.65	172.06	40.1	40.2	40.2	4.07	4.27	4.28
Erie	163.38	173.03	176.38	42.0	42.1	42.4	3.89	4.11	4.16
Harrisburg	129.69	154.98	156.53	37.7	41.0	41.3	3.44	3.78	3.79
Johnstown	151.00	168.19	166.06	37.1	38.4	38.0	4.07	4.38	4.37
Lancaster	144.02	151.55	150.35	40.8	40.2	40.2	3.53	3.77	3.74
Philadelphia SMSA	162.81	171.30	171.70	40.3	40.4	40.4	4.04	4.24	4.25
Pittsburgh	179.82	194.88	195.76	40.5	41.2	41.3	4.44	4.73	4.74
Reading	138.34	152.02	149.72	39.3	39.9	39.4	3.52	3.81	3.80
Scranton	112.81	125.12	124.41	35.7	36.8	36.7	3.16	3.40	3.39
Wilkes-Barre--Hazleton	115.75	122.14	122.18	37.1	36.9	36.8	3.12	3.31	3.32
Williamsport	131.74	140.43	138.81	39.8	38.9	39.1	3.31	3.61	3.55
York	144.58	155.40	156.09	42.4	42.0	42.3	3.41	3.70	3.69
RHODE ISLAND	124.97	132.38	132.55	39.8	39.4	39.1	3.14	3.36	3.39
Providence--Warwick--Pawtucket	125.53	133.00	132.72	39.6	39.7	39.5	3.17	3.35	3.36
SOUTH CAROLINA	115.78	120.77	122.36	41.5	40.8	41.2	2.79	2.96	2.97
Charleston	130.21	141.02	138.17	41.6	41.6	40.4	3.13	3.39	3.42
Greenville	114.12	118.80	122.54	41.2	40.0	41.4	2.77	2.97	2.96
SOUTH DAKOTA	142.20	139.40	140.58	45.0	42.5	42.6	3.16	3.28	3.30
Sioux Falls	174.17	177.87	177.95	47.2	46.2	46.1	3.69	3.85	3.86
TENNESSEE	123.62	132.36	134.07	40.8	40.6	41.0	3.03	3.26	3.27
Chattanooga	139.70	148.27	152.40	41.7	41.3	42.1	3.35	3.59	3.62
Knoxville	139.30	147.57	154.88	39.8	40.1	41.3	3.50	3.68	3.75
Memphis	150.72	156.94	158.42	42.1	41.3	41.8	3.58	3.80	3.79
Nashville	125.65	134.75	137.28	38.9	38.5	39.0	3.23	3.50	3.52
TEXAS	145.31	150.47	152.81	41.4	41.0	41.3	3.51	3.67	3.70
Amarillo	118.90	126.40	124.66	39.9	40.0	39.7	2.98	3.16	3.14
Austin	123.77	129.83	129.56	42.1	40.7	41.0	2.94	3.19	3.16
Beaumont--Port Arthur--Orange	192.98	201.60	202.00	40.8	40.4	40.4	4.73	4.99	5.00
Corpus Christi	180.46	175.05	173.02	43.8	42.8	42.2	4.12	4.09	4.10
Dallas	134.48	137.83	139.47	41.0	40.3	40.9	3.28	3.42	3.41
El Paso	97.76	100.90	103.34	39.9	40.2	39.9	2.45	2.51	2.59
Fort Worth	152.35	155.39	154.98	41.4	41.0	41.0	3.68	3.79	3.78
Galveston--Texas City	225.32	232.52	231.26	43.0	42.9	42.2	5.24	5.42	5.48
Houston	178.43	183.61	182.75	43.1	43.0	42.6	4.14	4.27	4.29
Lubbock	124.36	127.56	128.10	44.1	42.1	42.7	2.82	3.03	3.00
San Antonio	114.68	121.21	120.65	41.7	43.6	43.4	2.75	2.78	2.78
Waco	123.60	126.87	135.05	40.0	39.4	40.8	3.09	3.22	3.31
Wichita Falls	105.81	114.80	114.80	38.2	40.0	40.0	2.77	2.87	2.87

See footnotes at end of table.

ESTABLISHMENT DATA

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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		
	June 1972	May 1973	June 1973 ^p	June 1972	May 1973	June 1973 ^p	June 1972	May 1973	June 1973 ^p
UTAH	\$148.55	\$153.27	\$154.05	39.3	39.0	39.1	\$3.78	\$3.93	\$3.94
Salt Lake City	138.16	140.82	142.63	38.7	38.9	39.4	3.57	3.62	3.62
VERMONT	137.19	145.12	144.49	41.7	41.7	41.4	3.29	3.48	3.49
Burlington	156.66	159.56	156.66	42.0	42.1	41.4	3.73	3.79	3.76
Springfield	154.14	173.57	170.83	42.0	43.5	42.6	3.67	3.99	4.01
VIRGINIA	126.07	132.59	135.38	40.8	40.3	40.9	3.09	3.29	3.31
Lynchburg	130.59	124.11	140.91	42.4	39.4	42.7	3.08	3.15	3.30
Norfolk-Virginia Beach-Portsmouth	139.59	157.01	147.07	42.3	42.9	41.9	3.30	3.66	3.51
Northern Virginia ⁷	164.34	173.34	178.60	41.5	40.5	40.5	3.96	4.28	4.41
Richmond	142.80	148.03	151.81	40.8	39.9	40.7	3.50	3.71	3.73
Roanoke	119.19	122.80	129.74	41.1	40.0	40.8	2.90	3.07	3.18
WASHINGTON	182.96	187.07	190.61	40.3	39.3	39.3	4.54	4.76	4.85
Seattle-Everett	185.32	194.31	197.60	40.2	39.9	40.0	4.61	4.87	4.94
Spokane	180.40	175.83	171.75	40.0	38.9	37.5	4.51	4.52	4.58
Tacoma	181.37	186.24	188.67	39.6	38.8	38.9	4.58	4.80	4.85
WEST VIRGINIA	154.40	163.61	169.32	40.3	40.1	40.8	3.83	4.08	4.15
Charleston	187.41	194.04	195.85	42.4	42.0	42.3	4.42	4.62	4.63
Huntington-Ashland	165.39	176.28	179.08	39.1	39.0	39.1	4.23	4.52	4.58
Wheeling	161.48	168.51	173.89	41.3	40.9	41.7	3.91	4.12	4.17
WISCONSIN	171.59	183.96	183.76	41.6	41.7	41.6	4.13	4.41	4.41
Appleton-Oshkosh	173.21	180.41	179.79	43.4	42.6	42.5	3.99	4.23	4.23
Green Bay	175.45	178.48	183.51	43.4	41.7	42.7	4.04	4.28	4.30
Kenosha	214.11	234.72	245.35	43.5	43.9	44.7	4.93	5.35	5.49
La Crosse	141.00	150.46	150.86	40.4	41.5	41.8	3.49	3.63	3.61
Madison	187.20	193.35	187.45	41.0	40.8	40.4	4.57	4.73	4.64
Milwaukee	183.76	201.32	199.22	41.1	41.9	41.4	4.47	4.81	4.81
Racine	177.82	190.06	190.88	41.3	41.3	41.5	4.31	4.60	4.60
WYOMING	157.82	169.70	169.64	41.1	40.6	40.2	3.84	4.18	4.22
Casper	200.26	195.50	187.73	44.7	42.5	40.9	4.48	4.60	4.59
Cheyenne	168.75	176.84	178.57	42.4	40.1	40.4	3.98	4.41	4.42

¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.² Area included in the New York-Northeastern New Jersey Standard Consolidated Area.³ Subarea of Rochester Standard Metropolitan Statistical Area.⁴ Area included in New York and Nassau-Suffolk combined SMSA's.⁵ Subarea of New York Standard Metropolitan Statistical Area.⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.⁷ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.^{*} Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1: Labor turnover rates in manufacturing
1961 to date

(Per 100 employees)

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1961.....	4.1	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6
1962.....	4.1	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4
1963.....	3.9	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5
1964.....	4.0	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6
1965.....	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966.....	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
1967.....	4.4	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8
1968.....	4.6	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1
1969.....	4.7	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9
1970.....	4.0	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4
1971.....	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972.....	4.4	4.1	3.7	4.0	4.0	4.8	5.2	4.6	6.0	5.3	4.8	3.6	2.7
1973.....		4.6	4.0	4.4	4.5	5.3	6.0 ^P						
New hires													
1961.....	2.2	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4
1962.....	2.5	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2
1963.....	2.4	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4
1964.....	2.6	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6
1965.....	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966.....	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1
1967.....	3.3	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0
1968.....	3.5	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2
1969.....	3.7	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1
1970.....	2.8	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4
1971.....	2.5	2.0	1.9	2.2	2.3	2.6	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972.....	3.3	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.2	3.8	2.9	2.0
1973.....		3.5	3.1	3.5	3.6	4.4	5.1 ^P						
Total separations													
1961.....	4.0	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0
1962.....	4.1	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8
1963.....	3.9	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7
1964.....	3.9	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7
1965.....	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1
1966.....	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
1967.....	4.6	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9
1968.....	4.6	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8
1969.....	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970.....	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
1971.....	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972.....	4.2	4.0	3.5	3.8	3.7	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.6
1973.....		4.2	3.7	4.2	4.1	4.3	4.5 ^P						
Quits													
1961.....	1.2	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9
1962.....	1.4	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8
1963.....	1.4	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8
1964.....	1.5	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0
1965.....	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966.....	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967.....	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968.....	2.5	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969.....	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970.....	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
1971.....	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	1.9	1.5	1.2
1972.....	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.4	2.5	1.9	1.6
1973.....		2.2	2.1	2.5	2.4	2.7	2.9 ^P						
Layoffs													
1961.....	2.2	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6
1962.....	2.0	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5
1963.....	1.8	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3
1964.....	1.7	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1
1965.....	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966.....	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967.....	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968.....	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969.....	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970.....	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
1971.....	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972.....	1.1	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3
1973.....		1.0	.8	.8	.7	.6	.7 ^P						

^Ppreliminary.

**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	
		May 1973	June 1973 P	May 1973	June 1973 P	May 1973	June 1973 P	May 1973	June 1973 P	May 1973	June 1973 P
-	MANUFACTURING	5.3	6.0	4.4	5.1	4.3	4.5	2.7	2.9	0.6	0.7
19,24,25,32-39	DURABLE GOODS	5.1	5.6	4.2	4.8	3.9	4.1	2.4	2.5	.5	.5
20-23,26-31	NONDURABLE GOODS	5.7	6.6	4.6	5.4	5.0	5.1	3.3	3.3	.9	.9
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	2.0	-	1.2	-	2.9	-	.8	-	1.5	-
192	Ammunition, except for small arms	1.7	-	.9	-	2.7	-	.8	-	1.3	-
24	LUMBER AND WOOD PRODUCTS	8.7	8.7	7.4	7.8	6.3	6.2	4.6	4.5	.6	.6
242	Sawmills and planing mills	7.6	-	6.4	-	5.9	-	4.4	-	.5	-
2421	Sawmills and planing mills, general	7.1	-	5.9	-	5.3	-	3.9	-	.4	-
243	Millwork, plywood & related products	8.3	-	7.5	-	6.0	-	4.4	-	.5	-
2431	Millwork	8.1	-	7.3	-	6.2	-	4.2	-	.8	-
2432	Veneer and plywood	6.6	-	6.0	-	5.5	-	4.2	-	.3	-
244	Wooden containers	12.8	-	11.4	-	11.1	-	8.4	-	1.7	-
2441,2	Wooden boxes, shooks, and crates	12.3	-	10.7	-	10.8	-	8.2	-	1.8	-
249	Miscellaneous wood products	8.1	-	7.5	-	7.2	-	5.2	-	.6	-
25	FURNITURE AND FIXTURES	7.4	7.3	6.8	6.8	6.7	6.5	5.0	4.7	.5	.5
251	Household furniture	7.7	-	7.2	-	7.3	-	5.6	-	.4	-
2511	Wood household furniture	8.2	-	7.6	-	7.6	-	5.8	-	.3	-
2512	Upholstered household furniture	6.8	-	6.3	-	6.6	-	5.3	-	.3	-
2515	Mattresses and bedsprings	7.7	-	7.3	-	6.3	-	4.8	-	.2	-
252	Office furniture	6.6	-	5.9	-	4.3	-	3.0	-	.3	-
32	STONE, CLAY, AND GLASS PRODUCTS	6.2	6.6	5.3	5.8	4.4	4.6	2.8	3.0	.4	.5
321	Flat glass	2.5	-	1.0	-	1.6	-	.5	-	.5	-
322	Glass and glassware, pressed or blown	4.7	-	3.7	-	3.5	-	1.9	-	.3	-
3221	Glass containers	5.1	-	3.9	-	3.4	-	2.1	-	.2	-
3229	Pressed and blown glass, n e c	4.2	-	3.4	-	3.6	-	1.7	-	.4	-
324	Cement, hydraulic	2.8	-	2.4	-	1.1	-	.4	-	.2	-
325	Structural clay products	7.4	-	6.9	-	5.9	-	4.5	-	.3	-
3251	Brick and structural clay tile	8.7	-	8.2	-	7.7	-	6.2	-	.2	-
326	Pottery and related products	5.6	-	5.0	-	5.1	-	3.2	-	.5	-
3291	Abrasive products	4.1	-	3.5	-	2.7	-	1.8	-	.1	-
33	PRIMARY METAL INDUSTRIES	4.2	4.5	3.6	4.0	2.8	2.9	1.5	1.7	.2	.2
331	Blast furnace and basic steel products	3.5	-	2.8	-	2.0	-	.8	-	.2	-
3312	Blast furnaces and steel mills	3.4	-	2.7	-	1.9	-	.7	-	.2	-
332	Iron and steel foundries	6.3	-	5.4	-	4.6	-	2.8	-	.4	-
3321	Gray iron foundries	6.1	-	5.3	-	4.4	-	2.7	-	.3	-
3322	Malleable iron foundries	6.9	-	6.1	-	5.2	-	3.6	-	(1)	-
3323	Steel foundries	6.3	-	5.5	-	4.9	-	2.7	-	.7	-
333,4	Nonferrous metals	3.5	-	2.7	-	2.4	-	1.4	-	.2	-
335	Nonferrous rolling and drawing	3.2	-	2.8	-	2.2	-	1.2	-	.1	-
3351	Copper rolling and drawing	3.2	-	2.6	-	2.4	-	1.3	-	.2	-
3352	Aluminum rolling and drawing	3.7	-	3.3	-	2.2	-	1.3	-	.1	-
3357	Nonferrous wire drawing, and insulating	2.7	-	2.4	-	2.2	-	1.2	-	.1	-
336	Nonferrous foundries	7.1	-	6.6	-	5.1	-	3.5	-	.2	-
3361	Aluminum castings	7.7	-	7.0	-	5.7	-	4.1	-	.2	-
3362,9	Other nonferrous castings	6.6	-	6.0	-	4.5	-	2.9	-	.2	-
339	Miscellaneous primary metal products	3.8	-	3.3	-	2.8	-	1.7	-	.1	-
3391	Iron and steel forgings	3.2	-	2.6	-	2.4	-	1.3	-	.1	-

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	
		May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P
	<i>Durable Goods--Continued</i>										
34	FABRICATED METAL PRODUCTS	6.0	-	5.2	-	4.7	-	2.8	-	0.6	-
341	Metal cans	6.0	-	2.9	-	4.0	-	1.1	-	1.4	-
342	Cutlery, hand tools, and hardware	5.1	-	4.4	-	4.1	-	2.6	-	.4	-
3421,3,5	Cutlery and hand tools, incl. saws	5.5	-	5.0	-	4.3	-	2.9	-	.5	-
3429	Hardware, n e c	4.7	-	3.9	-	4.0	-	2.3	-	.3	-
343	Plumbing and heating, except electric	5.0	-	4.4	-	4.1	-	2.2	-	.8	-
3431,2	Sanitary ware & plumbers' brass goods	4.9	-	4.6	-	3.8	-	2.3	-	.4	-
3433	Heating equipment, except electric	5.2	-	4.1	-	4.4	-	2.0	-	1.2	-
344	Fabricated structural metal products	7.1	-	6.3	-	5.2	-	3.4	-	.6	-
3441	Fabricated structural steel	6.9	-	5.8	-	5.5	-	3.3	-	1.2	-
3443	Fabricated plate work (boiler shops)	4.3	-	3.8	-	3.1	-	2.0	-	.2	-
3446,9	Architectural and misc. metal work	7.6	-	6.9	-	5.2	-	3.3	-	.6	-
345	Screw machine products, bolts, etc.	5.4	-	5.2	-	4.5	-	3.0	-	.3	-
3452	Bolts, nuts, rivets, and washers	4.3	-	4.0	-	3.4	-	2.0	-	.4	-
346	Metal stampings	4.6	-	3.6	-	3.7	-	1.9	-	.7	-
348	Misc. fabricated wire products	6.9	-	6.5	-	5.8	-	4.2	-	.4	-
349	Misc. fabricated metal products	4.9	-	4.4	-	3.7	-	2.3	-	.4	-
3494,8	Valves, pipe, and pipe fittings	4.5	-	4.2	-	3.7	-	2.1	-	.5	-
35	MACHINERY, EXCEPT ELECTRICAL	4.0	4.4	3.5	3.9	3.0	3.2	1.8	2.0	.4	.3
351	Engines and turbines	2.8	-	2.1	-	2.2	-	.9	-	.1	-
3511	Steam engines and turbines	1.7	-	1.0	-	1.8	-	.6	-	.2	-
3519	Internal combustion engines, n e c	3.5	-	2.8	-	2.4	-	1.1	-	.1	-
352	Farm machinery	5.2	-	4.3	-	4.3	-	2.6	-	.5	-
353	Construction and related machinery	3.6	-	3.3	-	2.8	-	1.7	-	.3	-
3531,2	Construction and mining machinery	2.8	-	2.5	-	1.9	-	1.2	-	.1	-
3533	Oil field machinery	4.7	-	4.3	-	3.7	-	2.4	-	.4	-
3535,6	Conveyors, hoists, cranes, monorails	4.2	-	3.8	-	3.0	-	1.9	-	.2	-
354	Metal working machinery	3.8	-	3.3	-	2.6	-	1.6	-	.3	-
3541	Machine tools, metal cutting types	3.8	-	3.4	-	2.0	-	1.2	-	.1	-
3545	Machine tool accessories	3.8	-	3.5	-	2.5	-	1.5	-	.1	-
3542,8	Misc. metal working machinery	3.9	-	3.5	-	2.5	-	1.6	-	.2	-
355	Special industry machinery	3.8	-	3.3	-	2.7	-	1.7	-	.3	-
3551	Food products machinery	3.5	-	3.2	-	2.6	-	1.7	-	.2	-
3552	Textile machinery	5.9	-	4.9	-	4.9	-	3.1	-	.6	-
356	General industrial machinery	4.1	-	3.6	-	2.8	-	1.6	-	.3	-
3561	Pumps and compressors	3.7	-	3.1	-	3.0	-	1.6	-	.6	-
3562	Ball and roller bearings	3.2	-	2.6	-	2.2	-	1.1	-	.4	-
3566	Power transmission equipment	4.7	-	4.2	-	2.7	-	1.7	-	.1	-
357	Office and computing machines	2.8	-	2.1	-	2.6	-	1.4	-	.4	-
3573	Electronic computing equipment	2.4	-	1.8	-	2.1	-	1.3	-	.2	-
358	Service industry machines	4.6	-	4.1	-	4.1	-	2.1	-	1.0	-
3585	Refrigeration machinery	4.8	-	4.1	-	3.9	-	2.0	-	.9	-
36	ELECTRICAL EQUIPMENT AND SUPPLIES	4.6	-	3.8	-	3.6	-	2.2	-	.3	-
361	Electric test & distributing equipment	4.3	-	3.5	-	3.3	-	1.9	-	.3	-
3611	Electric measuring instruments	4.2	-	3.3	-	2.8	-	1.8	-	.3	-
3612	Transformers	4.8	-	3.9	-	3.4	-	1.9	-	.1	-
3613	Switchgear and switchboard apparatus	4.1	-	3.4	-	3.7	-	1.9	-	.5	-
362	Electrical industrial apparatus	4.8	-	4.2	-	3.2	-	2.2	-	.1	-
3621	Motors and generators	4.6	-	3.9	-	3.5	-	2.5	-	.1	-
3622	Industrial controls	5.2	-	4.5	-	2.6	-	1.5	-	(¹)	-
363	Household appliances	5.2	-	4.0	-	4.3	-	2.3	-	.6	-
3632	Household refrigerators and freezers	6.4	-	4.2	-	4.0	-	1.8	-	.7	-
3633	Household laundry equipment	2.6	-	1.8	-	1.8	-	.9	-	(¹)	-
3634	Electric housewares and fans	5.8	-	4.6	-	5.8	-	3.5	-	1.5	-
364	Electric lighting and wiring equipment	5.3	-	4.6	-	4.1	-	2.5	-	.3	-
3641	Electric lamps	2.9	-	2.2	-	2.3	-	1.2	-	.1	-
3642	Lighting fixtures	5.9	-	5.3	-	4.4	-	2.5	-	.7	-
3643,4	Wiring devices	5.8	-	5.1	-	4.6	-	3.0	-	.2	-
365	Radio and TV receiving equipment	6.8	-	5.3	-	5.2	-	3.0	-	.6	-
366	Communication equipment	2.1	-	1.5	-	1.9	-	1.0	-	.3	-
3661	Telephone and telegraph apparatus	1.5	-	1.2	-	1.5	-	.9	-	(¹)	-
3662	Radio and TV communication equipment	2.4	-	1.7	-	2.1	-	1.0	-	.4	-
367	Electronic components and accessories	5.7	-	4.9	-	4.7	-	3.1	-	.4	-
3671-3	Electron tubes	4.1	-	3.1	-	3.6	-	1.6	-	.5	-
3674,9	Other electronic components	6.0	-	5.3	-	4.9	-	3.4	-	.4	-
369	Misc. electrical equipment & supplies	4.9	-	3.8	-	2.9	-	1.8	-	.2	-
3694	Engine electrical equipment	4.3	-	3.6	-	2.5	-	1.4	-	.2	-

See footnotes at end of table.

ESTABLISHMENT DATA
LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1973	June 1973 ^F	May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	4.5	-	3.5	-	3.6	-	1.9	-	0.7	-
371	Motor vehicles and equipment	3.9	-	3.0	-	2.3	-	1.2	-	.2	-
3711	Motor vehicles	3.8	-	2.7	-	2.2	-	1.1	-	.1	-
3712	Passenger car bodies	2.4	-	2.1	-	1.5	-	.6	-	.4	-
3713	Truck and bus bodies	5.5	-	5.0	-	3.7	-	2.4	-	.3	-
3714	Motor vehicle parts and accessories	3.6	-	2.8	-	2.1	-	1.0	-	.2	-
372	Aircraft and parts	2.4	-	1.7	-	1.9	-	.9	-	.4	-
3721	Aircraft	2.2	-	1.5	-	1.8	-	.8	-	.5	-
3722	Aircraft engines and engine parts	2.0	-	1.2	-	1.6	-	.7	-	.2	-
3723,9	Other aircraft parts and equipment	3.5	-	2.9	-	2.5	-	1.4	-	.4	-
373	Ship and boat building and repairing	8.6	-	5.7	-	8.9	-	3.6	-	3.7	-
3731	Ship building and repairing	7.9	-	4.4	-	8.6	-	2.6	-	4.5	-
374	Railroad equipment	5.6	-	3.6	-	4.3	-	1.3	-	1.5	-
375,9	Other transportation equipment	9.4	-	8.9	-	9.6	-	6.4	-	1.4	-
38	INSTRUMENTS AND RELATED PRODUCTS	4.0	4.5	3.5	4.0	3.1	3.0	1.9	1.8	.3	0.4
381	Engineering & scientific instruments	3.8	-	3.0	-	2.3	-	1.5	-	.2	-
382	Mechanical measuring & control devices	4.5	-	3.7	-	3.5	-	2.0	-	.2	-
3821	Mechanical measuring devices	3.9	-	3.4	-	3.0	-	1.8	-	.1	-
3822	Automatic temperature controls	5.4	-	4.2	-	4.2	-	2.2	-	.2	-
383,5	Optical and ophthalmic goods	5.1	-	4.6	-	4.7	-	2.7	-	1.0	-
384	Medical instruments and supplies	4.6	-	4.2	-	3.7	-	2.8	-	.2	-
386	Photographic equipment and supplies	2.2	-	2.1	-	1.5	-	.9	-	.1	-
387	Watches, clocks, and watchcases	5.5	-	4.4	-	3.9	-	2.7	-	.2	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.4	7.3	5.2	6.4	5.2	6.1	3.3	4.0	.8	.9
391	Jewelry, silverware, and plated ware	4.5	-	3.9	-	4.3	-	2.8	-	.8	-
394	Toys and sporting goods	9.6	-	7.5	-	7.1	-	4.5	-	.9	-
3941-3	Games, toys, dolls, & play vehicles	11.7	-	9.0	-	7.7	-	4.9	-	.9	-
3949	Sporting and athletic goods, n e c	7.4	-	5.9	-	6.5	-	4.2	-	1.0	-
395	Pens, pencils, office and art supplies	4.4	-	4.0	-	2.9	-	1.9	-	.2	-
396	Costume jewelry and notions	4.7	-	3.9	-	4.5	-	2.7	-	1.0	-
393,9	Other manufacturing industries	5.6	-	4.5	-	4.9	-	3.0	-	.9	-
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	6.9	9.6	5.1	7.4	5.9	6.2	3.5	3.7	1.7	1.6
201	Meat products	8.8	-	6.1	-	6.8	-	4.8	-	1.3	-
2011	Meat packing plants	6.3	-	3.2	-	4.7	-	2.0	-	2.1	-
2015	Poultry dressing plants	15.5	-	12.8	-	12.5	-	11.4	-	.1	-
204	Grain mill products	4.0	-	2.9	-	3.4	-	1.9	-	.9	-
2041	Flour and other grain mill products	4.0	-	3.1	-	4.2	-	2.5	-	1.2	-
2042	Prepared feeds for animals and fowls	4.4	-	3.6	-	3.5	-	2.4	-	.5	-
205	Bakery products	5.0	-	4.2	-	3.6	-	2.6	-	.5	-
2051	Bread, cake, and related products	5.0	-	4.4	-	3.4	-	2.6	-	.2	-
2052	Cookies and crackers	4.9	-	3.3	-	5.0	-	2.4	-	1.8	-
207	Confectionery and related products	5.6	-	3.6	-	6.3	-	2.6	-	3.0	-
2071	Confectionery products	5.9	-	3.6	-	7.6	-	3.0	-	3.8	-
208	Beverages	7.3	-	5.6	-	5.5	-	3.5	-	1.3	-
2082	Malt liquors	4.3	-	1.7	-	3.6	-	.5	-	2.5	-
21	TOBACCO MANUFACTURES	3.8	3.8	2.5	2.6	4.9	2.9	1.8	1.5	2.1	.5
211	Cigarettes	3.0	-	1.6	-	1.8	-	.6	-	(1)	-
212	Cigars	6.8	-	5.9	-	6.4	-	5.4	-	.4	-

See footnotes at end of table.

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

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P	May 1973	June 1973 ^P		
	<i>Nondurable Goods--Continued</i>										
22	TEXTILE MILL PRODUCTS	7.8	7.5	6.6	6.6	7.1	6.6	5.4	5.2	0.4	0.3
221	Weaving mills, cotton.....	8.4	-	7.0	-	7.7	-	6.1	-	.1	-
222	Weaving mills, synthetics.....	8.6	-	7.3	-	7.6	-	5.8	-	.1	-
223	Weaving and finishing mills, wool.....	7.1	-	6.2	-	6.5	-	4.6	-	.6	-
224	Narrow fabric mills.....	6.7	-	5.9	-	5.9	-	4.5	-	.3	-
225	Knitting mills.....	6.3	-	5.3	-	6.3	-	4.5	-	.7	-
2251	Women's hosiery, except socks.....	3.6	-	3.1	-	5.4	-	3.8	-	1.0	-
2252	Hosiery, n e c.....	5.5	-	5.0	-	6.3	-	5.1	-	.4	-
2254	Knit underwear mills.....	5.6	-	4.3	-	5.0	-	4.3	-	.2	-
226	Textile finishing, except wool.....	6.2	-	5.2	-	5.7	-	4.1	-	.3	-
227	Floor covering mills.....	7.9	-	7.1	-	6.9	-	5.4	-	.4	-
228	Yarn and thread mills.....	10.7	-	9.3	-	9.9	-	8.0	-	.3	-
229	Miscellaneous textile goods.....	6.5	-	5.6	-	5.7	-	3.7	-	.6	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	6.7	6.8	5.2	5.5	6.4	6.4	4.3	4.2	1.2	1.3
231	Men's and boys' suits and coats.....	3.7	-	2.5	-	3.5	-	2.1	-	.9	-
232	Men's and boys' furnishings.....	7.8	-	6.5	-	7.3	-	5.9	-	.5	-
2321	Men's and boys' shirts and nightwear.....	7.6	-	5.9	-	6.4	-	5.4	-	.2	-
2327	Men's and boys' separate trousers.....	7.8	-	6.7	-	7.2	-	6.3	-	.1	-
2328	Men's and boys' work clothing.....	8.7	-	7.5	-	8.6	-	7.1	-	.5	-
234	Women's and children's undergarments.....	6.3	-	5.3	-	6.4	-	4.8	-	.6	-
2341	Women's and children's underwear.....	7.1	-	6.1	-	6.8	-	5.3	-	.5	-
2342	Corsets and allied garments.....	4.5	-	3.4	-	5.4	-	3.6	-	.8	-
26	PAPER AND ALLIED PRODUCTS	4.1	5.0	3.6	4.4	3.1	3.3	2.0	2.1	.4	.4
261,2,6	Paper and pulp mills.....	2.8	-	2.3	-	1.6	-	.8	-	.3	-
263	Paperboard mills.....	3.1	-	2.8	-	2.3	-	1.4	-	.2	-
264	Misc. converted paper products.....	4.6	-	4.1	-	3.6	-	2.3	-	.5	-
2643	Bags, except textile bags.....	5.7	-	5.2	-	5.1	-	3.3	-	.7	-
265	Paperboard containers and boxes.....	5.2	-	4.5	-	4.3	-	2.9	-	.5	-
2651,2	Folding and setup paperboard boxes.....	5.3	-	4.3	-	5.0	-	3.4	-	.9	-
2653	Corrugated and solid fiber boxes.....	4.4	-	4.1	-	3.7	-	2.6	-	.2	-
27	PRINTING AND PUBLISHING	3.4	4.3	2.9	3.7	3.1	3.4	2.0	2.3	.6	.6
28	CHEMICALS AND ALLIED PRODUCTS	2.8	3.3	2.3	2.9	2.3	2.3	1.2	1.2	.4	.5
281	Industrial chemicals.....	2.0	-	1.6	-	1.5	-	.7	-	.3	-
282	Plastics materials and synthetics.....	2.8	-	2.4	-	1.6	-	1.0	-	.1	-
2821	Plastics materials and resins.....	3.4	-	2.6	-	1.5	-	.9	-	.1	-
2823,4	Synthetic fibers.....	2.6	-	2.3	-	1.7	-	1.1	-	(¹)	-
283	Drugs.....	2.4	-	2.0	-	1.6	-	.8	-	.3	-
2834	Pharmaceutical preparations.....	2.4	-	1.9	-	1.7	-	.8	-	.4	-
284	Soap, cleaners, and toilet goods.....	3.3	-	2.7	-	3.0	-	1.4	-	.8	-
2841	Soap and other detergents.....	2.9	-	2.1	-	2.2	-	.8	-	.7	-
2844	Toilet preparations.....	3.9	-	3.1	-	4.0	-	1.6	-	1.2	-
285	Paints and allied products.....	3.9	-	3.5	-	2.5	-	1.6	-	.1	-
286,9	Other chemical products.....	2.7	-	2.1	-	3.5	-	1.5	-	.9	-
29	PETROLEUM AND COAL PRODUCTS	3.0	3.7	2.7	3.3	1.9	2.2	.8	1.0	.3	.5
291	Petroleum refining.....	2.2	-	1.9	-	1.4	-	.4	-	.3	-
295,9	Other petroleum and coal products.....	6.1	-	5.4	-	3.6	-	2.3	-	.1	-
30	RUBBER AND PLASTICS PRODUCTS, N E C.	6.8	7.1	5.9	6.3	5.6	5.9	3.8	4.1	.6	.5
301	Tires and inner tubes.....	2.8	-	2.1	-	1.7	-	.9	-	.2	-
302,3,6	Other rubber products.....	6.0	-	5.1	-	4.9	-	3.3	-	.6	-
307	Miscellaneous plastics products.....	8.6	-	7.7	-	7.3	-	5.1	-	.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

116

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1973	June 1973 ^p	May 1973	June 1973 ^p	May 1973	June 1973 ^p	May 1973	June 1973 ^p	May 1973	June 1973 ^p
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	8.4	8.7	6.9	7.3	7.3	7.7	5.3	5.2	0.8	1.3
311	Leather tanning and finishing	7.4	-	6.0	-	6.4	-	3.7	-	1.0	-
314	Footwear, except rubber	8.5	-	7.0	-	7.4	-	5.5	-	.6	-
	NONMANUFACTURING										
10	METAL MINING:	5.5	5.0	4.1	4.6	3.2	2.9	2.0	1.9	.1	.2
101	Iron ores	5.3	-	2.7	-	1.8	-	.7	-	.1	-
102	Copper ores	5.6	-	4.3	-	3.6	-	2.2	-	(¹)	-
11,12	COAL MINING:	1.4	1.4	1.1	1.1	1.4	1.3	.5	.7	.4	.2
12	Bituminous coal and lignite mining	1.4	-	1.0	-	1.4	-	.5	-	.5	-
	COMMUNICATION:										
481	Telephone communication	1.8	-	-	-	1.1	-	.8	-	.1	-
482	Telegraph communication ²	2.5	-	-	-	2.7	-	1.6	-	.4	-

¹ Less than 0.05.

² Data relate to all employees except messengers.

p=preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1961 to date
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
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	4.5	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	5.0	4.8	4.3	4.8	4.6	4.5	4.6
1970	4.3	4.3	4.1	4.0	4.1	4.1	4.1	3.9	3.9	3.6	3.7	3.8
1971	3.7	3.7	3.9	3.9	3.9	3.7	3.8	4.0	4.0	3.7	4.1	4.0
1972	4.4	4.4	4.4	4.4	4.6	4.0	4.4	4.5	4.4	4.6	4.5	4.3
1973	4.9	4.8	4.9	4.9	5.1	4.6 ^P						
New hires												
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	3.6
1970	3.3	3.1	3.0	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.5	2.5	2.6	2.5	2.6	2.6	2.6	2.5	2.8	2.8
1972	3.0	3.0	3.1	3.2	3.6	2.9	3.2	3.3	3.3	3.5	3.6	3.5
1973	4.0	3.9	4.0	3.9	4.3	3.6 ^P						
Total separations												
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	4.6	4.6	4.4	4.6	4.4	4.6	4.8	4.7	4.7	4.6	4.4
1969	4.7	4.8	4.9	4.8	5.0	5.0	4.8	4.9	5.0	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.2	5.0	4.8	4.8	4.4	4.6	5.0	4.8	4.7
1971	4.4	4.2	4.1	4.2	4.0	4.1	4.3	4.3	4.1	4.0	4.1	4.3
1972	4.2	4.2	4.3	3.9	4.2	4.5	4.3	4.2	4.1	4.0	4.1	4.1
1973	4.4	4.4	4.7	4.4	4.7	4.9 ^P						
Quits												
1961	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.4	2.4	2.3	2.3	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.3	2.5	2.4	2.4	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	2.5
1970	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	2.0	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.8	1.8	1.9	1.9
1972	2.0	2.1	2.2	2.2	2.3	2.2	2.2	2.4	2.1	2.3	2.4	2.5
1973	2.6	2.7	2.9	2.6	2.8	3.0 ^P						
Layoffs												
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	1.3	1.3	1.2	1.1	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.7	1.8	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.5	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	.9	.9	.9	.8	.8	.9 ^P						

^P-preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	
ALABAMA:										
Birmingham	3.9	3.5	2.9	2.5	3.3	2.9	2.0	1.6	0.5	0.5
Mobile ¹	6.7	9.6	3.4	4.9	6.4	5.2	2.0	2.6	3.7	2.0
ALASKA	20.8	31.3	18.3	25.5	11.4	15.5	9.6	10.5	.5	3.1
ARIZONA	6.7	7.7	5.4	6.3	5.4	6.3	3.4	4.0	.9	.8
Phoenix	6.5	7.1	5.4	6.3	5.2	6.0	3.4	3.8	.6	.6
ARKANSAS	7.9	10.0	6.8	9.0	7.1	8.3	5.5	6.5	.6	.7
Fort Smith	9.4	11.7	8.4	11.2	8.2	9.3	6.4	8.1	.4	.1
Little Rock—North Little Rock	8.8	9.5	8.1	8.7	7.9	8.4	5.7	6.4	.3	.3
Pine Bluff	6.2	7.3	5.6	6.3	5.5	5.6	4.7	4.4	(²)	.2
COLORADO	5.4	5.9	4.7	5.5	4.8	5.3	2.8	3.7	1.1	.7
Denver	5.7	6.3	5.0	5.9	5.2	5.4	3.1	3.8	1.1	.6
CONNECTICUT	3.2	3.8	2.6	3.1	2.9	2.9	1.6	1.6	.6	.5
Hartford	2.8	3.7	2.2	2.4	2.2	2.3	1.3	1.2	.2	.2
DELAWARE¹	2.8	4.8	1.7	2.4	2.1	2.7	1.0	1.3	.5	.6
Wilmington ¹	2.8	4.4	1.9	2.3	2.0	2.4	1.0	1.3	.3	.3
DISTRICT OF COLUMBIA:										
Washington SMSA	2.9	(*)	2.7	(*)	3.2	(*)	2.7	(*)	.2	(*)
FLORIDA	7.8	8.0	7.1	7.4	7.9	9.0	5.6	6.2	1.2	1.7
Fort Lauderdale—Hollywood	8.6	9.2	8.2	9.1	8.1	8.9	6.4	6.9	.2	(²)
Jacksonville	7.3	7.4	6.1	6.5	6.7	7.6	3.9	4.9	.9	1.1
Miami	7.1	7.1	6.7	6.9	6.9	8.9	5.2	5.3	.7	2.4
Orlando	9.1	11.6	8.4	7.4	10.5	9.7	7.4	7.3	1.4	1.0
Pensacola	2.5	3.3	2.4	3.3	2.3	2.1	1.7	1.9	.5	(²)
Tampa—St. Petersburg	9.8	9.8	8.9	9.3	8.6	10.6	6.9	8.7	.7	.8
West Palm Beach	3.2	2.7	3.0	2.4	6.0	3.9	2.3	2.4	3.0	.9
GEORGIA	6.1	7.1	5.2	6.2	6.2	7.0	4.7	5.5	.4	.3
Atlanta ²	3.9	4.7	3.2	3.9	4.4	4.5	2.8	3.2	.7	.2
HAWAII⁴	2.8	3.2	2.3	3.0	2.5	2.4	1.3	1.6	.5	.2
IDAHO⁵	9.3	10.9	6.9	7.3	6.9	5.9	4.5	3.9	1.0	.4
ILLINOIS:										
Chicago	4.1	4.8	3.6	4.3	3.6	3.9	2.2	2.5	.3	.3
INDIANA¹	4.6	5.6	3.7	4.7	3.4	3.7	1.9	2.1	.4	.4
Indianapolis ²	2.7	3.4	2.3	2.8	2.5	2.5	1.5	1.4	.1	.1
IOWA	4.2	5.8	3.3	4.8	3.5	3.4	2.2	2.5	.6	.3
Cedar Rapids	3.5	3.5	1.8	2.9	2.8	2.4	1.3	1.6	.9	.3
Des Moines	3.8	5.3	3.3	4.4	3.9	3.6	2.6	2.4	(²)	.1
KANSAS	4.8	6.5	4.3	5.8	4.4	4.8	3.0	3.5	.5	.4
Topeka	2.6	4.1	2.5	2.7	2.6	3.3	1.5	2.0	.8	.8
Wichita	4.7	6.0	4.1	5.3	4.3	4.2	3.0	3.4	.3	.1
KENTUCKY	4.4	4.8	3.5	3.9	3.7	4.1	2.3	2.2	.7	1.1
Louisville	3.8	3.9	2.9	2.9	3.0	3.0	1.6	1.4	.3	.3
LOUISIANA:										
New Orleans	4.1	6.1	3.3	4.8	4.2	4.9	1.9	2.6	1.2	1.0
MAINE	6.8	7.7	5.3	6.3	6.9	6.2	4.0	4.2	1.9	.9
Portland	4.3	5.2	4.0	4.8	5.1	5.1	3.3	4.1	.8	.1
MARYLAND	3.8	4.4	3.1	3.6	3.4	3.7	1.9	2.1	.5	.6
Baltimore	3.7	4.0	2.9	3.2	3.1	3.4	1.8	1.9	.4	.6
MASSACHUSETTS	4.0	4.9	3.3	4.0	3.8	3.9	2.2	2.5	.7	.5
Boston	3.5	4.0	2.7	3.3	3.3	3.4	1.8	2.0	.7	.6
MICHIGAN	3.6	4.2	2.6	3.2	2.9	3.0	1.4	1.5	.5	.4
Detroit	4.1	4.5	3.1	3.5	3.3	3.3	1.6	1.7	.4	.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)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P	Apr. 1973	May 1973 ^P
MINNESOTA	3.7	4.4	3.0	3.5	3.3	3.9	2.0	2.2	0.7	1.0
Minneapolis-St. Paul	3.4	3.6	2.9	3.1	3.1	3.4	1.8	1.9	.6	.8
MISSISSIPPI:										
Jackson	4.6	8.4	4.4	7.8	4.4	6.0	3.3	4.7	.1	.1
MISSOURI	3.9	5.0	3.2	4.0	3.6	3.8	2.2	2.4	.7	.6
Kansas City	3.8	4.8	3.2	4.1	4.0	4.3	2.4	2.7	.7	.6
St. Louis	2.7	3.6	2.0	2.5	2.6	2.6	1.2	1.2	.7	.6
MONTANA	3.9	5.4	3.3	4.5	3.9	3.5	1.9	2.4	1.1	.7
NEBRASKA	5.6	7.6	4.3	6.1	5.7	5.0	3.6	3.6	1.2	.5
NEVADA	5.8	5.9	4.9	5.1	5.2	6.2	3.2	3.9	.8	.8
NEW HAMPSHIRE	6.0	6.7	5.5	6.1	5.6	5.7	4.3	4.5	.4	.3
NEW JERSEY:										
Camden ⁷	3.7	3.9	2.8	3.0	3.9	3.6	1.8	1.8	1.4	.9
Jersey City	2.4	4.0	1.9	2.5	3.4	3.5	1.1	1.2	1.5	1.5
Newark	3.0	4.0	2.5	3.3	3.1	3.5	1.5	1.5	.7	.9
Paterson-Clifton-Passaic	4.0	4.9	3.1	3.5	4.6	3.8	1.9	2.0	1.7	.7
Perth Amboy	3.1	4.5	2.5	3.6	3.3	3.6	1.4	1.4	.7	.8
Trenton	3.2	3.2	2.7	2.8	3.0	3.1	1.5	1.6	.6	.5
NEW YORK	3.6	4.4	2.6	3.1	3.8	3.8	1.5	1.7	1.5	1.3
Albany-Schenectady-Troy	2.2	3.2	1.5	2.3	2.2	2.6	1.0	1.1	.3	.5
Binghamton	2.4	2.5	1.8	2.2	1.9	2.1	1.3	1.5	.1	.1
Buffalo	2.7	3.1	1.9	2.3	1.8	2.0	.9	.9	.4	.5
Elmira	3.8	3.6	3.3	2.9	2.9	4.0	1.7	1.9	.3	.9
Monroe County ⁸	2.2	3.1	1.9	2.8	2.0	2.0	1.1	1.3	.2	.1
Nassau-Suffolk ⁹	4.1	5.2	3.7	4.0	5.0	4.6	2.2	2.3	1.8	1.3
New York and Nassau-Suffolk	4.1	4.5	2.9	3.0	4.9	4.9	1.6	1.7	2.5	2.3
New York SMSA ⁹	4.1	4.3	2.7	2.9	4.9	5.0	1.5	1.6	2.7	2.5
New York City ¹⁰	4.3	4.5	2.8	2.9	5.2	5.2	1.5	1.6	2.9	2.7
Rochester	2.5	3.7	2.1	3.2	2.3	2.2	1.2	1.4	.3	.2
Syracuse	3.1	4.2	2.4	3.7	2.9	2.8	1.4	1.5	.6	.4
Utica-Rome	3.1	3.4	2.4	2.4	2.9	2.6	1.4	1.3	.7	.4
Westchester County ¹⁰	2.6	2.8	1.8	2.2	3.1	3.3	1.3	1.4	.9	.9
NORTH CAROLINA	6.2	7.9	5.3	6.8	6.3	7.7	4.8	5.9	.4	.5
Charlotte	5.7	7.1	5.4	6.6	5.6	7.1	4.4	5.1	.2	.5
Greensboro-Winston-Salem-High Point	4.9	6.5	4.3	5.7	6.0	6.4	4.1	4.6	1.0	.8
NORTH DAKOTA	9.0	9.0	6.5	7.5	7.0	9.1	4.4	3.6	1.6	4.3
Fargo-Moorhead	7.8	7.7	3.8	5.6	5.8	5.0	3.2	3.1	1.3	.9
OHIO	3.3	3.6	2.5	2.8	2.7	2.7	1.4	1.5	.5	.3
Akron	1.9	2.0	1.6	1.6	1.8	1.7	.8	.9	.6	.4
Canton	3.8	3.9	2.5	2.4	2.5	2.9	1.1	1.2	.3	.6
Cincinnati	3.7	3.8	2.7	2.5	3.1	2.5	1.6	1.4	.7	.3
Cleveland	3.4	3.7	2.8	3.2	2.7	2.8	1.5	1.6	.2	.2
Columbus	3.6	3.8	2.9	3.2	2.9	3.3	1.8	2.0	.1	.2
Dayton	2.9	2.6	2.4	2.1	2.6	2.5	1.2	1.2	.5	.6
Toledo	3.1	3.3	2.1	2.3	3.6	2.9	1.4	1.2	.9	.4
Youngstown-Warren	2.6	3.1	1.6	2.0	1.9	2.3	.7	.8	.2	.4
OKLAHOMA	6.0	7.2	5.0	6.5	5.2	6.1	3.8	4.6	.4	.5
Oklahoma City	6.9	8.1	5.8	7.3	6.3	7.5	4.6	5.6	.7	.7
Tulsa ¹¹	5.2	7.2	4.9	6.9	5.0	5.1	3.6	3.8	.3	.4
OREGON ¹	6.0	6.3	4.9	5.2	5.0	4.9	3.0	2.9	1.0	.9
Portland ¹	5.4	6.0	4.4	4.9	5.2	5.1	2.7	2.9	1.5	1.3
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.1	3.8	2.2	3.3	2.3	2.3	1.4	1.5	.3	.3
Altoona	4.5	5.7	4.1	5.1	4.4	8.1	2.6	4.1	1.3	3.6
Erie	5.0	5.5	3.9	4.6	4.0	4.1	2.3	2.7	.6	.2
Harrisburg	4.3	5.2	3.8	4.2	3.8	3.4	2.5	2.4	.7	.2
Johnstown	3.7	2.1	2.1	1.5	1.8	3.3	.8	.6	.6	1.9
Lancaster	4.0	4.7	3.4	3.9	3.7	4.8	2.8	3.3	.2	.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Apr. 1973	May 1973 ^p	Apr. 1973	May ^p 1973	Apr. 1973	May ^p 1973	Apr. 1973	May ^p 1973	Apr. 1973	May ^p 1973	
PENNSYLVANIA—Continued										
Philadelphia SMSA	3.5	3.9	2.6	3.0	3.5	3.2	1.6	1.6	0.9	0.7
Pittsburgh	2.8	3.2	1.5	2.2	2.2	1.9	.7	.8	.9	.5
Reading	3.5	3.7	2.6	3.0	4.0	4.6	2.4	2.3	.8	1.7
Scranton	4.5	4.1	2.3	2.0	3.1	3.6	1.6	1.6	.9	1.3
Wilkes-Barre—Hazleton	3.4	3.9	2.5	2.5	3.7	3.8	2.4	2.3	.5	.7
York	4.7	4.6	3.4	4.1	4.5	4.1	2.6	3.1	.9	.2
RHODE ISLAND										
Providence—Warwick—Pawtucket	6.0	6.6	5.2	5.5	5.9	6.0	4.2	4.1	.7	.9
Providence—Warwick—Pawtucket	6.0	6.5	5.2	5.5	5.7	5.9	4.2	4.1	.6	.9
SOUTH CAROLINA:										
Greenville	8.2	9.4	7.3	8.5	8.0	8.6	6.7	7.4	(²)	.1
SOUTH DAKOTA										
Sioux Falls	6.7	8.8	4.8	7.1	5.8	5.4	3.6	3.8	1.6	1.0
Sioux Falls	8.5	10.2	3.3	5.4	7.2	5.0	2.6	2.2	4.2	2.3
TENNESSEE:										
Memphis	5.2	5.9	4.7	5.3	4.3	5.0	3.0	3.2	.2	.5
TEXAS:										
Dallas	5.4	7.2	5.0	6.7	4.7	5.5	3.5	4.1	.3	.3
Fort Worth	5.5	6.7	4.9	6.1	5.3	6.1	3.9	4.7	.5	.5
Houston	4.2	5.1	3.8	4.8	3.8	4.2	2.6	3.0	.2	.2
San Antonio	5.2	6.4	4.9	6.1	5.4	5.9	3.6	4.5	.7	.2
UTAH⁵										
Salt Lake City ⁵	5.0	6.7	4.3	5.0	4.8	5.0	2.7	3.2	1.1	.7
Salt Lake City ⁵	4.9	5.5	4.5	5.1	4.7	4.9	2.8	3.4	.8	.4
VERMONT										
Burlington	4.1	4.8	3.4	4.0	3.6	3.4	2.5	2.5	.3	.3
Burlington	1.9	3.5	1.4	2.9	1.5	2.0	1.0	1.4	.2	.1
Springfield	3.8	4.1	2.5	3.6	2.4	2.8	1.6	1.5	.1	.6
VIRGINIA										
Richmond	4.7	5.3	3.7	4.4	4.4	5.0	2.8	3.5	.8	.5
Richmond	3.5	3.5	2.6	2.9	4.2	3.6	2.2	2.1	.8	.5
WASHINGTON:										
Seattle—Everett ¹²	4.3	4.3	2.7	2.7	2.9	2.8	1.4	1.3	.9	.8
WEST VIRGINIA:										
Charleston	1.7	1.2	1.0	.9	.9	1.0	.4	.4	(²)	.1
WISCONSIN										
Milwaukee	3.9	5.0	3.0	4.2	3.4	3.3	1.7	1.9	.7	.5
Milwaukee	3.9	5.2	3.2	4.4	3.4	3.5	1.8	2.1	.4	.3
WYOMING										
.....	5.3	8.1	4.5	6.9	6.2	6.8	4.4	3.9	1.4	2.2

¹ Excludes canning and preserving.

² Less than 0.05.

³ Excludes agricultural chemicals and miscellaneous manufacturing.

⁴ Excludes canned fruits, vegetables, preserves, jams and jellies.

⁵ Excludes canning and preserving, and sugar.

⁶ Excludes canning and preserving, and newspapers.

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

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Area included in New York and Nassau—Suffolk combined SMSA's.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Excludes new-hire rate for transportation equipment.

¹² Excludes canning and preserving, printing and publishing.

* Not available.

^p preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)													
1969	264	-	-	-	293	289	241	258	313	289	243	210	186
1970	132	187	170	166	158	151	123	126	137	118	92	75	76
1971	88	81	80	83	93	94	89	90	106	98	90	79	78
1972	127	90	97	110	124	127	124 ^p	134	159	155	142	133	132
1973		155	163	176	190	194	185 ^p						
Job vacancy rates ¹													
1969	1.3	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9
1970 .....	.7	0.9	0.9	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4
1971 .....	.5	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.4	.4
1972 .....	.7	.5	.5	.6	.7	.7	.6	.7	.8	.8	.7	.7	.7
1973 .....		.8	.8	.9	1.0	1.0	.9 ^p						
Number of long-term job vacancies ² (In thousands)													
1969	120	-	-	-	137	131	110	110	121	127	111	102	90
1970	49	77	70	67	60	56	45	44	43	38	33	30	29
1971	27	28	27	27	28	27	25	26	28	28	28	25	26
1972	35	25	27	30	33	33	32	34	39	42	41	42	43
1973		44	47	50	56	57	57 ^p						
Long-term job vacancy rates ²													
1969	0.6	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4
1970 .....	.3	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.1	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1
1972 .....	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....		.2	.2	.3	.3	.3	.3 ^p						

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

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

p=preliminary.

E-2: 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	-	-	-	275	267	246	249	257	257	249	246	225
1970	204	185	167	148	139	125	121	113	105	95	88	92
1971	88	86	84	87	87	91	87	87	87	92	92	94
1972	98	105	111	116	117	126	129	131	138	146	156	161
1973	170	175	178	178	179	188 ^p						
Job vacancy rates ¹												
1969	-	-	-	1.3	1.3	1.2	1.2	1.3	1.3	1.2	1.2	1.1
1970	1.0	.9	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5
1971 .....	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5
1972 .....	.5	.6	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8
1973 .....	.9	.9	.9	.9	.9	.9 ^p						
Number of long-term job vacancies ² (In thousands)												
1969	-	-	-	132	127	117	112	112	117	109	104	93
1970	83	73	67	58	54	47	45	40	35	32	30	30
1971	30	28	27	27	26	27	26	26	26	28	25	27
1972	27	29	30	32	32	34	35	36	39	40	43	44
1973	47	49	51	54	55	60 ^p						
Long-term job vacancy rates ²												
1969	-	-	-	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5
1970	0.4	0.4	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
1972 .....	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
1973 .....	.2	.2	.3	.3	.3	.3 ^p						

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

p=preliminary.

**ESTABLISHMENT DATA
JOB VACANCY**

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

Industry division and group	1972							1973					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Job vacancy rates¹													
Manufacturing	0.6	0.7	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.0	0.9
Durable goods . . . . .	.6	.7	.8	.8	.7	.7	.7	.8	.9	.9	1.0	1.0	.9
Nondurable goods . . . . .	.7	.7	.9	.8	.7	.7	.7	.8	.8	.9	1.0	1.0	.9
Selected durable goods industries:													
Primary metal industries . . . . .	.3	.3	.4	.4	.4	.3	.3	.4	.5	.5	.6	.6	.6
Machinery, except electrical . . . . .	.7	.8	.8	.9	.9	.8	.8	1.1	1.1	1.2	1.2	1.2	1.1
Electrical equipment and supplies . . . . .	.8	1.0	.9	1.0	.9	.9	1.0	1.1	1.1	1.1	1.2	1.2	1.1
Transportation equipment . . . . .	.6	.6	.7	.7	.7	.6	.5	.8	.8	.8	.8	.9	.9
Instruments and related products	1.4	1.3	1.6	1.3	1.0	1.0	1.1	1.2	1.2	1.4	1.5	1.5	1.3
Selected nondurable goods industries:													
Textile mill products	1.1	1.2	1.6	1.5	1.4	1.2	1.2	1.3	1.4	1.6	1.8	1.7	1.5
Apparel and other textile products	1.4	1.5	1.6	1.5	1.4	1.4	1.4	1.6	1.6	1.7	1.7	1.8	1.9
Printing and publishing . . . . .	.3	.4	.5	.5	.4	.4	.4	.4	.4	.5	.5	.5	.4
Chemicals and allied products . . . . .	.5	.5	.6	.6	.5	.5	.5	.6	.7	.7	.8	.7	.7
Long-term job vacancy rates²													
Manufacturing	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Durable goods . . . . .	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3
Nondurable goods . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3
Selected durable goods industries:													
Primary metal industries . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1
Machinery, except electrical . . . . .	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4
Electrical equipment and supplies . . . . .	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3
Transportation equipment . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Instruments and related products . . . . .	.3	.4	.4	.4	.3	.3	.3	.3	.3	.4	.5	.4	.4
Selected nondurable goods industries:													
Textile mill products . . . . .	.3	.3	.3	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4
Apparel and other textile products . . . . .	.6	.5	.6	.6	.6	.6	.6	.6	.7	.7	.8	.8	.9
Printing and publishing . . . . .	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products . . . . .	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2
Long-term job vacancies as a percent of job vacancies³													
Manufacturing	26	25	25	27	29	32	32	28	29	29	30	29	31
Durable goods	23	24	24	26	27	30	30	27	28	27	29	27	29
Nondurable goods	30	27	26	29	32	35	35	30	30	31	31	32	33
Selected durable goods industries:													
Primary metal industries	23	23	17	27	27	35	33	31	30	30	29	30	20
Machinery, except electrical	25	25	28	27	28	31	29	27	30	29	33	34	33
Electrical equipment and supplies	19	21	22	23	25	24	26	23	27	25	26	24	29
Transportation equipment	27	28	26	27	25	30	34	25	22	22	22	22	25
Instruments and related products	24	32	27	31	27	31	26	24	24	27	30	24	30
Selected nondurable goods industries:													
Textile mill products	23	20	22	23	26	27	28	22	22	25	22	26	27
Apparel and other textile products	41	37	41	39	44	46	47	40	41	42	43	42	45
Printing and publishing	21	20	18	18	23	24	22	23	21	24	22	30	26
Chemicals and allied products	36	35	32	37	33	33	37	33	33	34	34	33	33

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ 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	1972							1973					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Manufacturing	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Durable goods	55.5	55.8	54.3	56.7	57.3	57.8	58.8	60.3	59.9	59.7	59.1	59.8	60.0
Primary metal industries	2.8	2.6	3.3	3.1	3.1	3.0	3.2	3.3	3.7	3.6	4.2	4.1	4.1
Machinery, except electrical	10.5	11.0	9.8	10.7	11.7	11.8	12.5	13.8	13.8	13.6	13.2	12.7	12.5
Electrical equipment and supplies	11.9	13.1	11.0	11.9	12.7	13.6	15.0	13.6	13.4	12.4	12.0	12.4	12.5
Transportation equipment	8.5	7.4	7.5	8.2	8.6	8.3	7.5	9.0	8.8	8.9	8.1	8.3	9.3
Instruments and related products	5.1	4.2	4.6	4.0	3.4	3.7	4.0	3.8	3.6	3.8	3.8	3.9	3.4
Other durable goods industries	16.7	17.3	18.1	18.7	17.8	17.6	16.7	16.9	16.7	17.4	17.8	18.5	18.3
Nondurable goods	44.5	44.2	45.7	43.3	42.7	42.2	41.2	39.7	40.1	40.3	40.9	40.2	40.0
Textile mill products	8.8	9.1	9.9	9.9	9.8	9.7	9.3	8.7	9.0	9.2	9.9	9.1	8.7
Apparel and other textile products	15.0	14.4	13.6	12.9	13.7	14.2	14.2	14.1	13.6	13.1	12.6	12.9	14.3
Printing and publishing	3.1	3.6	3.1	3.5	3.1	3.1	3.1	3.1	3.0	2.8	2.6	2.8	2.3
Chemicals and allied products	4.4	3.9	3.9	3.7	3.4	4.1	4.1	3.7	4.1	4.2	4.2	3.9	4.1
Other nondurable goods industries	13.3	13.3	15.3	13.3	12.6	11.2	10.5	10.2	10.4	10.9	11.6	11.6	10.6

^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 ¹		Long-term ²			Total ¹		Long-term ²	
	Apr. 1973	May 1973 ^p	Apr. 1973	May 1973 ^p		Apr. 1973	May 1973 ^p	Apr. 1973	May 1973 ^p
Manufacturing					Nonmanufacturing⁴				
United States ³	1.0	1.0	0.3	0.3	Mining:				
Albany-Schenectady--					New Orleans, La	0.1	0.4	0.1	(*)
Troy, N.Y. ....	.4	.4	.2	.2	Phoenix, Ariz	(⁵)	(⁵)	(⁵)	(⁵)
Atlanta, Ga .....	.7	.8	.2	.1	Portland, Ore	(⁵)	(⁵)	(⁵)	(⁵)
Baltimore, Md .....	.9	.9	.3	.3	Construction:				
Boston, Mass .....	.8	.9	.2	.2	Oklahoma City, Okla .....	.9	1.6	.3	.4
Buffalo, N.Y. ....	.3	.5	.1	.1	Portland, Ore .....	.6	.3	(*)	(*)
Cedar Rapids, Iowa .....	.9	1.4	.9	.7	Transportation and Public Utilities:				
Dallas, Tex	1.2	1.1	.3	.3	Baltimore, Md	1.3	1.1	.7	.6
Denver, Colo .....	.8	1.1	.1	.4	Boston, Mass .....	.1	.1	.1	(*)
Des Moines, Iowa .....	.8	.9	.2	.1	Kansas City, Mo ⁶ .....	.1	.3	(*)	(*)
Detroit, Mich .....	.6	.5	.2	.2	Minneapolis-St. Paul, Minn. ⁶	2.0	2.0	.7	1.1
Fort Worth, Tex .....	.8	.9	.2	.2	Oklahoma City, Okla ⁶ .....	.4	.8	.2	.1
Greensboro-Winston-Salem--					St. Louis, Mo ⁶ .....	.1	.1	.1	(*)
Highpoint, N.C.	1.7	1.8	.5	.4	Salt Lake City, Utah .....	.1	.1	(*)	.1
Greenville, S.C.	2.1	2.1	.4	.4	Wholesale and Retail Trade:				
Houston, Tex	1.6	1.5	.6	.4	Boston, Mass .....	.3	.3	.1	.1
Jersey City, N.J. ....	.2	.3	.1	.1	Hartford, Conn .....	.9	.6	.1	.2
Kansas City, Mo. ....	.4	.4	.1	.1	Minneapolis-St. Paul, Minn	1.0	1.1	.3	.2
Little Rock--North Little Rock,					Phoenix, Ariz	1.0	.6	.2	.1
Ark	1.5	1.2	.1	.1	Portland, Ore .....	.7	.7	.1	.1
Memphis, Tenn .....	.5	.5	.1	.1	Finance, Insurance and Real Estate:				
Miami, Fla	2.1	2.0	.9	.7	Baltimore, Md	1.4	1.7	.5	.5
Milwaukee, Wisc	1.4	1.2	.5	.5	Boston, Mass	2.0	1.3	.3	.3
Minneapolis-St. Paul, Minn	1.1	1.8	.2	.3	Hartford, Conn	2.4	1.7	1.2	.6
Newark, N.J. ....	.8	.8	.3	.3	Kansas City, Mo.	1.3	1.0	.2	.2
New Orleans, La .....	.6	.5	.3	.2	Minneapolis-St. Paul, Minn	1.3	1.5	.4	.4
New York and Nassau-Suffolk .....	.7	.6	.2	.3	Phoenix, Ariz	1.4	1.3	.1	.2
New York SMSA ⁸ .....	.5	.5	.2	.2	Portland, Ore	1.0	.9	.2	.2
Oklahoma City, Okla .....	.8	.8	.1	.1	St. Louis, Mo .....	.9	1.1	.3	.3
Paterson-Clifton--					Salt Lake City, Utah .....	.7	.6	.1	(*)
Passaic, N.J. ....	.5	.6	.1	.1	Service:				
Perth Amboy, N.J.	1.3	1.1	.3	.2	Boston, Mass	1.0	.9	.4	.3
Philadelphia, Pa	1.0	.8	.3	.3	Kansas City, Mo.	1.6	1.4	.5	.3
Phoenix, Ariz.	1.5	1.6	.3	.3	Phoenix, Ariz	1.8	1.9	.2	.3
Portland--South					Portland, Ore .....	.9	.9	.3	.3
Portland, Maine	1.0	.7	.3	.2	St. Louis, Mo	1.3	1.5	.4	.5
Portland, Ore .....	.7	.7	.1	.1	Government:				
Providence-Pawtucket--					Atlanta, Ga	1.9	2.1	.9	1.1
Warwick, R.I.	1.7	1.6	.6	.6	Boston, Mass .....	.7	.8	.4	.5
Richmond, Va .....	.5	.5	.2	.2	Kansas City, Mo.	1.0	.8	.2	.2
St. Louis, Mo .....	.5	.4	.1	.1	Minneapolis-St. Paul, Minn	1.0	1.4	.4	.5
Salt Lake City, Utah .....	.7	1.0	.1	.1	Phoenix, Ariz	1.2	1.6	.3	.8
San Antonio, Tex	1.4	1.2	.5	.5	Portland, Ore ⁷	1.3	1.7	.4	.4
Seattle, Wash ⁹ .....	.6	.7	.1	.1	St. Louis, Mo .....	.5	.8	.3	.3
Sioux Falls, S.D.	1.0	1.0	(*)	(*)	All Nonagricultural Industries				
Syracuse, N.Y.	1.0	.8	.2	.2	Boston, Mass .....	.7	.7	.3	.2
Tampa-St. Petersburg,					Kansas City, Mo ⁶ .....	.8	.6	.2	.1
Fla	2.4	3.4	.5	1.3	Phoenix, Ariz	1.2	1.2	.2	.3
Wichita, Kans	1.5	1.3	.3	.4	Portland, Ore .....	.8	.8	.2	.2
					Salt Lake City, Utah .....	.8	1.2	.2	.2

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

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

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

⁵ Combined with services.

⁶ Excludes railroads.

⁷ Excludes education.

⁸ Area included in New York and Nassau Suffolk combined SMSA's (formerly New York Standard Metropolitan Statistical Area).

⁹ Excludes canning and preserving, printing and publishing.

* Less than 0.05.

^p preliminary.

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	July 1972	June 1973	July 1973	Change from ¹		July 1972	June 1973	July 1973
				July 1972	June 1973			
TOTAL ^{2,3}	1,848.2	*1,399.5	1,535.7	-312.5	136.3	3.5	2.4	2.5
SEASONALLY ADJUSTED	1,996.1	*1,632.3	1,664.0	-332.1	31.7	3.7	2.8	2.7
Alabama	21.4	14.5	17.7	-3.8	3.1	3.0	1.8	2.1
Alaska	3.3	3.8	3.8	.5	0	5.6	5.9	5.8
Arizona	8.6	8.2	8.8	.2	.6	2.1	1.6	1.7
Arkansas	10.8	9.2	10.9	.1	1.7	2.6	2.0	2.3
California	226.6	198.8	200.5	-26.0	1.8	4.4	3.5	3.4
Colorado	5.7	5.6	6.2	.5	.6	1.1	1.0	1.0
Connecticut	59.1	30.8	44.5	-14.6	13.7	5.5	2.7	3.9
Delaware	3.4	3.1	3.4	0	.3	1.9	1.6	1.7
District of Columbia	7.7	6.5	7.3	-.4	.8	2.2	1.8	2.0
Florida	35.0	23.8	30.9	-4.1	7.0	2.2	1.2	1.5
Georgia	20.7	12.6	14.7	-6.0	2.1	1.8	.9	1.1
Hawaii	10.5	9.4	10.1	-.4	.7	3.9	3.4	3.6
Idaho	6.4	4.6	7.0	.7	2.4	4.0	2.6	3.8
Illinois	78.4	58.9	60.1	-18.3	1.2	2.5	1.7	1.7
Indiana	28.1	18.2	19.6	-8.5	1.4	2.0	1.2	1.3
Iowa	9.9	8.1	9.4	-.5	1.3	1.7	1.2	1.3
Kansas	8.9	6.8	6.9	-2.0	.2	2.1	1.3	1.3
Kentucky	15.6	13.3	14.2	-1.3	.9	2.4	1.9	1.9
Louisiana	23.8	28.5	23.1	-.7	-5.3	3.2	3.3	2.6
Maine	12.7	8.3	12.4	-.3	4.1	5.8	3.2	4.6
Maryland	29.5	20.7	25.6	-3.8	4.9	3.1	2.0	2.4
Massachusetts	90.1	74.2	89.1	-1.0	14.9	5.3	4.0	4.6
*Michigan	131.4	*64.3	68.0	-63.5	3.7	5.6	2.6	2.7
Minnesota	30.1	19.3	20.5	-9.6	1.2	3.1	1.8	1.8
Mississippi	6.2	6.9	7.5	1.4	.6	1.5	1.5	1.5
Missouri	33.6	28.1	32.2	-1.4	4.1	2.9	2.1	2.3
Montana	4.1	3.7	3.8	-.3	.1	3.2	2.5	2.5
Nebraska	4.2	4.7	4.9	.7	.2	1.3	1.3	1.2
Nevada	7.0	6.3	6.9	-.1	.6	4.2	3.5	3.8
New Hampshire	7.5	2.7	6.2	-1.3	3.6	3.9	1.2	2.6
New Jersey	103.4	93.2	100.5	-2.9	7.3	5.1	4.3	4.5
New Mexico	6.8	7.1	7.0	.2	-.1	3.5	3.2	3.0
New York	250.6	189.9	203.6	-47.0	13.8	4.3	3.2	3.5
North Carolina	23.9	16.1	19.4	-4.4	3.4	1.7	1.0	1.2
North Dakota	1.9	2.2	2.1	.2	-.2	2.1	2.0	1.7
Ohio	56.4	36.5	36.9	-19.5	.4	2.0	1.1	1.1
Oklahoma	14.1	13.5	13.8	-.2	.3	2.8	2.2	2.1
Oregon	19.7	19.0	21.9	2.2	2.9	3.5	3.1	3.5
Pennsylvania	167.2	107.3	113.3	-53.9	6.0	5.1	3.0	3.1
Puerto Rico ²	53.8	45.1	50.2	-3.6	5.1	12.7	10.0	10.7
Rhode Island	18.6	11.4	18.7	.1	7.3	6.7	3.8	6.0
South Carolina	12.4	9.2	9.7	-2.7	.5	2.0	1.3	1.3
South Dakota	1.7	1.4	1.7	0	.3	1.6	1.1	1.2
Tennessee	24.5	17.7	24.3	-.1	6.6	2.5	1.6	2.0
Texas	36.7	30.1	29.9	-6.8	-.2	1.4	1.0	.9
Utah	7.2	5.8	6.3	-.9	.5	3.0	2.1	2.2
Vermont	4.8	3.6	4.0	-.8	.4	4.8	3.0	3.2
Virginia	9.7	8.6	8.3	-1.4	-.3	.9	.7	.7
Washington	52.1	45.1	47.9	-4.2	2.8	6.4	5.2	5.4
West Virginia	12.8	9.7	12.7	-.1	3.0	3.5	2.4	2.9
Wisconsin	29.1	22.3	26.6	-2.5	4.3	2.5	1.7	2.0
Wyoming	.7	.7	.7	0	-.1	1.0	.9	.8

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

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

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

* Revised since last publication.

F-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	July 1972	July 1973	State and area	July 1972	July 1973	State and area	July 1972	July 1973	State and area	July 1972	July 1973
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	5.2	4.1	Evansville.....	1.6	1.2	Manchester.....	2.1	2.0	continued		
Mobile.....	2.7	1.9	Ft. Wayne.....	.9	.6				York.....	3.6	2.7
			Gary-Hammond..	3.5	2.3						
			Indianapolis....	5.3	3.3	NEW JERSEY			PUERTO RICO		
ARIZONA			South Bend.....	2.1	1.9	Atlantic City....	2.3	2.3	Mayaguez.....	2.8	1.8
Phoenix.....	5.6	5.9	Terre Haute.....	1.2	1.1	Jersey City.....	13.7	12.5	Ponce.....	3.3	2.7
						Newark.....	28.2	25.1	San Juan.....	9.2	8.9
			IOWA			New Brunswick..	11.1	9.6			
ARKANSAS			Cedar Rapids....	.8	.5	Paterson.....	23.2	21.0			
Little Rock.....	1.3	1.5	Des Moines.....	1.4	1.1	Trenton.....	2.8	2.8			
									RHODE ISLAND		
CALIFORNIA			KANSAS			NEW MEXICO			Providence.....	16.9	17.6
Anaheim-S. Ana-			Wichita.....	2.5	1.8	Albuquerque....	2.8	3.1			
Garden Grove..	13.6	11.7							SOUTH CAROLINA		
Fresno.....	4.4	4.1	KENTUCKY			NEW YORK			Charleston.....	1.5	1.4
Los Angeles....	88.8	77.4	Louisville.....	4.3	3.3	Albany.....	5.9	5.2	Greenville.....	1.4	.8
Sacramento.....	10.2	9.3				Binghamton....	2.3	1.9			
San Bernardino..	12.2	10.9	LOUISIANA			Buffalo.....	26.0	12.4			
San Diego.....	16.1	14.9	Baton Rouge....	1.7	2.1	New York.....	178.8	155.7			
San Francisco...	44.5	37.4	New Orleans....	7.4	6.3	Rochester.....	8.7	5.5			
San Jose.....	14.0	9.1	Shreveport.....	1.9	1.2	Syracuse.....	5.5	4.5	TENNESSEE		
Stockton.....	4.8	3.8				Utica.....	5.0	3.5	Chattanooga....	1.5	1.6
			MAINE			NORTH CAROLINA			Knoxville.....	2.1	1.8
COLORADO			Portland.....	1.2	1.0	Asheville.....	.5	.4	Memphis.....	4.4	3.6
Denver.....	3.6	3.8				Charlotte.....	1.2	.9	Nashville.....	3.5	3.1
			MARYLAND			Durham.....	.7	.5			
CONNECTICUT			Baltimore.....	21.2	16.3	Greensboro-			TEXAS		
Bridgeport.....	9.0	7.4				Winston-Salem..	2.4	2.1	Austin.....	1.0	.9
Hartford.....	11.0	6.5	MASSACHUSETTS						Beaumont.....	2.5	2.6
New Britain.....	2.7	2.1	Boston.....	40.6	41.2	OHIO			Corpus Christi..	1.2	1.1
New Haven.....	7.6	6.2	Brockton.....	3.0	3.7	Akron.....	3.6	2.8	Dallas.....	7.1	3.9
Stamford.....	2.8	1.8	Fall River.....	3.1	3.5	Canton.....	2.0	1.4	El Paso.....	1.8	1.7
Waterbury.....	6.2	4.5	Lawrence.....	6.0	5.8	Cincinnati.....	6.1	4.5	Ft. Worth.....	4.0	2.2
			Lowell.....	3.9	4.1	Cleveland.....	13.8	6.7	Houston.....	6.2	4.4
DELAWARE			New Bedford....	4.6	4.5	Columbus.....	3.3	2.8	San Antonio....	2.6	2.5
Wilmington.....	3.8	3.3	Springfield....	9.3	7.9	Dayton.....	4.6	3.5			
			Worcester.....	5.0	4.2	Hamilton.....	2.3	1.2	UTAH		
						Lorain.....	1.6	.8	Salt Lake City..	4.5	3.5
DIST. OF COL.			MICHIGAN			Staubenville...	.8	.8			
Washington.....	13.4	13.4	Battle Creek....	2.0	1.4	Toledo.....	4.7	3.6	VIRGINIA		
			Detroit.....	58.7	33.0	Youngstown....	3.7	1.9	Hampton.....	.6	.7
			Flint.....	16.7	3.1				Norfolk.....	1.2	.9
FLORIDA			Grand Rapids...	6.0	4.1	OKLAHOMA			Richmond.....	1.0	.8
Jacksonville....	1.1	1.0	Kalamazoo.....	2.6	1.5	Oklahoma City..	3.0	3.3	Roanoke.....	.4	.2
Miami.....	11.4	9.1	Lansing.....	6.2	2.1	Tulsa.....	2.6	2.3			
Tampa.....	4.8	4.3	Muskegon.....	2.0	1.7				WASHINGTON		
			Saginaw.....	1.8	1.3	OREGON			Seattle.....	25.2	20.8
						Portland.....	10.7	10.8	Spokane.....	3.7	3.4
GEORGIA			MINNESOTA						Tacoma.....	6.1	5.4
Atlanta.....	8.3	4.2	Duluth.....	2.8	2.0	PENNSYLVANIA					
Augusta.....	2.1	1.5	Minneapolis....	16.4	9.8	Allentown.....	5.9	4.4	WEST VIRGINIA		
Columbus.....	1.3	1.1				Altoona.....	2.0	1.7	Charleston.....	1.5	1.4
Macon.....	1.0	.9	MISSISSIPPI			Erie.....	2.3	1.7	Huntington....	2.6	1.9
Savannah.....	.8	.5	Jackson.....	.7	.6	Harrisburg.....	4.9	2.9	Wheeling.....	1.3	1.5
						Johnstown.....	4.0	3.5			
HAWAII			MISSOURI			Lancaster.....	1.9	1.6	WISCONSIN		
Honolulu.....	9.5	9.0	Kansas City....	8.3	7.4	Philadelphia...	56.3	51.0	Kenosha.....	.9	1.8
			St. Louis.....	18.6	19.1	Pittsburgh....	26.5	21.6	Madison.....	2.5	2.2
						Reading.....	4.0	3.3	Milwaukee....	10.9	9.3
ILLINOIS			NEBRASKA			Scranton.....	6.0	4.3	Racine.....	1.3	1.2
Chicago.....	53.0	37.1	Omaha.....	2.3	2.9	Wilkes-Barre..	30.0	6.5			
Davenport.....	2.3	1.4									
Peoria.....	2.6	1.5									
Rockford.....	1.8	1.1									

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

Explanatory Notes

Introduction

Household Data (A tables)

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

Unemployment Insurance Data (F tables)

Seasonal Adjustment

Introduction

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

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, 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 nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the 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 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 religious organizations).

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

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

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

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

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

County Business Patterns. Data in County Business Patterns (CBP), 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, parochial schools, churches and most State and local government activities are not covered by unemployment insurance whereas these are included in BLS establishment statistics.

Household data

(A tables)

COLLECTION AND COVERAGE

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

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

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

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

Each month, 47,000 occupied units are 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 1 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.

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

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

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, 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 non-institutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as 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 government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

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

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

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

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

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

Labor force time lost is a measure of 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 1970 Census of Population, 89 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhite. 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.

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

Vietnam Era veterans are those who served in the Armed Forces of the United States after August 4, 1964. Tables for veterans in this volume are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

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

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

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950

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

Changes in occupational classification system

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

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

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational

shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot be made between 1972 and earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

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

ESTIMATING METHODS

Under the 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 residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, 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

Table A. Average standard error of major employment status categories

[In thousands]

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
BOTH SEXES		
Labor force	205	150
Total employment	210	155
Agriculture	95	60
Nonagricultural employment	210	155
Unemployment	90	95
MALE		
Labor force	115	95
Total employment	125	100
Agriculture	85	55
Nonagricultural employment	130	105
Unemployment	70	80
FEMALE		
Labor force	140	110
Total employment	140	110
Agriculture	35	25
Nonagricultural employment	140	110
Unemployment	60	70

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	—	—	—	—	—

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

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.

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 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 (B, C, D, and E tables)

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 collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and manhours 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 the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construc-

tion, 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 have 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 the Bureau's *Employment and Wages*, *County Business Patterns* of the Bureau of the Census, and additional supporting information such as *The Hospital Guide*, Part II, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

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

Railroad hours and earnings

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

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 of 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 in table E, 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 nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks"

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

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

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 nearly nine-tenths of the total nonagricultural employment in the United States. Benchmarks 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 F.

Table F. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1969-71

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, entitled *Employment and Earnings, United States, 1909-72*.

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

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

Table G. Approximate size and coverage of BLS employment and payrolls sample, March 1971¹

Industry division	Number of establishments in samples	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) ²	3,300	2,649,000	100
State and local	9,900	5,185,000	50

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

² 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 H. 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 ¹	9,965,300	54
Metal mining	63,600	68
Coal mining	57,700	38
Communication:		
Telephone	789,000	83
Telegraph	20,900	70

¹ 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.

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 I 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.

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 I and for individual industries with the specified number of employees in table J. 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

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

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2		
Total private .....	.2	0.1	0.2
Mining .....	.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 ³			

¹ Relative errors relate to March 1971 data.

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

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

out of 20 that the difference would be less than twice the root-mean-square error.

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

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 K presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours and 1 cent for hourly earnings.

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

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

¹ Assuming 12-month intervals between benchmark revisions.

Table K. 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

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 L. 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 L. Relative errors of estimates of job vacancy data

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

¹ Expressed as a percent of the estimate.

STATISTICS FOR STATES AND AREAS

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

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

Unemployment insurance data (F tables)

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

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

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment 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 limitation of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C. 20210.

Seasonal adjustment

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

The seasonal adjustment 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)*, 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 March 1973. Seasonal factors to be used for current adjustment appear in the June 1973 *Employment and Earnings*.

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 the *Handbook of Methods*, BLS Bulletin 1711.