

EMPLOYMENT AND EARNINGS

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Editors' Note

Employment and Earnings, United States, 1909-70, BLS Bulletin 1312-7 is being released this month by the Bureau of Labor Statistics. Based on the establishment survey, the bulletin contains historical data at the national level on industry employment, hours, earnings, and labor turnover. All series are shown from the earliest date available through February 1970. Data have been adjusted to March 1969 benchmarks and are comparable to data appearing in *Employment and Earnings* beginning with the June 1970 issue (Vol. 16 No. 12). The bulletin may be purchased for \$4.25 from the BLS regional offices. (See last page of this issue for details on ordering.)

Beginning with this issue of *Employment and Earnings*, tables C-11 through C-15 will include additional detail on changes in average hourly earnings adjusted to exclude the effects of interindustry employment shifts and overtime premiums. Previously available only for manufacturing, the data are now compiled for the total private nonfarm sector and separately for each industry division. (The effects of overtime are still excluded only for manufacturing establishments.) In the expansion of this series, previously published data for manufacturing have been revised.

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CALENDAR OF FEATURES								
In addition to the monthly data appearing regularly in <i>Employment and Earnings</i> , special features appear in most of the issues, as shown below:								
	Jan.	Feb.	Mar.	Apr.	May	June	July	Oct.
Household data								
Annual averages	x							
Revised seasonally adjusted series and current seasonal factors		x						
Quarterly averages	x			x			x	x
Establishment data								
National annual averages:								
Industry divisions (preliminary)	x							
Industry detail (final)			x					
State and area annual averages					x			
Area definitions					x			
National data adjusted to new benchmarks						(1)		
Revised seasonally adjusted series and current seasonal factors						(1)		

¹ Data shown in this issue are adjusted to March 1969 benchmarks, first published in the June 1970 issue. It is expected that data adjusted to March 1970 benchmarks will be introduced in the August 1971 issue.

Employment and Unemployment Developments, May 1971

Employment rose moderately while the unemployment rate was essentially unchanged between April and May. The overall unemployment rate was 6.2 percent, compared with 6.1 percent in April.

After rising steadily throughout 1970, the jobless rate reached a 9-year high of 6.2 percent in December. Since then, however, unemployment has shown little month-to-month movement, with the rate dipping in the first 2 months of the year but subsequently returning to the December level.

Total employment rose 265,000 in May (seasonally adjusted), returning to the alltime peak reached in March 1970. Nonfarm payroll employment also advanced over the month, with trade accounting for most of the pickup. A small increase in manufacturing employment in May was accompanied by a rise in the factory workweek, returning it to the March level.

Unemployment

The actual number of unemployed persons, which usually declines between April and May, dropped 300,000 this May to 4.4 million. After seasonal adjustment, however, unemployment edged up by 130,000 over the month.

Jobless rates for most major labor force groups showed little change in May. The rates for all adult men (4.5 percent) and for married men (3.3 percent) were not significantly different from their April levels; both were close to their 7-year highs reached in December 1970.

The unemployment rate for women 20 years and over, at 6.0 percent in May, was unchanged over the month at its highest mark since October 1961. However, the rate for 20-24 year-old

women continued its sharp rise of recent months, increasing from 10.3 percent in April to 11.5 percent in May, the highest level in more than a decade.

The unemployment rate for teenagers, at 17.3 percent, also was unchanged in May. The teenage rate has shown little change since reaching the 17-percent mark in the fall of 1970.

The jobless rate for workers covered by State unemployment insurance programs, however, moved up from 3.9 percent in March and April to 4.3 percent in May, seasonally adjusted. After reaching a 1970 high of 4.6 percent during the automobile strike, the State insured rate had fallen to 3.7 percent by February.

Jobless rates in May for both Negro and white workers were about the same as in April. At 10.5 percent, the Negro unemployment rate was not significantly changed over the month but was up from 9.4 percent in March and at its highest point since November 1963. Joblessness among adult Negro women increased again in May (to 10.6 percent), continuing the upward trend in evidence since the beginning of the year. The rate for whites was 5.7 percent in May, its highest level since September 1961.

The unemployment rate for full-time workers moved up in May to 5.8 percent. After having risen steadily throughout 1970, the full-time rate had held at about 5.5 percent between January and April of this year. For part-time workers, the jobless rate was little changed over the month at 9.2 percent.

Among the major industry divisions, the unemployment rate for construction workers, which had dipped to 9.6 percent in April, rose to 11.2 percent in May, a return to its January-March levels. In manufacturing, the jobless rate

was about unchanged for the third consecutive month, continuing below late 1970 highs.

Among occupation groups, unemployment rates in May were up for sales workers (from 4.5 to 5.5 percent) and nonfarm laborers (from 10.2 to 11.5 percent). For craftsmen and foremen, on the other hand, the jobless rate edged down for the second straight month, to 4.1 percent in May.

The average duration of joblessness lengthened in May, primarily reflecting a sizeable increase in very long-term unemployment. The number of persons unemployed 27 or more weeks rose by 150,000 over the month to 580,000, seasonally adjusted, the highest level since May 1963. The average (mean) duration of joblessness increased from 10.9 weeks in April to 11.5 weeks in May, nearly 2 full weeks above the 1970 high reached in December.

The number of persons whose unemployment stemmed from the loss of their last job remained virtually unchanged in May at 2.3 million, down 225,000 from the recent high of December. Joblessness among persons with no previous work history, however, moved up in May to about 750,000; since December, this group of job-seekers has increased by 150,000.

The number of persons who worked part time for economic reasons in nonagricultural industries but wanted full-time jobs totaled 2.5 million in May, seasonally adjusted, about the same as the April level and the 8-year high reached in December. However, the ratio of labor force time lost by persons working part time involuntarily as well as by the unemployed rose from 6.4 percent in April to 6.8 percent in May, after showing little change over the past 5 months. (Labor force time lost is a measure of man-hours lost to the economy through unemployment and involuntary part-time employment taken as a percent of total man-hours offered by those in the labor force.)

Civilian Labor Force and Total Employment

There were 83.1 million persons in the civilian labor force in May, about 200,000 more than in April. After allowance for seasonal changes, the labor force was up nearly 400,000 over the

month. The May increase brought the civilian labor force to its highest level on record, almost 300,000 above the previous high reached in January of this year.

Adult men accounted for nearly half of the May gain, also bringing their labor force to a new high. Adult men have accounted for nearly half of the 1.4 million over-the-year gain in the civilian labor force as well, largely reflecting the net return of young men who had been in the armed forces.

Total employment rose by 265,000, seasonally adjusted, in May, as an increase in nonagricultural employment more than offset a decline in agriculture. The over-the-month gain brought total employment to nearly 79.0 million, equaling its alltime peak reached in March 1970 and well above the 1970 low of last June.

Employment of adult men in May, at 45.7 million (seasonally adjusted), was half a million above the recent 2-year low reached in February and slightly above the alltime high of March 1970. In contrast, employment of adult women, at 26.9 million in May, was still below the record level reached this past January.

Industry Payroll Employment

The number of wage and salary workers on nonagricultural payrolls was 70.8 million in May, 420,000 more than in April. The increase was slightly greater than the usual April-May pickup, and, after seasonal adjustment, payroll employment was up 130,000. This was the first job gain since January, following 3 months of little change, and returned employment to the level of last May. However, payroll employment was still more than 400,000 off the alltime peak reached in March 1970.

More than half of the April-May rise in payroll employment took place in trade, with smaller increases occurring in manufacturing, State and local government, transportation and public utilities, and finance, insurance and real estate. These increases were partially offset by small declines in construction and in services.

The May employment advance in trade (75,000) followed 3 months of virtually no job growth. Over the year, some 260,000 jobs have been added to trade payrolls.

The small increase in manufacturing employment in May (30,000) was the industry's first job pickup this year and followed a month of no change in April. Prior to April, factory employment had declined almost steadily since late 1969, dropping by 1.6 million over the period. The over-the-month rise took place almost entirely in durable goods, particularly in the electrical equipment industry. Employment in nondurable goods industries was virtually unchanged, as a job loss in the food industry largely offset small gains in several other industries.

Employment in both finance, insurance and real estate and State and local government increased by about 20,000 each in May, and there was a 10,000 pickup in transportation and public utilities. The increase in State and local government was a continuation of the growth pattern that has prevailed for many years; over the May 1970-May 1971 period, employment in this sector rose by 440,000, by far the largest increase of any major sector.

In construction, employment edged down by 20,000 between April and May, following gains in the previous 2 months. Employment in this industry was 80,000 below its year-earlier level and 225,000 below its peak reached in December 1969.

Hours of Work

The workweek for all rank-and-file workers on private nonagricultural payrolls was unchanged in May at 37.0 hours (seasonally adjusted), the third consecutive month at this level. The average workweek has remained on a virtual plateau since the fall of 1970. Over-the-month increases in manufacturing, transportation and public utilities, and finance, insurance and real estate offset declines in contract construction and services.

In manufacturing, seasonally adjusted weekly hours moved up by 0.2 hour in May to 39.9 hours, after dropping an equal amount between March and April. The May workweek was near last summer's level (before the automobile strike) but was a full hour below the recent high reached in March 1969. Since the beginning of this year, factory hours have not shown a consistent trend.

The May increase in the factory workweek occurred primarily in the durable goods sector, particularly in primary metals, fabricated metal products, and machinery. The increase returned the durable goods workweek to 40.5 hours, seasonally adjusted, the same as in March and the highest level since last summer. In nondurable goods, the workweek edged up 0.1 hour to 39.3 hours, also one of the highest levels since the summer of 1970.

Factory overtime, at 2.8 hours seasonally adjusted, was at the same level for the third consecutive month, near the 7-year low reached in late 1970. Overtime hours have remained within the narrow range of 2.7 - 2.9 hours since the fall of 1970.

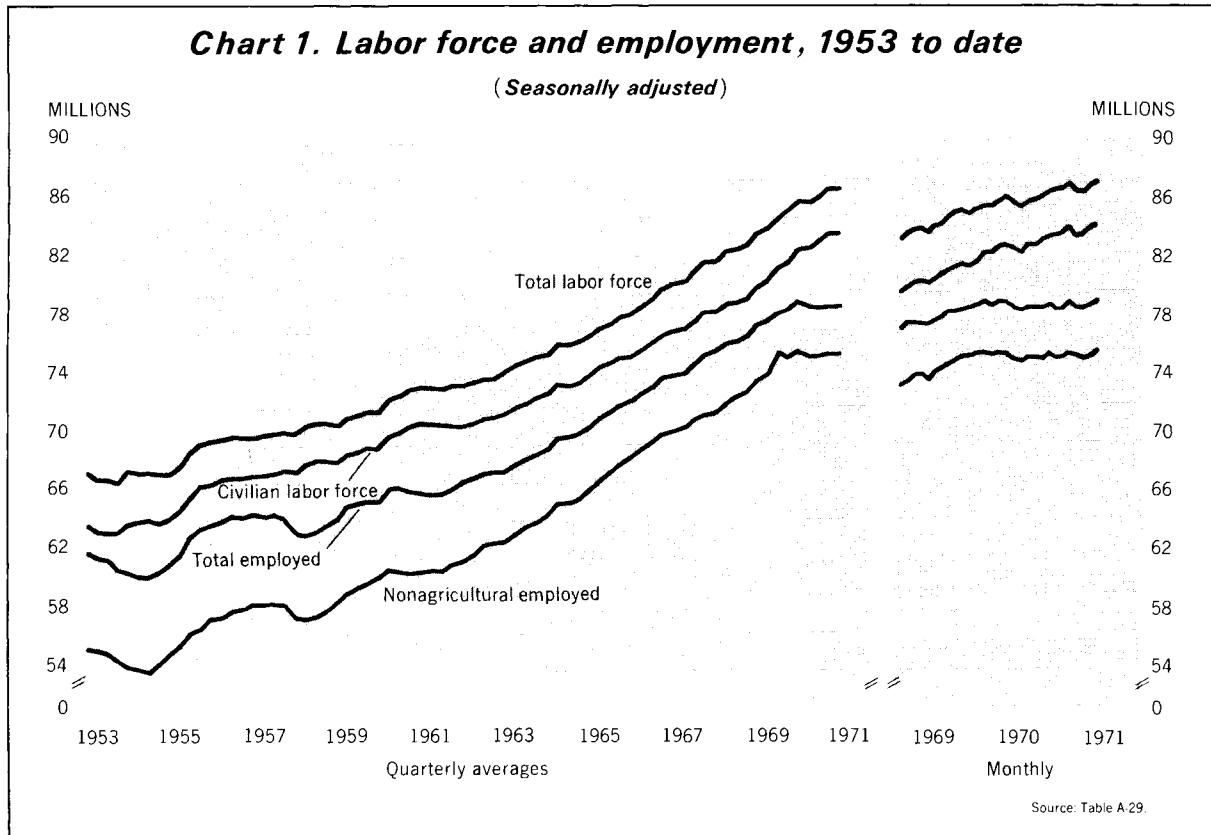
Earnings

Average hourly earnings of rank-and-file workers on private nonagricultural payrolls were \$3.40 in May, up 2 cents from April. Compared with a year ago, hourly earnings have risen by 20 cents or 6.3 percent.

As a result of an increase of 0.2 hour in the workweek (before seasonal adjustment) and the rise in hourly earnings, average weekly earnings increased by \$1.41 over the month to \$125.46. Advances in weekly earnings occurred in all major industry divisions with the exception of services. Compared with May 1970, average weekly earnings were up by \$7.06 or 6.0 percent. During the latest 12-month period for which Consumer Price Index data are available—April 1970 to April 1971—the index rose by 4.3 percent.

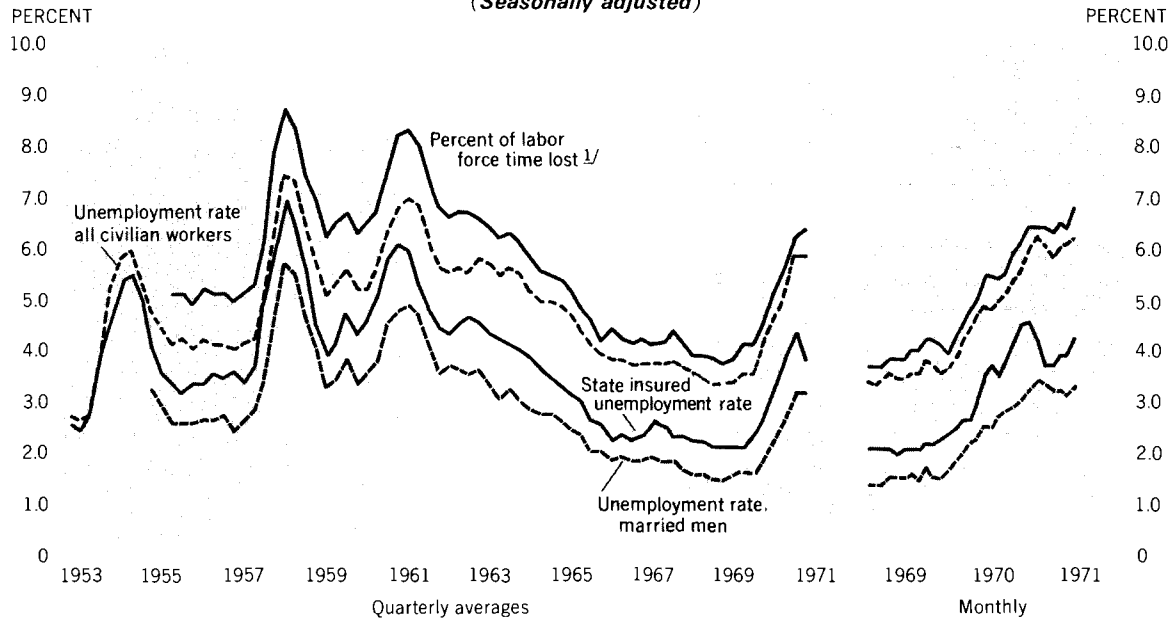
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**Chart 2. Major unemployment indicators
1953 to date**

(Seasonally adjusted)

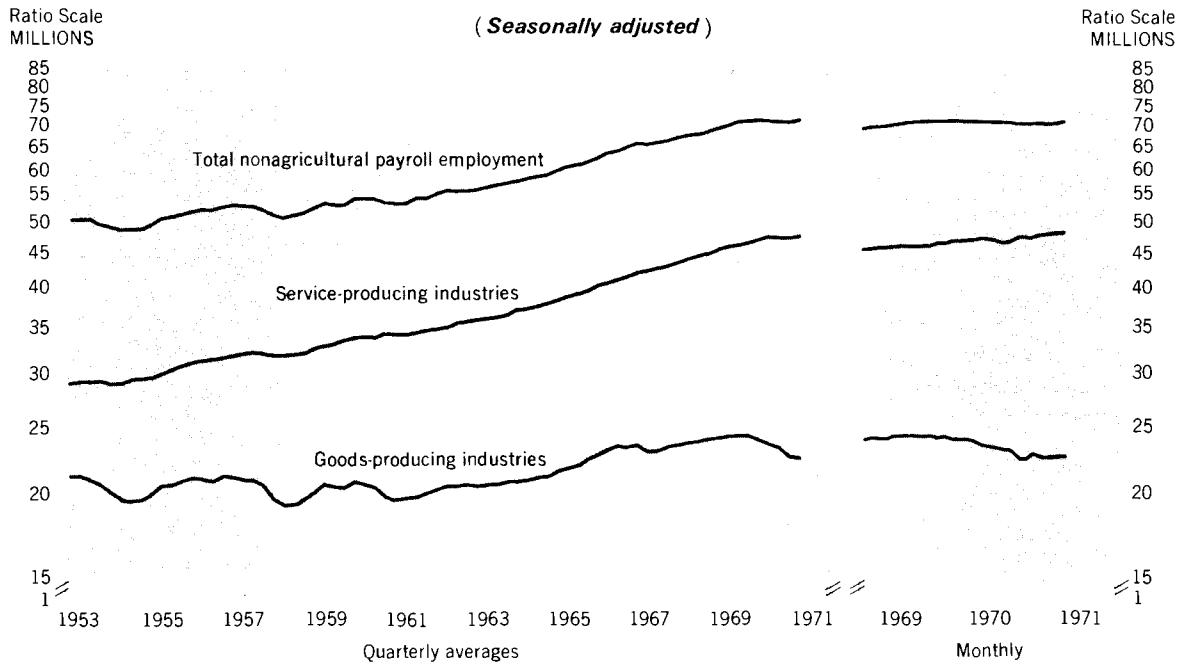


⌋ Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs.

Source: Table A-33.

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

(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

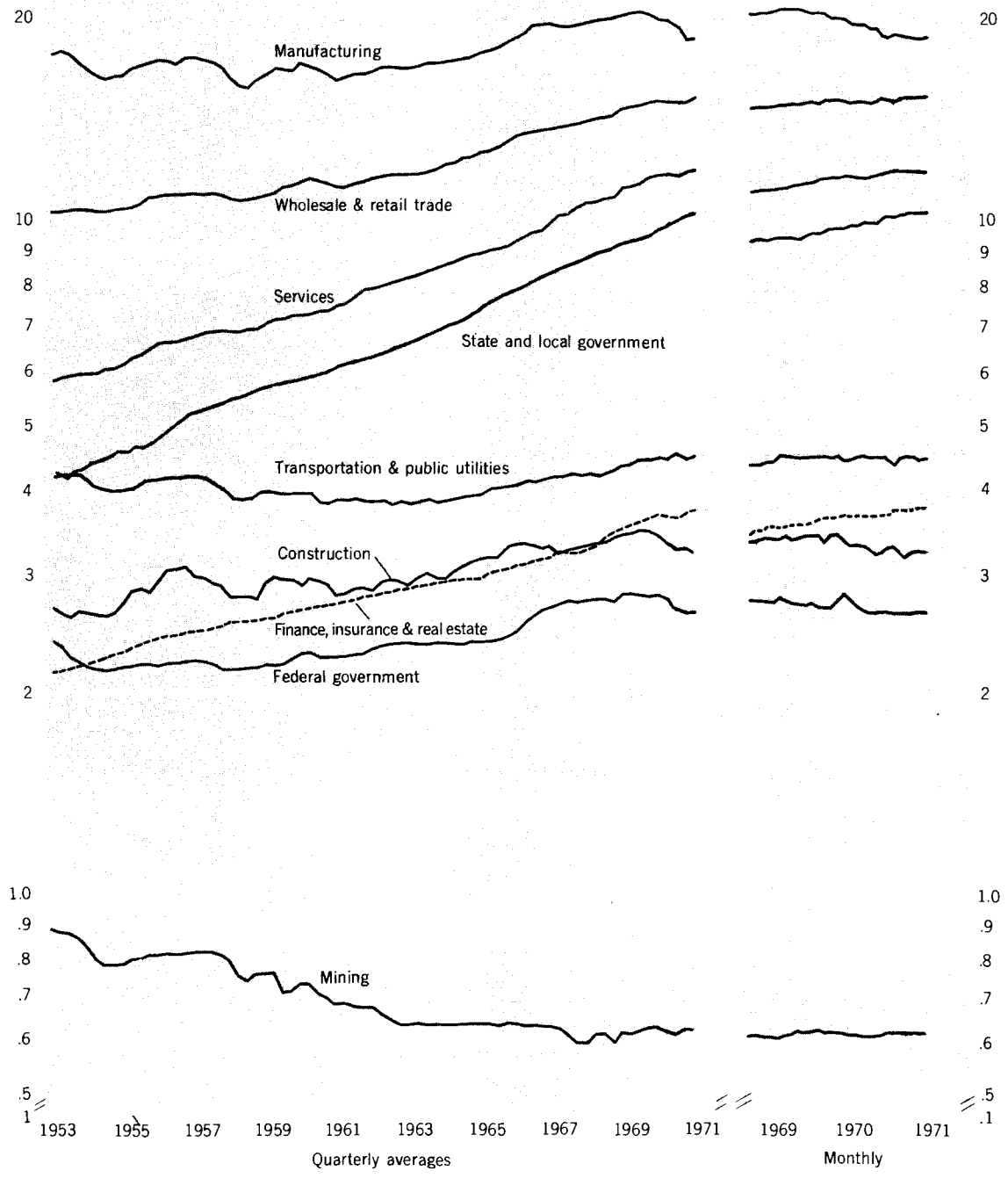
Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

(Seasonally adjusted)

Ratio Scale
MILLIONS
30

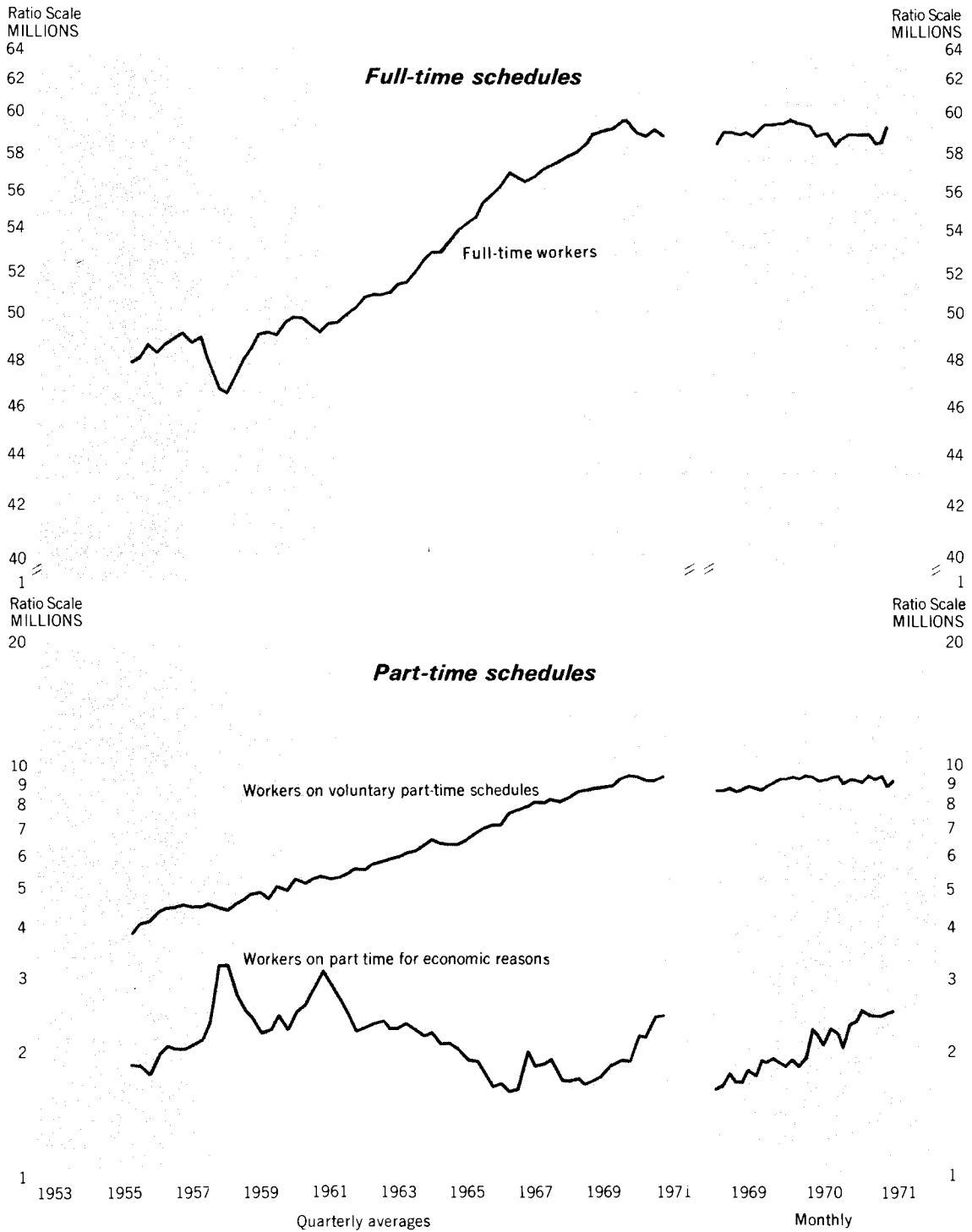
Ratio Scale
MILLIONS
30



Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

**Chart 5. Persons at work full and part time
in nonagricultural industries
1955 to date**
(Seasonally adjusted)



Source: Table A-29 and unpublished data.

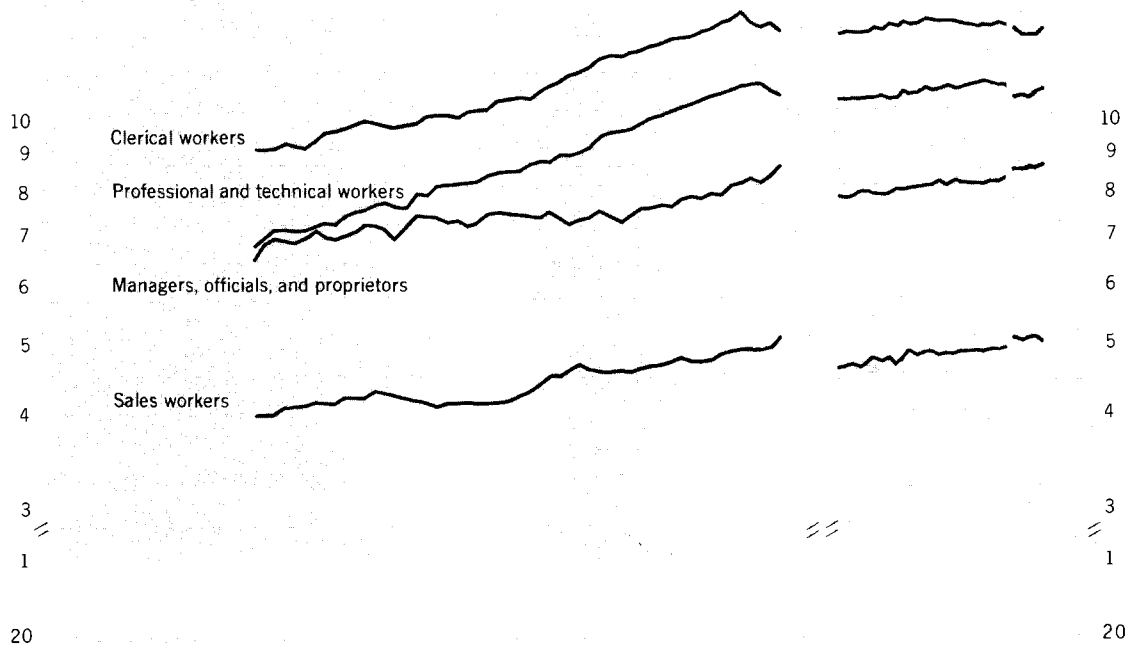
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(Seasonally adjusted)

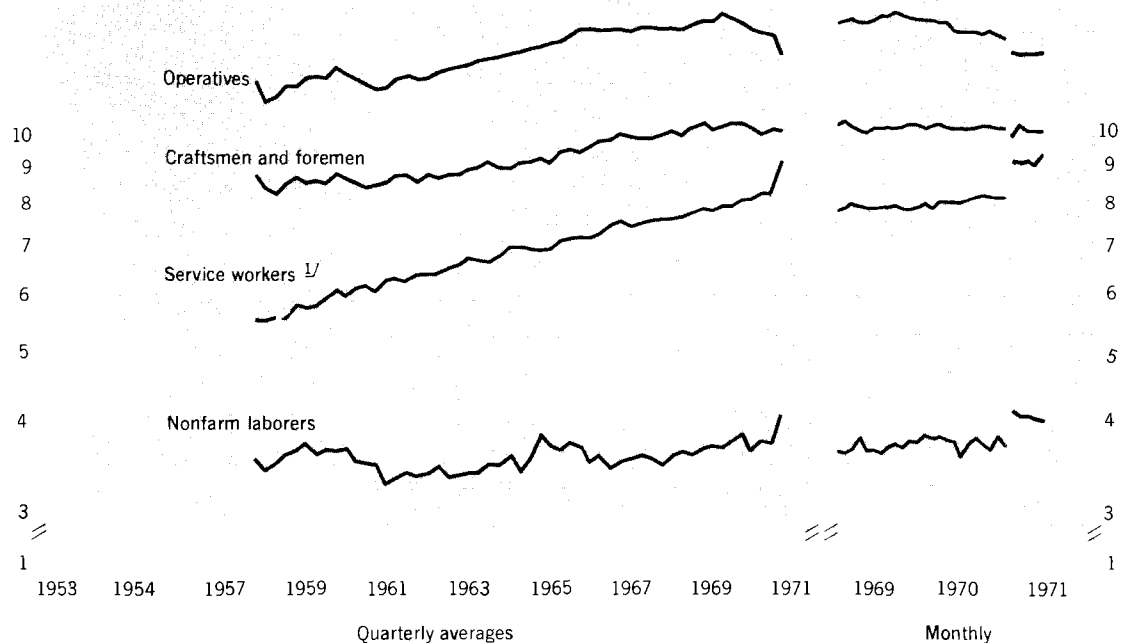
Ratio Scale
MILLIONS
20

Ratio Scale
MILLIONS
20

White-collar workers



Blue-collar and service workers

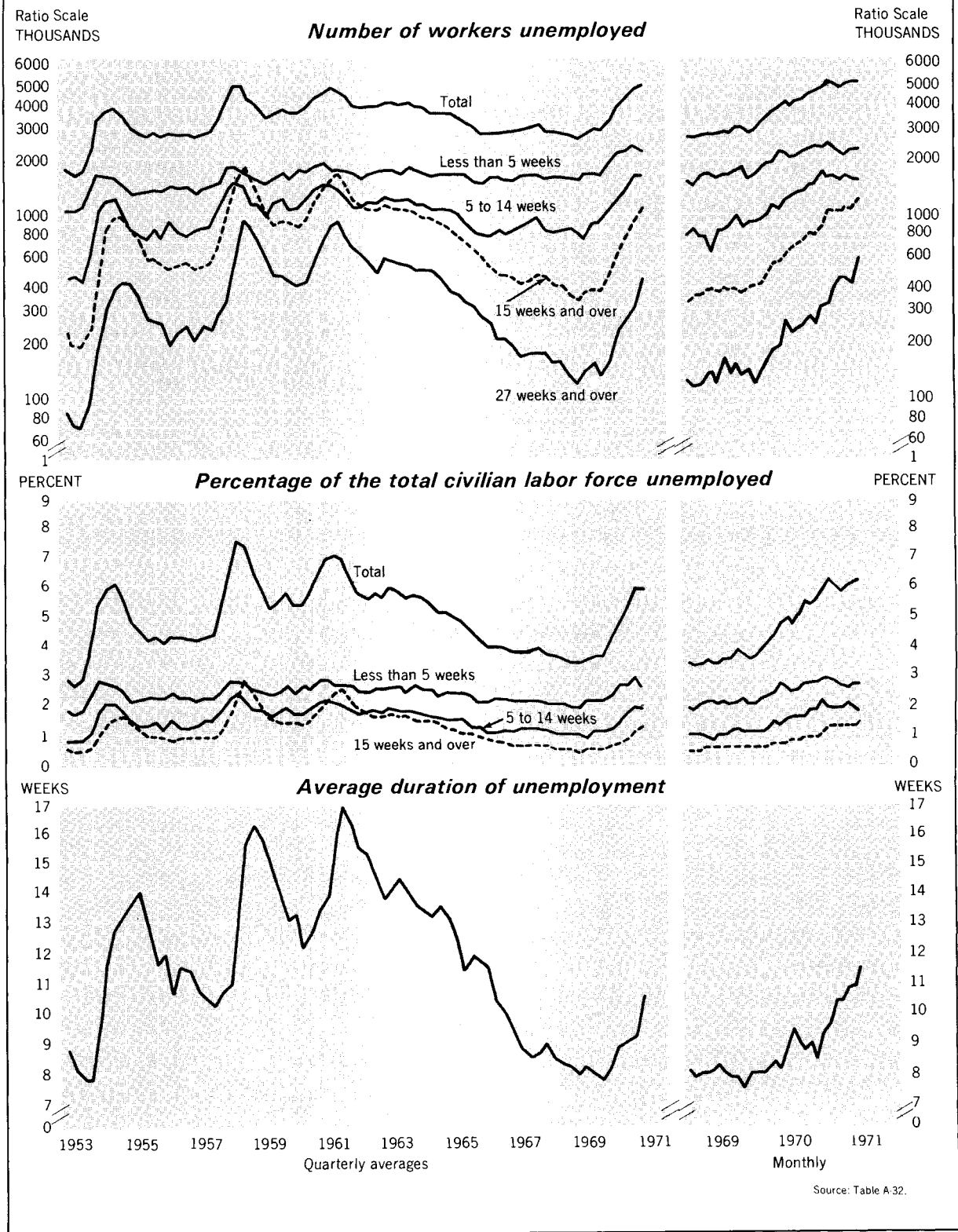


^{1/} Excludes private household workers.

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

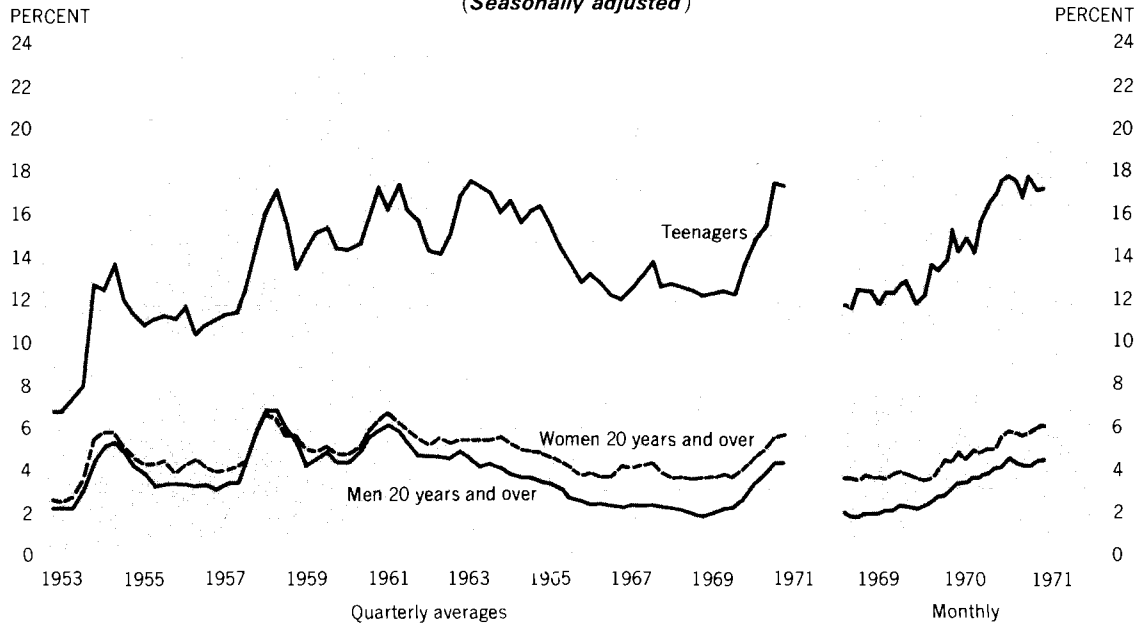
Source: Table A-37.

**Chart 7. Duration of unemployment
1953 to date**
(Seasonally adjusted)



**Chart 8. Unemployment rates by age and sex
1953 to date**

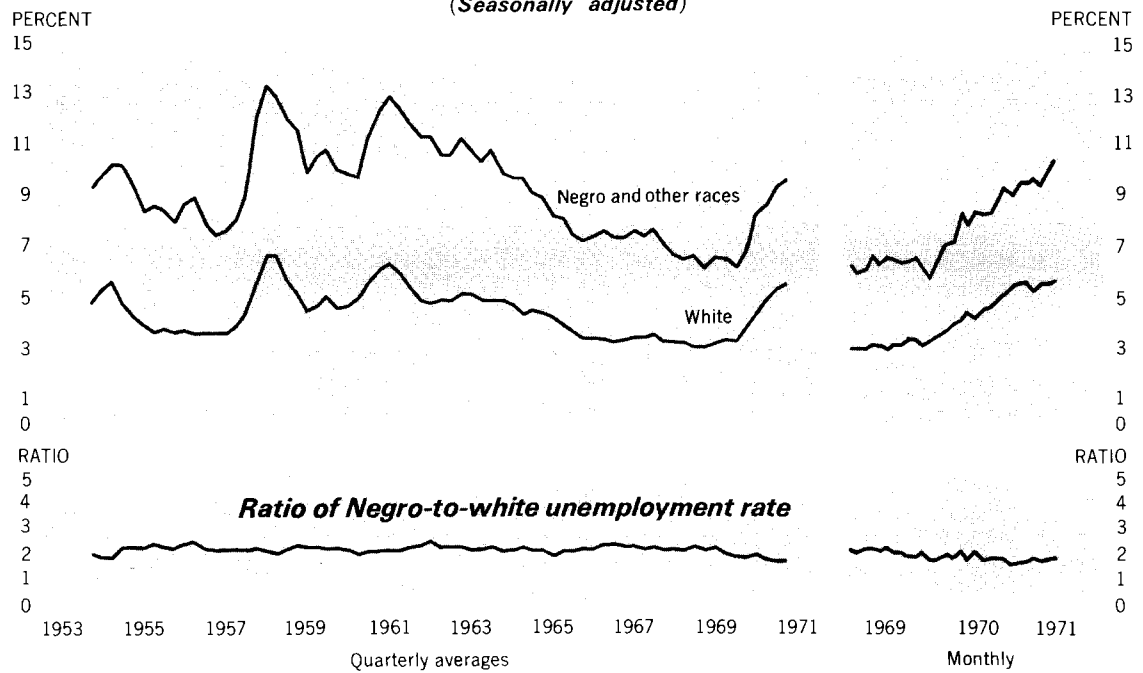
(Seasonally adjusted)



Source: Table A-33.

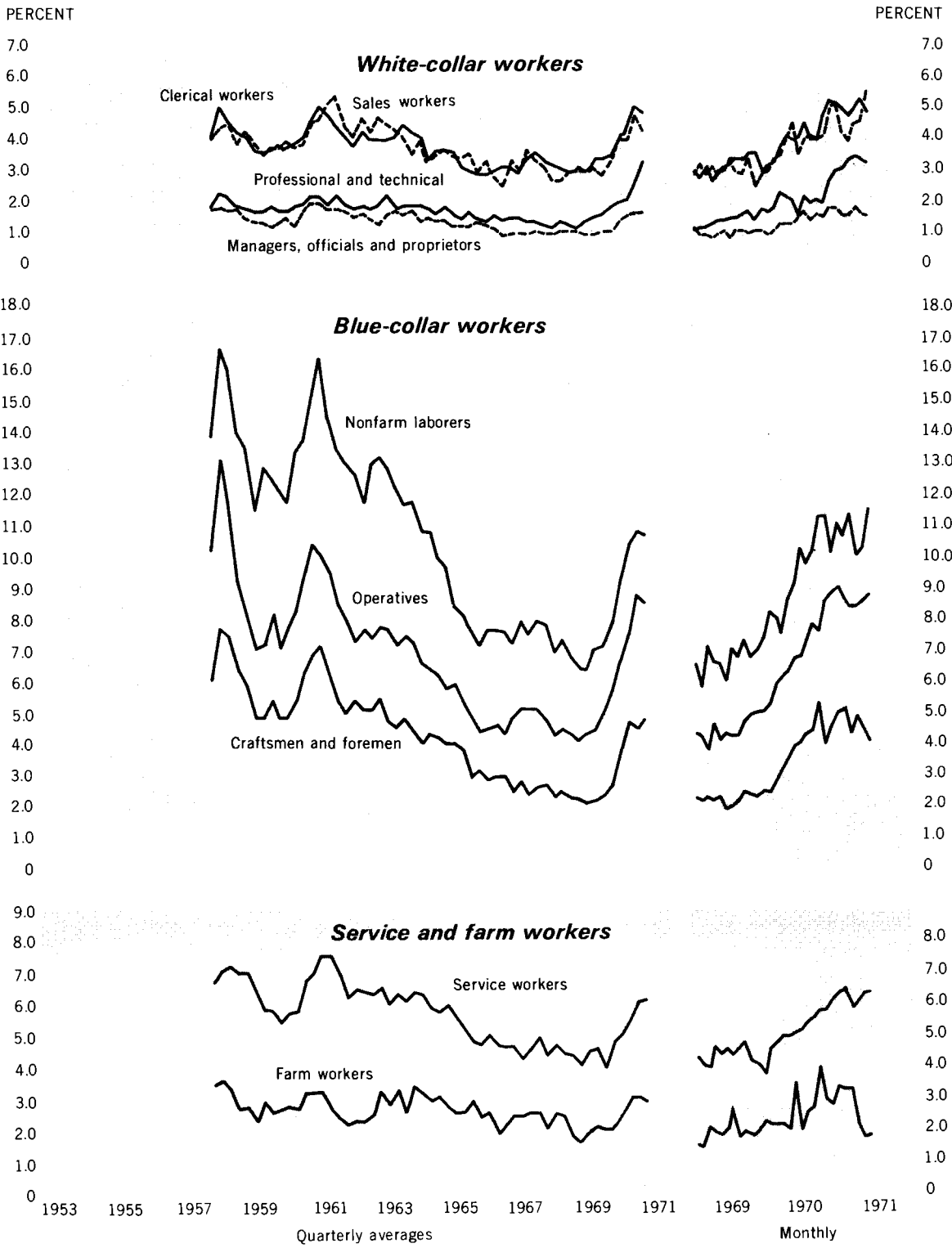
**Chart 9. Unemployment rates by color
1954 to date**

(Seasonally adjusted)



Source: Table A-31.

Chart 10. Unemployment rates by occupation
1958 to date
(Seasonally adjusted)



Source: Table A.33.

Chart 11. Average weekly hours in private nonagricultural establishments, manufacturing, and trade 1953 to date
(Seasonally adjusted)

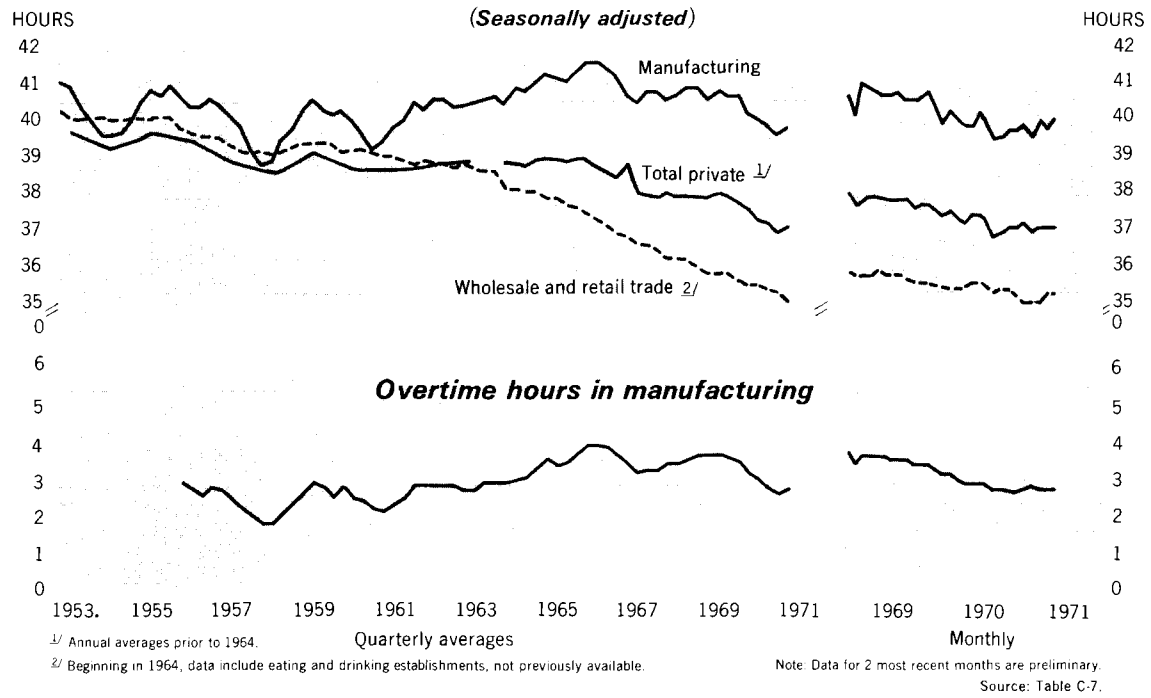


Chart 12. Labor turnover rates in manufacturing 1953 to date
(Seasonally adjusted)

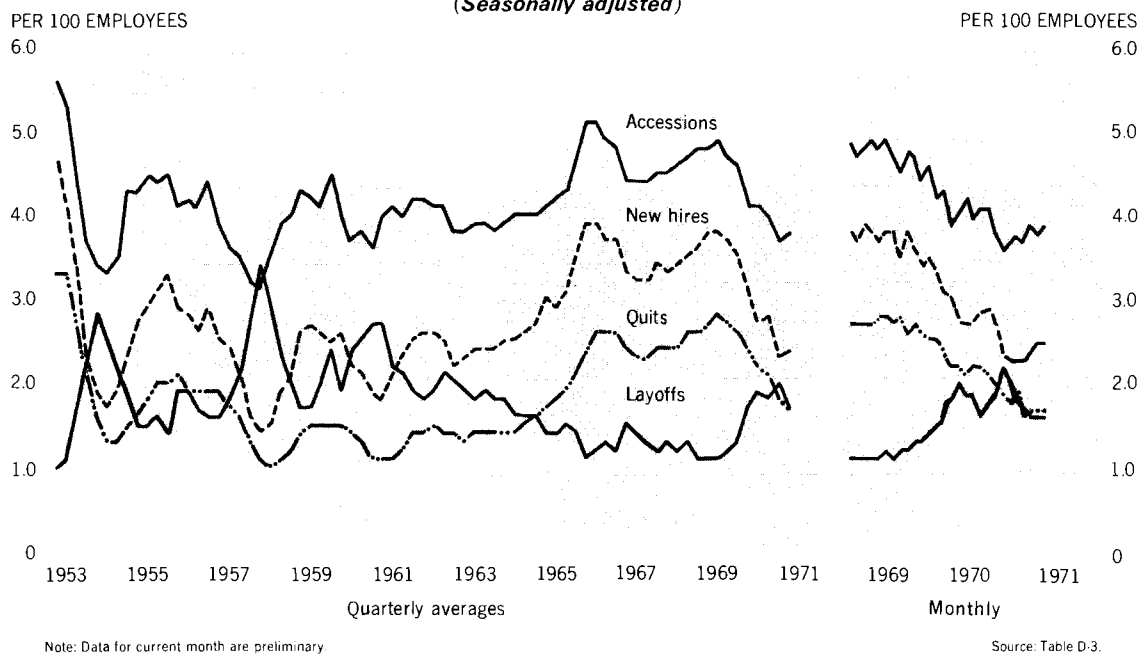
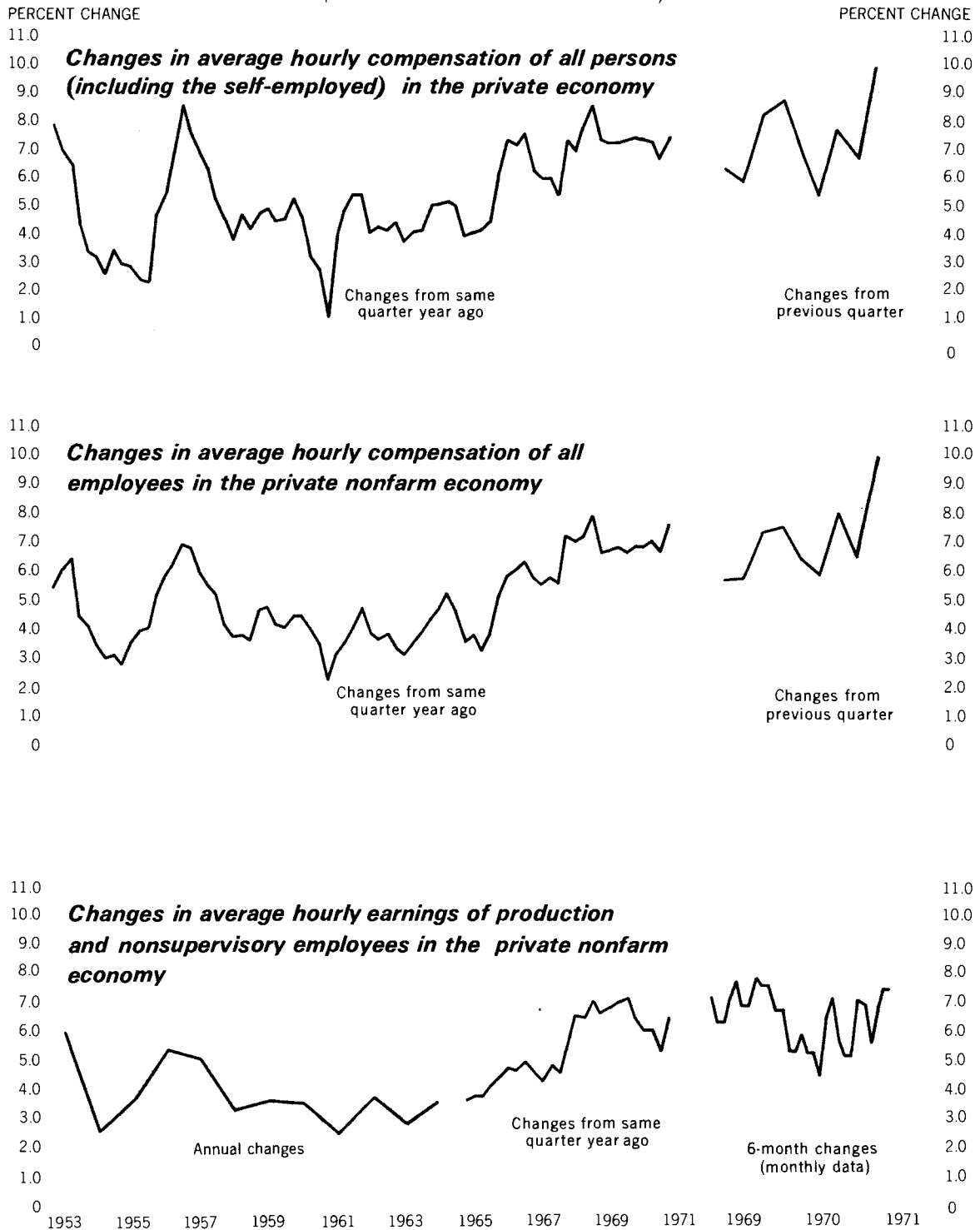


Chart 13. Major compensation trend indicators

1953 to date

(Seasonally adjusted, at annual rates)



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

Chart 14. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date

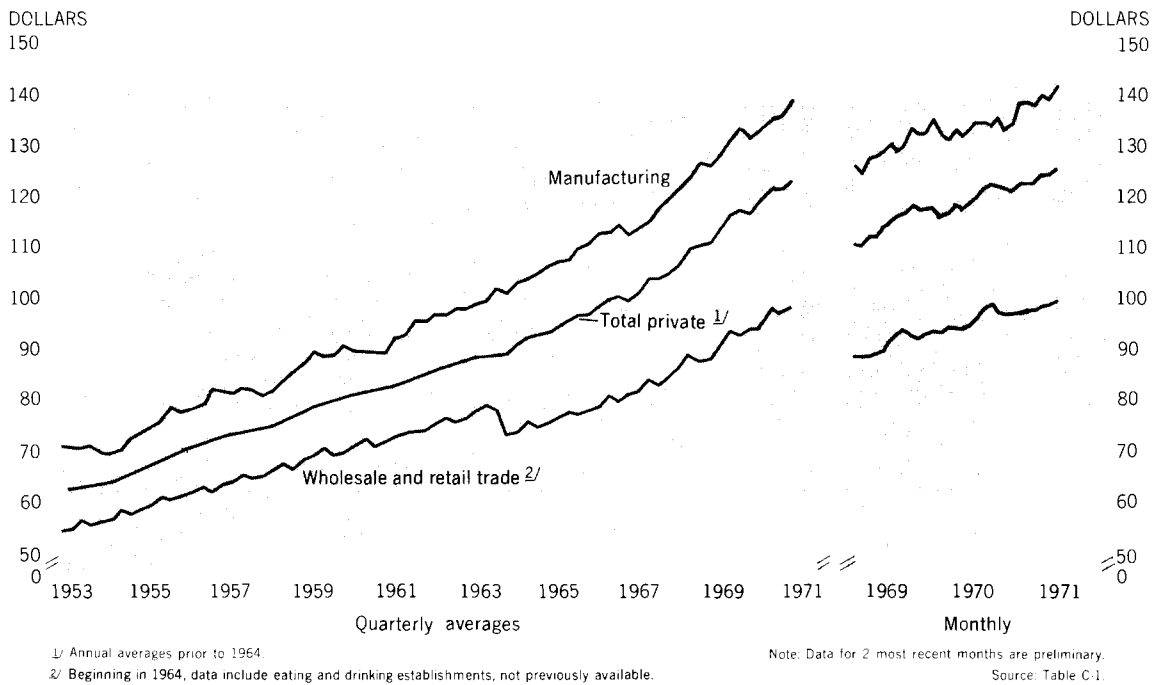
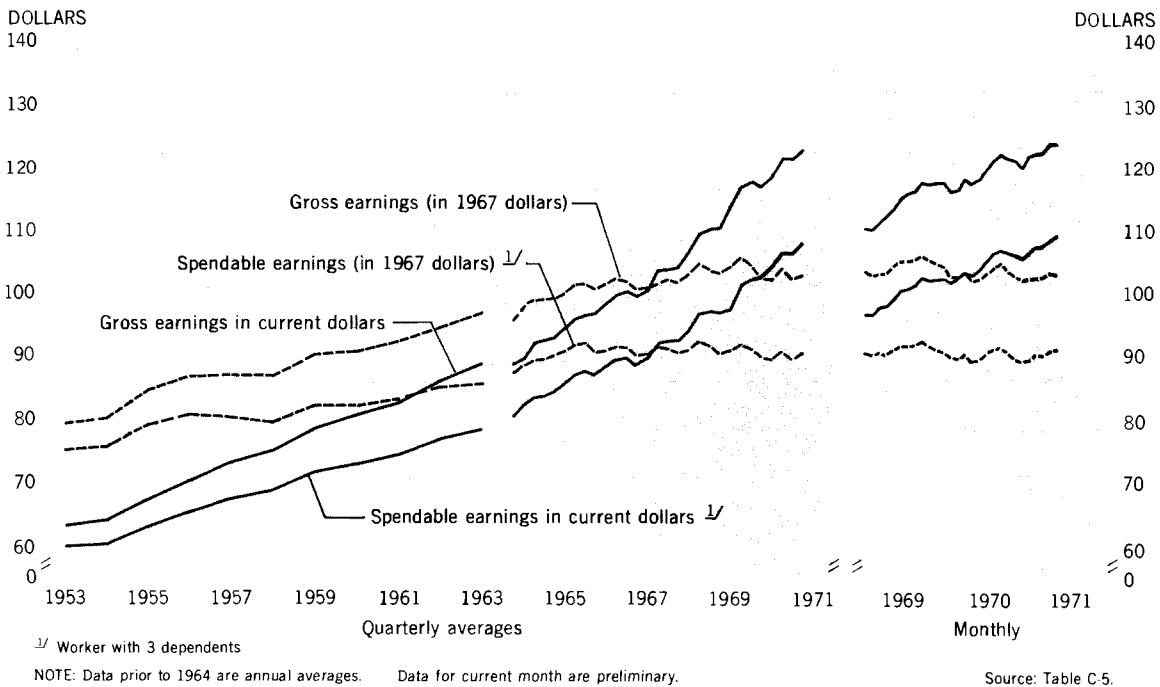


Chart 15. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date



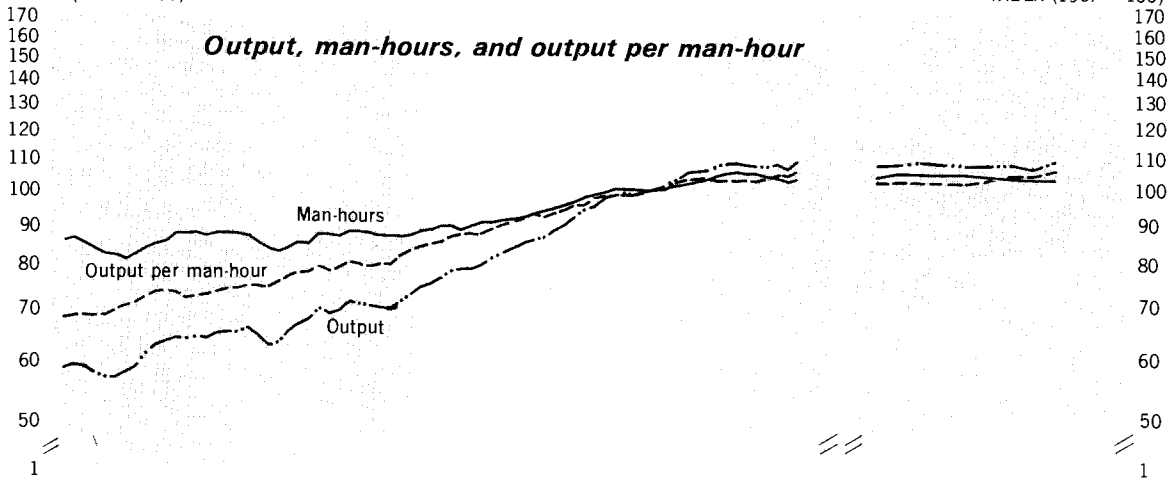
**Chart 16. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy
1953 to date**

(Seasonally adjusted quarterly averages)

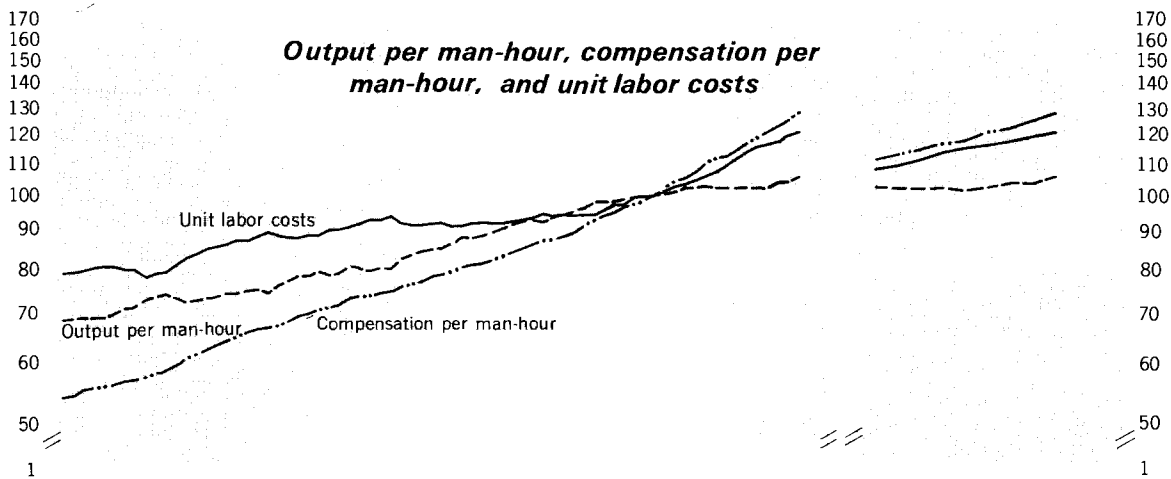
RATIO SCALE
INDEX (1967 = 100)

RATIO SCALE
INDEX (1967 = 100)

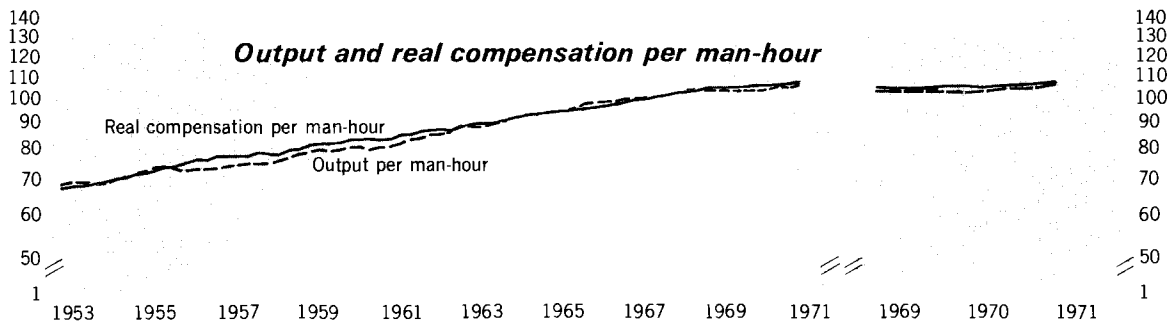
Output, man-hours, and output per man-hour



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



Output and real compensation per man-hour



Source: Table C-10.

HOUSEHOLD DATA

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

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	54,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1970: May.....	139,884	84,968	60.7	81,740	78,357	3,726	74,631	3,383	4.1	4.9	54,915
September.....	140,675	85,655	60.9	82,546	78,254	3,525	74,729	4,292	5.2	5.4	55,019
October.....	140,886	86,254	61.2	83,175	78,916	3,394	75,522	4,259	5.1	5.5	54,631
November.....	141,091	86,386	61.2	83,347	78,740	3,226	75,514	4,607	5.5	5.9	54,705
December.....	141,301	86,165	61.0	83,152	78,515	2,952	75,563	4,637	5.6	6.2	55,137
1971: January.....	141,500	85,628	60.5	82,652	77,238	2,877	74,361	5,414	6.6	6.0	55,872
February.....	141,670	85,653	60.5	82,703	77,262	2,846	74,415	5,442	6.6	5.8	56,017
March.....	141,885	85,598	60.3	82,668	77,493	3,042	74,452	5,175	6.3	6.0	56,286
April.....	142,088	85,780	60.4	82,898	78,204	3,505	74,699	4,694	5.7	6.1	56,308
May.....	142,285	85,954	60.4	83,104	78,709	3,598	75,111	4,394	5.3	6.2	56,331

1Not available.

HOUSEHOLD DATA

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

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agri-culture	Nonagri-cultural indus-tries	Number	Percent of labor force		
									Not season-ally adjusted	Season-ally adjusted	
MALE											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1970: May.....	67,271	53,995	80.3	50,807	48,964	3,057	45,907	1,843	3.6	4.3	13,276
1971: January.....	68,009	53,873	79.2	50,938	47,686	2,456	45,230	3,252	6.4	5.4	14,136
February.....	68,085	53,832	79.1	50,922	47,686	2,424	45,262	3,236	6.4	5.2	14,254
March.....	68,185	53,875	79.0	50,987	47,979	2,595	45,383	3,008	5.9	5.3	14,310
April.....	68,278	54,218	79.4	51,376	48,734	2,920	45,814	2,642	5.1	5.3	14,060
May.....	68,367	54,390	79.6	51,580	49,127	2,930	46,196	2,453	4.8	5.6	13,977
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
1970: May.....	72,613	30,974	42.7	30,933	29,393	669	28,724	1,540	5.0	5.8	41,639
1971: January.....	73,490	31,754	43.2	31,714	29,552	421	29,131	2,162	6.8	6.9	41,736
February.....	73,585	31,821	43.2	31,781	29,575	422	29,153	2,206	6.9	6.8	41,763
March.....	73,700	31,723	43.0	31,682	29,515	447	29,068	2,167	6.8	7.2	41,977
April.....	73,810	31,562	42.8	31,521	29,469	585	28,885	2,052	6.5	7.3	42,248
May.....	73,918	31,564	42.7	31,524	29,583	668	28,915	1,941	6.2	7.2	42,354

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

May 1971
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
MALE											
16 years and over	54,390	79.6	51,580	49,127	2,453	4.8	13,977	314	4,607	1,707	7,349
16 to 21 years	6,990	62.1	5,913	5,123	790	13.4	4,271	28	3,872	36	335
16 to 19 years	4,208	54.5	3,897	3,347	550	14.1	3,509	24	3,228	18	239
16 and 17 years	1,761	44.5	1,736	1,488	248	14.3	2,200	10	2,079	9	102
18 and 19 years	2,446	65.1	2,161	1,859	302	14.0	1,309	14	1,149	9	137
20 to 64 years	48,008	91.5	45,509	43,673	1,836	4.0	4,467	121	1,379	1,081	1,887
20 to 24 years	7,470	84.2	6,009	5,417	592	9.8	1,402	9	1,109	52	232
25 to 54 years	33,346	95.5	32,311	31,304	1,006	3.1	1,571	66	267	570	669
25 to 29 years	6,584	94.7	6,219	5,959	260	4.2	370	13	184	66	107
30 to 34 years	5,558	97.2	5,304	5,127	176	3.3	159	11	44	43	62
35 to 39 years	5,194	96.7	4,952	4,805	147	3.0	175	11	13	74	76
40 to 44 years	5,475	96.2	5,364	5,223	141	2.6	214	7	11	105	90
45 to 49 years	5,550	94.8	5,508	5,374	135	2.4	302	15	8	123	155
50 to 54 years	4,984	93.4	4,965	4,816	148	3.0	352	9	6	158	178
55 to 64 years	7,191	82.8	7,188	6,950	237	3.3	1,494	45	3	459	986
55 to 59 years	4,256	89.5	4,253	4,119	134	3.1	502	12	1	192	296
60 to 64 years	2,936	74.7	2,935	2,832	104	3.5	992	34	2	267	690
65 years and over	2,175	26.6	2,175	2,107	68	3.1	6,001	169	1	608	5,223
65 to 69 years	1,290	41.4	1,290	1,233	57	4.4	1,822	47	1	169	1,605
70 years and over	886	17.5	886	874	11	1.3	4,179	121	-	440	3,618
White											
16 years and over	48,938	80.1	46,442	44,376	2,067	4.5	12,169	264	3,912	1,344	6,649
16 to 21 years	6,198	63.5	5,241	4,609	631	12.0	3,566	21	3,257	25	263
16 to 19 years	3,783	56.6	3,505	3,063	442	12.6	2,901	19	2,687	16	180
16 and 17 years	1,610	47.0	1,587	1,388	199	12.5	1,812	10	1,714	7	81
18 and 19 years	2,173	66.6	1,919	1,676	243	12.7	1,089	9	972	9	99
20 to 64 years	43,170	92.0	40,952	39,388	1,564	3.8	3,771	93	1,224	838	1,615
20 to 24 years	6,566	84.4	5,258	4,769	489	9.3	1,215	5	985	32	192
25 to 54 years	30,008	96.0	29,101	28,236	865	3.0	1,243	48	236	416	542
25 to 34 years	10,817	96.2	10,274	9,904	370	3.6	428	13	204	74	138
35 to 44 years	9,591	97.0	9,283	9,038	246	2.6	296	14	20	133	128
45 to 54 years	9,599	94.9	9,543	9,295	248	2.6	519	21	12	209	276
55 to 64 years	6,596	83.4	6,593	6,383	210	3.2	1,314	39	3	390	881
55 to 59 years	3,887	89.9	3,884	3,762	122	3.1	436	11	1	160	264
60 to 64 years	2,709	75.5	2,708	2,621	87	3.2	878	29	2	230	617
65 years and over	1,985	26.5	1,985	1,924	61	3.1	5,497	152	1	491	4,854
Negro and other races											
16 years and over	5,452	75.1	5,138	4,751	387	7.5	1,808	50	695	362	700
16 to 21 years	792	52.9	672	513	159	23.6	705	8	615	11	73
16 to 19 years	424	41.1	391	283	108	27.5	608	6	541	3	59
16 and 17 years	151	28.1	149	100	49	32.7	388	-	365	2	21
18 and 19 years	273	55.4	242	183	59	24.3	220	5	176	1	38
20 to 64 years	4,838	87.4	4,557	4,284	272	6.0	696	28	154	242	272
20 to 24 years	903	82.9	751	649	102	13.6	187	3	124	19	40
25 to 54 years	3,338	91.0	3,211	3,068	143	4.5	329	18	31	153	126
25 to 34 years	1,326	92.9	1,248	1,182	66	5.3	101	11	24	35	31
35 to 44 years	1,078	92.1	1,032	990	42	4.1	93	4	4	47	38
45 to 54 years	935	87.4	930	895	35	3.8	135	3	2	72	57
55 to 64 years	596	76.8	595	568	28	4.6	180	6	-	69	105
55 to 59 years	369	84.9	368	357	11	3.1	66	1	-	32	33
60 to 64 years	227	66.4	227	211	16	7.2	115	5	-	37	73
65 years and over	190	27.4	190	183	7	3.6	504	17	-	118	369

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

May 1971
(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	31,564	42.7	31,524	29,583	1,941	6.2	42,354	35,235	4,649	953	1,517
16 to 21 years	4,884	44.1	4,865	4,202	663	13.6	6,179	1,724	4,235	18	202
16 to 19 years	2,966	39.2	2,956	2,525	432	14.6	4,597	788	3,654	12	143
16 and 17 years	1,182	30.5	1,182	975	206	17.5	2,692	202	2,419	3	69
18 and 19 years	1,784	48.4	1,775	1,549	225	12.7	1,904	586	1,235	9	74
20 to 64 years	27,544	49.9	27,513	26,033	1,480	5.4	27,685	25,700	982	305	697
20 to 24 years	4,940	56.1	4,921	4,446	475	9.7	3,869	2,975	765	11	119
25 to 54 years	18,429	50.3	18,417	17,554	863	4.7	18,191	17,462	212	163	354
25 to 29 years	3,193	45.3	3,189	2,962	227	7.1	3,861	3,688	87	33	53
30 to 34 years	2,696	45.7	2,694	2,552	142	5.3	3,205	3,099	35	11	60
35 to 39 years	2,774	49.8	2,772	2,641	131	4.7	2,798	2,699	33	19	47
40 to 44 years	3,183	53.1	3,182	3,056	125	3.9	2,810	2,703	21	29	58
45 to 49 years	3,487	55.4	3,486	3,344	141	4.1	2,803	2,687	29	27	60
50 to 54 years	3,096	53.3	3,096	2,999	97	3.1	2,714	2,587	6	44	77
55 to 64 years	4,176	42.6	4,176	4,034	142	3.4	5,625	5,263	7	132	224
55 to 59 years	2,533	48.1	2,533	2,443	90	3.5	2,734	2,598	3	52	81
60 to 64 years	1,643	36.2	1,643	1,591	52	3.2	2,891	2,665	3	80	143
65 years and over	1,054	9.5	1,054	1,025	29	2.7	10,072	8,747	13	636	677
65 to 69 years	643	17.0	643	627	16	2.5	3,138	2,876	5	72	183
70 years and over	410	5.6	410	397	13	3.1	6,934	5,870	7	564	493
White											
16 years and over	27,515	41.9	27,479	25,957	1,522	5.5	38,084	32,101	3,861	761	1,361
16 to 21 years	4,352	45.8	4,335	3,808	527	12.2	5,160	1,445	3,525	16	174
16 to 19 years	2,686	41.3	2,678	2,321	357	13.3	3,813	662	3,016	10	125
16 and 17 years	1,086	32.7	1,086	917	169	15.6	2,235	170	2,003	3	59
18 and 19 years	1,600	50.3	1,592	1,404	187	11.8	1,578	492	1,012	7	66
20 to 64 years	23,858	48.8	23,830	22,691	1,139	4.8	24,993	23,324	833	225	610
20 to 24 years	4,302	56.2	4,285	3,922	364	8.5	3,351	2,586	661	9	95
25 to 54 years	15,814	49.0	15,804	15,152	651	4.1	16,490	15,898	168	112	311
25 to 34 years	4,911	43.3	4,905	4,655	249	5.1	6,425	6,190	96	30	109
35 to 44 years	5,097	50.3	5,094	4,893	201	3.9	5,041	4,881	40	34	87
45 to 54 years	5,807	53.6	5,805	5,605	201	3.5	5,024	4,828	32	48	117
55 to 64 years	3,741	42.1	3,741	3,617	124	3.3	5,152	4,840	5	104	203
55 to 59 years	2,260	47.5	2,259	2,184	76	3.4	2,498	2,382	3	40	73
60 to 64 years	1,482	35.8	1,482	1,433	48	3.2	2,654	2,458	2	63	131
65 years and over	971	9.5	971	945	26	2.7	9,278	8,114	12	526	627
Negro and other races											
16 years and over	4,049	48.7	4,045	3,626	419	10.4	4,270	3,134	788	192	156
16 to 21 years	532	34.3	529	394	135	25.5	1,019	279	710	1	28
16 to 19 years	280	26.3	279	204	75	26.8	784	126	638	1	18
16 and 17 years	95	17.3	95	59	37	38.7	457	32	415	-	10
18 and 19 years	184	36.1	183	145	38	20.7	327	94	223	2	8
20 to 64 years	3,687	57.8	3,684	3,342	342	9.3	2,692	2,375	149	81	87
20 to 24 years	638	55.2	635	524	111	17.5	518	388	104	2	24
25 to 54 years	2,615	60.6	2,614	2,402	212	8.1	1,701	1,564	44	50	43
25 to 34 years	979	60.4	978	858	120	12.3	642	597	26	14	5
35 to 44 years	860	60.3	860	805	55	6.4	566	521	14	14	18
45 to 54 years	776	61.2	776	738	37	4.8	492	446	3	23	20
55 to 64 years	435	47.9	435	417	18	4.2	474	423	2	28	20
55 to 59 years	273	53.6	273	259	14	5.1	236	216	-	12	8
60 to 64 years	161	40.5	161	157	4	2.6	237	207	2	16	12
65 years and over	82	9.4	82	80	2	2.9	794	633	1	110	50

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	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
MALE								
16 years and over	54,390	53,995	79.6	80.3	51,580	50,807	78.7	79.3
16 to 19 years	4,208	4,134	54.5	55.1	3,897	3,740	52.6	52.6
16 and 17 years	1,761	1,705	44.5	44.1	1,736	1,677	44.1	43.7
18 and 19 years	2,446	2,430	65.1	66.8	2,161	2,064	62.3	63.0
20 to 24 years	7,470	7,196	84.2	85.0	6,009	5,481	81.1	81.1
25 to 54 years	33,346	33,243	95.5	96.0	32,311	32,167	95.4	95.8
25 to 34 years	12,143	11,903	95.8	96.3	11,522	11,244	95.6	96.1
35 to 44 years	10,669	10,856	96.5	97.2	10,315	10,510	96.4	97.1
45 to 54 years	10,534	10,484	94.2	94.3	10,473	10,414	94.1	94.3
55 to 64 years	7,191	7,170	82.8	83.6	7,188	7,167	82.8	83.5
55 to 59 years	4,256	4,223	89.5	89.6	4,253	4,220	89.4	89.6
60 to 64 years	2,936	2,947	74.7	76.2	2,935	2,947	74.7	76.2
65 years and over	2,175	2,251	26.6	27.9	2,175	2,250	26.6	27.9
White								
16 years and over	48,938	48,575	80.1	80.7	46,442	45,684	79.2	79.7
16 to 19 years	3,783	3,710	56.6	57.0	3,505	3,346	54.7	54.5
16 and 17 years	1,610	1,564	47.0	46.8	1,587	1,538	46.7	46.4
18 and 19 years	2,173	2,145	66.6	67.9	1,919	1,808	63.8	64.0
20 to 24 years	6,566	6,331	84.4	85.0	5,258	4,763	81.2	81.0
25 to 54 years	30,008	29,931	96.0	96.4	29,101	28,976	95.9	96.3
25 to 34 years	10,817	10,618	96.2	96.7	10,274	10,034	96.0	96.5
35 to 44 years	9,591	9,758	97.0	97.6	9,283	9,452	96.9	97.5
45 to 54 years	9,599	9,556	94.9	95.0	9,543	9,490	94.8	95.0
55 to 64 years	6,596	6,569	83.4	84.1	6,593	6,566	83.4	84.1
55 to 59 years	3,887	3,865	89.9	90.3	3,884	3,862	89.9	90.3
60 to 64 years	2,709	2,704	75.5	76.5	2,708	2,703	75.5	76.5
65 years and over	1,985	2,033	26.5	27.5	1,985	2,033	26.5	27.5
Negro and other races								
16 years and over	5,452	5,420	75.1	76.7	5,138	5,124	74.0	75.7
16 to 19 years	424	425	41.1	42.6	391	395	39.1	40.8
16 and 17 years	151	140	28.1	27.1	149	139	27.7	26.9
18 and 19 years	273	284	55.4	59.5	242	255	52.4	56.9
20 to 24 years	903	865	82.9	84.9	751	718	80.1	82.4
25 to 54 years	3,338	3,312	91.0	91.9	3,211	3,192	90.7	91.6
25 to 34 years	1,326	1,285	92.9	93.4	1,248	1,210	92.5	93.0
35 to 44 years	1,078	1,099	92.1	93.9	1,032	1,059	91.7	93.6
45 to 54 years	935	928	87.4	87.9	930	924	87.3	87.9
55 to 64 years	596	601	76.8	78.3	595	601	76.8	78.3
55 to 59 years	369	358	84.9	83.0	368	357	84.9	82.9
60 to 64 years	227	243	66.4	72.4	227	243	66.4	72.4
65 years and over	190	217	27.4	31.9	190	217	27.4	31.9

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	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
FEMALE								
16 years and over	31,564	30,974	42.7	42.7	31,524	30,933	42.7	42.6
16 to 19 years	2,966	2,910	39.2	39.6	2,956	2,900	39.1	39.5
16 and 17 years	1,182	1,151	30.5	30.4	1,182	1,151	30.5	30.4
18 and 19 years	1,784	1,759	48.4	49.3	1,775	1,749	48.2	49.1
20 to 24 years	4,940	4,742	56.1	56.3	4,921	4,723	56.0	56.2
25 to 34 years	18,429	18,145	50.3	49.9	18,417	18,133	50.3	49.9
25 to 34 years	5,889	5,683	45.5	45.0	5,883	5,676	45.4	44.9
35 to 44 years	5,957	5,982	51.5	51.1	5,953	5,978	51.5	51.1
45 to 54 years	6,583	6,480	54.4	54.0	6,581	6,479	54.4	54.0
55 to 64 years	4,176	4,142	42.6	43.0	4,176	4,141	42.6	43.0
55 to 59 years	2,533	2,546	48.1	49.0	2,533	2,546	48.1	49.0
60 to 64 years	1,643	1,596	36.2	36.0	1,643	1,596	36.2	36.0
65 years and over	1,054	1,036	9.5	9.5	1,054	1,036	9.5	9.5
White								
16 years and over	27,515	27,014	41.9	41.9	27,479	26,978	41.9	41.8
16 to 19 years	2,686	2,613	41.3	41.3	2,678	2,605	41.3	41.2
16 and 17 years	1,086	1,057	32.7	32.5	1,086	1,057	32.7	32.5
18 and 19 years	1,600	1,556	50.3	50.6	1,592	1,547	50.2	50.5
20 to 24 years	4,302	4,121	56.2	56.1	4,285	4,104	56.1	56.0
25 to 34 years	15,814	15,616	49.0	48.6	15,804	15,605	48.9	48.6
25 to 34 years	4,911	4,766	43.3	43.0	4,905	4,760	43.3	43.0
35 to 44 years	5,097	5,128	50.3	49.9	5,094	5,125	50.3	49.9
45 to 54 years	5,807	5,723	53.6	53.2	5,805	5,721	53.6	53.2
55 to 64 years	3,741	3,734	42.1	42.7	3,741	3,733	42.1	42.7
55 to 59 years	2,260	2,282	47.5	48.6	2,259	2,282	47.5	48.6
60 to 64 years	1,482	1,452	35.8	35.8	1,482	1,452	35.8	35.8
65 years and over	971	930	9.5	9.3	971	930	9.5	9.3
Negro and other races								
16 years and over	4,049	3,959	48.7	49.0	4,045	3,956	48.6	49.0
16 to 19 years	280	297	26.3	29.0	279	296	26.2	28.9
16 and 17 years	95	94	17.3	17.7	95	94	17.3	17.7
18 and 19 years	184	203	36.1	41.0	183	202	35.9	40.9
20 to 24 years	638	621	55.2	57.5	635	619	55.1	57.4
25 to 34 years	2,615	2,529	60.6	59.8	2,614	2,528	60.6	59.7
25 to 34 years	979	917	60.4	58.6	978	916	60.4	58.6
35 to 44 years	860	854	60.3	59.9	860	853	60.3	59.9
45 to 54 years	776	758	61.2	61.0	776	758	61.2	61.0
55 to 64 years	435	408	47.9	46.1	435	408	47.9	46.1
55 to 59 years	273	264	53.6	52.9	273	264	53.6	52.9
60 to 64 years	161	144	40.5	37.3	161	144	40.5	37.3
65 years and over	82	105	9.4	12.4	82	105	9.4	12.4

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

May 1971
(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	22,325	11,261	11,063	19,276	9,764	9,512	3,048	1,498	1,551
Total labor force	11,874	6,990	4,884	10,550	6,198	4,352	1,324	792	532
Percent of population	53.2	62.1	44.1	54.7	63.5	45.8	43.4	52.9	34.3
Civilian labor force	10,777	5,913	4,865	9,576	5,241	4,335	1,201	672	529
Employed	9,325	5,123	4,202	8,417	4,609	3,808	908	513	394
Agriculture	546	477	69	491	436	54	56	41	15
Nonagricultural industries	8,778	4,645	4,133	7,927	4,173	3,754	852	472	379
Unemployed	1,453	790	663	1,159	631	527	294	159	135
Percent of labor force	13.5	13.4	13.6	12.1	12.0	12.2	24.5	23.6	25.5
Looking for full-time work	1,039	555	483	811	441	370	227	114	113
Looking for part-time work	414	235	179	347	190	157	67	45	22
Not in labor force	10,450	4,271	6,179	8,726	3,566	5,160	1,724	705	1,019
Major activity: going to school									
Civilian labor force	3,338	1,940	1,398	3,086	1,789	1,297	252	151	101
Employed	2,780	1,620	1,160	2,609	1,519	1,090	171	101	70
Agriculture	203	177	26	190	168	23	13	10	3
Nonagricultural industries	2,577	1,442	1,135	2,419	1,351	1,067	158	91	67
Unemployed	558	320	238	478	270	207	81	50	31
Percent of labor force	16.7	16.5	17.0	15.5	15.1	16.0	32.0	33.1	30.4
Looking for full-time work	215	119	96	188	107	81	27	12	15
Looking for part-time work	343	201	142	289	163	126	54	38	16
Not in labor force	8,107	3,872	4,235	6,782	3,257	3,525	1,325	615	710
Major activity: other									
Civilian labor force	7,439	3,972	3,467	6,490	3,451	3,038	949	521	429
Employed	6,545	3,503	3,042	5,808	3,090	2,718	736	412	324
Agriculture	343	300	43	300	269	31	43	31	12
Nonagricultural industries	6,201	3,203	2,999	5,508	2,822	2,687	693	381	312
Unemployed	894	470	425	681	361	320	213	109	105
Percent of labor force	12.0	11.8	12.3	10.5	10.5	10.5	22.5	20.9	24.4
Looking for full-time work	823	436	387	623	334	289	200	102	98
Looking for part-time work	71	33	38	58	27	31	13	7	7
Not in labor force	2,343	400	1,944	1,944	309	1,635	399	91	308

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	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total								
Total noninstitutional population	142,285	139,884	60,651	59,768	66,356	65,261	15,279	14,854
Total labor force	85,954	84,968	50,183	49,861	28,598	28,064	7,173	7,044
Percent of population	60.4	60.7	82.7	83.4	43.1	43.0	46.9	47.4
Civilian labor force	83,104	81,740	47,684	47,067	28,567	28,033	6,853	6,640
Employed	78,709	78,357	45,780	45,664	27,058	26,828	5,872	5,865
Agriculture	3,598	3,726	2,546	2,696	608	634	444	396
Nonagricultural industries	75,111	74,631	43,234	42,968	26,450	26,194	5,428	5,469
Unemployed	4,394	3,383	1,904	1,403	1,509	1,205	981	775
Percent of labor force	5.3	4.1	4.0	3.0	5.3	4.3	14.3	11.7
Not in labor force	56,331	54,915	10,468	9,908	37,757	37,197	8,105	7,810
White								
Total noninstitutional population	126,706	124,742	54,423	53,697	59,100	58,213	13,183	12,833
Total labor force	76,453	75,589	45,155	44,865	24,829	24,402	6,469	6,323
Percent of population	60.3	60.6	83.0	83.6	42.0	41.9	49.1	49.3
Civilian labor force	73,921	72,662	42,937	42,338	24,801	24,373	6,183	5,951
Employed	70,333	69,879	41,312	41,164	23,636	23,394	5,385	5,321
Agriculture	3,242	3,318	2,281	2,392	560	571	401	354
Nonagricultural industries	67,091	66,562	39,031	38,772	23,076	22,823	4,984	4,967
Unemployed	3,589	2,783	1,625	1,174	1,165	979	799	630
Percent of labor force	4.9	3.8	3.8	2.8	4.7	4.0	12.9	10.6
Not in labor force	50,253	49,153	9,268	8,832	34,271	33,811	6,714	6,510
Negro and other races								
Total noninstitutional population	15,580	15,141	6,228	6,071	7,256	7,048	2,096	2,022
Total labor force	9,501	9,379	5,028	4,995	3,769	3,663	704	722
Percent of population	61.0	61.9	80.7	82.3	52.0	52.0	33.6	35.7
Civilian labor force	9,182	9,080	4,747	4,729	3,766	3,660	670	691
Employed	8,377	8,479	4,467	4,500	3,422	3,434	487	545
Agriculture	356	408	265	303	49	63	43	42
Nonagricultural industries	8,021	8,070	4,203	4,197	3,374	3,371	444	502
Unemployed	806	601	279	229	344	226	182	146
Percent of labor force	8.8	6.6	5.9	4.8	9.1	6.2	27.2	21.1
Not in labor force	6,078	5,762	1,200	1,076	3,486	3,386	1,392	1,300

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

May 1971

(In thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	70,601	64,620	2,348	3,633	5.1	12,503	11,742	761	6.1
16 to 21 years	6,163	4,687	438	1,039	16.9	4,615	4,201	414	9.0
16 to 19 years	3,038	2,163	266	609	20.0	3,815	3,442	372	9.8
16 and 17 years	594	324	78	192	32.4	2,324	2,062	262	11.3
18 and 19 years	2,445	1,839	189	417	17.0	1,491	1,380	110	7.4
20 years and over	67,562	62,457	2,081	3,024	4.5	8,689	8,300	389	4.5
20 to 24 years	9,326	8,026	362	938	10.1	1,604	1,474	129	8.1
25 years and over	58,236	54,431	1,719	2,086	3.6	7,085	6,826	260	3.7
25 to 54 years	46,206	43,237	1,273	1,696	3.7	4,522	4,348	175	3.9
55 years and over	12,031	11,193	446	391	3.2	2,562	2,477	85	3.3
MALE									
16 years and over	47,048	43,756	1,185	2,107	4.5	4,532	4,185	347	7.7
16 to 21 years	3,390	2,610	224	555	16.4	2,523	2,288	235	9.3
16 to 19 years	1,750	1,285	136	329	18.8	2,147	1,926	221	10.3
20 years and over	45,299	42,471	1,050	1,778	3.9	2,385	2,259	126	5.3
20 to 24 years	5,264	4,546	182	535	10.2	745	689	57	7.6
25 years and over	40,035	37,925	868	1,243	3.1	1,640	1,570	69	4.2
25 to 54 years	31,814	30,207	623	983	3.1	497	474	23	4.6
55 years and over	8,221	7,717	244	259	3.2	1,143	1,097	46	4.0
FEMALE									
16 years and over	23,552	20,864	1,162	1,526	6.5	7,971	7,557	415	5.2
16 to 21 years	2,773	2,076	214	483	17.4	2,091	1,912	179	8.6
16 to 19 years	1,289	878	131	230	21.7	1,668	1,516	151	9.1
20 years and over	22,264	19,986	1,032	1,246	5.6	6,304	6,040	263	4.2
20 to 24 years	4,062	3,480	180	402	9.9	858	786	73	8.5
25 years and over	18,202	16,506	852	844	4.6	5,446	5,254	190	3.5
25 to 54 years	14,392	13,030	650	713	5.0	4,026	3,875	152	3.8
55 years and over	3,810	3,476	203	131	3.4	1,420	1,380	39	2.7

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

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total, 16 years and over	2,453	1,843	4.8	3.6	1,941	1,540	6.2	5.0
16 to 19 years	550	440	14.1	11.8	432	335	14.6	11.6
16 and 17 years	248	222	14.3	13.2	206	146	17.5	12.7
18 and 19 years	302	219	14.0	10.6	225	189	12.7	10.8
20 years and over	1,904	1,403	4.0	3.0	1,509	1,205	5.3	4.3
20 to 24 years	592	383	9.8	7.0	475	338	9.7	7.2
25 years and over	1,312	1,019	3.1	2.5	1,034	867	4.4	3.7
25 to 34 years	436	324	3.8	2.9	369	278	6.3	4.9
35 to 44 years	288	216	2.8	2.1	256	222	4.3	3.7
45 to 54 years	283	216	2.7	2.1	238	210	3.6	3.2
55 to 64 years	237	202	3.3	2.8	142	118	3.4	2.8
55 to 59 years	134	118	3.1	2.8	90	78	3.5	3.1
60 to 64 years	104	84	3.5	2.8	52	40	3.2	2.5
65 years and over	68	61	3.1	2.7	29	39	2.7	3.8
Household head, 16 years and over	1,300	1,004	3.1	2.4	373	264	5.4	4.1
16 to 24 years	228	137	6.6	4.3	64	51	8.9	8.0
25 to 54 years	787	618	2.6	2.1	227	153	5.8	4.3
55 years and over	284	249	3.2	2.7	82	60	3.7	2.6

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total, 16 years and over	2,453	1,843	4.8	3.6	1,941	1,540	6.2	5.0
Married, spouse present	1,149	877	2.9	2.2	930	776	5.0	4.2
Widowed, divorced, or separated	181	145	6.3	5.3	355	291	6.0	5.0
Single (never married)	1,123	821	11.6	9.1	656	474	9.3	7.0
Total, 20 to 64 years of age	1,836	1,342	4.0	3.0	1,480	1,166	5.4	4.3
Married, spouse present	1,068	800	2.9	2.2	874	719	4.9	4.1
Widowed, divorced, or separated	168	143	6.5	5.9	323	245	6.2	4.8
Single (never married)	600	398	10.2	7.3	283	202	6.5	4.8
White, 16 years and over	2,067	1,545	4.5	3.4	1,522	1,238	5.5	4.6
Married, spouse present	1,011	769	2.8	2.2	775	656	4.7	4.0
Widowed, divorced, or separated	142	108	6.2	5.0	258	219	5.4	4.7
Single (never married)	914	669	10.8	8.4	489	363	7.9	6.1
White, 20 to 64 years of age	1,564	1,123	3.8	2.8	1,139	940	4.8	4.0
Married, spouse present	934	702	2.8	2.1	724	609	4.5	3.8
Widowed, divorced, or separated	131	106	6.4	5.6	228	180	5.5	4.5
Single (never married)	498	315	9.9	6.7	187	152	5.0	4.2
Negro and other races, 16 years and over	387	299	7.5	5.8	419	302	10.4	7.6
Married, spouse present	138	108	4.1	3.2	154	119	7.9	6.0
Widowed, divorced, or separated	40	37	6.7	6.3	98	72	8.4	6.2
Single (never married)	209	153	17.2	13.5	167	111	18.2	13.5
Negro and other races, 20 to 64 years of age	272	219	6.0	4.9	342	226	9.3	6.4
Married, spouse present	134	99	4.2	3.1	150	111	7.8	5.8
Widowed, divorced, or separated	37	37	6.9	7.0	95	65	8.6	6.1
Single (never married)	101	83	12.1	11.1	96	49	14.5	8.5

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total.....	4,394	3,383	5.3	4.1	4.8	3.6	6.2	5.0
White-collar workers.....	1,254	944	3.2	2.4	2.5	1.8	3.9	3.1
Professional and technical.....	322	204	2.8	1.8	2.9	1.7	2.7	1.9
Managers, officials, and proprietors.....	125	93	1.4	1.1	1.3	.9	2.1	2.0
Clerical workers.....	577	477	4.2	3.4	3.8	3.3	4.3	3.4
Sales workers.....	230	170	4.5	3.5	3.2	2.7	6.2	4.5
Blue-collar workers.....	1,949	1,601	6.8	5.5	5.9	4.7	11.1	9.4
Craftsmen and foremen.....	398	385	3.8	3.7	3.8	3.7	4.4	4.6
Carpenters and other construction craftsmen.....	158	198	5.1	6.9	5.0	6.9	11.1	--
All other.....	240	187	3.3	2.5	3.3	2.4	3.9	4.7
Operatives.....	1,141	920	8.2	6.3	6.7	4.7	11.7	9.7
Drivers and deliverymen.....	116	99	4.2	3.9	4.3	3.8	2.4	6.6
All other.....	1,025	821	9.2	6.8	7.6	5.0	12.0	9.8
Nonfarm laborers.....	410	296	9.2	7.3	9.1	7.2	11.2	10.3
Construction laborers.....	138	105	14.8	11.4	14.7	11.1	38.1	49.2
All other.....	272	191	7.7	6.1	7.4	6.0	10.5	9.0
Service workers.....	631	434	5.6	4.3	6.1	3.7	5.2	4.6
Private household.....	62	56	4.1	3.5	--	--	4.2	3.6
All other.....	569	378	5.8	4.5	6.2	3.8	5.5	4.9
Farmers and farm laborers.....	36	71	1.1	2.1	1.1	1.8	1.2	3.3
No previous work experience.....	524	335	--	--	--	--	--	--
16 to 19 years.....	413	260	--	--	--	--	--	--
20 to 24 years.....	86	46	--	--	--	--	--	--
25 years and over.....	25	28	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total.....	100.0	100.0	5.3	4.1	4.8	3.6	6.2	5.0
Private wage and salary workers.....	78.5	80.3	5.8	4.6	5.3	4.0	6.6	5.5
Mining.....	.6	.6	4.4	3.6	4.3	3.4	5.8	5.6
Construction.....	7.6	10.5	8.5	9.1	8.7	9.0	4.6	11.8
Manufacturing.....	29.9	30.5	6.5	4.9	5.0	3.4	10.1	8.5
Durable goods.....	17.9	16.5	6.6	4.4	5.8	3.6	9.8	7.4
Primary metal industries.....	1.7	1.1	5.6	2.9	5.3	2.1	8.7	10.1
Fabricated metal products.....	2.0	2.5	6.5	4.9	4.7	4.3	13.9	7.5
Machinery.....	3.5	2.0	7.3	2.7	7.1	2.4	9.0	4.4
Electrical equipment.....	2.4	3.1	5.4	4.9	3.8	2.5	7.9	8.6
Motor vehicles and equipment.....	1.1	1.3	4.6	3.8	4.9	3.4	2.4	7.3
All other transportation equipment.....	3.0	2.7	11.6	7.8	9.8	7.7	22.2	8.3
Other durable goods industries.....	4.1	3.8	6.3	4.8	5.1	4.1	9.3	7.0
Nondurable goods.....	12.0	14.0	6.3	5.5	3.7	3.0	10.3	9.5
Food and kindred products.....	2.5	3.2	6.4	6.5	3.4	3.8	15.1	14.3
Textile mill products.....	1.2	1.7	5.1	5.3	3.3	2.8	7.1	8.0
Apparel and other finished textile products.....	3.0	4.2	9.7	10.0	8.8	5.1	9.9	11.3
Other nondurable goods industries.....	5.3	5.0	5.4	3.7	3.4	2.5	10.2	6.9
Transportation and public utilities.....	4.1	3.7	3.9	2.8	3.7	2.8	4.8	2.8
Railroads and railway express.....	.4	.3	2.7	1.4	2.9	1.3	--	3.9
Other transportation.....	2.3	2.5	5.1	4.4	4.9	4.8	6.2	2.6
Communication and other public utilities.....	1.4	.9	3.2	1.6	2.5	1.0	4.4	3.1
Wholesale and retail trade.....	20.2	18.3	6.2	4.6	5.5	3.9	7.1	5.7
Finance, insurance, and real estate.....	2.4	2.4	2.9	2.2	2.1	1.9	3.6	2.4
Service industries.....	13.8	14.4	4.9	4.1	5.5	4.2	4.5	4.0
Professional services.....	4.9	5.0	3.4	2.8	3.2	2.5	3.4	3.0
All other service industries.....	8.9	9.5	6.5	5.3	7.2	5.4	5.9	5.2
Agricultural wage and salary workers.....	1.3	2.2	4.5	5.7	4.2	5.1	6.0	9.1
All other classes of workers.....	8.2	7.6	1.7	1.2	1.5	1.1	1.9	1.5
No previous work experience.....	11.9	9.9	--	--	--	--	--	--

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

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

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Unemployment level												
Total unemployed, in thousands	4,394	3,384	1,904	1,403	1,509	1,205	981	776	3,589	2,783	806	601
Lost last job	2,133	1,658	1,253	942	687	562	193	155	1,789	1,364	344	294
Left last job	509	447	221	170	206	174	82	103	405	382	104	65
Reentered labor force	1,234	944	378	251	557	435	299	259	979	761	255	184
Never worked before	519	333	51	40	60	34	408	259	416	276	104	58
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	48.6	49.0	65.8	67.2	45.5	46.6	19.7	20.0	49.8	49.0	42.6	48.9
Left last job	11.6	13.2	11.6	12.1	13.6	14.4	8.3	13.3	11.3	13.7	12.9	10.9
Reentered labor force	28.1	27.9	19.9	17.9	36.9	36.1	30.4	33.3	27.3	27.3	31.6	30.6
Never worked before	11.8	9.9	2.7	2.8	4.0	2.9	41.6	33.4	11.6	9.9	12.9	9.6
Unemployment rate												
Total unemployment rate	5.3	4.1	4.0	3.0	5.3	4.3	14.3	1.7	4.9	3.8	8.8	6.6
Job-loser rate ¹	2.5	2.0	2.6	2.0	2.4	2.0	2.8	2.4	2.4	1.9	3.7	3.2
Job-leaver rate ¹ . . . . .	.6	.5	.5	.4	.7	.6	1.2	1.6	.5	.5	1.1	.7
Reentrant rate ¹	1.5	1.2	.8	.5	2.0	1.6	4.4	3.9	1.3	1.0	2.8	2.0
New entrant rate ¹ . . . . .	.6	.4	.1	.1	.2	.1	6.0	3.9	.6	.4	1.1	.6

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

A-13: Unemployed persons by reason for unemployment, duration, sex, and age
May 1971

(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	4,394	100.0	42.1	28.1	29.8	17.5	12.3
Lost last job	2,133	100.0	32.3	28.7	39.0	22.9	16.1
Left last job	509	100.0	47.0	26.7	26.3	18.7	7.7
Reentered labor force	1,234	100.0	51.9	27.4	20.6	11.3	9.3
Never worked before	519	100.0	54.2	28.7	17.1	8.8	8.3
Male, 20 years and over	1,904	100.0	33.8	26.9	39.3	22.7	16.6
Lost last job	1,253	100.0	29.1	26.7	44.3	26.4	17.9
Left last job	221	100.0	46.2	26.7	27.1	16.3	10.9
Reentered labor force	378	100.0	40.8	27.6	31.6	15.6	15.9
Never worked before	51	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,509	100.0	45.1	29.0	25.9	14.8	11.1
Lost last job	687	100.0	32.5	33.5	34.1	18.5	15.6
Left last job	206	100.0	45.9	25.6	28.5	21.3	7.2
Reentered labor force	557	100.0	57.3	26.4	16.3	9.0	7.4
Never worked before	60	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	981	100.0	53.8	29.0	17.2	11.4	5.8
Lost last job	193	100.0	52.3	24.9	22.8	15.5	7.3
Left last job	82	100.0	(1)	(1)	(1)	(1)	(1)
Reentered labor force	299	100.0	55.9	29.4	14.7	10.4	4.3
Never worked before	408	100.0	53.2	30.3	16.5	9.1	7.4

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

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total	4,394	3,383	100.0	100.0	1,673	1,268	100.0	100.0
Less than 5 weeks	1,850	1,744	42.1	51.6	591	514	35.3	40.5
5 to 14 weeks	1,235	980	28.1	29.0	461	425	27.6	33.5
5 to 10 weeks	896	754	20.4	22.3	329	305	19.7	24.1
11 to 14 weeks	339	226	7.7	6.7	132	120	7.9	9.5
15 weeks and over	1,310	660	29.8	19.5	621	329	37.1	25.9
15 to 26 weeks	768	417	17.5	12.3	371	206	22.2	16.2
27 weeks and over	542	243	12.3	7.2	250	123	14.9	9.7
Average (mean) duration	12.5	9.6	--	--	14.5	11.6	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status
May 1971

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		May 1971	May 1970	May 1971	May 1970
Total	4,394	1,850	1,235	768	542	12.5	42.1	51.5	29.8	19.5
16 to 21 years	1,453	754	416	179	103	9.3	51.9	61.1	19.4	12.8
16 to 19 years	981	527	284	113	58	8.7	53.7	61.9	17.4	11.2
20 to 24 years	1,067	482	309	168	108	11.2	45.2	59.4	25.8	15.8
25 to 44 years	1,349	520	370	285	175	13.3	38.5	49.1	34.0	21.3
45 years and over	997	321	272	203	201	16.6	32.2	38.3	40.5	27.9
Male	2,453	919	677	507	350	14.0	37.5	45.7	34.9	22.9
16 to 21 years	790	379	240	115	56	9.7	48.0	59.1	21.7	13.6
16 to 19 years	550	276	164	75	34	9.2	50.2	61.3	19.9	11.0
20 to 24 years	592	235	183	107	66	12.2	39.7	56.3	29.3	16.4
25 to 44 years	724	243	186	191	104	14.9	33.6	40.7	40.7	26.7
45 years and over	588	166	143	134	146	19.2	28.2	28.6	47.5	35.0
Female	1,941	931	558	261	192	10.6	47.9	58.5	23.3	15.4
16 to 21 years	663	375	176	64	47	8.8	56.6	63.6	16.7	11.8
16 to 19 years	432	251	120	37	23	8.0	58.2	62.7	14.1	11.4
20 to 24 years	475	247	126	61	41	9.9	52.0	62.9	21.4	15.1
25 to 44 years	625	278	183	93	71	11.5	44.5	58.4	26.6	15.8
45 years and over	409	155	129	69	55	12.9	37.9	50.9	30.5	18.6
White: Total	3,589	1,505	1,015	615	453	12.6	41.9	51.8	29.8	19.4
Male	2,067	772	571	419	304	14.0	37.4	45.0	35.0	23.9
Female	1,522	733	444	197	149	10.6	48.1	60.2	22.7	13.8
Negro and other races: Total	806	345	220	153	88	12.2	42.8	50.4	29.9	19.7
Male	387	147	106	89	46	13.8	37.9	49.2	34.7	17.6
Female	419	198	114	64	43	10.6	47.3	51.6	25.5	21.8
Male: Married, wife present	1,149	391	297	280	181	15.0	34.0	39.6	40.1	26.7
Widowed, divorced, or separated	181	50	50	44	37	2.2	27.5	32.1	44.7	27.9
Single (never married)	1,123	478	330	183	132	12.3	42.6	54.6	28.1	18.0
Female: Married, husband present	930	436	264	123	107	11.0	46.9	60.0	24.7	14.8
Widowed, divorced, or separated	355	157	107	60	31	2.7	44.1	52.1	25.6	18.4
Single (never married)	656	338	187	78	54	9.5	51.5	60.1	20.1	14.6

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

May 1971

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		May 1971	May 1970	May 1971	May 1970
OCCUPATION										
White-collar workers	1,254	499	375	224	156	12.8	39.8	50.8	30.3	19.1
Professional and managerial	447	136	153	89	69	15.5	30.4	44.1	35.3	24.6
Clerical workers	577	270	152	95	60	11.1	46.8	53.9	26.9	15.6
Sales workers	230	92	71	40	27	12.0	40.1	53.3	29.0	19.6
Blue-collar workers	1,949	744	525	398	281	13.8	38.2	48.5	34.8	22.5
Craftsmen and foremen	398	154	90	72	82	15.6	38.6	44.1	38.6	25.6
Operatives	1,141	402	327	259	153	13.8	35.3	48.5	36.1	21.4
Nonfarm laborers	410	188	107	67	47	11.8	46.0	53.9	27.8	21.9
Service workers	631	299	174	97	60	10.7	47.4	57.3	25.0	14.0
INDUSTRY¹										
Agriculture	59	28	15	12	3	9.6	(2)	(2)	(2)	(2)
Construction	359	159	91	68	42	11.5	44.2	43.2	30.5	27.2
Manufacturing	1,329	455	391	271	212	14.5	34.2	47.4	36.3	23.3
Durable goods	794	231	234	176	154	16.3	29.0	45.3	41.5	26.1
Nondurable goods	534	224	157	95	57	12.0	42.0	49.8	28.6	19.9
Transportation and public utilities	196	77	64	39	16	11.6	39.5	45.3	28.1	20.9
Wholesale and retail trade	893	392	246	168	87	11.2	43.9	56.8	28.5	15.3
Finance and service industries	853	382	236	130	105	11.6	44.8	53.4	27.5	16.7
Public administration	96	42	20	16	17	15.2	(2)	(2)	(2)	(2)
No previous work experience	524	287	148	46	43	9.7	54.7	59.2	17.0	12.9

¹Includes wage and salary workers only.²Percent not shown where base is less than 100,000.

A-17: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
All industries	78,709	78,357	49,127	48,964	29,583	29,393
16 to 19 years	5,872	5,865	3,347	3,300	2,525	2,565
16 and 17 years	2,463	2,460	1,488	1,455	975	1,005
18 and 19 years	3,409	3,405	1,859	1,845	1,549	1,560
20 to 24 years	9,863	9,483	5,417	5,098	4,446	4,385
25 to 54 years	48,858	48,835	31,304	31,412	17,553	17,423
25 to 34 years	16,600	16,318	11,086	10,920	5,513	5,398
35 to 44 years	15,725	16,050	10,028	10,294	5,697	5,756
45 to 54 years	16,533	16,467	10,190	10,198	6,343	6,269
55 to 64 years	10,984	10,988	6,950	6,965	4,034	4,023
55 to 59 years	6,562	6,570	4,119	4,102	2,443	2,468
60 to 64 years	4,422	4,418	2,832	2,863	1,591	1,555
65 years and over	3,132	3,186	2,107	2,189	1,025	997
Nonagricultural industries	75,111	74,631	46,196	45,907	28,915	28,724
16 to 19 years	5,428	5,469	2,963	2,939	2,465	2,530
16 and 17 years	2,220	2,231	1,274	1,251	946	980
18 and 19 years	3,207	3,238	1,688	1,689	1,519	1,550
20 to 24 years	9,593	9,222	5,190	4,880	4,403	4,342
25 to 54 years	47,097	47,023	29,939	30,023	17,159	16,999
25 to 34 years	16,138	15,831	10,715	10,541	5,424	5,290
35 to 44 years	15,152	15,492	9,604	9,884	5,548	5,608
45 to 54 years	15,807	15,700	9,620	9,598	6,187	6,101
55 to 64 years	10,315	10,276	6,408	6,377	3,907	3,898
55 to 59 years	6,196	6,197	3,831	3,811	2,365	2,386
60 to 64 years	4,119	4,079	2,577	2,566	1,542	1,513
65 years and over	2,678	2,642	1,697	1,688	981	955
Agriculture	3,598	3,726	2,930	3,057	668	669
16 to 19 years	444	396	384	361	60	35
16 and 17 years	243	229	213	205	30	24
18 and 19 years	201	167	171	156	30	11
20 to 24 years	270	261	227	218	43	43
25 to 54 years	1,760	1,812	1,366	1,388	396	423
25 to 34 years	461	487	372	379	90	108
35 to 44 years	573	558	424	410	150	148
45 to 54 years	726	767	570	599	156	167
55 to 64 years	669	712	543	587	126	125
55 to 59 years	366	373	288	291	78	82
60 to 64 years	303	339	255	297	48	43
65 years and over	454	544	410	502	44	42

HOUSEHOLD DATA

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A-18: Employed persons by occupation 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	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total	78,709	78,357	45,780	45,664	27,058	26,828	3,347	3,300	2,525	2,565
White-collar workers	38,088	37,893	19,464	19,475	16,709	16,387	579	677	1,334	1,355
Professional and technical	11,157	11,221	6,652	6,832	4,368	4,270	60	63	77	57
Medical and other health	1,743	1,659	653	621	1,074	1,016	4	6	12	17
Teachers, except college.....	2,939	2,645	853	835	2,059	1,802	9	5	18	4
Other professional and technical	6,476	6,916	5,146	5,376	1,235	1,451	48	51	48	36
Managers, officials, and proprietors	8,706	8,361	7,216	7,005	1,462	1,311	20	37	8	8
Salaried workers	6,408	6,112	5,373	5,149	1,012	921	16	35	7	8
Self-employed workers in retail trade.....	1,152	1,086	885	839	265	244	1	1	--	2
Self-employed workers, except retail trade	1,146	1,163	958	1,017	185	146	2	1	1	--
Clerical workers	13,287	13,590	2,983	3,197	9,108	9,106	248	300	948	986
Stenographers, typists, and secretaries....	3,582	3,505	59	57	3,271	3,154	2	2	249	292
Other clerical workers	9,704	10,085	2,923	3,140	5,837	5,951	246	299	698	694
Sales workers.....	4,938	4,721	2,614	2,441	1,771	1,700	251	277	302	304
Retail trade.....	2,891	2,903	927	917	1,482	1,483	190	224	292	280
Other sales workers	2,046	1,818	1,687	1,523	289	217	61	53	10	25
Blue-collar workers	26,732	27,473	20,574	21,024	4,176	4,395	1,775	1,794	207	259
Craftsmen and foremen	9,968	10,006	9,356	9,462	343	302	255	224	14	19
Carpenters	877	795	842	777	4	4	30	14	1	--
Construction craftsmen, except carpenters	2,082	1,876	2,018	1,820	11	12	53	40	--	4
Mechanics and repairmen	2,349	2,725	2,245	2,603	26	14	78	105	1	3
Metal craftsmen, except mechanics	1,129	1,239	1,097	1,212	17	13	13	14	1	--
Other craftsmen and kindred workers	2,143	1,906	1,867	1,700	188	147	77	48	11	11
Foremen, not elsewhere classified	1,389	1,465	1,286	1,350	97	111	4	3	1	1
Operatives	12,721	13,711	8,253	8,764	3,626	3,987	674	749	168	211
Drivers and deliverymen	2,625	2,455	2,375	2,226	129	96	116	123	5	10
Other operatives	10,096	11,256	5,878	6,538	3,497	3,891	558	626	163	201
Durable goods manufacturing	4,518	4,759	3,170	3,236	1,156	1,307	160	163	32	53
Nondurable goods manufacturing	3,441	3,590	1,473	1,500	1,775	1,903	103	94	90	94
Other industries	2,137	2,907	1,235	1,802	566	681	295	370	41	55
Nonfarm laborers.....	4,044	3,756	2,965	2,798	207	107	847	821	25	30
Construction	794	816	676	692	3	4	116	120	--	--
Manufacturing	1,075	1,037	892	859	80	52	100	120	3	6
Other industries	2,174	1,903	1,398	1,246	123	51	630	581	23	24
Service workers	10,706	9,604	3,466	2,697	5,644	5,485	660	501	936	921
Private household workers	1,440	1,538	29	24	1,115	1,192	12	8	284	314
Service workers, except private household ..	9,267	8,066	3,437	2,673	4,530	4,294	648	492	652	607
Protective service workers	1,088	941	1,030	884	48	45	11	4	--	8
Waiters, cooks, and bartenders	2,306	2,246	461	409	1,373	1,403	153	124	319	311
Other service workers	5,873	4,879	1,946	1,380	3,109	2,847	483	364	335	288
Farm workers	3,183	3,388	2,275	2,469	528	561	332	329	47	30
Farmers and farm managers	1,711	1,859	1,587	1,758	105	82	17	19	1	--
Farm laborers and foremen	1,473	1,529	688	711	423	479	315	310	46	30
Paid workers	943	943	627	640	98	113	197	179	22	10
Unpaid family workers	529	586	61	70	325	365	118	131	24	20

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	May 1971	May 1970	May 1971	May 1970	May 1971	May 1970
Total						
Total employed (thousands)	78,709	78,357	49,127	48,964	29,583	29,393
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.4	48.4	40.8	41.2	61.0	60.4
Professional and technical	14.2	14.3	13.7	14.1	15.0	14.7
Managers, officials, and proprietors	11.1	10.7	14.7	14.4	5.0	4.5
Clerical workers	16.9	17.3	6.6	7.1	34.0	34.3
Sales workers	6.3	6.0	5.8	5.5	7.0	6.8
Blue-collar workers	34.0	35.1	45.5	46.6	14.8	15.8
Craftsmen and foremen	12.7	12.8	19.6	19.8	1.2	1.1
Operatives	16.2	17.5	18.2	19.4	12.8	14.3
Nonfarm laborers	5.1	4.8	7.8	7.4	.8	.5
Service workers	13.6	12.3	8.4	6.5	22.2	21.8
Private household workers	1.8	2.0	.1	.1	4.7	5.1
Other service workers	11.8	10.3	8.3	6.5	17.5	16.7
Farm workers	4.0	4.3	5.3	5.7	1.9	2.0
Farmers and farm managers	2.2	2.4	3.3	3.6	.4	.3
Farm laborers and foremen	1.9	2.0	2.0	2.1	1.6	1.7
White						
Total employed (thousands)	70,333	69,879	44,376	44,139	25,957	25,740
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.7	50.8	42.8	43.3	64.2	63.7
Professional and technical	14.8	15.0	14.4	14.8	15.6	15.2
Managers, officials, and proprietors	11.9	11.5	15.7	15.4	5.4	4.9
Clerical workers	17.2	17.8	6.5	7.1	35.6	36.2
Sales workers	6.8	6.5	6.3	6.0	7.7	7.4
Blue-collar workers	33.3	34.3	44.2	45.2	14.6	15.5
Craftsmen and foremen	13.2	13.3	20.3	20.5	1.2	1.1
Operatives	15.5	16.8	17.2	18.5	12.6	13.9
Nonfarm laborers	4.5	4.1	6.7	6.2	.8	.5
Service workers	11.9	10.6	7.7	5.9	19.2	18.7
Private household workers	1.2	1.3	.1	(1)	3.0	3.3
Other service workers	10.8	9.3	7.6	5.8	16.2	15.3
Farm workers	4.1	4.3	5.3	5.6	2.0	2.1
Farmers and farm managers	2.3	2.5	3.5	3.8	.4	.3
Farm laborers and foremen	1.7	1.8	1.8	1.8	1.6	1.8
Negro and other races						
Total employed (thousands)	8,377	8,479	4,751	4,825	3,626	3,654
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	28.9	28.1	21.9	21.7	38.1	36.6
Professional and technical	8.6	9.0	6.9	7.4	10.8	11.1
Managers, officials, and proprietors	4.1	3.8	5.6	5.5	2.2	1.6
Clerical workers	14.1	13.2	7.6	7.3	22.7	21.0
Sales workers	2.1	2.1	1.9	1.5	2.4	2.8
Blue-collar workers	39.8	41.5	57.6	59.3	16.5	17.9
Craftsmen and foremen	7.9	8.0	12.9	13.5	1.2	.8
Operatives	21.5	23.1	26.9	27.9	14.3	16.7
Nonfarm laborers	10.5	10.4	17.7	17.9	.9	.4
Service workers	27.6	26.1	15.2	12.7	43.8	43.8
Private household workers	7.5	7.8	.3	.3	17.0	17.7
Other service workers	20.1	18.3	15.0	12.4	26.8	26.1
Farm workers	3.7	4.3	5.2	6.3	1.7	1.7
Farmers and farm managers .....	.7	1.1	1.1	1.8	.2	.1
Farm laborers and foremen	3.0	3.3	4.1	4.6	1.5	1.6

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

(1) Less than 0.05.

A-20: Employed persons by class of worker, sex, and age
 May 1971
 (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	69,152	1,668	12,783	54,701	5,428	532	1,246	1,812	541
16 to 19 years	5,324	403	434	4,486	70	34	271	30	143
16 and 17 years	2,160	316	152	1,692	36	24	134	17	92
18 and 19 years	3,163	87	282	2,794	34	10	137	13	51
20 to 24 years	9,349	93	1,565	7,691	218	26	169	52	49
25 to 34 years	15,221	127	2,849	12,245	864	54	201	210	51
35 to 44 years	13,905	217	2,722	10,965	1,118	129	190	289	94
45 to 54 years	14,191	304	3,001	10,885	1,459	158	178	449	100
55 to 64 years	9,102	335	1,840	6,928	1,123	89	145	445	79
55 to 59 years	5,491	173	1,143	4,174	651	54	79	243	43
60 to 64 years	3,611	162	696	2,754	472	35	66	201	36
65 years and over	2,061	189	371	1,501	577	40	92	338	24
Male	42,077	230	6,880	34,967	4,048	72	1,055	1,695	180
16 to 19 years	2,900	118	199	2,583	41	22	236	29	119
16 and 17 years	1,234	106	93	1,035	24	16	119	17	78
18 and 19 years	1,666	12	106	1,548	16	6	118	12	41
20 to 24 years	5,038	10	665	4,363	144	8	145	51	31
25 to 34 years	10,104	6	1,593	8,504	605	6	167	197	8
35 to 44 years	8,708	10	1,504	7,194	893	2	150	272	1
45 to 54 years	8,515	22	1,687	6,807	1,098	8	144	424	2
55 to 64 years	5,553	33	997	4,523	847	8	127	408	8
55 to 59 years	3,328	13	633	2,682	499	4	66	218	4
60 to 64 years	2,225	20	364	1,841	348	4	61	189	5
65 years and over	1,259	31	235	992	421	17	85	315	10
Female	27,075	1,438	5,903	19,734	1,380	460	191	117	361
16 to 19 years	2,424	286	235	1,903	29	12	34	1	24
16 and 17 years	926	210	59	657	12	8	15	--	14
18 and 19 years	1,497	75	176	1,246	17	4	19	1	10
20 to 24 years	4,311	82	901	3,328	74	18	24	1	18
25 to 34 years	5,117	121	1,256	3,740	259	48	33	13	43
35 to 44 years	5,196	207	1,218	3,771	225	127	40	17	93
45 to 54 years	5,676	282	1,315	4,078	361	150	34	25	98
55 to 64 years	3,549	302	843	2,405	277	81	19	37	71
55 to 59 years	2,163	160	511	1,492	153	50	13	25	40
60 to 64 years	1,387	142	332	913	124	32	5	12	31
65 years and over	802	158	136	508	156	23	7	23	14

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

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	May 1971	May 1970	Total		Wage and salary workers ¹			
			May 1971	May 1970	Paid absence ²		Unpaid absence ²	
					May 1971	May 1970	May 1971	May 1970
Total	3,129	3,140	3,025	3,068	1,333	1,282	1,365	1,439
Vacation	1,037	974	1,025	962	809	729	144	154
Illness	1,296	1,321	1,260	1,296	437	447	708	726
Bad weather	74	61	39	42	--	--	--	--
Industrial dispute	94	186	93	186	--	--	--	--
All other reasons	629	597	608	582	86	106	513	558
Male	1,806	1,910	1,710	1,849	844	851	663	781
Vacation	615	610	604	600	511	492	50	60
Illness	766	797	732	774	281	283	375	407
All other reasons	425	503	374	475	52	76	238	313
Female	1,323	1,229	1,315	1,219	488	431	700	659
Vacation	422	365	421	362	298	237	94	94
Illness	530	524	527	522	155	164	332	319
All other reasons	371	340	367	335	34	30	274	245

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

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

May 1971

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	75,580	72,086	3,494	100.0	100.0	100.0
1-34 hours	17,136	16,041	1,095	22.7	22.3	31.3
1-4 hours	765	719	46	1.0	1.0	1.3
5-14 hours	3,717	3,443	274	4.9	4.8	7.8
15-29 hours	8,297	7,716	581	11.0	10.7	16.6
30-34 hours	4,357	4,163	194	5.8	5.8	5.6
35 hours and over	58,444	56,045	2,399	77.3	77.7	68.7
35-39 hours	5,429	5,308	121	7.2	7.4	3.5
40 hours	31,631	31,232	399	41.9	43.3	11.4
41 hours and over	21,384	19,305	1,879	28.3	27.1	53.8
41 to 48 hours	8,672	8,408	264	11.5	11.7	7.6
49 to 59 hours	6,434	6,085	349	8.5	8.4	10.0
60 hours and over	6,278	5,012	1,266	8.3	7.0	36.2
Average hours, total at work	39.5	39.0	48.3	--	--	--
Average hours, workers on full-time schedules	43.9	43.3	58.5	--	--	--

A-23: Persons at work 1-34 hours by usual status and reason working part-time
May 1971

(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.....	17,135	4,883	12,252	16,040	4,617	11,423
Economic reasons	2,348	1,164	1,184	2,183	1,102	1,081
Slack work	1,243	853	390	1,154	805	349
Material shortages or repairs to plant and equipment	53	53	--	52	52	--
New job started during week.....	189	189	--	180	180	--
Job terminated during week.....	68	68	--	64	64	--
Could find only part-time work	794	--	794	733	--	733
Other reasons	14,787	3,719	11,068	13,857	3,515	10,342
Does not want, or unavailable for, full-time work	9,029	--	9,029	8,494	--	8,494
Vacation	460	460	--	459	459	--
Illness.....	1,760	1,428	332	1,671	1,408	263
Bad weather	607	607	--	444	444	--
Industrial dispute	57	57	--	56	56	--
Legal or religious holiday.....	22	22	--	22	22	--
Full time for this job.....	1,250	--	1,250	1,211	--	1,211
All other reasons	1,602	1,145	457	1,501	1,127	374
Average hours:						
Economic reasons.....	21.7	24.5	19.0	21.8	24.5	19.0
Other reasons	20.0	26.4	17.8	20.0	26.6	17.8
Worked 30 to 34 hours:						
Economic reasons.....	735	500	235	699	481	218
Other reasons	3,622	2,017	1,605	3,464	1,938	1,526

A-24: Nonagricultural workers by industry and full- or part-time status
May 1971

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total ^{1/}	100.0	3.0	14.3	82.6	55.6	11.7	15.4	39.0	43.3
Wage and salary workers	100.0	3.0	14.1	83.0	58.0	11.7	13.2	38.5	42.6
Construction	100.0	5.1	4.5	90.4	67.7	10.6	12.2	39.2	41.3
Manufacturing	100.0	3.1	3.0	94.0	67.9	14.4	11.7	40.8	42.0
Durable goods	100.0	2.0	2.0	96.0	70.3	14.1	11.6	41.3	42.0
Nondurable goods	100.0	4.6	4.4	91.0	64.4	14.8	11.8	40.1	42.0
Transportation and public utilities	100.0	2.6	5.9	91.6	64.7	12.2	14.7	41.1	43.0
Wholesale and retail trade	100.0	3.4	25.5	71.1	41.9	13.5	15.6	36.9	44.1
Finance, insurance, and real estate	100.0	1.1	9.5	89.5	67.6	8.9	13.0	39.3	41.6
Service industries	100.0	3.2	24.5	72.3	50.5	8.8	13.0	35.7	42.9
Private households	100.0	11.2	58.5	30.4	17.2	6.6	6.6	23.0	45.4
All other service	100.0	2.4	21.2	76.4	53.7	9.0	13.6	37.0	42.8
Public administration	100.0	.6	5.8	93.6	73.0	8.8	11.8	40.5	42.1
Self-employed workers	100.0	3.8	15.7	80.5	27.2	11.1	42.2	45.1	51.9
Unpaid family workers	100.0	1.5	37.6	60.9	25.4	8.1	27.4	39.4	50.7

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

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

May 1971

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.....	72,086	2,183	10,342	59,561	40,056	19,505	39.0	43.3
16 to 21 years.....	8,506	408	3,819	4,279	3,324	955	28.4	40.7
16 to 19 years.....	5,247	245	3,096	1,906	1,487	419	24.4	40.2
16 and 17 years.....	2,159	68	1,854	237	180	57	16.7	39.0
18 and 19 years.....	3,088	177	1,241	1,670	1,308	362	29.7	40.4
20 years and over.....	66,839	1,939	7,246	57,654	38,568	19,086	40.1	43.4
20 to 24 years.....	9,252	343	1,373	7,536	5,512	2,024	37.7	42.0
25 years and over.....	57,587	1,596	5,873	50,118	33,054	17,064	40.5	43.6
25 to 44 years.....	30,243	772	2,628	26,843	17,423	9,420	41.0	43.7
45 to 64 years.....	24,828	742	2,249	21,837	14,677	7,160	40.7	43.5
65 years and over.....	2,516	82	996	1,438	954	484	32.1	43.5
Males, 16 years and over.....	44,486	1,073	3,487	39,926	24,137	15,789	41.9	44.6
16 to 21 years.....	4,532	198	2,028	2,306	1,609	697	29.3	41.7
16 to 19 years.....	2,880	116	1,681	1,083	787	296	25.3	40.7
16 and 17 years.....	1,242	37	1,040	165	122	43	18.0	39.6
18 and 19 years.....	1,638	80	641	917	666	251	30.8	40.9
20 years and over.....	41,607	957	1,806	38,844	23,350	15,494	43.1	44.7
20 to 24 years.....	5,045	168	641	4,236	2,705	1,531	39.5	43.5
25 years and over.....	36,562	789	1,165	34,606	20,643	13,963	43.6	44.8
25 to 44 years.....	19,724	391	275	19,058	11,027	8,031	44.4	45.2
45 to 64 years.....	15,239	343	326	14,570	8,979	5,591	43.6	44.6
65 years and over.....	1,599	55	565	979	637	342	33.6	43.6
Females, 16 years and over.....	27,599	1,110	6,855	19,634	15,918	3,716	34.3	40.6
16 to 21 years.....	3,974	210	1,791	1,973	1,714	259	27.4	39.5
16 to 19 years.....	2,367	128	1,415	824	700	124	23.3	39.5
16 and 17 years.....	916	31	815	70	56	14	15.0	37.7
18 and 19 years.....	1,451	97	600	754	645	109	28.5	39.7
20 years and over.....	25,232	982	5,440	18,810	15,217	3,593	35.3	40.7
20 to 24 years.....	4,207	174	732	3,301	2,808	493	35.5	39.9
25 years and over.....	21,025	808	4,708	15,509	12,409	3,100	35.3	40.9
25 to 44 years.....	10,520	383	2,354	7,783	6,394	1,389	34.9	40.3
45 to 64 years.....	9,589	398	1,923	7,268	5,698	1,570	36.3	41.3
65 years and over.....	916	27	431	458	317	141	29.6	43.4
COLOR								
White.....	64,445	1,733	9,433	53,279	34,993	18,286	39.2	43.6
Male.....	40,226	852	3,233	36,141	21,251	14,890	42.2	44.9
Female.....	24,219	882	6,200	17,137	13,741	3,396	34.3	40.8
Negro and other races.....	7,641	451	909	6,281	5,063	1,218	37.1	41.0
Male.....	4,260	222	253	3,785	2,885	900	39.3	41.8
Female.....	3,381	228	656	2,497	2,177	320	34.2	39.8
MARITAL STATUS								
Male:								
Married, wife present.....	34,536	674	1,027	32,835	19,187	13,648	43.8	45.0
Widowed, divorced, or separated.....	2,376	98	150	2,128	1,413	715	40.9	43.5
Single (never married).....	7,574	301	2,310	4,963	3,537	1,426	33.6	42.5
Female:								
Married, husband present.....	16,257	643	4,050	11,564	9,420	2,144	34.6	40.6
Widowed, divorced, or separated.....	5,234	244	870	4,120	3,244	876	36.4	41.0
Single (never married).....	6,109	223	1,935	3,951	3,255	696	31.6	40.4

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued
May 1971

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
TOTAL						
Total, 16 years and over.....	100.0	3.0	14.3	82.6	55.6	27.1
16 to 21 years.....	100.0	4.8	44.9	50.3	39.1	11.2
16 to 19 years.....	100.0	4.7	59.0	36.3	28.3	8.0
16 and 17 years.....	100.0	3.1	85.9	11.0	8.3	2.6
18 and 19 years.....	100.0	5.7	40.2	54.1	42.4	11.7
20 years and over.....	100.0	2.9	10.8	86.3	57.7	28.6
20 to 24 years.....	100.0	3.7	14.8	81.5	59.6	21.9
25 years and over.....	100.0	2.8	10.2	87.0	57.4	29.6
25 to 44 years.....	100.0	2.6	8.7	88.8	57.6	31.1
45 to 64 years.....	100.0	3.0	9.1	88.0	59.1	28.8
65 years and over.....	100.0	3.3	39.6	57.2	37.9	19.2
Males, 16 years and over						
Males, 16 years and over.....	100.0	2.4	7.8	89.7	54.3	35.5
16 to 21 years.....	100.0	4.4	44.7	50.9	35.5	15.4
16 and 19 years.....	100.0	4.0	58.4	37.6	27.3	10.3
16 and 17 years.....	100.0	3.0	83.7	13.3	9.8	3.5
18 and 19 years.....	100.0	4.9	39.1	56.0	40.7	15.3
20 years and over.....	100.0	2.3	4.3	93.4	56.1	37.2
20 to 24 years.....	100.0	3.3	12.7	84.0	53.6	30.3
25 years and over.....	100.0	2.2	3.2	94.7	56.5	38.2
25 to 44 years.....	100.0	2.0	1.4	96.6	55.9	40.7
45 to 64 years.....	100.0	2.3	2.1	95.6	58.9	36.7
65 years and over.....	100.0	3.4	35.3	61.2	39.8	21.4
Females, 16 years and over						
Females, 16 years and over.....	100.0	4.0	24.8	71.1	57.7	13.5
16 to 21 years.....	100.0	5.3	45.1	49.6	43.1	6.5
16 to 19 years.....	100.0	5.4	59.8	34.8	29.6	5.2
16 and 17 years.....	100.0	3.4	89.0	7.6	6.1	1.5
18 and 19 years.....	100.0	6.7	41.4	52.0	44.5	7.5
20 years and over.....	100.0	3.9	21.6	74.5	60.3	14.2
20 to 24 years.....	100.0	4.1	17.4	78.5	66.7	11.7
25 years and over.....	100.0	3.8	22.4	73.8	59.0	14.7
25 to 44 years.....	100.0	3.6	22.4	74.0	60.8	13.2
45 to 64 years.....	100.0	4.2	20.1	75.8	59.4	16.4
65 years and over.....	100.0	2.9	47.1	50.0	34.6	15.4
COLOR						
White.....	100.0	2.7	14.6	82.7	54.3	28.4
Male.....	100.0	2.1	8.0	89.8	52.8	37.0
Female.....	100.0	3.6	25.6	70.8	56.7	14.0
Negro and other races.....	100.0	5.9	11.9	82.2	66.3	15.9
Male.....	100.0	5.2	5.9	88.8	67.7	21.1
Female.....	100.0	6.7	19.4	73.9	64.4	9.5
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	2.0	3.0	95.1	55.6	39.5
Widowed, divorced, or separated.....	100.0	4.1	6.3	89.6	59.5	30.1
Single (never married).....	100.0	4.0	30.5	65.5	46.7	18.8
Female:						
Married, husband present.....	100.0	4.0	24.9	71.1	57.9	13.2
Widowed, divorced, or separated.....	100.0	4.7	16.6	78.7	62.0	16.7
Single (never married).....	100.0	3.7	31.7	64.7	53.3	11.4

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

May 1971

Occupation 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.....	36,705	526	5,161	31,018	20,238	3,924	6,856	40.0	43.9
Professional and technical.....	10,766	130	1,240	9,396	5,974	1,319	2,103	40.4	43.8
Managers, officials, and proprietors.....	8,435	73	363	7,999	3,431	1,275	3,292	47.4	48.9
Clerical workers.....	12,772	191	2,304	10,277	8,876	854	547	36.0	40.0
Sales workers.....	4,733	131	1,254	3,348	1,956	477	914	36.8	44.5
Blue-collar workers.....	25,489	1,182	1,905	22,402	15,539	3,570	3,292	39.7	42.5
Craftsmen and foremen.....	9,552	297	330	8,925	6,021	1,508	1,396	41.2	42.7
Operatives.....	12,075	632	772	10,671	7,380	1,716	1,574	40.2	42.6
Nonfarm laborers.....	3,862	253	803	2,806	2,139	345	322	34.4	41.1
Service workers.....	10,293	499	3,371	6,423	4,408	964	1,051	33.6	43.4
Private household.....	1,388	154	806	428	243	101	84	23.3	44.5
Other service workers.....	8,905	345	2,565	5,995	4,164	863	969	35.2	43.3
MALE									
White-collar workers.....	19,463	193	1,271	17,999	9,593	2,677	5,728	44.2	46.4
Professional and technical.....	6,510	59	379	6,072	3,588	856	1,628	43.3	45.1
Managers, officials, and proprietors.....	7,045	55	178	6,812	2,757	1,100	2,956	48.3	49.4
Clerical workers.....	3,126	40	341	2,745	2,085	335	325	38.9	41.7
Sales workers.....	2,782	40	373	2,369	1,167	386	817	41.9	46.2
Blue-collar workers.....	21,340	805	1,466	19,069	12,748	3,167	3,154	40.4	42.9
Craftsmen and foremen.....	9,209	281	272	8,656	5,795	1,481	1,380	41.4	42.7
Operatives.....	8,491	285	442	7,764	4,937	1,366	1,461	41.9	43.8
Nonfarm laborers.....	3,640	239	753	2,648	2,015	320	313	34.3	41.1
Service workers.....	3,994	91	814	3,089	1,892	520	677	38.8	45.1
Private household.....	41	5	23	13	8	4	1	20.3	39.6
Other service workers.....	3,953	86	791	3,076	1,885	515	676	39.0	45.1
FEMALE									
White-collar workers.....	17,242	333	3,890	13,019	10,642	1,248	1,129	35.3	40.6
Professional and technical.....	4,256	71	861	3,324	2,386	463	475	36.1	41.5
Managers, officials, and proprietors.....	1,389	19	185	1,185	675	175	336	42.5	46.5
Clerical workers.....	9,646	151	1,962	7,533	6,793	519	221	35.0	39.3
Sales workers.....	1,950	92	881	977	790	91	97	29.5	40.5
Blue-collar workers.....	4,148	377	438	3,333	2,792	403	138	36.2	39.7
Craftsmen and foremen.....	343	16	58	269	227	27	16	35.8	40.0
Operatives.....	3,584	348	330	2,906	2,445	350	112	36.3	39.6
Nonfarm laborers.....	222	13	50	159	122	26	10	35.3	41.0
Service workers.....	6,299	408	2,558	3,333	2,514	444	375	30.3	41.7
Private household.....	1,347	149	784	414	234	97	83	23.4	44.7
Other service workers.....	4,952	259	1,774	2,919	2,280	347	293	32.2	41.3

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

May 1971

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
(Percent distribution)							
TOTAL							
White-collar workers	100.0	1.4	14.1	84.5	55.1	10.7	18.7
Professional and technical	100.0	1.2	11.5	87.3	55.5	12.3	19.5
Managers, officials, and proprietors	100.0	.9	4.3	94.8	40.7	15.1	39.0
Clerical workers	100.0	1.5	18.0	80.5	69.5	6.7	4.3
Sales workers	100.0	2.8	26.5	70.7	41.3	10.1	19.3
Blue-collar workers	100.0	4.6	7.5	87.9	61.0	14.0	12.9
Craftsmen and foremen	100.0	3.1	3.5	93.4	63.0	15.8	14.6
Operatives	100.0	5.2	6.4	88.4	61.1	14.2	13.0
Nonfarm laborers	100.0	6.6	20.8	72.7	55.4	8.9	8.3
Service workers	100.0	4.8	32.8	62.4	42.8	9.4	10.2
Private household	100.0	11.1	58.1	30.8	17.5	7.3	6.1
Other service workers	100.0	3.9	28.8	67.3	46.8	9.7	10.9
MALE							
White-collar workers	100.0	1.0	6.5	92.5	49.3	13.8	29.4
Professional and technical	100.0	.9	5.8	93.3	55.1	13.1	25.0
Managers, officials, and proprietors	100.0	.8	2.5	96.7	39.1	15.6	42.0
Clerical workers	100.0	1.3	10.9	87.8	66.7	10.7	10.4
Sales workers	100.0	1.4	13.4	85.2	41.9	13.9	29.4
Blue-collar workers	100.0	3.8	6.9	89.4	59.7	14.8	14.8
Craftsmen and foremen	100.0	3.1	3.0	94.0	62.9	16.1	15.0
Operatives	100.0	3.4	5.2	91.4	58.1	16.1	17.2
Nonfarm laborers	100.0	6.6	20.7	72.7	55.4	8.8	8.6
Service workers	100.0	2.3	20.4	77.3	47.4	13.0	17.0
Private household	100.0	12.2	56.1	31.7	19.5	9.8	2.4
Other service workers	100.0	2.2	20.0	77.8	47.7	13.0	17.1
FEMALE							
White-collar workers	100.0	1.9	22.6	75.5	61.7	7.2	6.5
Professional and technical	100.0	1.7	20.2	78.1	56.1	10.9	11.2
Managers, officials, and proprietors	100.0	1.4	13.3	85.3	48.6	12.6	24.2
Clerical workers	100.0	1.6	20.3	78.1	70.4	5.4	2.3
Sales workers	100.0	4.7	45.2	50.1	40.5	4.7	5.0
Blue-collar workers	100.0	9.1	10.6	80.4	67.3	9.7	3.3
Craftsmen and foremen	100.0	4.7	16.9	78.4	66.2	7.9	4.7
Operatives	100.0	9.7	9.2	81.1	68.2	9.8	3.1
Nonfarm laborers	100.0	5.9	22.5	71.6	55.0	11.7	4.5
Service workers	100.0	6.5	40.6	52.9	39.9	7.0	6.0
Private household	100.0	11.1	58.2	30.7	17.4	7.2	6.2
Other service workers	100.0	5.2	35.8	58.9	46.0	7.0	5.9

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

May 1971
(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.....	8,101	4,105	3,997	6,950	3,533	3,417	1,152	572	580
Civilian labor force.....	1,434	885	549	1,359	831	528	76	55	21
Employed.....	1,306	791	516	1,243	745	498	63	46	18
Agriculture.....	177	142	35	163	129	34	14	13	1
Nonagricultural industries.....	1,129	649	480	1,080	616	464	50	33	16
Unemployed.....	128	94	34	116	85	30	12	9	3
Not in labor force.....	6,667	3,220	3,447	5,591	2,702	2,889	1,076	517	559
Keeping house.....	54	7	47	45	7	39	9	1	8
Going to school.....	6,510	3,162	3,348	5,458	2,651	2,807	1,052	511	541
Unable to work.....	11	7	3	11	7	3	-	-	-
All other reasons.....	92	42	50	77	37	40	15	6	10

A-28: Employed 14- 15 year-olds by sex, class of worker, and major occupation group
May 1971

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,306	791	516	100.0	100.0	100.0
Nonagricultural industries.....	1,129	649	480	86.4	82.1	93.0
Wage and salary workers.....	1,040	563	476	79.6	71.2	92.2
Private household workers.....	532	177	356	40.7	22.3	69.0
Government workers.....	30	18	12	2.3	2.3	2.3
Other wage and salary workers.....	477	369	108	36.5	46.6	20.9
Self-employed workers.....	78	75	3	6.0	9.5	.6
Unpaid family workers.....	12	11	1	.9	1.4	.2
Agriculture.....	177	142	35	13.6	17.9	7.0
Wage and salary workers.....	60	52	9	4.6	6.6	1.7
Self-employed workers.....	25	25	-	1.9	3.2	-
Unpaid family workers.....	92	65	27	7.0	8.2	5.2
OCCUPATION						
Total.....	1,306	791	516	100.0	100.0	100.0
White-collar workers.....	270	227	43	20.6	28.8	8.1
Professional and technical.....	13	7	6	1.0	.9	1.2
Managers, officials, and proprietors.....	2	3	-	.2	.4	-
Clerical workers.....	28	14	14	2.1	1.8	2.7
Sales workers.....	226	204	22	17.3	25.8	4.3
Blue-collar workers.....	340	323	17	26.1	40.8	3.5
Craftsmen and foremen.....	10	10	-	.8	1.3	-
Operatives.....	42	31	11	3.2	3.9	2.1
Nonfarm laborers.....	289	282	7	22.1	35.6	1.4
Service workers.....	549	126	423	42.0	15.9	82.0
Private household workers.....	370	16	354	28.3	2.0	68.5
Other service workers.....	179	110	70	13.7	13.9	13.5
Farm workers.....	147	114	33	11.3	14.5	6.4
Farmers and farm managers.....	3	3	-	.2	.4	-
Farm laborers and foremen.....	144	112	33	11.0	14.1	6.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Employment status, sex, and age	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total													
Total labor force	87,028	86,665	86,405	86,334	86,873	86,622	86,512	86,379	86,084	85,904	85,865	85,392	85,849
Civilian labor force	84,178	83,783	83,475	83,384	83,897	83,609	83,473	83,300	82,975	82,770	82,711	82,213	82,621
Employed	78,961	78,698	78,475	78,537	78,864	78,463	78,550	78,691	78,479	78,508	78,574	78,299	78,601
Agriculture	3,458	3,558	3,396	3,329	3,413	3,408	3,353	3,293	3,436	3,435	3,508	3,536	3,570
Nonagricultural industries	75,503	75,140	75,079	75,208	75,451	75,055	75,197	75,398	75,043	75,073	75,066	74,763	75,031
On part time for economic reasons	2,504	2,494	2,455	2,458	2,484	2,533	2,413	2,409	2,075	2,259	2,306	2,124	2,228
Usually work full time	1,219	1,309	1,242	1,227	1,377	1,382	1,249	1,347	1,005	1,292	1,248	1,145	1,235
Usually work part time	1,285	1,185	1,213	1,231	1,107	1,151	1,164	1,062	1,070	967	1,058	979	993
Unemployed	5,217	5,085	5,000	4,847	5,033	5,146	4,923	4,609	4,496	4,262	4,137	3,914	4,020
Men, 20 years and over													
Total labor force	50,392	50,230	49,994	49,811	50,074	50,158	50,184	50,134	50,098	49,970	49,975	49,906	49,999
Civilian labor force	47,893	47,703	47,425	47,239	47,480	47,531	47,548	47,463	47,401	47,243	47,245	47,154	47,205
Employed	45,737	45,625	45,411	45,237	45,425	45,365	45,531	45,531	45,530	45,472	45,507	45,546	45,616
Agriculture	2,460	2,476	2,439	2,347	2,435	2,458	2,472	2,444	2,518	2,528	2,576	2,586	2,605
Nonagricultural industries	43,277	43,149	42,972	42,890	42,990	42,907	43,059	43,087	43,012	42,944	42,931	42,960	43,011
Unemployed	2,156	2,078	2,014	2,002	2,055	2,166	2,017	1,932	1,871	1,771	1,738	1,608	1,589
Women, 20 years and over													
Civilian labor force	28,586	28,489	28,594	28,645	28,855	28,644	28,580	28,520	28,249	28,413	28,394	28,057	28,006
Employed	26,857	26,791	26,938	27,051	27,211	26,988	26,967	27,084	26,829	27,044	26,996	26,794	26,626
Agriculture	539	583	539	551	544	538	519	507	533	521	550	568	562
Nonagricultural industries	26,318	26,208	26,399	26,500	26,667	26,450	26,448	26,577	26,296	26,523	26,446	26,226	26,064
Unemployed	1,729	1,698	1,656	1,594	1,644	1,656	1,613	1,436	1,420	1,369	1,398	1,263	1,380
Both sexes, 16-19 years													
Civilian labor force	7,699	7,591	7,456	7,500	7,562	7,434	7,345	7,317	7,325	7,114	7,072	7,002	7,410
Employed	6,367	6,282	6,126	6,249	6,228	6,110	6,052	6,076	6,120	5,992	6,071	5,959	6,359
Agriculture	459	499	418	431	434	412	362	342	385	386	382	382	403
Nonagricultural industries	5,908	5,783	5,708	5,818	5,794	5,698	5,690	5,734	5,735	5,606	5,689	5,577	5,956
Unemployed	1,332	1,309	1,330	1,251	1,334	1,324	1,293	1,241	1,205	1,122	1,001	1,043	1,051

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

A-30: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Full time													
Total, 16 years and over:													
Civilian labor force	72,338	71,810	71,351	71,627	71,710	71,937	71,815	71,560	71,422	71,084	71,157	70,772	71,005
Employed	68,156	67,896	67,410	67,765	67,766	67,805	67,789	67,914	67,881	67,754	67,903	67,691	67,726
Unemployed	4,182	3,914	3,941	3,862	3,944	4,132	4,026	3,646	3,541	3,330	3,254	3,081	3,279
Unemployment rate	5.8	5.5	5.5	5.4	5.5	5.7	5.6	5.1	5.0	4.7	4.6	4.4	4.6
Men, 20 years and over:													
Civilian labor force	45,619	45,326	45,055	45,048	45,138	45,300	45,268	45,172	45,118	44,958	45,050	44,958	45,013
Employed	43,652	43,434	43,217	43,202	43,272	43,318	43,402	43,361	43,403	43,339	43,445	43,476	43,554
Unemployed	1,967	1,892	1,838	1,846	1,866	1,982	1,866	1,811	1,715	1,619	1,605	1,482	1,459
Unemployment rate	4.3	4.2	4.1	4.1	4.1	4.4	4.1	4.0	3.8	3.6	3.6	3.3	3.2
Women, 20 years and over:													
Civilian labor force	22,493	22,448	22,349	22,599	22,575	22,512	22,514	22,481	22,286	22,328	22,303	22,100	21,895
Employed	21,039	21,130	21,013	21,331	21,269	21,191	21,178	21,324	21,144	21,245	21,211	21,088	20,716
Unemployed	1,454	1,318	1,336	1,268	1,306	1,321	1,336	1,157	1,142	1,083	1,092	1,012	1,179
Unemployment rate	6.5	5.9	6.0	5.6	5.8	5.9	5.9	5.1	5.1	4.9	4.9	4.6	5.4
Part time													
Total, 16 years and over:													
Civilian labor force	11,731	11,853	12,092	11,747	12,291	11,640	11,736	11,665	11,682	11,793	11,696	11,536	11,488
Employed	10,650	10,739	11,038	10,727	11,156	10,637	10,746	10,701	10,702	10,866	10,816	10,740	10,721
Unemployed	1,081	1,114	1,054	1,020	1,135	1,003	990	964	980	927	880	796	767
Unemployment rate	9.2	9.4	8.7	8.7	9.2	8.6	8.4	8.3	8.4	7.9	7.5	6.9	6.7

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

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-31: Employment status by color, sex, and age, seasonally adjusted
(In thousands)

Characteristics	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
White													
Total:													
Civilian labor force	74,761	74,498	74,217	74,169	74,803	74,340	74,333	74,211	73,747	73,409	73,473	72,929	73,357
Employed	70,511	70,349	70,083	70,204	70,626	70,186	70,215	70,386	70,067	69,910	70,068	69,787	70,059
Unemployed	4,250	4,149	4,134	3,965	4,177	4,154	4,118	3,825	3,680	3,499	3,405	3,142	3,298
Unemployment rate	5.7	5.6	5.6	5.3	5.6	5.6	5.5	5.2	5.0	4.8	4.6	4.3	4.5
Males, 20 years and over:													
Civilian labor force	43,154	42,942	42,705	42,576	42,732	42,666	42,807	42,782	42,616	42,463	42,473	42,440	42,495
Employed	41,312	41,185	40,973	40,881	41,011	40,983	41,086	41,117	41,061	40,963	41,015	41,079	41,164
Unemployed	1,842	1,757	1,732	1,695	1,721	1,683	1,721	1,665	1,555	1,500	1,458	1,361	1,331
Unemployment rate	4.3	4.1	4.1	4.0	4.0	3.9	4.0	3.9	3.6	3.5	3.4	3.2	3.1
Females, 20 years and over:													
Civilian labor force	24,733	24,800	24,873	24,869	25,246	25,020	24,922	24,871	24,567	24,650	24,731	24,331	24,284
Employed	23,425	23,437	23,535	23,605	23,899	23,618	23,589	23,705	23,416	23,535	23,560	23,325	23,185
Unemployed	1,308	1,363	1,338	1,264	1,347	1,402	1,333	1,166	1,151	1,115	1,171	1,006	1,099
Unemployment rate	5.3	5.5	5.4	5.1	5.3	5.6	5.3	4.7	4.7	4.5	4.7	4.1	4.5
Both sexes, 16 to 19 years:													
Civilian labor force	6,874	6,756	6,639	6,724	6,825	6,654	6,604	6,558	6,564	6,296	6,269	6,158	6,578
Employed	5,774	5,727	5,575	5,718	5,716	5,585	5,540	5,564	5,590	5,412	5,493	5,383	5,710
Unemployed	1,100	1,029	1,064	1,006	1,109	1,069	1,064	994	974	884	776	775	868
Unemployment rate	16.0	15.2	16.0	15.0	16.2	16.1	16.1	15.2	14.8	14.0	12.4	12.6	13.2
Negro and other races													
Total:													
Civilian labor force	9,381	9,257	9,335	9,268	9,243	9,223	9,181	9,132	9,185	9,245	9,233	9,220	9,245
Employed	8,400	8,332	8,456	8,382	8,367	8,347	8,358	8,283	8,378	8,469	8,470	8,443	8,512
Unemployed	981	925	879	886	876	876	823	849	807	776	763	777	733
Unemployment rate	10.5	10.0	9.4	9.6	9.5	9.5	9.0	9.3	8.8	8.4	8.3	8.4	7.9
Males, 20 years and over:													
Civilian labor force	4,741	4,751	4,746	4,705	4,786	4,784	4,742	4,732	4,766	4,770	4,778	4,721	4,716
Employed	4,418	4,429	4,454	4,388	4,436	4,425	4,458	4,412	4,460	4,494	4,490	4,444	4,451
Unemployed	323	322	292	317	350	359	284	320	306	276	288	277	265
Unemployment rate	6.8	6.8	6.2	6.7	7.3	7.5	6.0	6.8	6.4	5.8	6.0	5.9	5.6
Females, 20 years and over:													
Civilian labor force	3,819	3,706	3,754	3,800	3,708	3,654	3,655	3,606	3,647	3,680	3,661	3,684	3,692
Employed	3,415	3,360	3,437	3,470	3,419	3,388	3,372	3,346	3,383	3,416	3,416	3,429	3,427
Unemployed	404	346	317	330	289	266	283	260	264	264	245	255	265
Unemployment rate	10.6	9.3	8.4	8.7	7.8	7.3	7.7	7.2	7.2	7.2	6.7	6.9	7.2
Both sexes, 16 to 19 years:													
Civilian labor force	821	800	835	763	749	785	784	794	772	795	794	815	837
Employed	567	543	565	524	512	534	528	525	535	559	564	570	634
Unemployed	254	257	270	239	237	251	256	269	269	236	230	245	203
Unemployment rate	30.9	32.1	32.3	31.3	31.6	32.0	32.7	33.9	33.9	29.7	29.0	30.1	24.3

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

(In thousands)

Duration of unemployment	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Less than 5 weeks	2,276	2,276	2,116	2,154	2,322	2,456	2,333	2,373	2,271	2,217	2,080	2,001	2,145
5 to 14 weeks	1,519	1,560	1,649	1,595	1,624	1,612	1,758	1,490	1,470	1,340	1,322	1,276	1,205
15 weeks and over	1,202	1,071	1,107	1,069	1,079	1,084	880	754	788	727	694	661	606
15 to 26 weeks	622	641	651	614	666	750	555	496	507	475	458	427	346
27 weeks and over	580	430	456	455	413	334	325	258	281	252	236	234	260
Average (mean) duration	11.5	10.9	10.8	10.4	10.4	9.7	9.3	8.5	9.0	8.8	9.0	9.4	8.8

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total (all civilian workers)	6.2	6.1	6.0	5.8	6.0	6.2	5.9	5.5	5.4	5.1	5.0	4.8	4.9
Men, 20 years and over	4.5	4.4	4.2	4.2	4.3	4.6	4.2	4.1	3.9	3.7	3.7	3.4	3.4
Women, 20 years and over	6.0	6.0	5.8	5.6	5.7	5.8	5.6	5.0	5.0	4.8	4.9	4.5	4.9
Both sexes, 16-19 years	17.3	17.2	17.8	16.7	17.6	17.8	17.6	17.0	16.5	15.8	14.2	14.9	14.2
White	5.7	5.6	5.6	5.3	5.6	5.6	5.5	5.2	5.0	4.8	4.6	4.3	4.5
Negro and other races	10.5	10.0	9.4	9.6	9.5	9.5	9.0	9.3	8.8	8.4	8.3	8.4	7.9
Married men	3.3	3.1	3.2	3.2	3.3	3.4	3.2	3.0	2.9	2.8	2.7	2.5	2.5
Full-time workers	5.8	5.5	5.5	5.4	5.5	5.7	5.6	5.1	5.0	4.7	4.6	4.4	4.6
Part-time workers	9.2	9.4	8.7	8.7	9.2	8.6	8.4	8.3	8.4	7.9	7.5	6.9	6.7
Unemployed 15 weeks and over ¹	1.4	1.3	1.3	1.3	1.3	1.3	1.1	.9	.9	.9	.8	.8	.7
State insured ²	4.3	3.9	3.9	3.7	3.7	4.2	4.6	4.5	4.2	3.7	3.5	3.7	3.6
Labor force time lost ³	6.8	6.4	6.5	6.3	6.4	6.4	6.4	6.1	5.9	5.5	5.4	4.9	5.5
Occupation													
White-collar workers	3.7	3.8	3.7	3.5	3.5	3.8	3.6	3.0	2.9	2.8	3.0	2.6	2.8
Professional and technical	3.2	3.3	3.4	3.3	3.0	2.9	2.6	1.9	2.0	1.9	2.1	1.5	2.0
Managers, officials, and proprietors	1.5	1.6	1.7	1.5	1.5	1.7	1.7	1.4	1.5	1.3	1.6	1.4	1.2
Clerical workers	4.8	5.2	4.9	4.7	4.9	5.3	5.0	4.3	4.0	3.9	4.3	4.0	3.9
Sales workers	5.5	4.5	4.4	3.9	4.1	5.1	4.9	4.0	3.9	4.0	3.9	3.4	4.3
Blue-collar workers	7.5	7.4	7.4	7.4	7.6	7.8	7.4	7.3	7.3	6.9	6.5	6.3	6.0
Craftsmen and foremen	4.1	4.5	4.9	4.3	5.1	5.0	4.5	4.0	5.3	4.4	4.3	4.0	3.9
Operatives	8.8	8.6	8.4	8.4	8.6	9.0	8.8	8.5	7.6	7.8	7.2	6.8	6.7
Nonfarm laborers	11.5	10.2	10.0	11.3	10.6	11.0	10.1	11.2	11.2	10.1	9.7	10.2	9.1
Service workers	6.4	6.3	6.0	5.9	6.4	6.2	6.0	5.7	5.7	5.5	5.3	5.1	5.0
Farm workers	1.9	1.8	2.2	3.2	3.2	3.3	2.7	2.9	3.9	2.6	2.5	1.9	3.4
Industry													
Private wage and salary workers ⁴	6.5	6.3	6.4	6.1	6.4	6.6	6.2	6.0	5.8	5.5	5.5	5.2	5.2
Construction	11.2	9.6	10.9	11.0	11.2	11.8	9.1	11.7	12.7	11.8	10.8	10.6	12.0
Manufacturing	6.9	7.0	6.9	6.8	7.2	7.6	7.3	6.7	6.1	5.8	5.8	5.3	5.2
Durable goods	7.2	7.5	7.3	7.1	7.2	8.0	8.2	7.3	6.3	5.7	5.7	5.2	4.9
Nondurable goods	6.4	6.3	6.4	6.4	7.1	7.2	6.1	5.8	5.8	5.9	6.0	5.5	5.6
Transportation and public utilities	4.4	4.0	3.3	4.0	4.6	4.1	3.6	3.5	3.0	3.1	3.3	3.3	3.1
Wholesale and retail trade	6.9	6.5	6.7	6.2	6.1	6.7	6.1	5.8	5.7	5.5	5.3	5.3	5.2
Finance and service industries	5.1	5.3	5.3	4.8	5.0	4.9	5.1	4.5	4.8	4.4	4.6	4.1	4.2
Government wage and salary workers	3.0	2.8	2.8	2.6	2.9	3.0	2.8	2.5	2.0	2.2	2.0	2.0	2.2
Agricultural wage and salary workers	7.5	6.1	6.5	9.4	9.0	9.6	8.8	8.4	9.1	8.0	7.9	5.5	9.5

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

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

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

Sex and age	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total, 16 years and over	6.2	6.1	6.0	5.8	6.0	6.2	5.9	5.5	5.4	5.1	5.0	4.8	4.9
16 to 19 years	17.3	17.2	17.8	16.7	17.6	17.8	17.6	17.0	16.5	15.8	14.2	14.9	14.2
16 and 17 years	19.0	18.3	18.8	17.4	20.3	19.8	18.6	19.7	19.0	17.3	15.5	16.4	15.9
18 and 19 years	16.7	15.8	17.2	16.1	16.0	16.5	16.6	15.1	14.6	14.5	13.4	13.6	13.5
20 to 24 years	11.1	10.4	10.0	9.4	9.7	10.2	10.0	9.1	9.3	8.4	8.5	7.6	8.1
25 years and over	4.0	4.0	4.0	3.9	4.0	4.2	3.9	3.7	3.5	3.4	3.4	3.2	3.3
25 to 54 years	4.1	4.2	4.2	4.0	4.1	4.4	4.2	3.9	3.6	3.6	3.6	3.3	3.3
55 years and over	3.6	3.6	3.3	3.6	3.6	3.5	3.3	3.0	3.1	2.8	2.9	2.9	3.2
Males, 16 years and over	5.6	5.3	5.3	5.2	5.4	5.6	5.2	5.1	4.9	4.7	4.5	4.3	4.3
16 to 19 years	17.6	16.5	17.0	16.2	17.6	17.2	16.5	17.0	16.4	15.7	14.2	15.2	14.8
16 and 17 years	17.5	18.5	18.4	17.3	19.8	20.0	17.7	19.8	19.4	17.0	15.4	16.7	16.3
18 and 19 years	18.0	14.9	16.0	15.3	15.7	15.0	15.1	14.9	14.2	14.5	13.7	13.5	13.8
20 to 24 years	10.8	10.5	10.0	9.7	10.4	10.9	10.4	10.6	10.1	8.7	9.0	7.4	7.7
25 years and over	3.6	3.5	3.4	3.4	3.5	3.7	3.4	3.2	3.0	3.0	2.9	2.9	2.8
25 to 54 years	3.6	3.4	3.4	3.2	3.4	3.6	3.5	3.3	3.0	3.0	2.9	2.9	2.7
55 years and over	3.5	3.7	3.5	3.9	3.8	3.7	3.5	3.0	3.1	3.0	2.8	2.8	3.0
Females, 16 years and over	7.2	7.3	7.2	6.8	6.9	7.1	7.0	6.3	6.2	5.9	5.8	5.5	5.8
16 to 19 years	16.9	18.2	18.8	17.2	17.7	18.6	19.0	16.9	16.5	15.8	14.1	14.5	13.5
16 and 17 years	20.8	17.9	19.4	17.5	21.0	19.4	19.8	19.5	18.6	17.6	15.7	15.9	15.3
18 and 19 years	15.2	16.9	18.5	17.0	16.4	18.2	18.4	15.3	14.9	14.6	13.1	13.6	13.0
20 to 24 years	11.5	10.3	10.1	9.1	9.0	9.3	9.6	7.4	8.2	8.1	8.0	7.9	8.6
25 years and over	4.8	5.0	5.0	4.8	4.9	5.1	4.8	4.6	4.3	4.2	4.3	3.8	4.1
25 to 54 years	5.1	5.5	5.6	5.3	5.2	5.7	5.4	5.0	4.7	4.6	4.7	4.2	4.3
55 years and over	3.7	3.4	3.1	3.1	3.3	3.1	2.9	3.0	3.0	2.6	3.0	3.0	3.5

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

(Numbers in thousands)

Reason for unemployment	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Number of unemployed													
Lost last job	2,311	2,281	2,185	2,288	2,281	2,536	2,385	2,208	2,099	1,974	1,824	1,845	1,796
Left last job	618	606	594	652	643	614	607	590	540	563	600	559	543
Reentered labor force	1,527	1,460	1,537	1,296	1,497	1,472	1,397	1,214	1,335	1,269	1,283	1,086	1,168
Never worked before	740	688	678	589	644	594	607	553	538	492	429	482	475
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	44.5	45.3	43.8	47.4	45.0	48.6	47.7	48.4	46.5	45.9	44.1	46.5	45.1
Left last job	11.9	12.0	11.9	13.5	12.7	11.8	12.1	12.9	12.0	13.1	14.5	14.1	13.6
Reentered labor force	29.4	29.0	30.8	26.9	29.6	28.2	28.0	26.6	29.6	29.5	31.0	27.3	29.3
Never worked before	14.2	13.7	13.6	12.2	12.7	11.4	12.1	12.1	11.9	11.4	10.4	12.1	11.9
Unemployed as a percent of the civilian labor force													
Lost last job	2.7	2.7	2.6	2.7	2.7	3.0	2.9	2.7	2.5	2.4	2.2	2.2	2.2
Left last job .....	.7	.7	.7	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7
Reentered labor force	1.8	1.7	1.8	1.6	1.8	1.8	1.7	1.5	1.6	1.5	1.6	1.3	1.4
Never worked before .....	.9	.8	.8	.7	.8	.7	.7	.7	.6	.6	.5	.6	.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Sex and age	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total													
16 years and over	78,961	78,698	78,475	78,537	78,864	78,463	78,550	78,691	78,479	78,508	78,574	78,299	78,601
16 to 19 years	6,367	6,282	6,126	6,249	6,228	6,110	6,052	6,076	6,120	5,992	6,071	5,959	6,359
16 and 17 years	2,688	2,660	2,627	2,709	2,684	2,544	2,541	2,531	2,586	2,540	2,556	2,505	2,688
18 and 19 years	3,658	3,619	3,517	3,555	3,555	3,559	3,528	3,559	3,544	3,413	3,486	3,457	3,655
20 to 24 years	10,014	9,980	9,839	9,795	9,926	9,879	9,859	9,940	9,858	9,778	9,707	9,617	9,626
25 years and over	62,589	62,431	62,533	62,489	62,722	62,461	62,646	62,679	62,506	62,731	62,790	62,743	62,618
25 to 54 years	48,687	48,446	48,495	48,619	48,667	48,436	48,577	48,592	48,489	48,655	48,697	48,659	48,665
55 years and over	13,948	13,956	14,072	13,928	14,237	14,064	14,015	14,054	13,980	14,035	14,044	13,996	14,006
Male													
16 years and over	49,243	49,144	48,793	48,725	48,908	48,870	48,964	48,870	48,898	48,754	48,858	48,824	49,073
16 to 19 years	3,506	3,519	3,382	3,488	3,483	3,505	3,433	3,339	3,368	3,282	3,351	3,278	3,457
16 and 17 years	1,552	1,548	1,476	1,577	1,561	1,537	1,489	1,439	1,484	1,455	1,500	1,465	1,517
18 and 19 years	1,969	1,957	1,915	1,920	1,924	1,973	1,956	1,914	1,890	1,793	1,834	1,820	1,954
20 to 24 years	5,540	5,510	5,405	5,322	5,365	5,400	5,342	5,299	5,308	5,250	5,209	5,192	5,213
25 years and over	40,216	40,114	40,027	39,926	40,038	39,997	40,165	40,230	40,235	40,234	40,280	40,346	40,415
25 to 54 years	31,253	31,204	31,070	31,148	31,094	31,132	31,281	31,290	31,301	31,248	31,298	31,292	31,360
55 years and over	8,971	8,912	8,943	8,812	9,007	8,901	8,900	8,938	8,927	8,957	8,979	8,996	9,066
Female													
16 years and over	29,718	29,554	29,682	29,812	29,956	29,593	29,586	29,821	29,581	29,754	29,716	29,475	29,528
16 to 19 years	2,861	2,763	2,744	2,761	2,745	2,605	2,619	2,737	2,752	2,710	2,720	2,681	2,902
16 and 17 years	1,136	1,112	1,151	1,132	1,123	1,007	1,052	1,092	1,102	1,085	1,056	1,040	1,171
18 and 19 years	1,689	1,662	1,602	1,635	1,631	1,586	1,572	1,645	1,654	1,620	1,652	1,637	1,701
20 to 24 years	4,474	4,470	4,434	4,473	4,561	4,479	4,517	4,641	4,550	4,528	4,498	4,425	4,413
25 years and over	22,373	22,317	22,506	22,563	22,684	22,464	22,481	22,449	22,271	22,449	22,510	22,397	22,203
25 to 54 years	17,434	17,242	17,425	17,471	17,573	17,304	17,296	17,302	17,188	17,407	17,399	17,367	17,305
55 years and over	4,977	5,044	5,129	5,116	5,230	5,163	5,115	5,116	5,053	5,078	5,065	5,000	4,940

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

(In thousands)

Occupation group	1971					1970							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
White-collar workers	38,128	37,932	37,838	37,791	38,086	38,107	38,165	38,110	38,003	37,950	38,027	38,006	37,932
Professional and technical	11,025	10,969	10,837	10,907	10,777	11,132	11,156	11,172	11,234	11,280	11,246	11,175	11,088
Managers, officials, and proprietors	8,680	8,607	8,662	8,573	8,729	8,408	8,378	8,349	8,246	8,248	8,308	8,294	8,336
Clerical workers	13,394	13,236	13,247	13,265	13,474	13,613	13,700	13,671	13,647	13,543	13,622	13,696	13,700
Sales workers	5,029	5,120	5,092	5,046	5,106	4,954	4,931	4,918	4,876	4,879	4,851	4,841	4,808
Blue-collar workers	26,978	27,005	26,999	27,196	27,023	27,444	27,695	27,736	27,580	27,683	27,662	27,493	27,736
Craftsmen and foremen	10,059	10,050	10,045	10,291	9,985	10,149	10,163	10,205	10,149	10,090	10,093	10,098	10,097
Operatives	12,915	12,927	12,899	12,841	12,931	13,583	13,747	13,895	13,728	13,811	13,840	13,845	13,920
Nonfarm laborers	4,004	4,028	4,055	4,064	4,107	3,712	3,785	3,636	3,703	3,782	3,729	3,550	3,719
Service workers	10,743	10,492	10,681	10,621	10,749	9,799	9,728	9,834	9,915	9,776	9,682	9,595	9,634
Farmers and farm laborers	3,025	3,169	2,991	2,944	3,026	3,080	2,990	2,997	3,095	3,086	3,174	3,204	3,221

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry

(In thousands)

SIC CODE	Industry	All employees					Production workers ¹				
		May 1971 ^p	Apr. 1971 ^p	Mar. 1971	May 1970	Apr. 1970	May 1971 ^p	Apr. 1971 ^p	Mar. 1971	May 1970	Apr. 1970
-	TOTAL	70,775	70,356	69,875	70,780	70,758	-	-	-	-	-
-	PRIVATE SECTOR	57,712	57,293	56,803	58,054	58,001	47,675	47,261	46,761	47,905	47,854
-	MINING	625	617	608	620	616	475	467	459	471	469
10	METAL MINING	-	93.6	92.8	94.1	93.1	-	74.7	74.4	76.3	75.2
101	Iron ores	-	25.4	25.1	26.4	25.6	-	20.7	20.4	21.6	20.9
102	Copper ores	-	38.0	37.8	36.4	36.2	-	30.0	30.0	29.2	29.0
11,12	COAL MINING	-	155.0	154.0	141.1	141.2	-	133.7	132.7	122.1	122.8
12	Bituminous coal and lignite mining	-	149.4	148.4	135.4	135.5	-	128.7	127.8	117.3	117.7
13	OIL AND GAS EXTRACTION	-	253.7	252.0	267.0	265.9	-	164.9	163.2	176.4	175.9
131,2	Crude petroleum and natural gas fields	-	137.2	137.7	140.7	140.4	-	69.6	70.3	72.2	72.4
138	Oil and gas field services	-	116.5	114.3	126.3	125.5	-	95.3	92.9	104.2	103.5
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	114.3	109.0	117.6	115.7	-	93.3	88.4	96.6	94.6
142	Crushed and broken stone	-	41.3	38.6	41.6	40.3	-	34.5	31.9	34.7	33.6
144	Sand and gravel	-	36.3	33.8	37.9	36.9	-	-	-	-	-
-	CONTRACT CONSTRUCTION	3,264	3,156	2,955	3,344	3,286	2,716	2,613	2,414	2,791	2,736
15	GENERAL BUILDING CONTRACTORS	-	899.8	863.8	978.4	975.4	-	745.1	707.9	816.8	813.6
16	HEAVY CONSTRUCTION CONTRACTORS	-	691.0	580.9	761.2	684.9	-	581.9	474.9	649.9	575.3
161	Highway and street construction	-	285.1	215.3	345.0	289.3	-	247.0	178.9	306.0	250.9
162	Heavy construction, n e c	-	405.9	365.6	416.2	395.6	-	334.9	296.0	343.9	324.4
17	SPECIAL TRADE CONTRACTORS	-	1,564.8	1,510.1	1,603.9	1,625.7	-	1,285.7	1,231.0	1,323.9	1,347.4
171	Plumbing, heating, air conditioning	-	368.9	364.5	381.9	392.4	-	290.9	286.9	303.8	314.3
172	Painting, paper hanging, decorating	-	109.4	101.0	130.3	125.0	-	93.8	84.5	114.0	108.9
173	Electrical work	-	267.9	266.6	279.7	280.5	-	210.9	209.1	223.1	223.8
174	Masonry, stonework, and plastering	-	211.2	202.2	209.0	216.6	-	190.4	182.0	187.7	195.4
176	Roofing and sheet metal work	-	112.9	106.6	112.9	114.7	-	92.6	86.4	92.1	94.1
-	MANUFACTURING	18,562	18,506	18,528	19,432	19,627	13,430	13,374	13,372	14,061	14,240
19,24,25,32-39	DURABLE GOODS	10,598	10,564	10,569	11,352	11,488	7,609	7,575	7,563	8,164	8,282
20-23,26-31	NONDURABLE GOODS	7,964	7,942	7,959	8,080	8,139	5,821	5,799	5,809	5,897	5,958
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	197.2	197.6	201.2	254.1	260.1	98.4	98.7	102.1	139.2	141.5
192	Ammunition, except for small arms	140.1	140.1	143.4	179.8	184.6	64.9	64.9	68.2	92.3	93.6
1925	Complete guided missiles	-	92.4	92.5	104.1	105.0	-	28.0	28.3	32.9	32.1
1929	Ammunition, exc. for small arms, nec	-	47.7	50.9	75.7	79.6	-	36.9	39.9	59.4	61.5
24	LUMBER AND WOOD PRODUCTS	577.2	564.0	562.5	579.2	574.5	496.6	484.7	483.2	498.8	494.0
241	Logging camps & logging contractors	68.5	62.3	66.8	73.6	71.8	-	-	-	-	-
242	Sawmills and planing mills	211.4	209.1	207.5	217.0	215.3	192.5	190.0	188.7	197.3	195.4
2421	Sawmills and planing mills, general	-	176.9	175.2	183.5	181.3	-	161.0	159.6	167.1	164.8
243	Millwork, plywood & related products	177.6	173.4	169.8	164.6	162.5	148.8	144.6	141.0	136.4	134.5
2431	Millwork	-	74.8	73.3	71.3	70.2	-	60.1	58.6	57.2	56.2
2432	Veneer and plywood	-	76.4	75.8	71.5	71.3	-	68.6	68.0	63.7	63.6
244	Wooden containers	31.0	30.8	30.6	34.4	34.8	27.3	27.2	27.0	30.5	30.9
2441,2	Wooden boxes, shooks, and crates	-	24.8	24.4	27.6	27.5	-	22.0	21.6	24.5	24.4
249	Miscellaneous wood products	88.7	88.4	87.8	89.6	90.1	73.2	73.1	72.6	74.7	75.4

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				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	453.8	448.0	447.8	451.4	462.9	372.4	367.6	367.5	370.5	381.4
251	Household furniture	(*)	322.5	321.0	313.4	323.1	(*)	272.7	271.5	263.9	273.0
2511	Wood household furniture	—	159.7	158.8	154.8	160.9	—	139.8	138.8	135.6	141.0
2512	Upholstered household furniture	—	88.3	87.6	83.3	86.1	—	73.7	73.1	68.6	71.4
2515	Mattresses and bedsprings	—	37.2	37.2	36.8	36.8	—	28.4	28.8	28.2	28.3
252	Office furniture	—	31.6	31.9	38.3	39.1	—	23.6	23.9	29.6	30.4
254	Partitions and fixtures	—	48.2	48.0	50.5	50.2	—	36.6	36.6	39.4	39.1
253,9	Other furniture and fixtures	47.1	46.0	46.9	49.2	50.5	35.5	34.7	35.5	37.6	38.9
32	STONE, CLAY, AND GLASS PRODUCTS . . .	625.6	619.5	608.4	638.0	639.8	495.1	490.2	479.5	506.0	507.6
321	Flat glass	—	23.5	24.2	23.3	23.7	—	17.1	17.9	17.0	17.4
322	Glass and glassware, pressed or blown . . .	126.1	126.8	126.4	131.6	130.7	108.0	108.6	108.5	114.5	113.9
3221	Glass containers	—	72.9	71.9	75.9	74.4	—	63.7	62.8	67.8	66.4
3229	Pressed and blown glass, n e c	—	53.9	54.5	55.7	56.3	—	44.9	45.7	46.7	47.5
324	Cement, hydraulic	32.6	32.2	31.4	34.6	34.3	25.4	25.0	24.3	26.9	26.5
325	Structural clay products	57.4	56.1	54.0	57.5	58.8	47.6	46.3	43.7	46.7	47.8
3251	Brick and structural clay tile	—	25.0	23.8	25.5	25.7	—	21.7	20.2	22.0	22.3
326	Pottery and related products	—	40.8	40.7	42.6	44.0	—	33.9	33.9	35.3	36.6
327	Concrete, gypsum, and plaster products . .	184.4	179.1	171.6	184.8	182.4	143.5	138.7	131.6	143.7	140.7
328,9	Other stone and nonmetallic mineral products	133.6	132.8	132.5	136.5	138.9	98.7	98.5	98.0	100.7	103.7
3291	Abrasive products	—	24.9	24.4	27.0	27.2	—	17.0	16.4	18.7	18.9
33	PRIMARY METAL INDUSTRIES	1,265.7	1,262.3	1,257.5	1,319.4	1,329.5	1,005.6	1,002.9	998.1	1,047.1	1,057.8
331	Blast furnace and basic steel products . .	(*)	621.5	617.2	630.2	632.7	(*)	499.7	495.7	501.6	503.9
3312	Blast furnaces and steel mills	—	546.2	541.5	552.1	552.3	—	441.1	437.0	441.6	441.9
332	Iron and steel foundries	215.4	215.0	215.6	232.4	234.4	178.1	177.8	178.3	194.1	196.3
3321	Gray iron foundries	—	133.6	134.2	145.9	146.4	—	112.0	112.6	124.1	124.7
3322	Malleable iron foundries	—	21.9	21.9	22.1	22.7	—	18.2	18.1	18.2	18.9
3323	Steel foundries	—	59.5	59.5	64.4	65.3	—	47.6	47.6	51.8	52.7
333,4	Nonferrous metals	81.9	81.6	81.8	85.9	86.2	63.3	63.2	63.3	66.2	66.5
3334	Primary aluminum	—	28.5	28.5	30.8	30.8	—	23.1	23.1	25.1	25.2
335	Nonferrous rolling and drawing	205.1	204.6	201.7	214.6	215.5	151.7	151.2	148.4	159.4	161.1
3351	Copper rolling and drawing	—	39.9	39.2	44.1	44.4	—	29.4	28.7	32.8	33.0
3352	Aluminum rolling and drawing	—	67.5	65.8	69.1	69.0	—	49.5	47.9	50.3	50.9
3357	Nonferrous wire drawing and insulating . .	—	76.9	76.3	78.6	79.1	—	58.5	57.9	60.3	60.9
336	Nonferrous foundries	75.0	74.0	74.3	85.3	87.5	60.9	59.7	60.0	70.1	71.9
3361	Aluminum castings	—	38.1	39.1	44.8	46.3	—	31.2	32.2	37.6	38.9
3362,9	Other nonferrous castings	—	35.9	35.2	40.5	41.2	—	28.5	27.7	32.5	33.0
339	Miscellaneous primary metal products . . .	64.9	65.6	66.9	71.0	73.2	50.7	51.3	52.4	55.7	58.1
3391	Iron and steel forgings	—	43.8	45.0	46.5	48.0	—	34.6	35.7	36.9	38.3
34	FABRICATED METAL PRODUCTS	1,332.0	1,331.7	1,301.3	1,385.6	1,402.5	1,014.7	1,012.3	982.4	1,053.8	1,070.1
341	Metal cans	70.4	70.1	37.7	70.1	69.9	62.1	61.5	29.1	59.5	59.1
342	Cutlery, hand tools, and hardware	150.1	152.4	153.7	155.2	158.5	117.5	118.4	119.4	119.7	122.6
3421,3,5	Cutlery and hand tools, incl. saws	—	63.4	64.2	65.4	67.1	—	48.9	49.4	50.2	51.8
3429	Hardware, n e c	—	89.0	89.5	89.8	91.4	—	69.5	70.0	69.5	70.8
343	Plumbing and heating, except electric . .	(*)	79.2	80.2	81.2	82.6	(*)	58.7	59.2	59.3	61.0
3431,2	Sanitary ware & plumbers' brass goods . .	—	35.6	35.6	36.2	36.7	—	28.1	28.2	28.5	29.1
3433	Heating equipment, except electric	—	43.6	44.6	45.0	45.9	—	30.6	31.0	30.8	31.9
344	Fabricated structural metal products	409.0	406.7	405.1	419.1	421.4	291.9	288.9	287.9	299.7	302.4
3441	Fabricated structural steel	—	105.4	106.2	106.1	107.9	—	77.0	77.7	77.8	79.1
3442	Metal doors, sash, and trim	—	65.6	62.6	65.4	64.3	—	47.6	44.9	46.6	45.7
3443	Fabricated plate work (boiler shops) . . .	—	116.6	117.9	121.5	122.0	—	80.8	82.2	85.8	86.6
3444	Sheet metal work	—	74.4	74.2	79.3	80.0	—	53.1	53.0	56.6	57.7
3446,9	Architectural and misc. metal work	—	44.7	44.2	46.8	47.2	—	30.4	30.1	32.9	33.3
345	Screw machine products, bolts, etc	100.3	100.1	100.3	110.8	113.3	77.0	76.8	77.0	85.7	88.0
3451	Screw machine products	—	44.1	43.7	49.2	50.2	—	36.0	35.7	40.9	41.9
3452	Bolts, nuts, rivets, and washers	—	56.0	56.6	61.6	63.1	—	40.8	41.3	44.8	46.1
346	Metal stampings	225.4	224.5	224.4	238.5	241.0	181.1	179.9	180.0	191.6	193.4
347	Metal services, n e c	81.6	81.8	81.9	89.4	90.8	66.6	66.9	66.7	73.3	74.5
348	Misc. fabricated wire products	63.3	63.8	63.7	63.8	65.3	49.3	50.0	50.3	50.0	51.7
349	Misc. fabricated metal products	153.4	153.1	154.3	157.5	159.7	111.6	111.2	112.8	115.0	117.4
3494,8	Valves, pipe, and pipe fittings	—	92.2	92.9	93.7	95.2	—	64.0	65.2	65.7	67.3

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	1,778.6	1,788.7	1,805.6	2,006.4	2,040.4	1,157.2	1,168.1	1,181.3	1,343.1	1,375.4
351	Engines and turbines	110.4	111.8	111.8	106.6	107.9	74.2	75.9	75.7	72.4	73.9
3511	Steam engines and turbines	—	40.9	40.8	39.4	39.1	—	24.1	24.1	24.1	24.0
3519	Internal combustion engines, n e c	—	70.9	71.0	67.2	68.8	—	51.8	51.6	48.3	49.9
352	Farm machinery	—	126.8	126.1	132.5	134.9	—	88.3	88.0	94.1	96.5
353	Construction and related machinery	269.8	271.4	272.4	294.4	299.9	173.0	174.5	175.7	195.0	200.1
3531,2	Construction and mining machinery	—	143.7	144.0	155.7	158.3	—	95.8	96.2	107.3	109.8
3533	Oil field machinery	—	45.1	45.0	47.0	47.4	—	30.5	30.4	32.3	32.8
3535,6	Conveyors, hoists, cranes, monorails	—	37.4	37.8	43.2	43.8	—	21.8	22.2	26.5	37.1
3537	Industrial trucks and tractors	—	29.6	29.8	33.4	34.8	—	18.4	18.7	21.1	22.2
354	Metal working machinery	(*)	267.6	275.8	332.6	341.4	(*)	191.5	198.1	245.7	253.7
3541	Machine tools, metal cutting types	—	53.9	55.7	73.4	76.7	—	33.9	35.0	48.6	51.7
3544	Special dies, tools, jigs, & fixtures	—	100.6	103.5	125.2	126.8	—	79.5	82.3	102.0	103.3
3545	Machine tool accessories	—	46.1	47.0	57.5	58.8	—	31.8	32.5	41.4	42.7
3542,8	Misc. metal working machinery	—	67.0	69.6	76.5	79.1	—	46.3	48.3	53.7	56.0
355	Special industry machinery	173.6	175.2	176.4	195.3	201.3	110.8	111.8	113.2	126.9	132.4
3551	Food products machinery	—	39.7	40.0	43.0	44.3	—	24.7	24.9	26.9	28.4
3552	Textile machinery	—	33.0	33.0	37.5	38.2	—	24.2	24.2	27.7	28.3
3555	Printing trades machinery	—	29.3	29.4	32.4	33.4	—	17.2	17.6	20.4	21.2
356	General industrial machinery	249.7	250.3	252.5	286.6	289.5	162.6	163.4	164.9	190.7	192.8
3561	Pumps and compressors	—	65.9	66.6	76.3	77.1	—	38.5	39.0	45.0	45.7
3562	Ball and roller bearings	—	49.7	50.7	60.9	61.0	—	37.0	38.0	46.9	46.8
3564	Blowers and fans	—	30.1	30.1	32.0	32.1	—	18.9	18.8	20.7	20.6
3566	Power transmission equipment	—	47.6	47.6	53.0	53.6	—	33.6	33.6	37.8	38.4
357	Office and computing machines	256.2	254.1	256.0	293.0	293.6	119.9	118.8	119.3	146.5	148.1
3573	Electronic computing equipment	—	172.8	173.7	196.2	196.1	—	62.6	63.1	76.9	77.4
358	Service industry machines	132.8	131.1	131.6	142.3	145.2	92.1	91.0	91.3	99.6	102.1
3585	Refrigeration machinery	—	85.9	85.9	94.4	96.8	—	60.3	60.1	66.8	69.0
359	Misc. machinery, except electrical	199.0	200.4	203.0	223.1	226.7	151.6	152.9	155.1	172.2	175.8
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,777.9	1,767.7	1,782.0	1,932.5	1,959.1	1,173.5	1,160.8	1,170.6	1,274.4	1,295.8
361	Electric test & distributing equipment	(*)	201.6	202.8	218.6	221.3	(*)	135.8	136.7	149.1	151.6
3611	Electric measuring instruments	—	63.6	64.0	72.3	73.8	—	38.2	38.6	45.5	46.4
3612	Transformers	—	54.8	54.7	60.2	60.2	—	39.7	39.4	43.7	43.9
3613	Switchgear and switchboard apparatus	—	83.2	84.1	86.1	87.3	—	57.9	58.7	59.9	61.3
362	Electrical industrial apparatus	199.8	198.4	199.5	217.9	219.9	135.9	133.8	134.5	149.7	151.4
3621	Motors and generators	—	103.9	104.6	117.6	118.0	—	71.7	71.9	83.1	83.3
3622	Industrial controls	—	54.8	54.8	57.3	58.3	—	34.2	34.3	35.9	36.4
363	Household appliances	(*)	172.5	175.5	181.6	183.2	(*)	134.8	137.0	145.7	147.8
3632	Household refrigerators and freezers	—	58.4	60.3	60.2	59.4	—	48.0	48.9	51.1	50.6
3633	Household laundry equipment	—	25.4	25.3	27.9	27.6	—	20.2	20.1	22.3	22.2
3634	Electric housewares and fans	—	41.4	42.1	43.3	44.3	—	31.7	32.4	34.1	34.9
364	Electric lighting and wiring equipment	194.7	193.1	196.7	207.7	210.9	148.7	147.6	151.0	161.1	164.3
3641	Electric lamps	—	45.3	45.6	47.4	47.6	—	39.9	40.2	42.3	42.6
3642	Lighting fixtures	—	63.3	64.0	64.1	65.4	—	48.0	48.6	48.9	50.2
3643,4	Wiring devices	—	84.5	87.1	96.2	97.9	—	59.7	62.2	69.9	71.5
365	Radio and TV receiving equipment	131.1	129.7	129.3	123.8	129.8	96.3	94.4	93.7	87.3	92.5
366	Communication equipment	439.9	442.8	449.3	502.2	504.9	220.2	222.2	225.9	248.6	247.7
3661	Telephone and telegraph apparatus	—	162.1	164.9	164.8	160.5	—	106.5	108.8	110.5	106.4
3662	Radio and TV communication equipment	—	280.7	284.4	337.4	344.4	—	115.7	117.1	138.1	141.3
367	Electronic components and accessories	316.6	317.5	316.7	362.6	370.1	207.7	207.5	206.8	243.1	249.7
3671-3	Electron tubes	—	59.7	60.5	63.4	65.1	—	41.9	42.3	42.7	43.9
3674,9	Other electronic components	—	257.8	256.2	299.2	305.0	—	165.6	164.5	200.4	205.8
369	Misc. electrical equipment & supplies	(*)	112.1	112.2	118.1	119.0	(*)	84.7	85.0	89.8	90.8
3694	Engine electrical equipment	—	56.4	57.5	60.4	61.3	—	43.2	44.7	46.4	47.0
37	TRANSPORTATION EQUIPMENT	1,752.3	1,757.4	1,775.7	1,897.2	1,928.9	1,224.6	1,228.6	1,239.0	1,322.1	1,347.2
371	Motor vehicles and equipment	(*)	867.7	877.6	871.0	871.5	(*)	671.7	678.1	676.0	672.7
3711	Motor vehicles	—	381.3	393.6	385.4	381.5	—	276.3	285.2	287.0	280.4
3712	Passenger car bodies	—	64.9	65.3	56.7	57.4	—	56.3	56.7	46.8	47.6
3713	Truck and bus bodies	—	38.7	38.4	40.1	40.2	—	30.9	30.5	32.6	32.6
3714	Motor vehicle parts and accessories	—	361.8	359.6	364.1	365.6	—	292.6	290.4	291.7	292.2
3715	Truck trailers	—	21.0	20.7	24.7	26.8	—	15.6	15.3	17.9	19.9
372	Aircraft and parts	(*)	563.2	583.1	697.8	722.7	(*)	295.2	310.6	382.5	404.1
3721	Aircraft	—	303.0	320.7	396.0	405.9	—	153.8	162.2	211.3	219.0
3722	Aircraft engines and engine parts	—	157.0	161.4	177.0	189.4	—	82.2	85.0	90.9	103.0
3723,9	Other aircraft parts and equipment	—	98.2	101.0	124.8	127.4	—	59.2	63.4	80.3	82.1
373	Ship and boat building and repairing	162.9	165.1	158.4	171.0	176.5	129.8	132.5	125.6	137.2	142.3
3731	Ship building and repairing	—	128.9	121.7	132.7	136.8	—	103.3	96.0	106.8	110.7

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		May ^p 1971	Apr. ^p 1971	Mar. 1971	May 1970	Apr. 1970	May ^p 1971	Apr. ^p 1971	Mar. 1971	May 1970	Apr. 1970
<i>Durable Goods--Continued</i>											
TRANSPORTATION EQUIPMENT--Continued											
3732	Boat building and repairing	-	36.2	36.7	38.3	39.7	-	29.2	29.6	30.4	31.6
374	Railroad equipment	-	48.3	49.1	53.0	53.6	-	36.6	37.4	40.9	41.6
375,9	Other transportation equipment	-	113.1	107.5	104.4	104.6	-	92.6	87.3	85.5	86.5
38	INSTRUMENTS AND RELATED PRODUCTS	430.3	426.1	429.0	465.5	469.1	255.6	253.7	255.4	283.7	287.3
381	Engineering & scientific instruments	-	58.7	61.0	70.0	71.1	-	27.1	29.1	34.1	34.2
382	Mechanical measuring & control devices	97.4	97.2	98.1	112.1	112.9	57.7	57.8	58.3	69.9	70.8
3821	Mechanical measuring devices	-	60.3	60.8	71.6	71.4	-	33.5	33.9	42.4	42.4
3822	Automatic temperature controls	-	36.9	37.3	40.5	41.5	-	24.3	24.4	27.5	28.4
383,5	Optical and ophthalmic goods	51.0	50.7	50.5	53.6	55.3	35.0	35.1	34.7	36.9	38.5
385	Ophthalmic goods	-	35.0	34.5	35.7	36.0	-	26.4	25.9	27.0	27.2
384	Medical instruments and supplies	85.6	85.0	84.8	85.1	85.0	56.0	56.2	56.0	57.1	57.0
386	Photographic equipment and supplies	(*)	104.7	104.5	110.7	110.3	(*)	53.7	53.1	58.0	58.6
387	Watches, clocks, and watchcases	-	29.8	30.1	34.0	34.5	-	23.8	24.2	27.7	28.2
MISCELLANEOUS MANUFACTURING INDUSTRIES											
39	Jewelry, silverware, and plated ware	407.6	400.2	398.3	422.4	421.3	314.9	307.5	304.0	325.0	324.2
391	Toys and sporting goods	49.3	49.5	49.5	51.5	52.0	37.0	36.9	36.6	38.7	39.2
394	Games, toys, dolls, & play vehicles	-	108.0	104.2	115.1	112.8	-	86.7	82.6	92.2	90.2
3941-3	Sporting and athletic goods, n e c	-	56.3	53.3	64.5	61.2	-	44.4	41.1	51.6	48.6
3949	Pens, pencils, office, and art supplies	-	51.7	50.9	50.6	51.6	-	42.3	41.5	40.6	41.6
395	Costume jewelry and notions	-	32.1	32.1	35.5	34.5	-	22.6	22.5	25.6	24.6
396	Other manufacturing industries	-	53.4	54.6	57.3	57.0	-	43.4	43.7	46.6	46.4
393,9	Musical instruments and parts	156.4	157.2	157.9	163.0	165.0	117.4	117.9	118.6	121.9	123.8
393	Musical instruments and parts	-	20.9	20.6	22.5	22.2	-	16.3	16.0	17.5	17.4
<i>Nondurable Goods</i>											
FOOD AND KINDRED PRODUCTS											
20	Meat products	1,690.2	1,687.9	1,692.0	1,736.7	1,722.2	1,114.7	1,113.2	1,116.7	1,149.9	1,137.8
201	Meat packing plants	333.4	332.4	335.2	335.1	331.2	271.4	270.7	272.8	270.8	267.0
2011	Sausages and other prepared meats	-	180.2	180.5	183.6	182.6	-	143.6	143.8	144.1	143.1
2013	Poultry dressing plants	-	60.3	60.9	57.9	57.9	-	44.0	44.4	41.6	41.6
2015	Dairy products	233.9	233.3	231.7	243.6	240.7	112.8	111.5	110.4	115.6	113.5
202	Ice cream and frozen desserts	-	23.4	22.4	24.7	23.5	-	12.2	11.5	12.9	11.8
2024	Fluid milk	-	164.3	164.5	172.6	172.0	-	64.0	64.1	66.9	66.8
2026	Canned, cured, and frozen foods	-	233.6	233.5	246.8	244.1	-	187.8	187.2	201.9	199.5
2031,6	Canned, cured, and frozen sea foods	-	34.9	35.7	40.4	40.4	-	29.8	30.3	35.3	35.1
2032,3	Canned food, except sea foods	-	106.6	103.8	111.6	107.9	-	80.1	77.3	85.9	82.5
2037	Frozen fruits and vegetables	-	61.9	63.7	65.3	66.0	-	54.5	56.0	58.1	58.6
204	Grain mill products	135.9	133.8	135.4	135.8	133.6	96.2	93.9	95.6	96.6	94.8
2041	Flour and other grain mill products	-	28.3	28.5	28.1	28.6	-	20.9	21.1	20.6	21.3
2042	Prepared feeds for animals and fowls	-	64.8	65.5	66.5	64.0	-	42.3	42.9	44.9	42.6
205	Bakery products	274.8	275.1	275.6	279.9	278.2	160.7	161.3	161.9	164.9	162.9
2051	Bread, cake, and related products	-	228.2	228.7	234.3	232.4	-	123.4	124.0	127.7	126.0
2052	Cookies and crackers	-	46.9	46.9	45.6	45.8	-	37.9	37.9	36.9	36.9
206	Sugar	-	29.0	29.1	31.9	31.8	-	21.3	21.1	23.2	23.1
207	Confectionery and related products	77.9	78.0	79.2	79.7	81.5	62.2	62.6	63.6	64.0	65.5
2071	Confectionery products	-	61.6	63.0	63.3	65.2	-	50.3	51.4	51.8	53.4
208	Beverages	234.7	234.2	232.8	241.2	237.6	115.9	115.2	114.1	121.7	119.1
2082	Malt liquors	-	57.9	56.8	60.7	59.1	-	38.8	37.6	40.6	39.0
2086	Bottled and canned soft drinks	-	131.3	130.4	133.6	131.0	-	47.9	47.1	49.9	48.2
209	Misc. foods and kindred products	137.1	138.5	139.5	142.7	143.5	87.5	88.9	90.0	91.5	92.4
TOBACCO MANUFACTURES											
21	Cigarettes	65.5	66.2	67.7	70.8	71.4	52.7	54.3	55.5	57.7	58.2
211	Cigars	-	38.8	38.9	41.2	41.0	-	31.2	31.1	33.1	33.1
212	Cigars	-	15.8	16.2	17.4	17.6	-	14.3	14.7	15.8	15.9
TEXTILE MILL PRODUCTS											
22	Weaving mills, cotton	940.0	938.2	939.1	967.2	974.6	825.0	822.6	823.2	849.0	856.1
221	Weaving mills, synthetics	(*)	217.1	218.8	221.1	221.5	(*)	197.1	198.5	200.7	201.3
222	Weaving and finishing mills, wool	92.1	92.5	92.3	96.1	97.2	81.1	81.5	81.4	84.5	85.6
223	Narrow fabric mills	32.8	32.9	32.8	40.9	41.3	27.5	27.6	27.5	35.1	35.5
224	Knitting mills	29.0	29.6	29.8	30.4	30.6	25.4	26.0	26.2	26.8	27.1
225	Women's hosiery, except socks	229.9	225.0	224.5	237.6	238.8	201.8	196.9	196.5	208.4	209.0
2251	Hosiery, n e c	-	51.6	52.7	64.0	65.3	-	46.0	46.8	57.5	58.8
2252	Knit outerwear mills	-	33.0	33.1	35.4	35.5	-	29.5	29.5	31.5	31.6
2253	Knit underwear mills	-	69.6	68.7	68.5	67.8	-	59.7	59.2	59.2	57.9
2254	Knit underwear mills	-	29.6	29.3	29.6	30.3	-	26.2	25.9	25.9	26.7

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

52

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970	May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970
<i>Nondurable Goods--Continued</i>											
TEXTILE MILL PRODUCTS--Continued											
226	Textile finishing, except wool	83.1	83.4	83.3	82.8	82.4	70.3	70.5	70.3	70.1	69.9
227	Floor covering mills	-	52.3	52.9	53.0	54.4	-	41.1	41.5	41.7	43.0
228	Yarn and thread mills	135.0	134.6	134.1	130.3	131.2	124.2	124.1	123.5	120.3	121.3
229	Miscellaneous textile goods	(*)	70.8	70.6	75.0	77.2	(*)	57.8	57.8	61.4	63.4
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,390.5	1,380.3	1,390.8	1,372.4	1,382.4	1,218.7	1,208.4	1,218.8	1,202.0	1,210.3
231	Men's and boys' suits and coats	(*)	112.7	116.4	129.4	130.0	(*)	98.5	101.7	112.8	113.2
232	Men's and boys' furnishings	387.0	383.4	381.8	380.8	377.8	341.9	338.2	336.5	337.4	334.7
2321	Men's and boys' shirts and nightwear ..	-	117.5	117.5	123.6	122.2	-	104.5	104.4	110.7	109.3
2327	Men's and boys' separate trousers	-	82.9	82.7	80.9	81.0	-	74.2	74.0	73.4	73.6
2328	Men's and boys' work clothing	-	88.5	89.1	85.8	85.3	-	77.0	76.7	73.7	73.4
233	Women's and misses' outerwear	442.1	445.8	454.6	416.6	426.7	392.1	394.7	403.6	368.3	377.3
2331	Women's and misses' blouses and waists ..	-	54.6	54.0	53.3	53.6	-	49.1	48.3	47.8	48.2
2335	Women's and misses' dresses	-	220.5	218.5	197.2	208.0	-	199.5	197.9	176.8	187.0
2337	Women's and misses' suits and coats	-	71.9	82.5	73.4	69.7	-	61.5	71.4	63.8	59.8
2339	Women's and misses' outerwear, n e c ..	-	98.8	99.6	92.7	95.4	-	84.6	86.0	79.9	82.3
234	Women's and children's undergarments ...	114.9	114.9	114.5	116.0	117.6	99.6	99.4	99.0	100.3	101.6
2341	Women's and children's underwear	-	82.0	81.4	81.6	82.6	-	71.9	71.4	71.6	72.4
2342	Corsets and allied garments	-	32.9	33.1	34.4	35.0	-	27.5	27.6	28.7	29.2
235	Hats, caps, and millinery	-	16.9	17.3	18.0	18.2	-	15.1	15.7	16.3	16.3
236	Children's outerwear	78.8	75.2	76.2	76.9	75.7	70.1	66.9	67.8	68.4	67.3
2361	Children's dresses and blouses	-	32.4	32.7	33.4	33.1	-	29.1	29.4	30.1	29.8
237,8	Fur goods and miscellaneous apparel	-	68.3	68.6	72.6	73.0	-	57.9	58.1	62.2	62.5
239	Misc. fabricated textile products	163.1	163.1	161.4	162.1	163.4	137.8	137.7	136.4	136.3	137.4
2391,2	Housefurnishings	-	64.3	64.2	61.8	62.9	-	54.6	54.8	52.9	53.9
26	PAPER AND ALLIED PRODUCTS.....	685.2	686.9	687.3	707.8	714.2	524.5	525.7	524.5	546.1	550.9
261,2,6	Paper and pulp mills	215.8	216.9	217.3	225.3	225.7	165.1	166.0	166.0	174.0	174.4
263	Paperboard mills	69.2	68.5	69.1	71.7	72.0	54.6	54.0	54.1	57.9	57.9
264	Misc. converted paper products	183.6	184.9	185.4	187.6	189.6	133.6	134.9	134.9	136.4	138.0
2643	Bags, except textile bags	-	41.4	41.3	42.3	43.4	-	32.8	32.6	34.1	35.0
265	Paperboard containers and boxes	216.6	216.6	215.5	223.2	226.9	171.2	170.8	169.5	177.8	180.6
2651,2	Folding and setup paperboard boxes	-	64.9	65.2	67.1	68.8	-	52.9	53.0	55.3	56.8
2653	Corrugated and solid fiber boxes	-	103.8	103.8	106.8	108.4	-	78.8	78.7	81.8	83.2
2654	Sanitary food containers	-	29.4	29.1	29.6	30.0	-	23.9	23.7	24.5	24.4
27	PRINTING AND PUBLISHING.....	1,087.7	1,086.2	1,091.3	1,102.3	1,109.9	667.4	666.6	669.5	679.2	687.3
271	Newspapers	369.9	369.3	369.9	372.8	373.2	179.5	179.9	179.7	181.7	181.9
272	Periodicals	-	71.4	73.0	75.0	74.9	-	22.8	23.6	25.0	25.5
273	Books	-	100.1	100.3	99.7	100.4	-	55.5	55.2	55.2	56.0
275	Commercial printing	351.0	350.3	351.1	354.4	357.9	269.6	269.4	269.8	272.9	276.7
2751	Commercial printing, ex. lithographic ..	-	211.5	212.3	214.8	217.4	-	165.0	165.1	166.9	169.7
2752	Commercial printing, lithographic	-	125.9	126.0	127.9	128.7	-	94.8	95.1	97.3	98.1
278	Blankbooks and bookbinding	56.4	55.6	56.1	57.7	58.5	46.5	45.9	46.4	47.2	48.2
274,6,7,9	Other publishing & printing ind.	139.0	139.5	140.9	142.7	145.0	93.0	93.7	94.8	97.2	99.0
28	CHEMICALS AND ALLIED PRODUCTS...	1,034.3	1,032.6	1,029.7	1,058.3	1,063.8	595.9	595.3	591.7	606.8	614.7
281	Industrial chemicals	309.5	311.3	312.7	316.6	321.2	169.1	169.8	170.5	169.3	174.8
2812	Alkalies and chlorine	-	21.1	21.3	22.5	22.6	-	14.4	14.5	15.5	15.6
2818	Industrial organic chemicals, n e c	-	122.4	123.3	130.0	130.3	-	54.1	54.6	56.7	57.3
2819	Industrial inorganic chemicals, n e c	-	102.0	102.4	96.0	100.2	-	58.7	59.0	52.8	57.6
282	Plastics materials and synthetics	218.4	216.9	216.2	224.4	224.8	145.3	144.1	143.3	146.0	146.6
2821	Plastics materials and resins	-	91.3	91.6	96.1	96.2	-	55.8	56.2	58.2	58.5
2823,4	Synthetic fibers	-	112.2	111.1	114.8	114.8	-	79.1	77.8	78.7	78.8
283	Drugs	154.7	153.5	153.6	150.0	150.5	74.9	75.2	75.6	73.4	73.9
2834	Pharmaceutical preparations	-	118.8	118.7	116.8	116.7	-	57.2	57.5	56.3	56.4
284	Soap, cleaners, and toilet goods	122.4	121.5	120.6	124.0	123.4	69.6	68.7	67.9	70.2	69.9
2841	Soap and other detergents	-	40.6	40.4	40.8	40.3	-	26.2	26.1	26.1	25.8
2844	Toilet preparations	-	46.5	46.2	49.9	49.6	-	25.4	25.2	28.3	28.3
2845	Paints and allied products	69.2	68.7	68.2	71.0	70.1	38.1	37.6	37.1	39.4	38.9
287	Agricultural chemicals	62.0	63.0	60.2	64.0	64.5	38.8	40.0	37.1	40.3	41.5
2871,2	Fertilizers, complete & mixing only	-	45.3	42.7	46.1	46.3	-	31.2	28.4	31.3	32.3
286,9	Other chemical products	98.1	97.7	98.2	108.3	109.3	60.1	59.9	60.2	68.2	69.1
2892	Explosives	-	26.3	26.5	35.2	35.9	-	18.4	18.6	25.4	25.9
29	PETROLEUM AND COAL PRODUCTS....	190.4	189.1	188.5	191.9	190.4	116.6	115.1	114.3	117.6	116.7
291	Petroleum refining	151.6	151.3	151.0	152.7	152.7	88.9	88.4	87.9	89.5	90.0
295,9	Other petroleum and coal products	38.8	37.8	37.5	39.2	37.7	27.7	26.7	26.4	28.1	26.7

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970	May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970
	<i>Nonurable Goods--Continued</i>										
30	RUBBER AND PLASTICS PRODUCTS, N E C	565.9	558.6	557.5	543.2	580.8	436.6	429.0	427.1	408.2	445.6
301	Tires and inner tubes	119.9	117.8	117.6	90.9	118.7	85.2	82.9	82.6	55.0	82.8
302,3,6	Other rubber products	166.4	165.1	165.1	165.3	172.0	130.4	128.7	128.5	127.2	133.5
302	Rubber footwear	-	25.6	25.6	23.7	23.7	-	22.1	22.1	20.2	20.3
307	Miscellaneous plastics products	279.6	275.7	274.8	287.0	290.1	221.0	217.4	216.0	226.2	229.3
31	LEATHER AND LEATHER PRODUCTS . . .	314.6	316.0	315.1	329.2	329.1	268.6	269.1	267.6	280.8	280.7
311	Leather tanning and finishing	26.8	26.8	26.3	28.0	28.0	23.1	23.0	22.6	24.2	24.2
314	Footwear, except rubber	210.2	212.6	210.5	221.2	218.8	182.9	184.5	181.8	192.0	189.9
312,3,5-7,9	Other leather products	(*)	76.6	78.3	80.0	82.3	(*)	61.6	63.2	64.6	66.6
316	Luggage	-	16.7	16.5	17.9	19.4	-	12.6	12.4	13.6	15.1
317	Handbags and personal leather goods	-	34.2	36.3	33.4	33.8	-	28.4	30.6	27.9	28.2
-	TRANSPORTATION AND PUBLIC UTILITIES	4,489	4,450	4,457	4,469	4,432	3,893	3,845	3,854	3,865	3,831
40	RAILROAD TRANSPORTATION	-	609.0	603.8	633.1	626.2	-	-	-	-	-
4011	Class 1 railroads ²	-	546.4	540.7	565.0	559.7	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	-	277.3	290.8	293.0	294.9	-	-	-	-	-
411	Local and suburban transportation	-	69.6	75.4	75.6	77.0	-	65.5	71.2	71.2	72.3
412	Taxicabs	-	110.4	113.3	113.9	115.6	-	-	-	-	-
413	Intercity highway transportation	-	42.0	41.5	43.5	42.8	-	38.5	37.9	40.0	39.3
42	TRUCKING AND WAREHOUSING	-	1,083.5	1,084.2	1,051.2	1,033.1	-	973.8	973.5	942.2	922.5
421,3	Trucking and trucking terminals	-	997.5	996.0	968.0	949.5	-	900.5	898.3	870.9	850.7
422	Public warehousing	-	86.0	88.2	83.2	83.6	-	73.3	75.2	71.3	71.8
45	TRANSPORTATION BY AIR	-	329.9	330.8	348.8	348.6	-	-	-	-	-
451,2	Air transportation	-	301.4	302.4	316.2	315.7	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	17.5	17.4	17.2	17.2	-	13.6	13.5	13.6	13.7
44,47	OTHER TRANSPORTATION AND SERVICES	-	303.4	305.1	331.3	325.8	-	-	-	-	-
44	WATER TRANSPORTATION	-	200.3	202.0	226.1	221.0	-	-	-	-	-
47	TRANSPORTATION SERVICES	-	103.1	103.1	105.2	104.8	-	-	-	-	-
48	COMMUNICATION	-	1,143.7	1,139.8	1,118.5	1,110.9	-	896.9	894.5	874.2	869.6
481	Telephone communication	-	952.3	948.8	930.3	923.6	-	755.8	753.2	737.4	733.0
482	Telegraph communication ³	-	29.1	29.0	31.7	31.9	-	19.8	19.7	21.5	21.8
483	Radio and television broadcasting	-	138.8	138.4	136.9	136.1	-	112.1	112.7	108.2	107.8
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	685.5	685.0	675.5	675.6	-	586.9	587.0	580.5	581.0
491	Electric companies and systems	-	282.4	284.8	280.5	280.7	-	239.9	242.4	239.0	239.3
492	Gas companies and systems	-	161.4	160.1	159.0	158.6	-	136.7	135.7	135.4	134.9
493	Combination companies and systems	-	187.6	187.1	184.5	185.3	-	162.7	162.3	161.1	162.1
494-7	Water, steam, & sanitary systems	-	54.1	53.0	51.5	51.0	-	47.6	46.6	45.0	44.7
-	WHOLESALE AND RETAIL TRADE	15,140	15,015	14,831	14,878	14,818	13,441	13,318	13,138	13,228	13,169
50	WHOLESALE TRADE	3,859	3,831	3,834	3,813	3,803	3,225	3,198	3,202	3,202	3,195
501	Motor vehicles & automotive equipment	-	336.7	335.5	321.6	319.2	-	272.1	271.2	263.5	262.4
502	Drugs, chemicals, and allied products	-	236.9	239.1	232.5	232.5	-	190.6	192.4	188.4	188.4
503	Dry goods and apparel	-	148.4	149.9	149.0	149.4	-	117.4	118.9	117.0	116.6
504	Groceries and related products	-	541.1	541.8	543.4	537.5	-	473.6	473.9	475.6	470.2
506	Electrical goods	-	350.6	349.2	324.6	322.4	-	295.0	294.4	274.4	272.4
507	Hardware, plumbing & heating equipment	-	175.4	172.4	171.2	173.0	-	148.0	145.3	144.7	146.6
508	Machinery, equipment, and supplies	-	723.3	728.1	753.6	752.5	-	609.2	613.5	642.0	641.4
509	Miscellaneous wholesalers	-	1,238.4	1,236.5	1,237.3	1,235.6	-	1,026.0	1,024.7	1,031.5	1,030.6
52-59	RETAIL TRADE	11,281	11,184	10,997	11,065	11,015	10,216	10,120	9,936	10,026	9,974
53	RETAIL GENERAL MERCHANDISE	-	2,296.7	2,273.1	2,255.6	2,256.5	-	2,103.8	2,082.0	2,066.9	2,065.2
531	Department stores	-	1,483.7	1,474.9	1,459.2	1,466.5	-	1,361.5	1,354.0	1,339.3	1,344.8
532	Mail order houses	-	115.2	117.3	120.3	121.6	-	107.4	108.5	111.3	112.4
533	Variety stores	-	337.0	329.0	319.3	322.4	-	312.0	305.0	295.1	297.7
54	FOOD STORES	-	1,757.3	1,766.8	1,739.4	1,734.8	-	1,632.3	1,641.0	1,616.3	1,612.2
541-3	Grocery, meat, and vegetable stores	-	1,589.2	1,595.8	1,567.5	1,566.2	-	1,475.3	1,481.1	1,455.7	1,454.9

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

Stc Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		May p 1971	Apr. p 1971	Mar. 1971	May 1970	Apr. 1970	May p 1971	Apr. p 1971	Mar. 1971	May 1970	Apr. 1970
-	WHOLESALE AND RETAIL TRADE (Continued)										
56	APPAREL AND ACCESSORY STORES	-	721.4	695.4	705.2	710.8	-	643.5	617.4	632.0	637.3
561	Men's & boys' clothing & furnishings	-	125.7	124.9	127.9	126.8	-	112.5	111.6	114.1	113.3
562	Women's ready-to-wear stores	-	266.1	262.0	265.5	266.5	-	238.1	233.6	238.1	239.2
565	Family clothing stores	-	99.4	98.7	101.6	100.4	-	91.7	91.2	94.5	93.3
566	Shoe stores	-	156.8	138.5	137.1	144.3	-	135.9	117.7	120.6	127.1
57	FURNITURE AND HOME FURNISHINGS STORES	-	453.4	454.8	450.2	451.5	-	393.7	394.5	392.3	393.1
571	Furniture and home furnishings	-	288.1	287.7	285.7	286.1	-	248.5	247.7	247.7	247.8
58	EATING AND DRINKING PLACES	-	2,536.2	2,419.5	2,520.0	2,491.9	-	2,374.6	2,261.5	2,360.4	2,332.1
52,55,59	OTHER RETAIL TRADE	-	3,418.7	3,387.4	3,394.1	3,369.5	-	2,972.0	2,939.4	2,957.8	2,934.1
52	Building materials and farm equipment	-	557.3	546.2	554.6	546.4	-	477.5	466.4	475.1	467.4
55	Automotive dealers & service stations	-	1,616.4	1,604.4	1,607.9	1,599.8	-	-	-	-	-
551,2	Motor vehicle dealers	-	762.1	756.0	767.5	770.1	-	640.9	635.7	649.4	651.5
553,9	Other automotive & accessory dealers	-	239.0	232.6	232.7	229.0	-	205.5	199.4	200.3	197.2
554	Gasoline service stations	-	615.3	615.8	607.7	600.7	-	-	-	-	-
59	Miscellaneous retail stores	-	1,245.0	1,236.8	1,231.6	1,223.3	-	-	-	-	-
591	Drug stores and proprietary stores	-	433.5	435.5	437.3	438.4	-	386.7	387.9	389.9	390.6
594	Book and stationery stores	-	65.9	66.9	65.7	66.4	-	56.6	57.4	56.5	57.5
596	Farm and garden supply stores	-	114.5	110.7	114.0	116.0	-	-	-	-	-
598	Fuel and ice dealers	-	106.2	111.7	102.8	106.3	-	91.4	97.0	89.0	92.1
-	FINANCE, INSURANCE, AND REAL ESTATE⁴	3,776	3,751	3,727	3,670	3,658	2,967	2,944	2,920	2,900	2,890
60	Banking	-	1,068.2	1,067.5	1,038.0	1,034.7	-	872.2	871.2	854.9	852.3
61	Credit agencies other than banks	-	381.9	380.3	370.4	371.1	-	297.6	296.1	288.7	290.1
612	Savings and loan associations	-	117.0	115.2	107.7	107.5	-	93.2	91.4	85.7	85.7
614	Personal credit institutions	-	193.7	194.3	194.7	195.7	-	-	-	-	-
62	Security, commodity brokers & services	-	198.3	195.2	203.3	207.7	-	168.5	165.5	172.9	177.0
63	Insurance carriers	-	1,079.6	1,077.2	1,051.7	1,049.9	-	749.4	747.4	738.6	737.3
631	Life insurance	-	565.1	563.7	546.2	545.0	-	335.5	333.6	323.9	323.2
632	Accident and health insurance	-	97.6	97.4	93.6	93.3	-	83.8	83.5	80.4	80.2
633	Fire, marine, and casualty insurance	-	370.8	370.5	367.7	367.5	-	292.2	293.0	297.5	297.4
64	Insurance agents, brokers, and service	-	279.8	281.1	273.7	272.7	-	-	-	-	-
65	Real estate	-	659.2	641.6	649.8	638.9	-	-	-	-	-
655	Subdividers and developers	-	92.0	82.7	93.0	83.2	-	-	-	-	-
656	Operative builders	-	41.7	40.5	42.6	41.6	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	83.9	84.0	83.3	83.3	-	-	-	-	-
-	SERVICES	11,856	11,798	11,697	11,641	11,564	10,753	10,700	10,604	10,589	10,519
70	Hotels and other lodging places	-	731.2	716.4	759.6	745.3	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	649.7	630.4	681.4	671.4	-	600.7	582.3	631.8	622.1
72	Personal services	-	953.5	957.4	1,009.8	1,006.2	-	-	-	-	-
721	Laundries and dry cleaning plants	-	477.4	477.2	516.5	512.6	-	432.6	432.6	469.6	466.1
722	Photographic studios	-	38.1	38.5	38.9	39.8	-	33.4	33.5	33.2	34.2
73	Miscellaneous business services	-	1,559.7	1,558.3	1,562.3	1,544.0	-	-	-	-	-
731	Advertising	-	117.1	118.3	123.3	123.1	-	-	-	-	-
732	Credit reporting and collection	-	77.2	76.8	77.0	76.7	-	-	-	-	-
734	Services to buildings	-	296.7	296.7	290.3	288.4	-	-	-	-	-
76	Miscellaneous repair services	-	179.2	179.0	180.3	180.9	-	-	-	-	-
78	Motion pictures	-	186.4	175.6	192.3	185.0	-	-	-	-	-
781	Motion picture filming & distributing	-	39.9	40.3	45.1	42.2	-	25.7	25.5	30.5	28.2
782,3	Motion picture theaters and services	-	146.5	135.3	147.2	142.8	-	-	-	-	-
80	Medical and other health services	-	3,221.6	3,211.4	3,043.2	3,033.9	-	-	-	-	-
806	Hospitals	-	1,953.9	1,951.1	1,862.1	1,860.6	-	-	-	-	-
81	Legal services	-	243.5	243.3	230.9	231.1	-	-	-	-	-
82	Educational services	-	1,232.3	1,240.1	1,190.7	1,197.8	-	-	-	-	-
821	Elementary and secondary schools	-	423.4	422.6	403.3	402.8	-	-	-	-	-
822	Colleges and universities	-	700.3	709.7	690.0	696.9	-	-	-	-	-
89	Miscellaneous services	-	653.2	656.0	644.4	656.0	-	-	-	-	-
891	Engineering & architectural services	-	301.4	298.6	302.8	303.6	-	-	-	-	-
892	Nonprofit research agencies	-	110.2	109.7	105.8	106.6	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
-	GOVERNMENT	13,063	13,063	13,072	12,726	12,757	-	-	-	-	-
91	FEDERAL GOVERNMENT ⁵	2,662	2,662	2,649	2,765	2,838	-	-	-	-	-
	Executive	-	2,622.9	2,610.8	2,728.6	2,802.0	-	-	-	-	-
	Department of Defense	-	1,001.5	1,000.5	1,048.1	1,053.4	-	-	-	-	-
	Post Office Department	-	718.2	718.0	716.5	716.0	-	-	-	-	-
	Other agencies	-	903.2	892.3	964.0	1,032.6	-	-	-	-	-
	Legislative	-	31.0	30.4	29.5	29.4	-	-	-	-	-
	Judicial	-	7.6	7.5	6.8	6.8	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,401	10,401	10,423	9,961	9,919	-	-	-	-	-
92	State government	-	2,798.8	2,813.1	2,691.1	2,686.1	-	-	-	-	-
	State education	-	1,204.6	1,216.5	1,142.1	1,142.4	-	-	-	-	-
	Other State government	-	1,594.2	1,596.6	1,549.0	1,543.7	-	-	-	-	-
93	Local government	-	7,602.1	7,609.4	7,269.9	7,233.1	-	-	-	-	-
	Local education	-	4,413.7	4,424.0	4,160.6	4,155.2	-	-	-	-	-
	Other local government	-	3,188.4	3,185.4	3,109.3	3,077.9	-	-	-	-	-

¹Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. These groups account for approximately four-fifths of the total employment on private nonagricultural payrolls.

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

³Data for nonsupervisory workers exclude messengers.

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

⁵Prepared 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

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	Mining	Contract construction	Manufacturing	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	184.8	31.8	54.8	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920	41.5	202.1	26.4	54.8	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921	37.0	156.9	31.5	42.5	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922	39.2	151.5	36.9	46.9	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923	43.1	197.7	38.3	53.0	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924	42.6	179.6	41.2	49.7	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925	43.7	177.7	45.1	51.1	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926	45.3	193.3	48.5	52.2	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927	45.5	181.7	50.1	51.4	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928	45.6	171.3	50.1	51.1	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929	47.6	177.3	46.7	55.0	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930	44.7	164.6	42.8	49.2	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931	40.5	142.4	37.8	42.0	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932	35.9	119.2	30.2	35.6	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933	36.0	121.4	25.2	38.0	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934	39.4	144.0	26.9	43.7	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935	41.1	146.3	28.4	46.6	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936	44.2	154.3	35.7	50.5	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937	47.1	165.6	34.7	55.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938	44.4	145.4	32.9	48.5	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939	46.5	139.3	35.8	52.9	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940	49.2	150.9	40.3	56.5	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941	55.5	156.1	55.8	67.8	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942	60.9	161.8	67.6	78.6	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943	64.5	150.9	48.8	90.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944	63.6	145.5	34.1	89.1	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945	61.3	136.4	35.3	79.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946	63.3	140.6	51.8	75.6	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947	66.6	155.8	61.8	79.9	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948	68.2	162.2	67.6	80.1	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949	66.5	151.7	67.5	74.3	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950	68.7	147.0	72.7	78.4	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951	72.7	151.5	81.1	84.3	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952	74.1	146.5	82.1	85.5	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953	76.3	141.3	81.8	90.2	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954	74.4	129.0	81.4	83.9	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955	76.9	129.2	87.3	86.8	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956	79.6	134.1	93.5	88.7	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957	80.3	135.1	91.1	88.3	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958	78.0	122.5	86.6	82.0	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959	81.0	119.4	92.3	85.7	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960	82.4	116.2	89.9	86.4	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961	82.1	109.6	87.8	84.0	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962	84.4	106.0	90.5	86.7	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963	86.1	103.6	92.4	87.4	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964	88.6	103.4	95.1	88.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965	92.3	103.1	99.3	92.9	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966	97.1	102.3	102.1	98.8	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
1968	103.1	98.9	102.4	101.7	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969	106.7	101.0	107.1	103.7	104.0	107.6	106.0	108.2	110.3	111.0	107.1	101.4	108.8
1970	107.3	101.5	104.3	99.7	105.6	109.9	109.2	110.1	114.1	114.6	110.5	99.5	114.0
1970: May	107.6	101.1	104.5	100.6	105.1	110.0	109.5	110.2	114.0	114.6	110.6	101.8	113.3
June	107.2	101.1	103.6	100.2	105.9	109.7	109.2	109.9	114.1	114.2	110.2	98.9	113.7
July	107.2	100.8	103.3	99.8	106.5	109.8	109.4	109.9	114.0	114.0	110.5	98.1	114.3
Aug.	106.9	101.0	103.0	99.1	106.1	109.6	108.9	109.8	113.8	114.1	110.5	97.8	114.5
Sept.	107.1	101.3	101.7	99.2	105.9	110.0	109.2	110.2	114.2	115.1	110.4	97.4	114.5
Oct.	106.6	101.3	102.2	96.1	105.8	110.3	109.4	110.6	114.6	115.5	111.6	97.6	116.0
Nov.	106.4	102.0	103.0	95.3	105.4	109.8	109.2	110.0	115.1	115.8	112.1	97.9	116.5
Dec.	106.8	102.0	103.5	96.9	104.1	109.2	109.4	109.1	115.4	116.1	112.1	97.5	116.7
1971: Jan.	107.3	102.0	101.0	96.7	105.6	111.2	109.7	111.7	116.2	116.6	112.5	97.7	117.1
Feb.	107.2	101.6	99.7	96.3	106.1	111.3	109.8	111.8	116.1	116.7	112.7	97.8	117.4
Mar.	107.3	101.8	101.4	96.0	106.0	111.4	110.2	111.8	116.4	116.9	113.1	97.7	117.9
Apr. P	107.3	101.6	102.6	96.0	105.3	111.4	110.1	111.8	116.8	116.8	113.3	97.9	118.1
May P	107.5	102.0	102.0	96.1	105.6	112.0	110.8	112.3	117.3	116.7	113.5	98.0	118.3

p-preliminary.

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	1971					1970							
	May ^P	Apr. P	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
TOTAL	70,826	70,696	70,659	70,590	70,652	70,303	70,085	70,182	70,531	70,414	70,587	70,629	70,839
GOODS-PRODUCING	22,594	22,582	22,550	22,549	22,673	22,786	22,466	22,583	23,168	23,195	23,334	23,421	23,543
MINING	625	623	624	623	625	625	625	621	621	619	618	620	620
CONTRACT CONSTRUCTION	3,271	3,291	3,254	3,198	3,241	3,319	3,303	3,278	3,262	3,305	3,314	3,324	3,351
MANUFACTURING	18,698	18,668	18,672	18,728	18,807	18,842	18,538	18,684	19,285	19,271	19,402	19,477	19,572
DURABLE GOODS	10,631	10,604	10,607	10,662	10,717	10,756	10,455	10,602	11,145	11,134	11,217	11,286	11,386
Ordnance and accessories	198	198	201	206	214	218	223	228	237	240	243	250	256
Lumber and wood products	580	574	576	576	572	569	571	574	575	570	570	575	582
Furniture and fixtures	459	453	451	449	451	450	453	454	457	453	454	453	456
Stone, clay, and glass products	626	624	623	627	625	628	624	630	635	631	628	636	638
Primary metal industries	1,256	1,256	1,256	1,255	1,255	1,256	1,249	1,273	1,315	1,298	1,301	1,305	1,309
Fabricated metal products	1,340	1,340	1,309	1,337	1,337	1,344	1,311	1,331	1,395	1,387	1,387	1,388	1,394
Machinery, except electrical	1,777	1,782	1,795	1,805	1,818	1,846	1,855	1,878	1,926	1,939	1,969	1,982	2,004
Electrical equipment	1,799	1,786	1,793	1,786	1,794	1,808	1,803	1,841	1,896	1,903	1,934	1,936	1,956
Transportation equipment	1,752	1,754	1,763	1,776	1,802	1,785	1,515	1,534	1,839	1,841	1,853	1,876	1,897
Instruments and related products	433	428	429	432	437	439	442	447	452	453	458	461	468
Miscellaneous manufacturing	411	409	411	413	412	413	409	412	418	419	420	424	426
NONDURABLE GOODS	8,067	8,064	8,065	8,066	8,090	8,086	8,083	8,082	8,140	8,137	8,185	8,191	8,186
Food and kindred products	1,757	1,769	1,777	1,784	1,783	1,780	1,779	1,769	1,779	1,784	1,789	1,800	1,805
Tobacco manufactures	75	75	74	76	75	75	77	76	76	82	81	81	81
Textile mill products	944	942	942	946	952	949	945	948	955	954	955	959	971
Apparel and other textile products	1,393	1,391	1,384	1,371	1,381	1,378	1,372	1,367	1,380	1,376	1,393	1,385	1,375
Paper and allied products	691	694	694	695	698	699	700	698	706	703	706	711	714
Printing and publishing	1,093	1,087	1,092	1,096	1,099	1,100	1,100	1,102	1,105	1,103	1,105	1,103	1,108
Chemicals and allied products	1,036	1,032	1,032	1,036	1,040	1,042	1,045	1,052	1,056	1,053	1,054	1,055	1,060
Petroleum and coal products	191	191	193	192	193	192	191	190	190	191	191	193	192
Rubber and plastics products, nec	570	563	561	555	550	553	554	557	569	567	578	570	548
Leather and leather products	317	320	316	315	319	318	320	323	324	324	333	334	332
SERVICE-PRODUCING	48,232	48,114	48,109	48,041	47,979	47,517	47,619	47,599	47,363	47,219	47,253	47,208	47,296
TRANSPORTATION AND PUBLIC UTILITIES	4,498	4,486	4,516	4,521	4,499	4,437	4,493	4,509	4,511	4,520	4,539	4,511	4,478
WHOLESALE AND RETAIL TRADE	15,232	15,155	15,151	15,141	15,133	14,851	14,945	15,011	14,961	14,912	14,933	14,927	14,968
WHOLESALE TRADE	3,906	3,881	3,884	3,871	3,868	3,855	3,851	3,857	3,850	3,840	3,856	3,849	3,859
RETAIL TRADE	11,326	11,274	11,267	11,270	11,265	10,996	11,094	11,154	11,111	11,072	11,077	11,078	11,109
FINANCE, INSURANCE, AND REAL ESTATE	3,784	3,766	3,753	3,745	3,746	3,723	3,711	3,696	3,684	3,670	3,676	3,679	3,677
SERVICES	11,785	11,798	11,803	11,785	11,778	11,727	11,695	11,665	11,622	11,521	11,514	11,532	11,572
Hotels and other lodging places	-	754	761	759	765	763	743	746	754	715	722	749	764
Personal services	-	954	966	968	974	974	984	987	988	983	989	1,000	1,005
Medical and other health services	-	3,231	3,218	3,201	3,192	3,174	3,158	3,144	3,129	3,102	3,086	3,070	3,058
Educational services	-	1,184	1,183	1,171	1,153	1,167	1,159	1,160	1,143	1,143	1,147	1,145	1,146
GOVERNMENT	12,933	12,909	12,886	12,849	12,823	12,779	12,775	12,718	12,585	12,596	12,591	12,559	12,601
FEDERAL	2,665	2,662	2,657	2,659	2,656	2,650	2,661	2,654	2,649	2,659	2,668	2,689	2,768
STATE AND LOCAL	10,268	10,247	10,229	10,190	10,167	10,129	10,114	10,064	9,936	9,937	9,923	9,870	9,833

p - preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers in industrial and construction activities¹
seasonally adjusted

(In thousands)

Major industry group	1971					1970							
	May p	Apr. p	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
TOTAL	16,736	16,732	16,666	16,658	16,754	16,848	16,514	16,604	17,179	17,201	17,327	17,382	17,447
MINING	474	472	473	473	475	473	475	472	471	469	469	471	470
CONTRACT CONSTRUCTION	2,721	2,742	2,697	2,642	2,684	2,765	2,750	2,727	2,708	2,758	2,768	2,771	2,797
MANUFACTURING	13,541	13,518	13,496	13,543	13,595	13,610	13,289	13,405	14,000	13,974	14,090	14,140	14,180
DURABLE GOODS	7,629	7,607	7,592	7,642	7,679	7,700	7,386	7,504	8,039	8,019	8,082	8,134	8,186
Ordnance and accessories	100	99	102	106	110	114	118	122	128	129	131	137	141
Lumber and wood products	499	495	496	496	492	488	492	495	495	491	491	495	501
Furniture and fixtures	377	372	370	370	371	370	373	374	377	372	373	372	375
Stone, clay, and glass products	495	494	493	496	496	499	495	500	505	500	499	505	506
Primary metal industries	996	995	996	992	992	990	981	1,005	1,047	1,031	1,033	1,034	1,037
Fabricated metal products	1,021	1,020	989	1,013	1,014	1,021	985	1,002	1,067	1,060	1,058	1,057	1,060
Machinery, except electrical	1,115	1,160	1,170	1,179	1,190	1,209	1,218	1,233	1,281	1,288	1,316	1,321	1,340
Electrical equipment and supplies	1,191	1,176	1,179	1,175	1,181	1,188	1,181	1,213	1,258	1,266	1,289	1,297	1,294
Transportation equipment	1,220	1,226	1,226	1,239	1,254	1,239	967	977	1,286	1,285	1,290	1,309	1,317
Instruments and related products	257	255	255	258	261	262	264	267	273	274	278	280	286
Miscellaneous manufacturing industries	318	315	316	318	318	320	312	316	322	323	324	327	329
NONDURABLE GOODS	5,912	5,911	5,904	5,901	5,916	5,910	5,903	5,901	5,961	5,955	6,008	6,006	5,994
Food and kindred products	1,178	1,191	1,197	1,202	1,199	1,197	1,194	1,184	1,193	1,198	1,203	1,214	1,216
Tobacco manufactures	62	63	61	63	63	62	64	63	63	69	67	67	68
Textile mill products	828	826	826	830	835	831	828	830	839	837	839	842	852
Apparel and other textile products	1,222	1,219	1,212	1,199	1,208	1,207	1,200	1,196	1,210	1,206	1,223	1,214	1,206
Paper and allied products	529	531	530	532	535	536	538	535	543	540	544	549	551
Printing and publishing	669	667	670	672	673	677	675	676	680	676	680	679	681
Chemicals and allied products	595	591	591	593	595	595	597	603	606	602	605	603	606
Petroleum and coal products	117	117	118	117	117	116	116	116	115	117	118	118	118
Rubber and plastics products, nec	441	433	431	424	420	419	419	423	436	433	444	434	412
Leather and leather products	271	273	268	269	271	270	272	275	276	277	285	286	284

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

p = preliminary.

Advertisement on page 59 omitted.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970
1	ALABAMA	1,010.6	1,003.6	1,011.6	8.1	8.1	8.2	52.2	49.9	50.3	318.5	318.1	326.1
2	Birmingham	265.4	264.8	260.8	5.4	5.4	5.5	15.9	15.0	14.0	72.4	73.0	73.0
3	Huntsville	76.5	76.5	77.9	(1)	(1)	(1)	2.2	2.1	2.5	12.7	12.7	13.8
4	Mobile	(*)	103.1	105.8	(*)	(1)	(1)	(*)	6.6	6.7	(*)	23.4	25.4
5	Montgomery	69.1	68.7	68.6	(1)	(1)	(1)	4.7	4.5	4.8	10.1	10.2	10.4
6	Tuscaloosa	38.6	38.3	37.5	(1)	(1)	(1)	2.1	2.1	2.0	10.5	10.4	10.0
7	ALASKA	87.9	85.8	87.8	2.3	2.3	3.2	4.8	4.3	6.1	5.9	5.4	6.4
8	ARIZONA	558.7	557.1	549.4	21.3	21.2	20.3	38.6	38.7	38.1	85.4	84.7	93.7
9	Phoenix	331.8	331.1	329.2	.2	.2	.2	21.3	21.3	22.1	65.1	64.6	73.5
10	Tucson	111.0	111.1	106.4	7.0	7.0	6.4	10.2	10.2	9.5	9.4	9.4	9.5
11	ARKANSAS	534.0	529.7	531.3	4.6	4.6	4.5	25.7	24.0	24.4	163.9	163.5	166.7
12	Fayetteville	26.7	27.0	26.9	(1)	(1)	(1)	1.4	1.4	1.3	6.8	7.1	7.2
13	Fort Smith	46.4	45.8	47.0	.6	.6	.6	2.4	2.3	3.1	16.9	16.5	17.0
14	Little Rock-North Little Rock	121.5	120.4	120.9	(1)	(1)	(1)	6.3	5.5	6.0	26.7	26.7	27.9
15	Pine Bluff	23.9	23.7	24.3	(1)	(1)	(1)	.8	.8	.8	5.6	5.5	5.7
16	CALIFORNIA	6,923.7	6,896.0	6,963.4	29.3	29.3	31.7	285.4	278.9	304.5	1,454.4	1,452.5	1,587.8
17	Anaheim-Santa Ana-Garden Grove ..	428.2	426.6	424.5	1.8	1.7	1.8	23.5	23.0	23.0	115.1	115.0	124.5
18	Bakersfield	88.3	88.1	88.8	6.1	6.1	6.4	3.6	3.6	4.0	7.7	7.7	7.7
19	Fresno	116.7	115.8	114.4	.9	.9	.9	4.7	4.6	4.8	17.1	16.8	16.2
20	Los Angeles-Long Beach	2,838.7	2,841.5	2,881.2	10.8	10.8	11.3	103.1	102.0	111.9	744.7	750.1	834.9
21	Modesto	52.4	51.6	51.6	.1	.1	.1	2.7	2.6	3.2	12.9	12.1	11.9
22	Oxnard-Ventura	95.0	94.6	94.5	1.8	1.8	1.9	4.7	4.6	4.9	13.2	12.8	13.9
23	Sacramento	264.1	262.2	260.9	.1	.1	.1	11.1	10.6	11.0	20.4	20.0	21.6
24	Salinas-Monterey	63.2	61.7	61.1	.5	.5	.5	2.3	2.3	2.2	7.5	7.0	7.6
25	San Bernardino-Riverside-Ontario ..	299.9	299.1	297.8	2.5	2.4	2.4	14.2	13.8	14.6	50.5	50.1	52.9
26	San Diego	386.2	386.0	386.8	.5	.5	.5	19.5	19.3	20.9	62.3	63.3	68.9
27	San Francisco-Oakland	1,259.2	1,254.8	1,258.2	1.8	1.8	1.8	59.9	58.5	62.1	194.4	192.7	204.8
28	San Jose	379.1	377.4	381.5	.1	.1	.2	16.1	15.7	17.0	118.1	117.5	125.8
29	Santa Barbara	81.8	81.8	82.7	1.0	1.0	1.0	2.9	2.9	3.6	10.1	10.1	10.9
30	Santa Rosa	51.1	50.2	50.2	.3	.2	.3	2.2	2.0	2.2	6.6	6.6	6.6
31	Stockton	87.9	86.5	86.8	.1	.1	.1	3.1	3.0	3.0	16.7	15.5	16.7
32	Vallejo-Napa	66.2	65.8	67.9	.2	.1	.2	2.3	2.1	2.1	6.0	6.2	6.5
33	COLORADO	748.4	745.6	729.7	13.5	13.5	14.0	39.8	38.8	37.7	113.8	113.1	115.9
34	Denver	486.3	484.6	472.3	4.8	4.8	5.1	28.8	28.5	25.5	83.5	83.3	84.7
35	CONNECTICUT	1,176.9	1,168.5	1,207.9	(2)	(2)	(2)	52.8	48.0	56.2	408.8	413.5	459.2
36	Bridgeport	145.8	145.2	152.7	(2)	(2)	(2)	5.9	5.5	5.9	63.1	63.5	71.9
37	Hartford	321.3	318.6	325.1	(2)	(2)	(2)	15.6	14.2	14.9	91.0	92.2	104.9
38	New Britain	44.2	44.0	46.6	(2)	(2)	(2)	1.7	1.4	1.7	22.1	22.3	24.8
39	New Haven	157.4	156.7	159.5	(2)	(2)	(2)	7.8	7.9	8.0	39.4	40.1	43.7
40	Stamford	82.2	81.3	82.0	(2)	(2)	(2)	3.9	3.6	3.9	26.5	26.7	27.9
41	Waterbury	76.0	74.9	78.3	(2)	(2)	(2)	3.6	3.1	3.7	34.1	34.0	37.0
42	DELAWARE	211.1	208.9	213.7	(1)	(1)	(1)	12.9	11.6	13.6	70.0	69.8	72.8
43	Wilmington	187.9	186.6	194.2	(1)	(1)	(1)	11.8	10.6	12.8	66.5	66.9	70.0
44	DISTRICT OF COLUMBIA ³	693.2	690.3	682.6	(1)	(1)	(1)	20.5	19.9	19.6	18.1	18.2	18.6
45	Washington SMSA	1,179.1	1,171.1	1,149.0	(1)	(1)	(1)	69.4	67.6	67.3	42.2	42.3	43.7
46	FLORIDA	2,212.2	2,218.5	2,181.7	8.2	8.5	8.4	167.2	168.0	175.4	317.5	320.8	328.0
47	Fort Lauderdale-Hollywood	176.0	178.3	182.8	(1)	(1)	(1)	19.5	19.7	26.1	18.4	18.6	21.1
48	Jacksonville	192.4	192.1	194.5	(1)	(1)	(1)	11.7	11.5	12.1	24.4	24.4	25.4
49	Miami	516.4	518.0	506.7	(1)	(1)	(1)	32.8	32.7	32.5	78.0	77.7	78.4
50	Orlando	149.7	150.6	138.5	(1)	(1)	(1)	18.1	18.0	13.7	21.1	21.3	20.3
51	Pensacola	67.1	66.7	67.7	(1)	(1)	(1)	5.1	5.2	5.2	14.1	14.1	14.4
52	Tampa-St. Petersburg	316.5	317.2	311.6	(1)	(1)	(1)	25.1	25.1	25.6	53.4	53.0	54.2
53	West Palm Beach	112.0	114.5	111.7	(1)	(1)	(1)	8.3	8.3	10.5	19.8	20.0	20.4
54	GEORGIA	1,549.5	1,544.4	1,546.7	7.0	7.0	7.1	78.2	75.9	78.3	447.7	449.9	464.8
55	Atlanta	613.5	610.3	606.2	(1)	(1)	(1)	33.0	31.8	32.2	114.3	114.8	121.3

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			
Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	
54.4	54.6	54.9	189.9	187.5	188.6	42.2	42.0	41.0	131.6	130.8	132.0	213.7	212.6	210.5	1
19.0	19.0	18.7	61.2	61.1	59.8	17.2	17.2	16.6	37.4	37.3	36.8	36.9	36.8	36.4	2
1.7	1.7	1.7	11.5	11.6	11.4	2.0	2.0	2.0	16.8	16.8	17.4	29.6	29.6	29.1	3
(*)	10.0	10.0	(*)	25.5	25.4	(*)	5.0	5.0	(*)	15.9	16.1	(*)	16.7	17.2	4
4.1	4.1	4.0	15.8	15.5	15.6	4.6	4.6	4.2	10.8	10.9	10.9	19.0	18.9	18.7	5
1.6	1.6	1.6	6.4	6.4	6.3	1.3	1.2	1.2	3.8	3.8	3.7	12.9	12.8	12.7	6
8.8	8.6	8.9	14.8	14.4	14.8	3.2	3.2	2.9	11.3	11.2	11.2	36.8	36.4	34.3	7
30.7	30.6	29.0	132.0	131.3	126.0	30.9	30.7	29.7	93.4	93.3	91.5	126.4	126.6	121.1	8
18.2	18.1	17.0	83.8	83.5	80.7	23.1	22.9	22.1	57.2	57.4	55.1	62.9	63.1	58.5	9
5.9	5.9	5.8	24.8	24.8	23.5	4.9	4.9	4.8	20.1	20.0	19.4	28.7	28.9	27.5	10
32.0	32.1	31.3	106.9	106.3	105.5	21.6	21.1	21.2	75.3	74.4	73.2	104.0	103.7	104.5	11
2.4	2.4	2.2	5.2	5.2	5.2	.6	.5	.6	3.5	3.5	3.3	6.8	6.9	7.1	12
2.7	2.7	2.7	9.2	9.3	9.3	1.5	1.4	1.4	7.0	6.9	6.8	6.1	6.1	6.1	13
9.4	9.4	9.1	27.1	27.0	26.5	8.6	8.6	8.5	18.6	18.5	18.5	24.8	24.7	24.4	14
3.2	3.2	3.1	4.7	4.6	4.6	.9	.9	.9	3.2	3.2	3.3	5.5	5.5	5.9	15
455.9	455.0	441.5	1,538.8	1,531.1	1,515.9	392.8	391.2	382.5	1,300.5	1,297.0	1,266.5	1,466.6	1,461.0	1,433.0	16
15.1	15.0	13.8	103.3	103.1	99.1	23.6	23.6	22.3	74.9	74.3	71.8	70.9	70.9	68.2	17
5.9	6.0	5.9	20.0	20.1	20.0	3.7	3.7	3.6	14.8	14.3	14.9	26.5	26.6	26.3	18
7.6	7.7	7.6	29.8	29.6	29.1	5.4	5.4	5.4	21.6	21.3	21.4	29.6	29.5	29.0	19
174.0	175.3	164.6	642.0	641.7	634.0	174.3	174.1	170.6	554.8	554.2	539.5	435.0	433.3	414.4	20
2.4	2.4	2.5	11.6	11.7	11.6	1.5	1.5	1.6	10.4	10.4	9.7	10.8	10.8	11.0	21
4.1	4.3	4.1	22.3	22.1	22.0	3.6	3.6	3.5	15.7	15.7	15.2	29.6	29.7	29.0	22
17.3	17.3	16.7	53.8	53.4	52.6	10.8	10.8	10.5	39.8	39.7	38.4	110.8	110.3	110.0	23
4.3	4.3	4.1	15.9	15.3	15.3	2.4	2.4	2.3	12.2	12.0	11.9	18.1	17.9	17.2	24
17.7	17.8	17.8	68.9	68.8	66.2	10.4	10.3	9.9	58.2	58.6	56.8	77.5	77.3	77.2	25
20.5	20.4	20.1	87.0	86.4	84.6	18.9	18.8	18.2	76.3	76.3	75.0	101.2	101.0	98.6	26
131.9	131.8	128.2	266.1	266.0	265.3	100.4	99.9	98.2	228.3	227.5	222.6	276.4	276.6	275.2	27
17.3	17.1	16.5	73.6	73.4	70.5	13.8	13.7	13.5	77.2	77.4	76.5	62.9	62.5	61.5	28
3.6	3.6	3.5	18.1	18.0	18.2	3.4	3.4	3.3	20.5	20.5	20.2	22.2	22.3	22.0	29
2.6	2.6	2.5	12.7	12.4	12.4	3.3	3.3	3.2	9.3	9.1	9.1	14.1	14.0	13.9	30
6.7	6.7	6.8	18.8	18.7	18.5	3.1	3.1	3.0	14.7	14.5	14.2	24.7	24.9	24.5	31
3.5	3.5	3.5	12.1	12.0	12.0	1.8	1.8	1.8	10.9	10.8	10.9	29.4	29.3	30.9	32
52.0	52.2	50.6	176.4	175.8	169.8	40.3	40.2	39.8	132.9	132.6	128.3	179.7	179.4	173.6	33
36.4	36.3	34.9	121.2	120.7	115.3	29.7	29.6	30.0	88.8	88.6	86.8	93.1	92.8	90.0	34
54.7	54.5	54.1	231.8	228.6	224.6	76.3	76.0	72.4	191.2	187.4	183.2	161.4	160.5	158.2	35
6.4	6.4	6.4	28.7	28.3	27.8	4.9	4.9	4.7	21.4	21.2	20.8	15.4	15.4	15.2	36
12.8	12.7	12.2	64.4	63.2	62.6	45.1	44.8	41.8	48.1	46.9	44.8	44.5	44.5	43.9	37
1.4	1.4	1.4	7.2	7.1	7.1	1.3	1.3	1.2	5.3	5.3	5.3	5.3	5.2	5.1	38
14.4	14.4	14.3	32.8	32.3	32.0	8.5	8.4	8.2	34.3	33.8	33.4	20.1	19.9	20.1	39
3.6	3.6	3.4	17.3	17.2	17.1	5.0	4.9	4.6	17.8	17.2	17.3	8.1	8.1	7.8	40
3.3	3.3	3.3	13.1	12.8	12.8	2.4	2.4	2.2	10.6	10.4	10.4	8.9	8.9	8.9	41
11.4	11.4	11.0	43.1	42.9	44.7	9.5	9.5	9.1	30.0	30.0	29.7	34.2	33.7	32.8	42
9.9	9.9	9.8	37.0	37.0	38.9	8.5	8.5	8.3	25.4	25.3	26.9	28.8	28.4	27.5	43
29.7	29.7	31.1	80.5	80.1	80.9	33.1	33.1	33.9	141.2	140.2	136.0	370.1	369.1	362.5	44
59.9	59.8	59.6	230.4	228.7	224.4	68.4	68.1	68.4	260.0	257.3	251.0	448.8	447.3	434.6	45
158.0	158.0	152.1	590.1	591.1	571.2	135.8	135.2	132.1	415.1	416.7	407.8	420.3	420.2	406.7	46
9.9	9.9	9.7	52.9	53.9	51.6	11.3	11.2	11.6	36.6	37.5	36.9	27.4	27.5	25.8	47
20.9	20.8	20.8	52.4	52.6	52.4	19.0	19.0	18.5	30.6	30.4	30.7	33.4	33.4	34.6	48
56.6	57.1	54.0	138.2	139.1	134.0	33.5	33.2	33.2	117.4	118.8	115.3	59.9	59.4	59.3	49
8.7	8.8	8.4	41.7	42.1	39.9	10.0	10.0	9.4	26.7	27.0	24.6	23.4	23.4	22.2	50
3.7	3.6	3.5	14.1	13.7	14.2	2.6	2.6	2.7	9.1	9.1	9.2	18.4	18.4	18.5	51
21.5	21.6	21.1	92.8	92.7	89.1	18.4	18.3	18.0	60.3	61.4	58.9	45.0	45.1	44.7	52
5.2	5.2	5.0	29.6	30.5	29.0	7.3	7.5	6.9	24.7	26.1	23.4	17.1	16.9	16.5	53
106.9	106.8	106.0	330.3	329.2	328.8	79.7	79.4	76.4	189.9	188.7	186.8	309.8	307.5	298.5	54
58.9	59.3	58.6	168.4	167.8	165.5	45.4	45.3	43.7	93.8	92.9	92.0	99.7	98.4	92.9	55

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970
GEORGIA (continued)													
1	Augusta	88.3	87.5	87.9	(1)	(1)	(1)	5.7	5.1	4.3	29.1	29.0	30.0
2	Columbus	68.8	68.5	69.5	(1)	(1)	(1)	3.3	3.3	4.2	18.5	18.5	19.1
3	Macon	78.0	77.4	79.3	(1)	(1)	(1)	3.7	3.4	5.2	13.7	13.9	14.3
4	Savannah	65.3	64.5	67.8	(1)	(1)	(1)	4.1	4.1	4.6	14.7	14.4	16.3
HAWAII													
5	Honolulu	294.8	294.4	289.2	(1)	(1)	(1)	22.6	23.0	26.0	24.1	23.7	25.2
6	Honolulu	250.7	250.4	245.9	(1)	(1)	(1)	19.8	20.2	22.9	17.3	16.9	18.5
IDAHO													
7	Boise	206.6	204.6	201.2	3.4	3.4	3.4	9.7	9.1	9.3	38.0	38.4	38.9
8	Boise	42.9	42.6	40.4	(1)	(1)	(1)	2.4	2.3	2.5	4.8	4.8	4.6
ILLINOIS													
9	Chicago ⁴	4,274.4	4,243.3	4,306.5	22.5	22.2	22.6	169.2	159.7	178.6	1,274.7	1,274.1	1,353.1
10	Chicago	2,933.1	2,915.1	2,953.9	4.2	4.2	4.7	112.0	103.9	117.9	887.1	887.3	939.7
11	Chicago-Northwestern Indiana	3,154.2	3,134.7	3,176.1	4.3	4.3	4.8	123.3	115.0	130.7	994.1	993.5	1,048.0
12	Davenport-Rock Island-Moline	130.7	129.9	133.2	(*)	(2)	(2)	6.4	5.9	6.4	40.7	41.0	43.9
13	Peoria	129.4	127.3	129.8	(2)	(2)	(2)	7.7	6.7	7.4	46.8	46.1	48.8
14	Rockford	104.7	102.6	110.7	(2)	(2)	(2)	3.8	3.4	4.1	49.1	47.4	55.2
INDIANA													
15	Evansville	1,824.9	1,805.6	1,857.2	7.2	6.9	7.1	68.1	61.5	78.9	695.2	688.3	725.6
16	Fort Wayne	117.5	116.8	119.7	(1)	(1)	(1)	4.3	4.3	4.8	42.7	42.6	45.9
17	Gary-Hammond-East Chicago ⁴	221.1	219.6	222.2	(1)	(1)	(1)	11.3	11.1	12.8	107.0	106.2	108.3
18	Indianapolis	411.0	406.9	419.7	(1)	(1)	(1)	16.8	15.8	18.7	123.0	120.2	130.9
19	Muncie	46.8	46.9	47.3	(1)	(1)	(1)	1.6	1.5	1.7	17.7	18.0	19.3
20	South Bend	91.1	90.2	94.4	(1)	(1)	(1)	3.5	3.2	3.8	29.8	29.6	33.2
21	Terre Haute	55.2	55.2	55.8	1.2	1.2	1.0	2.1	2.4	3.1	15.1	14.9	15.3
IOWA													
23	Cedar Rapids	877.2	866.7	882.7	2.9	2.7	2.9	39.1	33.8	39.1	201.1	201.8	215.4
24	Des Moines	129.9	128.8	131.1	(1)	(1)	(1)	6.5	5.7	6.2	24.3	25.0	26.0
25	Dubuque	34.0	33.7	34.2	(1)	(1)	(1)	1.7	1.5	1.5	13.4	13.6	14.0
26	Sioux City	41.5	40.4	41.4	(1)	(1)	(1)	2.3	1.7	1.8	9.4	9.3	9.7
27	Waterloo	49.7	48.8	50.0	(1)	(1)	(1)	2.1	1.8	1.9	17.6	17.5	18.3
KANSAS													
29	Topeka	668.2	662.3	682.1	10.5	10.3	11.1	28.4	25.7	30.2	123.7	124.0	138.4
30	Wichita	62.8	62.3	62.6	.1	.1	.1	2.6	2.5	2.5	10.0	10.0	10.0
31	Wichita	131.1	130.4	141.2	2.2	2.1	2.6	5.8	5.2	6.3	33.2	33.8	41.0
KENTUCKY													
32	Lexington	931.9	917.1	905.8	30.1	29.4	27.0	53.6	47.3	46.5	245.8	246.0	251.9
33	Louisville	79.6	79.4	79.9	(1)	(1)	(1)	4.3	3.8	4.8	15.8	16.9	17.4
34	Louisville	327.7	324.8	330.6	(1)	(1)	(1)	16.2	15.2	15.8	106.2	106.5	117.9
LOUISIANA													
35	Baton Rouge	1,046.5	1,046.6	1,035.3	50.3	50.5	51.2	74.9	74.8	69.7	169.7	170.0	173.2
36	Lake Charles	105.0	104.9	102.7	.5	.5	.5	12.5	12.7	10.2	18.0	18.0	18.3
37	Monroe	41.3	41.3	41.0	1.4	1.4	1.4	4.9	4.9	5.4	9.1	9.1	9.0
38	Shreveport	(*)	37.5	36.7	(*)	.4	.4	(*)	3.0	2.7	(*)	6.4	6.6
39	Shreveport	372.8	373.6	372.4	12.9	13.2	14.7	23.6	23.6	21.1	51.2	51.3	53.7
40	Shreveport	93.2	93.1	90.5	3.6	3.7	3.8	5.6	5.7	5.6	16.6	16.4	15.7
MAINE													
41	Lewiston-Auburn	322.5	321.8	327.9	(1)	(1)	(1)	14.8	13.8	15.0	101.8	103.3	111.0
42	Portland	27.7	27.5	29.0	(1)	(1)	(1)	1.5	1.4	1.5	11.9	11.9	13.3
43	Portland	63.9	64.1	64.2	(1)	(1)	(1)	3.1	2.9	3.2	12.9	13.1	14.3
MARYLAND ³													
44	Baltimore	1,309.9	1,296.6	1,293.4	1.9	1.9	1.9	86.0	81.4	81.8	254.2	253.3	273.7
45	Baltimore	807.2	800.1	805.4	.3	.3	.3	41.9	39.5	39.8	184.9	183.3	199.1
MASSACHUSETTS													
46	Boston	2,205.5	2,182.4	2,239.2	(1)	(1)	(1)	90.5	80.6	86.0	594.4	597.8	654.3
47	Boston	1,272.9	1,265.2	1,297.8	(1)	(1)	(1)	48.3	44.4	52.4	259.9	262.2	286.9
48	Brockton	49.4	49.0	50.2	(1)	(1)	(1)	2.2	2.0	2.1	14.1	14.5	16.0
49	Fall River	46.9	46.5	48.1	(1)	(1)	(1)	(1)	(1)	(1)	22.3	22.3	23.1
50	Lawrence-Haverhill ⁵	84.0	82.4	86.4	(1)	(1)	(1)	2.2	1.9	2.4	37.4	37.2	40.7
51	Lowell	52.4	51.9	54.3	(1)	(1)	(1)	2.4	2.2	2.4	18.6	18.7	21.1
52	New Bedford	52.1	50.9	54.1	(1)	(1)	(1)	1.9	1.7	1.7	22.9	23.0	25.6
53	Springfield-Chicopee-Holyoke ⁵	186.3	185.4	190.6	(1)	(1)	(1)	7.0	6.7	4.0	60.3	60.6	67.8
54	Worcester	125.8	124.7	130.0	(1)	(1)	(1)	5.5	4.6	5.2	39.9	40.3	46.2

See footnotes at end of table.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	
3.7	3.7	3.9	15.5	15.5	15.2	3.1	3.1	3.1	10.5	10.4	10.8	20.7	20.7	20.6	1
3.4	3.4	3.3	13.6	13.7	13.4	4.1	4.0	3.8	9.4	9.2	9.0	16.5	16.4	16.7	2
3.4	3.4	3.5	15.3	15.0	14.0	4.3	4.2	4.0	9.5	9.5	9.2	28.1	28.0	29.1	3
7.2	7.1	7.2	14.8	14.5	15.3	3.4	3.4	3.3	9.5	9.4	9.6	11.6	11.6	11.5	4
23.3	23.3	23.5	68.8	69.2	67.1	18.6	18.6	17.9	58.7	58.7	56.8	78.7	77.9	72.7	5
19.7	19.8	20.0	58.5	58.9	57.3	16.9	16.9	16.2	49.5	49.5	47.6	69.0	68.2	63.4	6
14.3	14.2	13.8	49.5	48.6	48.1	8.1	8.0	7.9	33.3	33.2	31.3	50.3	49.7	48.5	7
3.3	3.3	3.1	11.6	11.6	11.4	2.9	2.9	2.8	6.9	6.8	6.5	11.0	10.9	9.5	8
285.0	283.9	265.7	932.5	924.3	935.9	237.1	235.9	231.6	698.1	688.5	681.3	655.2	654.8	637.7	9
207.1	205.7	187.7	661.4	658.6	663.5	185.6	184.6	181.2	509.6	504.7	501.7	366.0	366.0	357.4	10
221.3	219.7	200.9	697.7	694.7	699.7	191.8	190.8	187.4	532.9	528.0	524.4	388.8	388.7	380.1	11
7.3	7.2	6.9	29.4	29.0	29.3	5.3	5.3	5.2	19.1	18.7	18.5	22.6	22.8	22.9	12
7.3	7.1	7.0	27.3	27.2	27.6	5.4	5.3	5.3	19.1	18.9	18.3	15.9	15.9	15.3	13
3.5	3.4	3.4	20.5	20.5	20.8	3.1	3.1	3.2	14.5	14.4	14.0	10.4	10.3	10.0	14
97.9	97.9	99.8	363.2	359.4	366.9	74.9	75.2	75.6	221.3	218.8	217.9	297.2	297.7	285.2	15
5.2	5.2	5.2	19.3	19.1	19.2	3.2	3.2	3.2	13.4	13.4	13.3	8.7	8.7	8.8	16
8.3	8.3	7.8	28.0	27.6	27.5	6.7	6.7	6.4	15.2	15.0	15.2	12.3	12.3	12.1	17
14.2	14.0	13.2	36.3	36.1	36.2	6.2	6.2	6.2	23.3	23.3	22.8	22.8	22.7	22.7	18
28.3	28.2	28.1	92.8	92.9	92.9	28.8	28.8	28.5	54.1	53.7	53.5	67.2	67.3	67.1	19
2.4	2.4	2.3	9.3	9.2	8.6	1.4	1.4	1.4	5.1	5.1	5.2	9.3	9.3	8.8	20
4.8	4.7	4.4	20.7	20.5	20.7	5.0	5.0	5.0	16.2	16.1	16.3	11.1	11.1	11.0	21
4.2	4.2	4.1	13.0	13.0	13.1	1.8	1.8	1.7	6.5	6.4	6.4	11.3	11.3	11.1	22
49.5	49.4	49.8	212.6	208.8	209.0	41.7	41.4	40.8	149.2	147.6	146.4	181.1	181.3	179.3	23
3.2	3.2	3.1	13.5	13.3	13.5	3.1	3.1	3.1	10.4	10.3	10.1	7.6	7.6	7.4	24
9.3	9.1	9.0	32.0	31.5	33.2	15.1	15.1	14.9	22.7	22.6	22.3	20.0	20.0	19.5	25
1.6	1.6	1.7	6.8	6.7	6.9	1.0	1.0	.9	6.4	6.4	6.5	2.9	2.9	2.7	26
3.1	3.1	3.2	11.6	11.4	11.3	2.0	2.1	2.0	7.5	7.4	7.7	5.6	5.5	5.5	27
2.2	2.2	2.4	10.7	10.4	10.5	1.4	1.4	1.5	7.2	7.0	7.2	8.5	8.5	8.2	28
52.2	52.1	52.1	159.3	157.4	157.7	30.6	30.6	30.0	105.5	103.7	103.9	158.0	158.5	158.7	29
7.0	7.0	7.3	12.9	12.6	12.6	4.1	4.1	4.0	10.4	10.2	10.2	15.9	15.9	16.1	30
7.5	7.6	7.7	30.4	30.2	32.0	6.7	6.6	6.8	24.6	24.3	24.9	20.8	20.7	20.2	31
58.8	58.3	57.9	183.5	179.1	178.4	35.6	35.5	35.1	140.6	138.9	136.4	183.9	182.6	172.6	32
4.4	4.4	4.2	15.9	15.8	15.7	3.5	3.6	3.6	13.9	13.1	12.8	21.8	21.8	21.4	33
23.1	22.6	22.7	71.9	70.5	69.2	16.9	16.9	16.8	48.5	48.0	47.4	44.8	45.2	40.9	34
92.4	92.9	91.3	229.5	228.6	226.4	49.9	49.6	49.2	157.0	157.7	155.5	222.8	222.5	218.8	35
5.1	5.2	5.4	21.5	21.2	21.2	5.9	5.7	5.6	14.2	14.3	14.8	27.3	27.3	26.7	36
2.9	3.0	2.9	8.5	8.5	8.2	1.4	1.4	1.4	6.0	5.9	5.7	7.1	7.1	7.0	37
(*)	2.2	2.2	(*)	9.7	9.6	(*)	2.4	2.4	(*)	5.4	5.4	(*)	8.0	7.4	38
45.4	45.9	44.5	90.4	90.1	89.3	22.7	22.6	22.7	67.8	68.4	68.4	58.8	58.5	58.0	39
9.1	9.2	9.0	22.9	22.9	22.6	4.5	4.5	4.3	14.9	14.8	14.1	16.0	15.9	15.4	40
17.4	17.5	17.2	64.5	63.9	64.5	12.5	12.5	12.1	42.6	41.8	42.1	68.9	69.0	66.0	41
1.0	1.0	.9	6.1	6.0	6.2	.9	.9	.8	4.2	4.2	4.2	2.1	2.1	2.1	42
5.5	5.5	5.3	17.4	17.4	17.1	5.6	5.6	5.3	10.8	11.0	11.3	8.6	8.6	7.7	43
81.7	82.3	80.9	313.9	310.5	299.9	69.9	68.9	67.9	243.7	240.4	235.5	258.6	257.9	251.8	44
57.7	58.2	57.2	179.1	177.7	174.0	43.9	43.6	43.1	138.8	136.9	135.4	160.6	160.6	156.5	45
116.2	119.1	117.2	485.1	473.8	483.4	130.9	130.7	129.2	480.4	471.3	467.0	308.0	309.1	302.1	46
74.8	78.4	76.9	290.7	285.7	290.5	94.8	94.4	94.3	327.0	322.3	320.3	177.4	177.8	176.5	47
3.6	3.6	3.5	13.3	13.0	12.7	1.4	1.4	1.4	6.9	6.6	6.7	7.9	7.9	7.8	48
1.8	1.8	1.8	9.1	9.0	9.2	(1)	(1)	(1)	9.7	9.4	9.6	4.0	4.0	4.4	49
2.7	2.6	2.7	15.3	14.8	15.3	2.4	2.4	2.4	11.0	10.7	10.7	13.0	12.8	12.2	50
2.1	2.1	2.0	11.6	11.4	11.3	1.4	1.4	1.4	9.4	9.2	9.2	6.9	6.9	6.9	51
2.8	2.7	2.7	10.4	9.8	9.9	(1)	(1)	(1)	9.3	8.9	9.4	4.8	4.8	4.8	52
8.9	8.9	8.6	39.3	38.5	40.2	9.6	9.6	9.6	35.5	35.2	34.8	25.7	25.9	25.6	53
6.2	6.2	6.3	27.1	26.9	26.3	7.3	7.3	7.2	23.1	22.7	22.6	16.7	16.7	16.2	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970
1	MICHIGAN	2,933.1	2,929.8	3,014.9	12.0	11.5	11.9	93.1	88.5	103.7	1,043.0	1,050.8	1,126.2
2	Ann Arbor	109.3	108.6	106.6	(1)	(1)	(1)	2.5	2.1	2.7	37.4	37.2	35.2
3	Battle Creek	60.2	58.9	60.5	(1)	(1)	(1)	1.8	1.6	1.9	24.5	23.5	25.0
4	Bay City	30.1	29.2	30.3	(1)	(1)	(1)	.9	.8	1.0	10.8	10.0	11.2
5	Detroit	1,449.1	1,452.8	1,505.5	1.0	.9	1.0	48.4	46.4	52.7	530.2	539.8	577.8
6	Flint	158.6	158.4	169.1	(1)	(1)	(1)	3.3	3.2	5.5	81.8	82.3	85.7
7	Grand Rapids	185.0	185.3	186.7	(1)	(1)	(1)	7.0	6.6	7.3	68.8	69.6	72.5
8	Jackson	45.0	44.1	46.7	(1)	(1)	(1)	1.6	1.4	1.6	16.3	15.6	18.2
9	Kalamazoo	72.4	72.5	74.6	(1)	(1)	(1)	3.2	3.1	3.3	26.4	26.6	28.8
10	Lansing	132.4	130.4	137.9	(1)	(1)	(1)	4.5	4.5	4.4	39.4	37.8	40.3
11	Muskegon-Muskegon Heights	47.4	47.0	51.3	(1)	(1)	(1)	1.3	1.2	1.3	21.2	20.9	25.9
12	Saginaw	75.7	75.4	74.6	(1)	(1)	(1)	3.2	3.0	3.5	33.5	33.6	32.3
13	MINNESOTA	1,278.1	1,270.5	1,298.8	14.0	13.7	13.8	57.0	54.1	56.9	293.5	293.0	319.1
14	Duluth-Superior	54.5	53.4	55.3	(1)	(1)	(1)	2.1	1.9	2.4	9.1	9.3	10.1
15	Minneapolis-St. Paul	768.8	766.8	791.6	(1)	(1)	(1)	35.1	33.4	36.2	189.6	189.9	212.3
16	MISSISSIPPI	582.6	577.9	572.5	6.4	6.3	6.4	32.0	30.2	31.7	183.3	182.2	179.2
17	Jackson	94.0	93.4	91.5	.7	.7	.7	5.2	5.0	5.3	13.6	13.6	13.4
18	MISSOURI	1,627.8	1,611.7	1,654.7	8.3	8.4	9.1	74.1	68.3	69.5	421.9	416.3	446.1
19	Kansas City	512.4	508.2	510.5	.5	.5	.5	24.8	23.4	21.1	119.7	120.4	128.6
20	St. Joseph	31.2	31.2	32.1	(2)	(2)	(2)	1.6	1.6	1.4	8.9	8.9	10.1
21	St. Louis	887.8	877.8	891.2	2.2	2.1	2.4	39.8	38.5	38.9	261.2	257.6	275.9
22	Springfield	55.9	55.5	55.5	.1	.1	.1	2.7	2.4	3.1	14.9	14.9	14.5
23	MONTANA	198.5	195.7	194.9	6.7	6.5	6.3	9.5	8.4	10.2	22.9	22.9	21.9
24	Billings	29.1	28.5	28.5	(1)	(1)	(1)	1.7	1.5	1.7	3.1	3.0	2.9
25	Great Falls	24.3	23.8	24.0	(1)	(1)	(1)	1.6	1.2	1.6	2.7	2.7	2.9
26	NEBRASKA	483.2	478.7	480.2	1.7	1.4	1.5	22.5	20.0	24.1	81.3	81.3	85.0
27	Lincoln	72.1	71.8	71.2	-	-	-	3.7	3.0	3.5	10.3	10.3	10.4
28	Omaha	211.4	208.0	208.1	(2)	(2)	(2)	10.6	9.1	11.1	38.2	37.8	40.3
29	NEVADA	204.3	201.5	198.7	3.9	3.9	4.0	12.2	11.7	11.8	8.5	8.5	8.4
30	Las Vegas	113.1	112.8	110.9	.2	.2	.1	7.7	7.6	7.1	4.2	4.2	4.3
31	Reno	58.2	56.5	54.3	.2	.2	.2	3.6	3.5	3.5	3.0	3.0	2.9
32	NEW HAMPSHIRE	250.5	248.7	254.5	.3	.3	.3	11.0	9.9	12.0	85.8	85.6	94.5
33	Manchester	48.5	48.2	48.8	(1)	(1)	(1)	2.1	1.9	2.3	16.2	16.1	16.4
34	NEW JERSEY	2,573.8	2,556.9	2,602.0	3.3	3.2	3.4	122.7	110.3	117.8	816.5	828.2	873.8
35	Atlantic City	60.3	57.9	61.2	-	-	-	3.3	3.0	3.5	10.2	10.3	10.9
36	Camden ⁶	256.7	252.6	254.6	.1	.1	.1	13.8	11.3	13.8	70.2	71.4	76.0
37	Jersey City ⁷	251.8	251.1	259.8	-	-	-	7.1	6.1	7.0	100.9	101.5	108.8
38	Long Branch	117.4	115.5	117.6	.1	.1	.1	5.8	5.4	6.5	20.6	20.5	22.1
39	Newark ⁷	784.1	779.7	797.2	.7	.7	.7	33.8	31.3	32.1	234.4	235.1	252.1
40	Paterson-Clifton-Passaic ⁷	499.5	497.8	508.0	.2	.2	.3	22.1	19.8	21.4	174.6	178.2	189.4
41	Perth Amboy ⁷	277.9	279.2	279.1	.9	.9	1.0	12.6	11.7	12.8	109.6	113.0	116.7
42	Trenton	134.0	133.6	133.4	(1)	(1)	(1)	4.3	3.9	4.0	38.3	38.8	40.1
43	NEW MEXICO	291.1	289.3	289.3	16.5	16.4	16.7	16.3	15.6	16.6	20.9	21.0	20.8
44	Albuquerque	109.7	109.0	107.1	(1)	(1)	(1)	7.3	7.1	6.8	9.0	9.0	9.2
45	NEW YORK	(*)	7,047.9	7,192.8	(*)	7.8	7.9	(*)	232.4	260.0	(*)	1,682.9	1,798.5
46	Albany-Schenectady-Troy	280.1	276.8	279.2	(1)	(1)	(1)	13.0	11.4	13.8	60.7	60.9	62.8
47	Binghamton	101.4	100.6	105.8	(1)	(1)	(1)	3.8	3.4	4.2	39.3	39.3	43.8
48	Buffalo	487.4	484.3	500.3	(1)	(1)	(1)	17.5	15.2	18.1	162.3	163.0	174.8
49	Elmira	36.8	36.6	38.2	(1)	(1)	(1)	1.4	1.1	1.8	14.3	14.5	15.5
50	Monroe County ⁸	298.5	297.8	307.4	(1)	(1)	(1)	13.5	12.8	12.8	122.1	122.3	132.8
51	Nassau and Suffolk Counties ⁹	729.8	723.0	725.5	(1)	(1)	(1)	39.8	34.8	37.6	140.5	142.7	158.8
52	New York-Northeastern New Jersey	(*)	6,607.4	6,724.4	(*)	4.3	4.6	(*)	228.3	242.0	(*)	1,599.8	1,699.4
53	New York SMSA ⁷	(*)	4,802.0	4,881.1	(*)	2.5	2.6	(*)	159.1	168.7	(*)	972.3	1,032.3
54	New York City ⁹	(*)	3,711.0	3,785.4	(*)	1.9	1.9	(*)	103.3	108.6	(*)	740.2	780.6
55	Rochester	338.5	337.4	347.4	(1)	(1)	(1)	14.5	13.6	13.7	134.4	134.7	145.4
56	Rockland County ⁹	63.2	62.3	61.8	(1)	(1)	(1)	3.7	3.0	3.4	14.4	14.5	15.4
57	Syracuse	222.8	219.8	224.9	(1)	(1)	(1)	9.0	8.1	8.8	59.3	58.5	65.1
58	Utica-Rome	111.3	110.2	115.0	(1)	(1)	(1)	3.6	2.9	3.3	38.5	38.3	41.2
59	Westchester County ⁹	307.7	306.0	308.3	(1)	(1)	(1)	20.1	18.0	19.1	73.1	74.4	77.5

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			
Apr. 1971P	Mar. 1971	Apr. 1970	Apr. 1971P	Mar. 1971	Apr. 1970	Apr. 1971P	Mar. 1971	Apr. 1970	Apr. 1971P	Mar. 1971	Apr. 1970	Apr. 1971P	Mar. 1971	Apr. 1970	
144.9	143.9	143.1	581.4	571.5	582.0	115.2	115.1	114.7	407.8	411.4	408.3	535.7	537.2	524.9	1
2.7	2.7	2.7	13.6	13.5	13.5	2.3	2.3	2.2	10.7	10.4	11.0	40.1	40.4	39.1	2
2.7	2.7	2.6	9.3	9.3	9.2	3.3	3.2	3.3	8.0	7.9	7.8	10.8	10.8	10.8	3
1.6	1.6	1.7	7.0	7.0	6.9	.8	.8	.8	3.8	3.9	3.7	5.1	5.1	5.0	4
78.7	79.1	77.4	289.7	285.7	292.8	67.6	67.6	67.5	216.6	215.6	221.1	216.9	217.6	215.1	5
4.8	4.6	4.6	22.3	22.0	24.1	4.1	4.1	4.1	16.8	16.5	17.5	25.6	25.6	27.5	6
9.1	9.1	9.1	44.5	44.2	43.9	7.0	7.0	7.1	26.8	26.8	26.4	21.9	22.1	20.5	7
4.3	4.3	4.3	8.5	8.5	8.4	1.3	1.3	1.3	5.3	5.3	5.1	7.9	7.8	7.8	8
2.4	2.4	2.4	14.0	13.8	13.7	2.2	2.2	2.3	9.0	9.0	9.0	15.1	15.3	15.0	9
3.4	3.4	3.5	21.0	20.1	21.4	5.9	5.9	5.8	14.0	14.1	16.1	44.3	44.5	46.5	10
2.6	2.6	2.6	8.5	8.5	7.8	1.3	1.3	1.3	5.7	5.7	5.5	6.8	6.8	7.0	11
3.6	3.5	4.0	13.9	13.8	13.8	2.7	2.7	2.6	9.0	9.0	8.9	9.8	9.7	9.5	12
87.2	86.0	88.0	308.7	307.5	311.6	64.1	64.1	63.7	215.2	214.5	213.1	238.4	237.7	232.6	13
7.1	6.2	6.8	12.9	12.7	13.1	1.9	1.9	1.9	10.8	10.8	10.6	10.6	10.6	10.4	14
57.3	56.4	57.1	185.3	185.5	190.1	47.7	47.7	47.2	142.9	143.2	141.0	110.8	110.7	107.7	15
29.5	29.6	29.5	106.8	105.7	105.1	21.3	21.3	20.9	67.7	67.4	66.5	135.5	135.2	133.3	16
6.0	6.0	5.9	22.6	22.2	21.5	7.1	7.1	7.0	16.6	16.6	16.2	22.1	22.1	21.5	17
121.3	121.2	119.1	364.9	363.6	371.3	89.8	89.3	88.1	258.2	257.1	259.9	289.3	287.5	291.6	18
50.0	49.9	51.0	125.8	124.1	124.0	32.7	32.6	32.2	83.4	82.5	80.1	75.5	74.8	73.0	19
2.0	2.0	2.1	7.7	7.7	7.7	1.4	1.4	1.3	4.8	4.8	4.8	4.8	4.8	4.8	20
65.0	65.2	61.2	191.0	187.9	187.2	47.2	46.8	46.4	152.4	152.0	152.1	129.0	127.7	127.1	21
4.6	4.5	4.3	14.0	13.9	13.7	2.2	2.2	2.2	9.2	9.3	9.3	8.2	8.2	8.3	22
17.0	16.9	16.8	48.3	47.1	46.8	8.2	8.2	7.9	32.9	32.6	32.8	53.0	53.1	52.2	23
2.5	2.5	2.6	9.1	8.9	8.9	1.5	1.5	1.5	5.8	5.7	5.7	5.4	5.4	5.2	24
2.1	2.1	2.0	6.4	6.4	6.1	1.5	1.5	1.4	4.8	4.7	4.9	5.2	5.2	5.1	25
36.2	36.0	36.3	122.2	120.4	119.5	29.9	29.9	28.8	83.8	83.4	82.5	105.6	106.2	102.4	26
4.9	4.9	5.0	14.8	14.8	14.9	5.6	5.6	5.3	11.4	11.4	11.2	21.3	21.8	20.9	27
20.2	20.1	20.1	54.9	53.7	52.4	17.1	17.2	16.5	38.3	37.9	37.7	32.1	32.1	29.9	28
14.1	14.1	13.4	40.2	39.3	37.9	8.0	8.0	7.9	79.3	77.8	78.1	38.1	38.2	37.2	29
7.5	7.5	7.0	22.2	21.9	20.6	4.2	4.2	4.1	50.9	50.9	51.2	16.2	16.3	16.5	30
4.8	4.8	4.5	12.8	12.5	12.0	3.1	3.1	3.0	20.0	18.7	18.0	10.7	10.7	10.2	31
11.9	12.1	11.5	50.7	50.0	49.3	11.6	11.5	11.0	41.1	40.5	40.0	38.1	38.8	35.9	32
3.5	3.5	3.5	11.3	11.3	11.5	3.3	3.3	3.1	8.0	7.9	8.1	4.1	4.2	3.9	33
178.4	178.7	181.4	537.6	531.5	526.5	120.5	119.0	115.2	414.5	406.2	408.2	380.3	379.8	375.7	34
3.4	3.4	3.5	15.7	14.6	15.5	2.9	3.0	2.9	13.7	12.5	14.3	11.1	11.1	10.6	35
12.9	13.0	13.0	62.7	61.6	58.1	9.7	9.6	9.1	39.2	37.4	38.1	48.1	48.2	46.4	36
34.6	34.6	35.1	40.9	40.5	39.6	8.2	8.2	8.3	30.4	30.4	30.8	29.7	29.8	30.2	37
6.1	6.2	6.1	28.0	27.1	25.7	4.3	4.3	4.2	24.8	24.3	25.3	27.7	27.6	27.6	38
63.6	63.7	64.6	152.7	151.9	151.7	56.6	56.2	53.8	137.0	135.4	135.6	105.3	105.4	106.6	39
27.2	27.2	27.3	124.4	124.1	121.5	19.5	19.1	18.4	77.8	75.4	77.6	53.7	53.8	52.1	40
14.6	14.8	14.7	56.3	55.5	53.2	6.3	6.3	5.9	31.6	31.3	30.5	46.0	45.7	44.3	41
6.4	6.5	6.6	20.3	20.3	20.2	5.3	5.3	5.3	30.1	29.7	29.0	29.3	29.1	28.2	42
20.1	20.1	19.8	60.9	60.5	60.2	12.6	12.5	12.4	52.7	52.4	52.1	91.1	90.8	90.7	43
7.0	6.9	6.6	26.8	26.6	25.7	6.7	6.6	6.3	25.2	25.2	25.3	27.7	27.6	27.2	44
(*)	499.4	502.0	(*)	1,433.1	1,442.5	(*)	596.7	601.3	(*)	1,360.6	1,359.4	(*)	1,235.1	1,221.1	45
16.1	16.0	15.9	56.0	55.1	54.5	11.2	10.9	11.0	48.3	47.4	46.8	74.8	74.9	74.3	46
4.6	4.5	4.8	17.9	17.6	17.9	3.2	3.2	3.2	12.0	11.9	12.1	20.7	20.7	19.9	47
31.1	30.3	32.2	99.6	98.8	101.6	19.5	19.5	19.3	76.4	76.0	74.9	80.8	81.6	79.3	48
1.5	1.5	1.5	7.5	7.4	7.5	1.0	1.0	1.0	5.7	5.6	5.6	5.5	5.5	5.3	49
10.5	10.6	10.9	53.9	54.3	55.0	11.3	11.3	11.4	51.8	51.1	49.5	35.3	35.4	35.0	50
34.6	35.7	33.0	192.5	190.4	189.2	34.3	33.8	32.5	139.4	136.2	130.4	148.7	149.2	144.1	51
(*)	521.4	523.1	(*)	1,371.6	1,377.0	(*)	599.5	602.0	(*)	1,270.6	1,274.3	(*)	1,011.9	1,002.0	52
(*)	381.3	381.4	(*)	1,000.1	1,011.0	(*)	509.9	515.6	(*)	998.7	1,000.6	(*)	778.2	768.9	53
(*)	322.5	325.7	(*)	727.0	739.6	(*)	460.2	467.0	(*)	789.1	796.9	(*)	566.8	565.1	54
12.1	12.2	12.5	61.5	61.7	62.5	12.1	12.0	12.1	56.4	55.6	54.0	47.5	47.7	47.1	55
3.4	3.4	3.4	13.3	13.1	12.3	2.0	2.0	1.9	10.1	9.7	10.0	16.3	16.6	15.4	56
14.0	13.8	14.1	49.4	48.8	49.0	12.7	12.5	12.0	38.2	38.0	36.8	40.2	40.2	39.2	57
4.6	4.6	5.4	18.9	18.7	19.1	4.7	4.7	4.6	14.7	14.5	14.3	26.3	26.5	27.1	58
19.2	19.7	19.3	69.6	69.5	69.9	14.1	13.9	14.2	65.7	64.3	64.1	45.9	46.2	44.3	59

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970
1	NORTH CAROLINA⁵	1,768.9	1,767.1	1,774.0	3.8	3.8	3.9	90.8	90.1	97.1	700.6	700.1	714.4
2	Asheville ⁵	-	-	-	-	-	-	-	-	-	19.1	18.9	20.2
3	Charlotte	180.2	180.0	180.9	(1)	(1)	(1)	11.4	11.0	12.6	42.0	42.1	42.9
4	Greensboro-Winston-Salem-High Point	262.3	260.0	264.3	(1)	(1)	(1)	14.1	14.0	14.1	109.9	107.8	112.1
5	Raleigh ⁵	-	-	-	-	-	-	-	-	-	13.4	13.4	14.4
6	NORTH DAKOTA	164.5	161.7	157.7	1.6	1.6	1.4	10.3	8.0	6.7	9.4	9.4	9.7
7	Fargo-Moorhead	42.7	42.2	41.2	.1	.1	.1	2.7	2.4	2.3	2.9	2.8	2.8
8	OHIO	3,850.5	3,823.2	3,894.7	21.2	21.2	20.1	147.8	136.6	160.5	1,343.3	1,344.8	1,431.4
9	Akron	245.3	243.9	246.8	.2	.2	.3	7.7	7.0	8.6	92.5	94.0	99.6
10	Canton	136.3	132.7	135.8	.4	.4	.4	4.7	4.4	5.3	59.8	57.3	60.3
11	Cincinnati	506.4	505.6	510.7	.4	.4	.4	19.5	17.9	20.3	161.0	163.2	173.3
12	Cleveland	844.4	838.5	861.3	1.4	1.4	1.5	33.8	32.0	36.2	276.1	277.1	304.4
13	Columbus	379.0	375.2	377.4	.5	.7	.7	16.1	14.8	16.7	85.9	86.3	91.8
14	Dayton	320.9	320.1	334.3	.5	.5	.5	11.1	10.1	11.4	114.2	115.4	130.6
15	Toledo	243.5	241.4	243.7	.3	.3	.3	8.5	7.9	9.6	77.8	78.0	81.8
16	Youngstown-Warren	203.0	201.2	195.7	.3	.3	.3	7.5	7.2	8.7	90.8	90.3	86.2
17	OKLAHOMA	771.9	769.5	767.1	37.2	37.0	38.9	39.2	38.5	36.3	131.8	131.7	133.5
18	Oklahoma City	260.1	259.1	253.7	6.7	6.7	7.0	14.0	13.2	13.2	37.4	37.8	37.4
19	Tulsa	175.7	175.0	178.7	13.5	13.4	13.3	8.0	7.9	8.5	39.3	39.4	42.3
20	OREGON	713.1	709.0	700.6	1.3	1.2	1.3	27.6	27.1	27.7	165.9	165.6	166.7
21	Eugene	69.1	68.7	70.2	(1)	(1)	(1)	2.7	2.6	2.6	18.3	18.0	17.6
22	Portland	383.1	382.1	379.0	(1)	(1)	(1)	16.3	16.4	16.8	81.9	83.0	85.6
23	Salem	(*)	52.6	52.4	(*)	(1)	(1)	(*)	1.8	2.3	(*)	8.1	8.4
24	PENNSYLVANIA	4,285.2	4,251.1	4,363.7	40.8	40.6	39.2	189.8	173.6	188.9	1,446.5	1,447.8	1,549.1
25	Allentown-Bethlehem-Easton	212.9	211.6	218.1	.5	.5	.5	7.2	6.6	7.7	100.1	100.6	106.0
26	Altoona	47.7	47.0	48.7	(1)	(1)	(1)	1.8	1.5	2.0	15.2	15.1	16.1
27	Delaware Valley ⁶	1,501.5	1,503.2	1,555.7	1.4	1.4	1.3	75.0	71.4	71.2	442.4	445.9	485.0
28	Erie	95.9	95.6	98.9	(1)	(1)	(1)	3.5	3.1	3.6	41.8	41.6	43.7
29	Harrisburg	176.1	174.6	176.3	(1)	(1)	(1)	7.7	7.5	8.1	38.7	38.6	40.1
30	Johnstown	78.2	77.2	78.5	5.6	5.6	5.1	2.7	2.3	2.6	24.7	24.4	25.9
31	Lancaster	121.8	119.8	120.9	(1)	(1)	(1)	6.4	6.1	6.1	52.2	52.4	55.5
32	Philadelphia	1,758.5	1,756.0	1,810.1	1.6	1.5	1.5	88.8	82.6	85.0	512.7	517.3	560.8
33	Pittsburgh	873.4	859.6	874.7	9.7	9.5	8.8	41.5	37.9	41.4	271.3	268.4	281.5
34	Reading	124.2	123.3	125.8	(1)	(1)	(1)	4.4	4.1	4.2	55.5	55.5	59.0
35	Scranton	83.6	83.3	86.9	.4	.4	.4	2.5	2.1	2.6	31.8	32.1	35.1
36	Wilkes-Barre-Hazleton	123.9	121.5	123.7	1.8	1.8	1.9	5.5	5.0	4.8	53.4	52.7	53.7
37	York	132.3	132.3	132.0	(1)	(1)	(1)	9.1	8.7	9.1	58.2	58.8	60.7
38	RHODE ISLAND	333.4	331.2	340.5	(1)	(1)	(1)	13.7	12.8	14.9	114.2	115.0	122.5
39	Providence-Pawtucket-Warwick	346.4	343.6	353.1	(1)	(1)	(1)	14.0	13.1	15.3	131.4	131.6	139.4
40	SOUTH CAROLINA	845.5	837.5	841.2	1.7	1.7	1.7	52.6	49.7	50.8	331.4	330.6	342.1
41	Charleston	87.2	86.6	89.2	(1)	(1)	(1)	4.8	4.5	5.9	14.5	14.7	16.0
42	Columbia	112.1	111.8	111.7	(1)	(1)	(1)	8.0	7.6	7.5	19.3	19.4	21.0
43	Greenville	120.9	121.0	123.1	(1)	(1)	(1)	8.9	8.8	9.2	52.7	52.9	55.4
44	SOUTH DAKOTA	177.2	173.7	175.4	2.2	2.0	2.2	6.7	5.1	6.1	15.6	15.5	15.5
45	Sioux Falls	34.8	34.3	34.1	(1)	(1)	(1)	1.6	1.3	1.4	5.9	5.9	5.9
46	TENNESSEE	1,344.5	1,338.5	1,323.0	7.2	7.1	7.0	68.1	66.0	60.4	459.5	459.9	468.0
47	Chattanooga	129.1	129.1	128.3	.2	.2	.2	5.7	5.4	5.7	52.3	52.0	53.4
48	Knoxville	145.1	145.2	147.8	1.9	1.9	1.7	7.1	7.5	7.5	47.0	47.2	49.4
49	Memphis	276.1	274.1	268.3	.3	.2	.3	16.3	15.8	8.6	57.6	57.7	61.0
50	Nashville	221.5	221.3	221.3	(1)	(1)	(1)	13.2	12.8	12.7	59.1	59.3	62.1
51	TEXAS	3,634.0	3,614.9	3,649.0	103.2	102.9	104.0	208.8	210.9	224.9	706.2	705.8	753.2
52	Amarillo	-	-	-	-	-	-	-	-	-	7.4	7.3	7.0
53	Austin	120.3	119.7	113.5	(1)	(1)	(1)	8.3	8.2	8.1	11.7	11.6	11.4
54	Beaumont-Port Arthur-Orange	105.6	106.0	108.6	(1)	(1)	(1)	6.3	7.4	8.6	36.7	35.9	36.8
55	Corpus Christi	-	-	-	-	-	-	-	-	-	11.3	11.4	11.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	
92.8	93.4	91.6	320.4	319.9	319.2	69.8	69.7	68.6	212.4	211.9	207.8	278.3	278.2	271.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.8	18.9	18.5	46.7	46.7	48.0	13.3	13.3	12.9	26.1	26.1	25.2	21.9	21.9	20.8	3
16.3	16.4	15.8	47.5	47.5	47.9	12.9	12.9	12.7	31.6	31.5	31.5	30.0	29.9	30.2	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
11.9	11.7	11.9	44.2	43.9	42.9	7.2	7.2	7.0	29.2	29.2	29.0	50.7	50.6	49.2	6
3.0	2.9	3.0	12.5	12.4	12.3	2.5	2.5	2.3	8.6	8.5	8.6	10.6	10.6	9.7	7
227.6	225.7	213.2	775.5	768.8	767.0	161.0	160.3	155.7	589.7	580.2	571.3	584.3	585.7	575.6	8
14.4	14.4	12.1	47.7	47.3	48.0	7.3	7.3	6.8	37.0	35.4	34.7	38.6	38.4	36.8	9
7.0	7.0	7.0	25.5	25.3	25.6	4.9	4.9	4.6	20.9	20.2	19.7	13.2	13.2	12.9	10
36.7	36.9	35.3	107.4	106.7	106.0	27.0	26.9	26.1	82.1	80.4	78.2	72.2	73.2	71.1	11
52.8	51.9	47.2	183.0	181.9	181.0	43.3	43.0	41.6	143.5	141.0	137.8	110.6	110.2	111.7	12
21.4	21.4	20.4	79.7	78.7	78.2	25.5	25.4	24.9	67.9	66.3	64.1	81.9	81.6	80.7	13
12.7	12.7	12.4	61.4	60.8	61.1	10.2	10.1	9.5	50.6	49.8	48.9	60.3	60.6	60.0	14
17.4	17.0	16.2	52.9	52.2	52.5	8.3	8.2	8.0	41.2	40.5	39.3	37.0	37.2	36.1	15
10.3	10.3	9.7	38.0	37.8	37.3	5.9	5.9	5.5	28.9	28.1	27.0	21.3	21.4	21.0	16
51.6	51.8	50.0	168.0	167.1	166.1	37.1	37.1	36.7	118.2	117.9	115.5	188.8	188.4	190.1	17
17.1	17.1	14.7	57.7	57.3	57.1	15.7	15.7	15.4	39.3	39.0	37.6	72.2	72.3	71.3	18
15.0	15.0	15.8	40.6	40.3	40.2	9.4	9.4	9.4	31.4	31.1	30.5	18.5	18.5	18.7	19
47.4	47.0	47.9	164.2	162.8	158.6	36.4	36.2	36.0	118.7	117.7	115.0	151.6	151.4	147.4	20
4.0	4.0	4.1	14.1	14.1	14.4	3.0	3.0	2.9	10.3	10.2	12.2	16.7	16.8	16.4	21
29.7	29.3	29.9	93.7	93.0	91.5	25.0	24.9	24.8	71.4	70.6	67.7	65.1	64.9	62.7	22
(*)	2.0	1.8	(*)	10.8	10.9	(*)	3.2	3.0	(*)	7.8	7.8	(*)	18.9	18.2	23
263.4	261.8	263.1	824.5	819.4	819.9	192.6	192.1	188.3	691.5	679.8	684.1	636.1	636.0	631.1	24
12.5	12.5	12.1	35.3	34.9	35.8	7.2	7.2	6.8	29.3	28.7	28.4	20.8	20.6	20.8	25
7.5	7.5	7.5	8.5	8.4	8.6	1.2	1.2	1.2	7.1	7.0	7.0	6.4	6.3	6.3	26
88.2	88.9	91.5	301.1	300.4	310.3	92.1	92.1	92.3	280.7	280.7	281.7	220.6	222.4	222.4	27
5.3	5.2	5.5	17.5	17.4	17.8	3.4	3.4	3.3	13.8	13.4	13.3	10.6	11.5	11.7	28
14.1	14.0	14.0	35.2	34.6	34.5	9.3	9.2	8.8	26.3	26.0	26.0	44.8	44.7	44.8	29
4.8	4.9	4.8	13.1	12.7	13.3	2.1	2.1	2.0	12.2	12.2	11.9	13.0	13.0	12.9	30
5.6	5.4	5.5	24.1	23.5	22.6	2.9	2.9	2.8	19.2	18.2	17.6	11.4	11.3	10.8	31
101.2	101.9	104.4	363.8	362.1	368.4	101.8	101.9	101.4	319.9	318.1	319.8	268.7	270.6	268.8	32
59.2	58.0	58.0	178.5	175.9	175.2	37.9	38.0	37.8	160.7	157.7	159.5	114.6	114.2	112.5	33
6.7	6.7	6.6	20.9	20.9	20.2	4.7	4.7	4.7	17.1	16.7	16.8	14.9	14.7	14.3	34
4.8	4.8	4.9	16.9	16.8	16.8	2.6	2.6	2.6	14.6	14.4	14.4	10.0	10.1	10.1	35
6.7	6.7	6.8	20.9	20.4	20.8	4.3	4.3	4.2	15.6	15.0	15.7	15.7	15.6	15.8	36
6.0	5.9	5.8	25.7	25.3	24.2	3.1	3.2	2.9	15.6	15.7	15.0	14.6	14.7	14.3	37
15.6	15.5	15.6	68.1	67.1	64.4	15.8	15.7	15.6	54.4	53.6	54.8	51.6	51.5	52.7	38
15.2	15.1	15.1	68.8	67.8	65.1	15.8	15.7	15.5	53.4	52.7	53.9	47.8	47.6	48.8	39
37.4	37.3	36.8	145.5	142.0	139.9	30.9	30.6	29.4	91.7	91.3	88.6	154.3	154.3	151.9	40
5.9	5.8	5.8	17.7	17.5	17.5	3.5	3.5	3.6	10.5	10.3	10.6	30.3	30.3	29.8	41
7.2	7.2	7.1	22.7	22.7	23.1	7.4	7.4	7.0	15.7	15.7	15.2	31.8	31.8	30.8	42
4.5	4.5	4.7	21.8	21.7	21.3	4.9	4.9	4.8	14.2	14.2	14.3	13.9	14.0	13.4	43
10.2	10.2	10.2	44.7	43.6	45.1	7.6	7.5	7.3	32.6	32.4	32.0	57.6	57.4	57.0	44
3.1	2.9	3.1	10.6	10.5	10.4	2.0	2.0	2.0	6.8	6.8	6.7	4.8	4.9	4.6	45
67.2	67.0	65.6	259.8	259.6	255.1	58.5	58.3	57.2	186.9	184.2	183.6	237.3	236.4	226.1	46
6.4	6.4	6.6	23.8	23.8	24.2	7.5	7.4	7.1	16.5	16.3	15.9	16.7	16.6	15.2	47
6.2	6.1	6.6	29.8	29.6	30.5	5.1	5.0	5.0	18.3	18.3	18.5	29.7	29.6	28.6	48
19.7	19.6	19.2	68.7	69.0	68.5	15.6	15.6	15.0	45.3	44.7	45.1	52.6	51.5	50.6	49
13.6	13.6	13.6	48.2	48.5	47.6	15.1	15.0	14.6	37.0	36.9	37.1	35.3	35.2	33.6	50
252.3	253.2	253.5	886.8	876.4	862.4	196.7	194.5	189.9	596.4	587.2	585.4	683.6	684.0	675.7	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
3.8	3.7	3.3	23.9	24.1	22.4	5.8	5.8	5.7	15.7	15.9	15.3	51.1	50.4	47.3	53
8.7	8.9	9.3	21.2	21.1	21.4	3.9	3.9	3.8	15.5	15.5	15.3	13.3	13.3	13.4	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970	Apr. 1971 ^p	Mar. 1971	Apr. 1970
	TEXAS (continued)												
1	Dallas	647.4	645.1	659.8	7.7	7.7	7.9	36.4	36.4	37.8	139.9	139.6	164.1
2	El Paso	103.4	103.1	103.3	-	-	-	5.1	4.8	5.5	24.3	24.2	22.9
3	Fort Worth	257.5	258.0	272.1	1.7	1.7	1.7	11.9	11.7	11.4	75.9	77.1	91.8
4	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.5	11.4	11.7
5	Houston	781.8	776.8	766.4	28.6	28.6	28.2	64.7	65.2	68.0	144.6	144.3	148.7
6	Lubbock	-	-	-	-	-	-	-	-	-	7.3	7.1	7.5
7	San Antonio	260.8	258.3	261.9	1.3	1.3	1.5	13.0	12.4	13.0	33.5	33.2	35.5
8	Waco	-	-	-	-	-	-	-	-	-	11.2	11.2	11.9
9	Wichita Falls	-	-	-	-	-	-	-	-	-	4.6	4.6	4.5
10	UTAH	(*)	362.2	356.0	(*)	12.5	12.2	(*)	14.2	13.4	(*)	53.6	53.2
11	Salt Lake City	(*)	193.4	187.9	(*)	7.5	7.5	(*)	8.1	7.8	(*)	28.7	29.2
12	VERMONT	146.5	146.7	147.2	1.0	.9	1.0	8.7	7.6	9.1	38.2	38.2	42.2
13	Burlington ¹⁰	38.0	37.7	37.6	-	-	-	-	-	-	9.8	9.9	10.8
14	Springfield ¹⁰	11.7	12.1	13.3	-	-	-	-	-	-	5.1	5.3	6.6
15	VIRGINIA ³	1,476.5	1,462.5	1,456.6	16.2	15.8	15.2	96.0	91.1	94.3	356.5	355.4	363.2
16	Lynchburg	53.3	52.8	53.1	(1)	(1)	(1)	2.7	2.5	2.9	24.1	24.1	24.8
17	Newport News-Hampton	95.5	94.9	95.3	(1)	(1)	(1)	5.2	4.9	4.8	24.9	24.6	25.9
18	Norfolk-Portsmouth	199.0	198.1	199.2	(1)	(1)	(1)	13.9	13.7	13.8	18.7	18.7	20.1
19	Northern Virginia ¹¹	274.9	273.0	258.9	.3	.3	.3	20.2	19.5	20.6	8.9	8.8	9.4
20	Richmond	240.3	239.6	238.2	.2	.2	.2	15.4	15.1	15.1	49.4	49.8	51.9
21	Roanoke	83.4	82.7	81.5	.1	.1	.1	4.7	4.3	4.7	19.6	19.7	19.5
22	WASHINGTON	1,042.4	1,038.4	1,085.0	1.6	1.6	1.6	48.3	44.8	52.1	210.1	210.6	241.9
23	Seattle-Everett	485.2	488.0	525.4	(1)	(1)	(1)	20.2	19.8	25.1	106.1	107.8	132.9
24	Spokane	90.6	89.6	89.8	(1)	(1)	(1)	5.5	4.9	4.8	12.2	12.1	12.6
25	Tacoma	104.3	105.0	105.0	(1)	(1)	(1)	4.3	4.0	5.3	19.4	20.3	18.5
26	WEST VIRGINIA	516.3	511.2	508.2	51.8	51.4	48.5	28.7	26.4	21.1	122.7	121.7	127.1
27	Charleston	84.5	84.4	82.3	4.1	4.1	3.7	5.7	5.4	3.4	15.8	15.9	16.9
28	Huntington-Ashland	83.6	83.6	83.8	.6	.6	.6	4.3	4.1	3.9	26.3	26.7	27.1
29	Wheeling	59.8	59.6	57.1	5.3	5.3	4.6	3.7	3.6	1.8	15.5	15.4	15.7
30	WISCONSIN	1,513.8	1,497.0	1,514.7	2.2	1.8	2.4	52.8	50.9	56.4	472.0	465.9	497.6
31	Green Bay	54.4	54.0	53.8	(1)	(1)	(1)	2.4	2.2	2.2	16.3	16.3	16.5
32	Kenosha	35.4	35.2	35.4	(1)	(1)	(1)	1.0	1.0	1.1	15.5	15.6	16.4
33	La Crosse	30.6	30.1	29.9	(1)	(1)	(1)	1.0	.9	1.0	8.3	8.1	8.6
34	Madison	122.6	121.8	120.4	(1)	(1)	(1)	5.9	5.6	5.1	15.6	15.5	16.2
35	Milwaukee	557.4	555.6	561.1	(1)	(1)	(1)	17.4	16.9	19.7	191.3	190.2	201.5
36	Racine	53.3	53.4	56.1	(1)	(1)	(1)	1.5	1.5	1.8	23.0	22.9	25.7
37	WYOMING	105.9	102.8	103.4	10.7	10.6	11.0	6.7	5.7	5.9	6.2	6.2	6.6
38	Casper	19.0	18.7	18.9	3.2	3.2	3.2	1.2	1.0	1.0	1.6	1.6	1.5
39	Cheyenne	18.8	18.2	18.0	(1)	(1)	(1)	.8	.7	.8	1.2	1.2	1.1

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 the District of Columbia.
4 Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
5 Revised to 1970 benchmark; not strictly comparable with previously published data.
6 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
7 Area included in New York-Northeastern New Jersey Standard Consolidated Area.
8 Subarea of Rochester Standard Metropolitan Statistical Area.
9 Subarea of New York Standard Metropolitan Statistical Area.
10 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
11 Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

* Not available.
p = preliminary.
SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	
52.2	52.2	51.9	172.8	171.5	171.3	56.5	55.8	53.6	105.7	105.3	101.9	76.2	76.6	71.3	1
8.2	8.3	8.4	24.6	24.6	25.4	4.5	4.5	4.5	14.7	14.4	14.2	22.0	22.3	22.4	2
15.3	15.4	15.3	61.0	61.1	61.0	12.6	12.6	12.6	42.6	41.7	42.2	36.5	36.7	36.1	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
63.9	63.5	63.1	190.6	189.0	186.3	43.5	43.0	40.7	147.4	144.9	138.6	98.5	98.3	92.8	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.4	11.3	11.5	62.4	61.6	62.5	17.0	16.8	16.1	44.8	44.2	44.5	77.4	77.5	77.3	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
(*)	23.0	22.4	(*)	78.8	77.6	(*)	15.4	14.8	(*)	60.1	58.4	(*)	104.7	104.0	10
(*)	15.9	14.8	(*)	51.3	49.1	(*)	11.6	11.3	(*)	33.4	31.9	(*)	37.0	36.3	11
8.2	8.2	7.9	29.0	28.5	27.6	5.8	5.8	5.5	28.8	30.6	27.8	26.9	27.1	26.2	12
2.0	2.0	1.9	7.9	7.8	7.3	-	-	-	7.2	7.1	6.9	-	-	-	13
.7	.7	.8	2.0	2.0	2.0	-	-	-	1.8	2.1	1.7	-	-	-	14
97.5	97.4	96.2	305.6	303.7	298.5	68.9	68.0	67.1	225.5	222.0	219.1	310.3	309.1	303.0	15
2.6	2.6	2.5	8.9	8.8	8.5	2.2	2.2	2.1	7.0	6.8	6.5	5.8	5.8	5.8	16
4.2	4.3	4.2	16.0	16.0	15.8	2.8	2.8	2.9	13.1	13.0	12.6	29.3	29.3	29.1	17
16.1	16.0	16.6	47.8	47.7	47.1	9.6	9.6	9.4	31.6	31.3	30.7	61.3	61.1	61.5	18
21.2	21.2	19.9	63.2	62.7	60.7	15.7	15.5	15.6	49.6	49.2	49.5	95.8	95.8	82.9	19
18.3	18.4	18.0	53.8	53.4	53.3	18.9	18.8	18.4	36.3	36.2	35.2	48.0	47.7	46.1	20
10.9	10.9	11.2	19.2	19.1	18.5	4.1	4.0	4.2	14.0	14.0	13.2	10.8	10.6	10.1	21
70.4	70.5	71.7	229.6	228.0	239.3	57.2	56.9	58.8	170.3	169.4	171.2	254.9	256.6	248.4	22
37.9	37.7	39.2	109.2	109.4	116.9	34.5	34.5	35.4	81.3	81.5	82.2	96.0	97.3	93.7	23
7.3	7.3	7.2	22.5	22.3	23.0	5.4	5.4	5.2	19.1	19.0	18.9	18.6	18.6	18.1	24
6.4	6.3	6.6	22.4	22.3	22.8	6.2	6.2	6.1	18.9	19.0	18.6	26.7	26.9	27.1	25
41.4	41.2	41.0	91.1	90.5	90.1	16.0	15.9	15.6	67.6	67.4	67.4	97.0	96.6	97.5	26
9.0	9.0	8.8	19.2	19.2	18.8	4.0	4.0	3.9	13.0	13.0	13.0	13.6	13.8	13.9	27
8.3	8.2	8.2	17.9	17.9	17.8	2.9	2.9	2.9	10.5	10.5	10.7	12.7	12.7	12.6	28
3.9	3.9	3.8	12.6	12.6	12.4	2.2	2.2	2.1	10.1	10.1	9.8	6.6	6.6	6.8	29
80.4	80.0	78.2	334.4	328.9	325.4	62.4	61.8	60.6	237.2	235.1	227.9	272.4	272.8	266.2	30
4.5	4.5	4.3	13.8	13.6	13.8	1.5	1.4	1.4	8.5	8.4	8.4	7.5	7.6	7.1	31
1.2	1.2	1.2	6.9	6.7	6.4	.7	.7	.7	5.0	5.0	4.9	5.0	5.0	4.7	32
2.2	2.2	1.9	7.7	7.6	7.4	.6	.6	.6	6.2	6.0	5.8	4.7	4.7	4.6	33
5.7	5.8	5.4	24.7	24.6	24.1	6.5	6.4	6.2	18.9	18.6	17.8	45.4	45.3	45.6	34
30.9	30.9	29.9	123.5	122.5	120.1	29.2	29.1	28.5	91.4	91.1	90.3	73.7	74.9	71.2	35
2.0	2.0	2.0	9.7	9.9	9.7	1.4	1.4	1.4	8.2	8.1	8.0	7.6	7.6	7.5	36
10.8	10.6	10.5	22.3	21.1	22.3	3.7	3.7	3.7	15.6	15.1	14.6	29.9	29.8	28.8	37
1.5	1.5	1.6	4.6	4.6	4.6	.8	.8	.8	2.3	2.2	2.4	3.8	3.8	3.8	38
2.3	2.3	2.4	4.5	4.2	3.8	1.0	1.0	1.0	3.3	3.1	3.2	5.7	5.7	5.7	39

Advertisement on page 70 omitted.

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

C-1: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, 1947 to date

Year and month	Average			Average			Average			Average		
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings
	Total private ¹			Mining			Contract construction			Manufacturing		
1947.....	\$45.58	40.3	\$1.131	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$49.17	40.4	\$1.217
1948.....	49.00	40.0	1.225	65.56	39.4	1.664	65.27	38.1	1.713	53.12	40.0	1.328
1949.....	50.24	39.4	1.275	62.33	36.3	1.717	67.56	37.7	1.792	53.88	39.1	1.378
1950.....	53.13	39.8	1.335	67.16	37.9	1.772	69.68	37.4	1.863	58.32	40.5	1.440
1951.....	57.86	39.9	1.45	74.11	38.4	1.93	76.96	38.1	2.02	63.34	40.6	1.56
1952.....	60.65	39.9	1.52	77.59	38.6	2.01	82.86	38.9	2.13	67.16	40.7	1.65
1953.....	63.76	39.6	1.61	83.03	38.8	2.14	86.41	37.9	2.28	70.47	40.5	1.74
1954.....	64.52	39.1	1.65	82.60	38.6	2.14	88.91	37.2	2.39	70.49	39.6	1.78
1955.....	67.72	39.6	1.71	89.54	40.7	2.20	90.90	37.1	2.45	75.70	40.7	1.86
1956.....	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95
1957.....	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05
1958.....	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11
1959 ²	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19
1960.....	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26
1961.....	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32
1962.....	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39
1963.....	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46
1964.....	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53
1965.....	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61
1966.....	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72
1967.....	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83
1968.....	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01
1969.....	114.61	37.7	3.04	154.80	43.0	3.60	181.16	37.9	4.78	129.51	40.6	3.19
1970.....	120.16	37.2	3.23	163.97	42.7	3.84	195.23	37.4	5.22	133.73	39.8	3.36
1970: May.....	118.40	37.0	3.20	162.26	42.7	3.80	194.31	38.1	5.10	132.93	39.8	3.34
June.....	120.05	37.4	3.21	163.88	42.9	3.82	196.99	38.4	5.13	134.40	40.0	3.36
July.....	121.45	37.6	3.23	163.88	42.9	3.82	200.20	38.5	5.20	134.46	39.9	3.37
August.....	122.20	37.6	3.25	163.97	42.7	3.84	204.05	38.5	5.30	134.13	39.8	3.37
September.....	121.73	37.0	3.29	164.55	42.3	3.89	194.03	36.2	5.36	135.43	39.6	3.42
October.....	121.36	37.0	3.28	168.56	43.0	3.92	203.79	37.6	5.42	133.45	39.6	3.37
November.....	121.07	36.8	3.29	168.70	42.6	3.96	196.57	36.2	5.43	134.58	39.7	3.39
December.....	122.43	37.1	3.30	170.25	43.1	3.95	203.08	37.4	5.43	138.45	39.9	3.47
1971: January.....	122.58	36.7	3.34	168.75	42.4	3.98	198.55	36.1	5.50	138.60	39.6	3.50
February.....	122.61	36.6	3.35	167.60	41.9	4.00	196.32	35.5	5.53	138.29	39.4	3.51
March.....	124.02	36.8	3.37	168.40	42.1	4.00	204.42	37.1	5.51	139.74	39.7	3.52
April ^p	124.05	36.7	3.38	170.45	42.4	4.02	203.87	37.0	5.51	139.08	39.4	3.53
May ^p	125.46	36.9	3.40	172.89	42.9	4.03	206.46	37.0	5.58	141.65	39.9	3.55
Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
1947.....	-	-	-	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140	-	-	-
1948.....	-	-	-	40.80	40.4	1.010	45.48	37.9	1.200	-	-	-
1949.....	-	-	-	42.93	40.5	1.060	47.63	37.8	1.260	-	-	-
1950.....	-	-	-	44.55	40.5	1.00	50.52	37.7	1.340	-	-	-
1951.....	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-
1952.....	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-
1953.....	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-
1954.....	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-
1955.....	-	-	-	55.15	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.....	147.74	40.7	3.63	91.14	35.6	2.56	108.33	37.1	2.92	91.26	34.7	2.2,63
1970.....	155.93	40.5	3.85	95.66	35.3	2.71	112.98	36.8	3.07	97.98	34.5	2.84
1970: May.....	153.12	40.4	3.79	94.50	35.0	2.70	111.57	36.7	3.04	96.04	34.3	2.80
June.....	156.29	40.7	3.84	96.12	35.6	2.70	111.57	36.7	3.04	96.95	34.5	2.81
July.....	159.06	41.1	3.87	98.10	36.2	2.71	112.61	36.8	3.06	98.77	34.9	2.83
August.....	159.51	40.9	3.90	98.74	36.3	2.72	113.65	36.9	3.08	99.75	35.0	2.85
September.....	159.95	40.7	3.93	97.08	35.3	2.75	113.09	36.6	3.09	99.76	34.4	2.90
October.....	159.96	40.6	3.94	96.88	35.1	2.76	114.82	36.8	3.12	99.81	34.3	2.91
November.....	159.58	40.4	3.95	96.95	35.0	2.77	115.55	36.8	3.14	100.84	34.3	2.94
December.....	158.40	39.9	3.97	97.08	35.3	2.75	115.61	36.7	3.15	101.48	34.4	2.95
1971: January.....	159.20	39.9	3.99	97.51	34.7	2.81	117.07	36.7	3.19	101.62	34.1	2.98
February.....	161.60	40.1	4.03	97.92	34.6	2.83	118.86	36.8	3.23	102.30	34.1	3.00
March.....	161.60	40.1	4.03	98.55	34.7	2.84	119.56	36.9	3.24	102.30	34.1	3.00
April ^p	162.41	40.1	4.05	98.83	34.8	2.84	119.93	36.9	3.25	102.30	34.1	3.00
May ^p	165.24	40.6	4.07	99.53	34.8	2.86	121.03	36.9	3.28	102.04	33.9	3.00

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

² Data include Alaska and Hawaii 1959.

^p preliminary

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May _p 1971	Apr. p 1971	Mar. 1971	May 1970	Apr. 1970	May _p 1971 ^p	Apr. p 1971 ^p	Mar. 1971	May 1970	Apr. 1970
	TOTAL PRIVATE	\$125.46	\$124.05	\$124.02	\$118.40	\$117.34	\$3.40	\$3.38	\$3.37	\$3.20	\$3.18
	MINING	172.89	170.45	168.40	162.26	163.35	4.03	4.02	4.00	3.80	3.79
10	METAL MINING	-	168.78	166.72	166.37	165.12	-	3.99	3.96	3.86	3.84
101	Iron ores	-	164.40	161.19	163.54	160.44	-	4.00	3.98	3.83	3.82
102	Copper ores	-	174.68	172.62	176.46	177.75	-	3.97	3.95	3.93	3.95
11,12	COAL MINING	-	192.51	194.75	177.01	183.64	-	4.73	4.75	4.47	4.49
12	Bituminous coal and lignite mining ..	-	195.02	196.80	179.05	186.18	-	4.78	4.80	4.51	4.53
13	OIL AND GAS EXTRACTION	-	158.20	156.51	152.65	153.39	-	3.74	3.70	3.55	3.51
131,2	Crude petroleum and natural gas fields.	-	170.14	163.61	151.55	153.06	-	4.17	4.07	3.77	3.77
138	Oil and gas field services	-	148.95	151.11	152.66	153.77	-	3.44	3.45	3.40	3.35
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	162.81	154.26	156.18	153.56	-	3.61	3.53	3.44	3.42
142	Crushed and broken stone	-	159.95	152.55	158.05	155.64	-	3.50	3.39	3.37	3.34
	CONTRACT CONSTRUCTION	206.46	203.87	204.42	194.31	192.91	5.58	5.51	5.51	5.10	5.09
15	GENERAL BUILDING CONTRACTORS ..	-	191.17	194.38	182.41	180.81	-	5.34	5.34	4.93	4.90
16	HEAVY CONSTRUCTION CONTRACTORS ..	-	201.06	195.29	195.16	192.10	-	4.94	4.87	4.68	4.64
161	Highway and street construction	-	190.11	177.24	180.11	172.16	-	4.57	4.42	4.34	4.23
162	Heavy construction, n.e.c.	-	209.32	205.71	208.66	207.41	-	5.22	5.13	4.98	4.95
17	SPECIAL TRADE CONTRACTORS	-	213.35	213.44	201.28	200.17	-	5.91	5.88	5.44	5.41
171	Plumbing, heating, air conditioning ..	-	224.63	225.29	211.63	212.74	-	5.99	5.96	5.54	5.54
172	Painting, paper hanging, decorating ..	-	186.84	182.29	180.54	177.79	-	5.40	5.33	5.10	4.98
173	Electrical work	-	243.81	246.91	234.83	235.20	-	6.45	6.38	5.93	5.88
174	Masonry, stonework, and plastering ..	-	193.87	193.80	180.76	176.10	-	5.77	5.70	5.27	5.21
176	Roofing and sheetmetal work	-	175.08	165.76	164.30	164.50	-	5.18	5.18	4.79	4.81
	MANUFACTURING	141.65	139.08	139.74	132.93	131.80	3.55	3.53	3.52	3.34	3.32
19,24,25,32-39	DURABLE GOODS	153.09	150.02	151.50	143.07	141.50	3.78	3.76	3.76	3.55	3.52
20-23,26-31	NONDURABLE GOODS	127.01	125.32	124.87	118.95	118.56	3.24	3.23	3.21	3.05	3.04
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	160.09	157.35	157.59	146.47	146.06	3.83	3.81	3.77	3.59	3.58
192	Ammunition, except for small arms ..	156.75	152.48	153.46	140.80	140.75	3.75	3.71	3.68	3.52	3.51
1925	Complete guided missiles	-	179.35	182.76	172.63	175.55	-	4.26	4.27	4.12	4.16
1929	Ammunition, exc. for small arms, nec	-	131.78	132.52	123.24	122.85	-	3.27	3.24	3.16	3.15
24	LUMBER AND WOOD PRODUCTS	126.77	123.11	122.40	117.09	114.62	3.13	3.07	3.06	2.92	2.88
242	Sawmills and planing mills	(*)	118.00	117.60	112.84	110.52	(*)	2.95	2.94	2.80	2.77
2421	Sawmills and planing mills, general.	-	121.50	121.50	116.35	114.00	-	3.03	3.03	2.88	2.85
243	Millwork, plywood & related products.	135.14	131.63	132.03	124.31	122.09	3.28	3.25	3.26	3.10	3.06
2431	Millwork	-	125.29	124.34	119.95	117.78	-	3.18	3.18	3.06	3.02
2432	Veneer and plywood	-	136.54	138.60	126.79	124.64	-	3.29	3.30	3.07	3.04
244	Wooden containers	(*)	95.26	95.25	91.48	91.72	(*)	2.52	2.50	2.37	2.37
2441,2	Wooden boxes, shooks, and crates ..	-	91.88	91.23	89.32	89.17	-	2.45	2.42	2.32	2.31
249	Miscellaneous wood products	109.75	109.35	109.08	103.94	102.26	2.73	2.70	2.68	2.56	2.55
25	FURNITURE AND FIXTURES	114.34	111.25	112.29	105.88	105.65	2.88	2.86	2.85	2.75	2.73
251	Household furniture	(*)	105.96	107.05	98.94	98.69	(*)	2.71	2.71	2.59	2.57
2511	Wood household furniture	-	100.69	101.71	94.67	95.11	-	2.53	2.53	2.44	2.42
2512	Upholstered household furniture ..	-	111.54	112.23	101.94	103.42	-	2.92	2.90	2.77	2.78
2515	Mattresses and bedsprings	-	116.74	117.78	108.30	108.11	-	3.04	3.02	2.85	2.83
252	Office furniture	-	131.32	127.92	123.24	123.29	-	3.35	3.28	3.12	3.09
254	Partitions and fixtures	-	132.86	133.82	132.72	130.81	-	3.46	3.44	3.36	3.32
253,9	Other furniture and fixtures	120.12	117.50	118.65	114.07	114.17	3.08	3.06	3.05	2.94	2.92
32	STONE, CLAY, AND GLASS PRODUCTS ..	151.01	147.55	147.44	140.27	139.03	3.63	3.59	3.57	3.38	3.35
321	Flat glass	-	180.99	185.47	184.90	179.35	-	4.48	4.48	4.29	4.25
322	Glass and glassware, pressed or blown	150.78	145.86	151.88	138.98	140.88	3.76	3.74	3.75	3.44	3.47
3221	Glass containers	-	151.31	161.92	145.49	147.55	-	3.92	3.93	3.54	3.59
3229	Pressed and blown glass, n.e.c.	-	137.86	137.81	128.90	131.60	-	3.49	3.48	3.28	3.29
324	Cement, hydraulic	184.16	183.50	181.40	179.35	167.23	4.47	4.39	4.35	4.25	4.02
325	Structural clay products	119.18	120.88	118.84	115.14	113.65	2.95	2.97	2.92	2.85	2.82
3251	Brick and structural clay tile	-	114.96	111.65	110.16	108.40	-	2.77	2.71	2.70	2.67
326	Pottery and related products	-	122.30	123.84	114.30	114.43	-	3.21	3.20	3.00	2.98
327	Concrete, gypsum, and plaster products ..	161.25	156.31	152.80	146.35	145.15	3.69	3.61	3.57	3.38	3.36
328,9	Other stone and nonmetallic mineral products ..	150.12	146.67	145.02	137.42	137.53	3.60	3.56	3.52	3.36	3.33
3291	Abrasive products	-	140.89	140.04	133.25	133.77	-	3.65	3.60	3.47	3.43

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970	May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970
-	TOTAL PRIVATE	36.9	36.7	36.8	37.0	36.9	-	-	-	-	-
-	MINING	42.9	42.4	42.1	42.7	43.1	-	-	-	-	-
10	METAL MINING	-	42.3	42.1	42.1	43.0	-	-	-	-	-
101	Iron ores	-	41.1	40.5	42.7	42.0	-	-	-	-	-
102	Copper ores	-	44.0	43.7	44.9	45.0	-	-	-	-	-
11,12	COAL MINING	-	40.7	41.0	39.6	40.9	-	-	-	-	-
12	Bituminous coal and lignite mining	-	40.8	41.0	39.7	41.1	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	42.3	42.3	43.0	43.7	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.8	40.2	40.2	40.6	-	-	-	-	-
138	Oil and gas field services	-	43.3	43.8	44.9	45.9	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	45.1	43.7	45.4	44.9	-	-	-	-	-
142	Crushed and broken stone	-	45.7	45.0	46.9	46.6	-	-	-	-	-
-	CONTRACT CONSTRUCTION	37.0	37.0	37.1	38.1	37.9	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	35.8	36.4	37.0	36.9	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	40.7	40.1	41.7	41.4	-	-	-	-	-
161	Highway and street construction	-	41.6	40.1	41.5	40.7	-	-	-	-	-
162	Heavy construction, n e c	-	40.1	40.1	41.9	41.9	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	36.1	36.3	37.0	37.0	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	37.5	37.8	38.2	38.4	-	-	-	-	-
172	Painting, paper hanging, decorating	-	34.6	34.2	35.4	35.7	-	-	-	-	-
173	Electrical work	-	37.8	38.7	39.6	40.0	-	-	-	-	-
174	Masonry, stonework, and plastering	-	33.6	34.0	34.0	33.8	-	-	-	-	-
176	Roofing and sheet metal work	-	33.8	32.0	34.3	34.2	-	-	-	-	-
-	MANUFACTURING	39.9	39.4	39.7	39.8	39.7	2.8	2.6	2.7	2.9	2.8
19,24,25,32-39	DURABLE GOODS	40.5	39.9	40.4	40.3	40.2	2.7	2.6	2.7	2.9	2.8
20-23,26-31	NONDURABLE GOODS	39.2	38.8	38.9	39.0	39.0	2.8	2.7	2.7	2.9	2.8
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	41.8	41.3	41.8	40.8	40.8	-	2.4	2.5	2.2	2.2
192	Ammunition, except for small arms	41.8	41.1	41.7	40.0	40.1	-	2.2	2.6	1.6	1.8
1925	Complete guided missiles	-	42.1	42.8	41.9	42.2	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	40.3	40.9	39.0	39.0	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.5	40.1	40.0	40.1	39.8	-	3.2	3.5	3.5	3.6
242	Sawmills and planing mills	(*)	40.0	40.0	40.3	39.9	-	3.4	3.9	3.6	4.0
2421	Sawmills and planing mills, general	-	40.1	40.1	40.4	40.0	-	-	-	-	-
243	Millwork, plywood & related products	41.2	40.5	40.5	40.1	39.9	-	3.1	3.3	3.4	3.2
2431	Millwork	-	39.4	39.1	39.2	39.0	-	-	-	-	-
2432	Veneer and plywood	-	41.5	42.0	41.3	41.0	-	-	-	-	-
244	Wooden containers	(*)	37.8	38.1	38.6	38.7	-	2.0	2.5	2.8	2.8
2441,2	Wooden boxes, shooks, and crates	-	37.5	37.7	38.5	38.6	-	-	-	-	-
249	Miscellaneous wood products	40.2	40.5	40.7	40.6	40.1	-	3.1	3.2	3.4	3.2
25	FURNITURE AND FIXTURES	39.7	38.9	39.4	38.5	38.7	-	2.0	2.2	2.0	2.0
251	Household furniture	(*)	39.1	39.5	38.2	38.4	-	2.1	2.4	1.9	1.9
2511	Wood household furniture	-	39.8	40.2	38.8	39.3	-	-	-	-	-
2512	Upholstered household furniture	-	38.2	38.7	36.8	37.2	-	-	-	-	-
2515	Mattresses and bedsprings	-	38.4	39.0	38.0	38.2	-	-	-	-	-
252	Office furniture	-	39.2	39.0	39.5	39.9	-	2.2	1.9	2.7	2.9
254	Partitions and fixtures	-	38.4	38.9	39.5	39.4	-	1.3	1.5	2.2	2.3
253,9	Other furniture and fixtures	39.0	38.4	38.9	38.8	39.1	-	1.7	1.8	2.1	1.9
32	STONE, CLAY, AND GLASS PRODUCTS	41.6	41.1	41.3	41.5	41.5	-	4.1	4.1	4.4	4.3
321	Flat glass	-	40.4	41.4	43.1	42.2	-	3.4	3.7	4.5	4.1
322	Glass and glassware, pressed or blown	40.1	39.0	40.5	40.4	40.6	-	3.9	4.2	4.3	4.3
3221	Glass containers	-	38.6	41.2	41.1	41.1	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	39.5	39.6	39.3	40.0	-	-	-	-	-
324	Cement, hydraulic	41.2	41.8	41.7	42.2	41.6	-	3.1	2.9	3.5	3.0
325	Structural clay products	40.4	40.7	40.7	40.4	40.3	-	3.4	3.5	3.7	3.5
3251	Brick and structural clay tile	-	41.5	41.2	40.8	40.6	-	-	-	-	-
326	Pottery and related products	-	38.1	38.7	38.1	38.4	-	1.9	2.0	1.7	1.9
327	Concrete, gypsum and plaster products	43.7	43.3	42.8	43.3	43.2	-	5.9	5.7	6.2	6.0
328,9	Other stone and nonmetallic mineral products	41.7	41.2	41.2	40.9	41.3	-	3.3	3.4	3.5	3.5
3291	Abrasive products	-	38.6	38.9	38.4	39.0	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

74

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				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	\$173.46	\$170.97	\$168.50	\$156.35	\$156.35	\$4.20	\$4.17	\$4.13	\$3.90	
331	Blast furnace and basic steel products ..	(*)	182.13	176.64	163.99	161.99	(*)	4.41	4.34	4.11	
3312	Blast furnaces and steel mills	-	184.16	178.64	165.97	164.37	-	4.47	4.40	4.17	
332	Iron and steel foundries	159.20	159.20	158.80	151.78	148.64	3.99	3.98	3.96	3.72	
3321	Gray iron foundries	-	160.00	160.00	149.85	146.29	-	4.01	4.00	3.70	
3322	Malleable iron foundries	-	173.20	175.42	165.13	164.27	-	4.33	4.31	4.17	
3323	Steel foundries	-	152.76	150.38	151.26	149.04	-	3.80	3.75	3.61	
333,4	Nonferrous metals	162.96	160.58	160.55	155.91	155.50	3.88	3.86	3.85	3.73	
3334	Primary aluminum	-	170.98	173.06	165.64	164.40	-	4.16	4.16	4.04	
335	Nonferrous rolling and drawing	163.70	164.90	162.93	150.38	152.21	3.87	3.88	3.87	3.65	
3351	Copper rolling and drawing	-	169.42	162.15	149.08	151.25	-	3.94	3.87	3.69	
3352	Aluminum rolling and drawing	-	171.86	170.71	151.62	154.29	-	3.96	3.97	3.68	
3357	Nonferrous wire drawing and insulating ..	-	157.63	157.66	150.12	151.56	-	3.78	3.79	3.60	
336	Nonferrous foundries	147.31	141.62	143.42	139.60	137.07	3.72	3.65	3.64	3.49	
3361	Aluminum castings	-	141.72	146.12	140.85	137.98	-	3.71	3.69	3.53	
3362,9	Other nonferrous castings	-	141.81	140.34	138.29	136.06	-	3.59	3.58	3.44	
339	Miscellaneous primary metal products ...	183.43	174.36	175.31	167.68	164.02	4.42	4.37	4.35	4.12	
3391	Iron and steel forgings	-	178.82	179.84	173.32	170.02	-	4.55	4.53	4.29	
34	FABRICATED METAL PRODUCTS	150.26	146.89	146.40	143.26	142.10	3.71	3.70	3.66	3.52	
341	Metal cans	192.28	182.25	177.51	175.67	169.92	4.40	4.36	4.09	4.02	
342	Cutlery, hand tools, and hardware	139.52	138.02	141.65	132.53	133.72	3.55	3.53	3.55	3.33	
3421,3,5	Cutlery and hand tools, incl. saws	-	135.43	136.00	129.10	130.98	-	3.42	3.40	3.26	
3429	Hardware, n e c	-	140.46	145.64	135.20	136.08	-	3.62	3.65	3.36	
343	Plumbing and heating, except electric ...	(*)	138.35	133.91	126.68	124.23	(*)	3.45	3.39	3.24	
3431,2	Sanitary ware & plumbers' brass goods ..	-	142.45	134.75	127.98	126.16	-	3.50	3.42	3.29	
3433	Heating equipment, except electric	-	134.24	133.45	125.05	122.36	-	3.39	3.37	3.19	
344	Fabricated structural metal products	147.90	145.67	147.53	141.75	141.35	3.67	3.66	3.67	3.50	
3441	Fabricated structural steel	-	150.96	151.62	143.04	141.86	-	3.70	3.68	3.48	
3442	Metal doors, sash, and trim	-	122.30	122.46	118.29	117.26	-	3.12	3.14	3.01	
3443	Fabricated plate work (boiler shops) ..	-	154.40	157.10	151.25	151.57	-	3.86	3.86	3.68	
3444	Sheet metal work	-	152.10	154.81	148.37	147.23	-	3.91	3.88	3.70	
3446,9	Architectural and misc. metal work ...	-	135.68	134.64	135.07	135.68	-	3.47	3.47	3.36	
345	Screw machine products, bolts, etc	148.96	144.11	142.99	138.75	140.70	3.66	3.63	3.62	3.46	
3451	Screw machine products	-	138.48	139.23	136.80	139.67	-	3.56	3.57	3.42	
3452	Bolts, nuts, rivets, and washers	-	148.67	146.40	140.70	141.69	-	3.68	3.66	3.50	
346	Metal stampings	163.61	159.18	161.60	164.55	160.51	4.01	4.04	4.04	3.89	
347	Metal services, n e c	129.75	126.94	127.86	123.48	123.64	3.31	3.28	3.27	3.15	
348	Misc. fabricated wire products	134.87	131.34	130.94	126.17	124.66	3.33	3.30	3.29	3.14	
349	Misc. fabricated metal products	148.96	146.33	146.29	138.98	138.17	3.66	3.64	3.63	3.44	
3494,8	Valves, pipe, and pipe fittings	-	149.54	149.51	142.56	142.51	-	3.72	3.71	3.52	
35	MACHINERY, EXCEPT ELECTRICAL	159.98	148.00	159.17	154.95	155.25	3.96	3.95	3.93	3.77	
351	Engines and turbines	178.16	175.52	179.05	172.22	172.22	4.41	4.41	4.41	4.16	
3511	Steam engines and turbines	-	187.73	198.86	182.25	184.31	-	4.67	4.69	4.36	
3519	Internal combustion engines, n e c	-	169.88	169.52	167.27	166.85	-	4.29	4.27	4.04	
352	Farm machinery	-	159.98	160.75	142.37	147.17	-	3.96	3.94	3.66	
353	Construction and related machinery	162.40	159.59	158.77	151.81	153.59	4.00	3.96	3.93	3.73	
3531,2	Construction and mining machinery	-	168.92	167.28	159.03	161.32	-	4.13	4.09	3.86	
3533	Oil field machinery	-	153.38	154.71	146.78	146.51	-	3.75	3.71	3.52	
3535,6	Conveyors, hoists, cranes, monorails ..	-	149.33	149.34	144.57	145.84	-	3.79	3.80	3.66	
3537	Industrial trucks and tractors	-	133.53	132.82	129.62	130.42	-	3.58	3.58	3.42	
354	Metal working machinery	(*)	167.58	169.68	178.05	180.94	(*)	4.20	4.20	4.16	
3541	Machine tools, metal cutting types	-	159.08	159.51	167.63	168.80	-	4.10	4.09	4.02	
3544	Special dies, tools, jigs & fixtures ..	-	185.32	190.71	206.57	210.66	-	4.52	4.53	4.54	
3545	Machine tool accessories	-	154.05	152.08	154.71	156.18	-	3.95	3.94	3.82	
3542,8	Misc. metal working machinery	-	151.70	153.22	150.75	155.54	-	3.87	3.84	3.75	
355	Special industry machinery	150.66	146.83	147.53	145.08	146.23	3.72	3.68	3.67	3.53	
3551	Food products machinery	-	149.69	148.54	152.26	154.70	-	3.78	3.77	3.66	
3552	Textile machinery	-	125.37	125.20	124.34	123.52	-	3.15	3.13	3.07	
3555	Printing trades machinery	-	166.46	164.83	152.18	149.37	-	4.09	4.03	3.73	
356	General industrial machinery	158.00	154.84	156.02	149.57	151.00	3.96	3.93	3.92	3.73	
3561	Pumps and compressors	-	153.92	153.87	151.16	151.06	-	3.81	3.79	3.66	
3562	Ball and roller bearings	-	153.90	157.56	145.16	147.04	-	4.05	4.04	3.80	
3564	Blowers and fans	-	142.99	144.04	138.58	138.92	-	3.62	3.61	3.38	
3566	Power transmission equipment	-	157.21	156.80	152.59	154.24	-	3.94	3.92	3.74	
357	Office and computing machines	159.54	154.41	157.49	150.47	148.56	3.92	3.87	3.86	3.67	
3573	Electronic computing equipment	-	160.36	165.48	152.67	151.57	-	3.94	3.94	3.67	
358	Service industry machines	145.75	142.48	142.09	134.74	125.12	3.59	3.58	3.57	3.31	
3585	Refrigeration machinery	-	145.60	145.20	135.54	123.54	-	3.64	3.63	3.39	
359	Misc. machinery, except electrical	158.26	158.26	160.19	152.57	152.46	3.86	3.86	3.86	3.65	

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.3	41.0	40.8	40.4	40.4	-	3.2	3.1	3.0	2.9
331	Blast furnace and basic steel products	(*)	41.3	40.7	39.9	39.8	-	3.0	2.7	2.2	2.2
3312	Blast furnaces and steel mills	-	41.2	40.6	39.8	39.8	-	-	-	-	-
332	Iron and steel foundries	39.9	40.0	40.1	40.8	40.5	-	3.2	3.3	4.2	3.7
3321	Gray iron foundries	-	39.9	40.0	40.5	40.3	-	-	-	-	-
3322	Malleable iron foundries	-	40.0	40.7	39.6	39.3	-	-	-	-	-
3323	Steel foundries	-	40.2	40.1	41.9	41.4	-	-	-	-	-
333,4	Nonferrous metals	42.0	41.6	41.7	41.8	41.8	-	3.8	3.8	4.4	4.3
3334	Primary aluminum	-	41.1	41.6	41.0	41.1	-	-	-	-	-
335	Nonferrous rolling and drawing	42.3	42.5	42.1	41.2	41.7	-	4.2	4.0	3.6	3.8
3351	Copper rolling and drawing	-	43.0	41.9	40.4	41.1	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.4	43.0	41.2	41.7	-	-	-	-	-
3357	Nonferrous wire drawing and insulating	-	41.7	41.6	41.7	42.1	-	-	-	-	-
336	Nonferrous foundries	39.6	38.8	39.4	40.0	39.5	-	2.0	2.4	2.8	2.4
3361	Aluminum castings	-	38.2	39.6	39.9	39.2	-	-	-	-	-
3362,9	Other nonferrous castings	-	39.5	39.2	40.2	39.9	-	-	-	-	-
339	Miscellaneous primary metal products	41.5	39.9	40.3	40.7	40.4	-	2.7	2.8	3.3	3.3
3391	Iron and steel forgings	-	39.3	39.7	40.4	40.1	-	2.3	2.5	3.4	3.2
34	FABRICATED METAL PRODUCTS	40.5	39.7	40.0	40.7	40.6	-	2.6	2.6	3.3	3.2
341	Metal cans	43.7	41.8	43.4	43.7	42.8	-	3.7	5.2	4.9	4.3
342	Cutlery, hand tools, and hardware	39.3	39.1	39.9	39.8	40.4	-	2.0	2.1	2.3	2.4
3421,3,5	Cutlery and hand tools, incl. saws	-	39.6	40.0	39.6	40.3	-	-	-	-	-
3429	Hardware, n e c	-	38.8	39.9	40.0	40.5	-	-	-	-	-
343	Plumbing and heating, except electric	(*)	40.1	39.5	39.1	38.7	-	2.4	1.9	2.1	1.8
3431,2	Sanitary ware & plumbers' brass goods	-	40.7	39.4	38.9	38.7	-	-	-	-	-
3433	Heating equipment, except electric	-	39.6	39.6	39.2	38.6	-	-	-	-	-
344	Fabricated structural metal products	40.3	39.8	40.2	40.5	40.5	-	2.3	2.5	3.1	2.9
3441	Fabricated structural steel	-	40.8	41.2	41.1	41.0	-	-	-	-	-
3442	Metal doors, sash, and trim	-	39.2	39.0	39.3	38.7	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	40.0	40.7	41.1	41.3	-	-	-	-	-
3444	Sheet metal work	-	38.9	39.9	40.1	39.9	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	39.1	38.8	40.2	40.5	-	-	-	-	-
345	Screw machine products, bolts, etc.	40.7	39.7	39.5	40.1	40.9	-	2.3	2.3	2.8	3.2
3451	Screw machine products	-	38.9	39.0	40.0	41.2	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	40.4	40.0	40.2	40.6	-	-	-	-	-
346	Metal stampings	40.8	39.4	40.0	42.3	41.8	-	2.9	3.0	4.5	4.1
347	Metal services, n e c	39.2	38.7	39.1	39.2	39.5	-	3.7	3.6	3.9	3.9
348	Misc. fabricated wire products	40.5	39.8	39.8	39.8	39.7	-	2.4	2.3	2.7	2.9
349	Misc. fabricated metal products	40.7	40.2	40.3	40.4	40.4	-	2.4	2.4	2.8	3.0
3494,8	Valves, pipe, and pipe fittings	-	40.2	40.3	40.5	40.6	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	40.4	40.0	40.5	41.1	41.4	-	2.1	2.4	3.3	3.6
351	Engines and turbines	40.4	39.8	40.6	41.4	41.4	-	2.6	3.2	3.8	3.8
3511	Steam engines and turbines	-	40.2	42.4	41.8	41.7	-	-	-	-	-
3519	Internal combustion engines, n e c	-	39.6	39.7	41.2	41.3	-	-	-	-	-
352	Farm machinery	-	40.4	40.8	38.9	40.1	-	2.4	2.7	1.8	2.5
353	Construction and related machinery	40.6	40.3	40.4	40.7	41.4	-	2.3	2.5	2.9	3.4
3531,2	Construction and mining machinery	-	40.9	40.9	41.2	41.9	-	-	-	-	-
3533	Oil field machinery	-	40.9	41.7	41.7	42.1	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	39.4	39.3	39.5	40.4	-	-	-	-	-
3537	Industrial trucks and tractors	-	37.3	37.1	37.9	38.7	-	-	-	-	-
354	Metal working machinery	(*)	39.9	40.4	42.8	43.6	-	2.1	2.5	4.8	5.3
3541	Machine tools, metal cutting types	-	38.8	39.0	41.7	42.2	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	41.0	42.1	45.5	46.4	-	-	-	-	-
3545	Machine tool accessories	-	39.0	38.6	40.5	41.1	-	-	-	-	-
3542,8	Misc. metal working machinery	-	39.2	39.9	40.2	41.7	-	-	-	-	-
355	Special industry machinery	40.5	39.9	40.2	41.1	41.9	-	1.8	2.1	3.1	3.8
3551	Food products machinery	-	39.6	39.4	41.6	42.5	-	-	-	-	-
3552	Textile machinery	-	39.8	40.0	40.5	40.9	-	-	-	-	-
3555	Printing trades machinery	-	40.7	40.9	40.8	40.7	-	-	-	-	-
356	General industrial machinery	39.9	39.4	39.8	40.1	40.7	-	1.7	1.8	2.7	3.1
3561	Pumps and compressors	-	40.4	40.6	41.3	41.5	-	-	-	-	-
3562	Ball and roller bearings	-	38.0	39.0	38.2	38.9	-	-	-	-	-
3564	Blowers and fans	-	39.5	39.9	41.0	41.1	-	-	-	-	-
3566	Power transmission equipment	-	39.9	40.0	40.8	41.8	-	-	-	-	-
357	Office and computing machines	40.7	39.9	40.8	41.0	40.7	-	1.4	1.8	2.5	2.3
3573	Electronic computing equipment	-	40.7	42.0	41.6	41.3	-	-	-	-	-
358	Service industry machines	40.6	39.8	39.8	40.1	37.8	-	1.7	1.6	2.2	1.6
3585	Refrigeration machinery	-	40.0	40.0	40.1	37.1	-	-	-	-	-
359	Misc. machinery, except electrical	41.0	41.0	41.5	41.8	42.0	-	3.2	3.2	4.0	4.2

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970	May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$139.65	\$136.72	\$137.76	\$129.49	\$128.30	\$3.50	\$3.47	\$3.47	\$3.27	\$3.24
361	Electric test & distributing equipment ...	(*)	146.10	145.56	137.08	136.21	(*)	3.68	3.63	3.41	3.38
3611	Electric measuring instruments	-	126.10	127.08	120.04	119.87	-	3.25	3.25	3.07	3.05
3612	Transformers	-	142.27	143.16	141.73	139.74	-	3.62	3.57	3.44	3.40
3613	Switchgear and switchboard apparatus...	-	161.60	159.53	146.29	146.57	-	3.99	3.91	3.63	3.61
362	Electrical industrial apparatus	140.26	141.33	139.83	135.60	134.06	3.56	3.56	3.54	3.39	3.36
3621	Motors and generators	-	142.56	142.52	141.35	138.75	-	3.60	3.59	3.49	3.46
3622	Industrial controls	-	136.62	134.80	123.38	122.22	-	3.45	3.43	3.18	3.11
363	Household appliances	(*)	145.60	144.44	135.19	136.12	(*)	3.64	3.62	3.44	3.42
3632	Household refrigerators and freezers...	-	161.18	160.00	149.45	151.84	-	3.97	3.99	3.69	3.74
3633	Household laundry equipment	-	156.67	154.35	141.71	145.64	-	3.84	3.83	3.70	3.65
3634	Electric housewares and fans	-	116.79	117.60	109.44	109.98	-	3.01	3.00	2.85	2.82
364	Electric lighting and wiring equipment...	131.80	126.49	128.97	121.57	118.17	3.32	3.26	3.29	3.07	3.03
3641	Electric lamps	-	133.60	132.87	126.36	124.71	-	3.34	3.33	3.12	3.11
3642	Lighting fixtures	-	124.88	130.81	123.31	116.18	-	3.33	3.38	3.17	3.09
3643,4	Wiring devices	-	123.56	125.12	117.71	115.94	-	3.16	3.20	2.98	2.95
365	Radio and TV receiving equipment	121.52	123.95	121.98	110.67	107.53	3.14	3.17	3.16	2.92	2.93
366	Communication equipment	150.00	148.85	153.03	146.06	147.14	3.75	3.74	3.76	3.58	3.58
3661	Telephone and telegraph apparatus	-	143.05	147.13	144.20	147.84	-	3.64	3.66	3.50	3.52
3662	Radio and TV communication equipment	-	154.75	158.24	147.06	147.02	-	3.84	3.85	3.64	3.63
367	Electronic components and accessories ..	118.86	118.17	118.69	109.80	108.64	3.04	3.03	3.02	2.83	2.80
3671-3	Electron tubes	-	131.60	132.80	120.51	121.35	-	3.34	3.32	3.09	3.08
3674,9	Other electronic components	-	114.76	115.35	107.48	106.04	-	2.95	2.95	2.77	2.74
369	Misc. electrical equipment & supplies...	(*)	144.40	149.73	138.25	134.46	(*)	3.78	3.81	3.50	3.43
3694	Engine electrical equipment	-	147.73	153.97	144.65	139.37	-	3.95	4.02	3.69	3.62
37	TRANSPORTATION EQUIPMENT	180.67	175.08	183.40	164.02	156.80	4.45	4.41	4.43	4.06	4.00
371	Motor vehicles and equipment	(*)	187.70	201.45	171.72	157.29	(*)	4.74	4.74	4.24	4.15
3711	Motor vehicles	-	192.76	212.54	175.71	155.36	-	4.93	4.92	4.36	4.28
3712	Passenger car bodies	-	198.22	239.14	180.71	166.42	-	5.23	5.21	4.61	4.51
3713	Truck and bus bodies	-	149.51	146.43	140.30	137.76	-	3.71	3.67	3.49	3.41
3714	Motor vehicle parts and accessories	-	187.86	192.15	172.20	161.50	-	4.65	4.63	4.20	4.12
3715	Truck trailers	-	135.14	133.72	127.19	126.40	-	3.43	3.42	3.22	3.20
372	Aircraft and parts	(*)	171.23	173.34	166.06	165.24	(*)	4.27	4.28	4.07	4.05
3721	Aircraft	-	176.69	176.69	167.69	166.05	-	4.32	4.32	4.11	4.10
3722	Aircraft engines and engine parts	-	165.98	171.97	163.21	162.01	-	4.30	4.31	4.06	4.03
3723,9	Other aircraft parts and equipment	-	164.42	166.04	165.55	166.30	-	4.09	4.11	3.97	3.95
373	Ship and boat building and repairing	152.88	154.05	154.79	148.52	150.72	3.89	3.90	3.86	3.76	3.74
3731	Ship building and repairing	-	161.54	163.20	156.80	159.56	-	4.10	4.08	3.92	3.93
3732	Boat building and repairing	-	128.00	126.95	119.07	119.65	-	3.20	3.15	3.15	3.06
374	Railroad equipment	-	169.88	176.48	166.40	168.10	-	4.29	4.39	4.16	4.12
375,9	Other transportation equipment	-	128.25	124.15	118.65	118.73	-	3.28	3.25	3.05	3.06
38	INSTRUMENTS AND RELATED PRODUCTS ..	139.30	137.46	137.76	132.00	132.59	3.50	3.48	3.47	3.30	3.29
381	Engineering & scientific instruments	-	160.00	159.59	149.92	150.59	-	3.98	3.96	3.72	3.70
382	Mechanical measuring & control devices...	136.32	133.86	134.11	131.01	130.87	3.46	3.45	3.43	3.30	3.28
3821	Mechanical measuring devices	-	136.28	135.19	134.53	135.05	-	3.45	3.44	3.33	3.31
3822	Automatic temperature controls	-	131.13	132.70	124.74	124.68	-	3.46	3.42	3.24	3.23
383,5	Optical and ophthalmic goods	124.50	122.15	124.82	121.60	123.01	3.16	3.14	3.16	3.04	3.06
385	Ophthalmic goods	-	113.48	115.74	111.90	112.46	-	2.94	2.96	2.84	2.84
384	Medical instruments and supplies	124.53	120.87	121.88	111.93	110.58	3.09	3.06	3.07	2.87	2.85
386	Photographic equipment and supplies	(*)	167.62	167.66	160.86	163.20	(*)	4.18	4.15	3.83	3.84
387	Watches, clocks, and watchcases	-	113.72	112.29	108.64	108.58	-	2.85	2.85	2.80	2.77
39	MISC. MANUFACTURING INDUSTRIES	113.78	113.58	114.07	108.47	108.64	2.94	2.95	2.94	2.81	2.80
391	Jewelry, silverware, and plated ware...	124.36	125.19	124.16	118.73	120.87	3.23	3.21	3.20	3.06	3.06
394	Toys and sporting goods	-	103.63	103.57	98.69	98.05	-	2.72	2.69	2.57	2.56
3941-3	Games, toys, dolls & play vehicles	-	97.99	97.40	93.74	94.87	-	2.62	2.57	2.48	2.49
3949	Sporting and athletic goods, n e c	-	109.13	109.48	104.40	101.90	-	2.82	2.80	2.67	2.64
395	Pens, pencils, office and art supplies...	-	116.19	115.97	109.16	107.25	-	3.01	3.02	2.85	2.75
396	Costume jewelry and notions	-	103.63	104.61	98.55	98.30	-	2.72	2.71	2.54	2.56
393,9	Other manufacturing industries	121.99	120.67	120.82	116.10	117.00	3.12	3.11	3.09	3.00	3.00
393	Musical instruments and parts	-	120.59	123.52	113.10	115.05	-	3.03	3.02	2.93	2.95
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	135.07	134.19	133.27	127.98	124.49	3.36	3.38	3.34	3.16	3.12
201	Meat products	144.27	142.80	140.85	136.61	134.31	3.58	3.57	3.53	3.34	3.30
2011	Meat packing plants	-	175.56	173.04	165.09	160.58	-	4.18	4.12	3.94	3.86
2013	Sausages and other prepared meats	-	151.31	150.11	146.11	143.56	-	3.86	3.81	3.59	3.58
2015	Poultry dressing plants	-	81.99	80.74	83.53	83.32	-	2.21	2.20	2.12	2.12

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970	May 1971 P	Apr. 1971 P	Mar. 1971	May 1970	Apr. 1970
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	39.9	39.4	39.7	39.6	39.6	-	1.7	1.8	2.2	2.1
361	Electric test & distributing equipment	(*)	39.7	40.1	40.2	40.3	-	1.7	1.9	2.2	2.2
3611	Electric measuring instruments	-	38.8	39.1	39.1	39.3	-	-	-	-	-
3612	Transformers	-	39.3	40.1	41.2	41.1	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	40.5	40.8	40.3	40.6	-	-	-	-	-
362	Electrical industrial apparatus	39.4	39.7	39.5	40.0	39.9	-	1.7	1.7	2.6	2.4
3621	Motors and generators	-	39.6	39.7	40.5	40.1	-	-	-	-	-
3622	Industrial controls	-	39.6	39.3	38.8	39.3	-	-	-	-	-
363	Household appliances	(*)	40.0	39.9	39.3	39.8	-	2.1	2.3	2.2	2.3
3632	Household refrigerators and freezers	-	40.6	40.1	40.5	40.6	-	-	-	-	-
3633	Household laundry equipment	-	40.8	40.3	38.3	39.9	-	-	-	-	-
3634	Electric housewares and fans	-	38.8	39.2	38.4	39.0	-	-	-	-	-
364	Electric lighting and wiring equipment	39.7	38.8	39.2	39.6	39.0	-	1.6	1.6	2.3	1.9
3641	Electric lamps	-	40.0	39.9	40.5	40.1	-	-	-	-	-
3642	Lighting fixtures	-	37.5	38.7	38.9	37.6	-	-	-	-	-
3643,4	Wiring devices	-	39.1	39.1	39.5	39.3	-	-	-	-	-
365	Radio and TV receiving equipment	38.7	39.1	38.6	37.9	36.7	-	1.5	1.1	1.2	1.0
366	Communication equipment	40.0	39.8	40.7	40.8	41.1	-	1.8	2.2	2.9	2.7
3661	Telephone and telegraph apparatus	-	39.3	40.2	41.2	42.0	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.3	41.1	40.4	40.5	-	-	-	-	-
367	Electronic components and accessories	39.1	39.0	39.3	38.8	38.8	-	1.4	1.6	1.6	1.7
3671-3	Electron tubes	-	39.4	40.0	39.0	39.4	-	-	-	-	-
3674,9	Other electronic components	-	38.9	39.1	38.8	38.7	-	-	-	-	-
369	Misc. electrical equipment & supplies	(*)	38.2	39.3	39.5	39.2	-	2.0	1.8	2.1	1.6
3694	Engine electrical equipment	-	37.4	38.3	39.2	38.5	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	40.6	39.7	41.4	40.4	39.2	-	2.9	3.4	2.9	2.2
371	Motor vehicles and equipment	(*)	39.6	42.5	40.5	37.9	-	3.6	4.5	3.3	1.8
3711	Motor vehicles	-	39.1	43.2	40.3	36.3	-	-	-	-	-
3712	Passenger car bodies	-	37.9	45.9	39.2	36.9	-	-	-	-	-
3713	Truck and bus bodies	-	40.3	39.9	40.2	40.4	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	40.4	41.5	41.0	39.2	-	-	-	-	-
3715	Truck trailers	-	39.4	39.1	39.5	39.5	-	-	-	-	-
372	Aircraft and parts	(*)	40.1	40.5	40.8	40.8	-	1.6	1.8	2.4	2.5
3721	Aircraft	-	40.9	40.9	40.8	40.5	-	-	-	-	-
3722	Aircraft engines and engine parts	-	38.6	39.9	40.2	40.2	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	40.2	40.4	41.7	42.1	-	-	-	-	-
373	Ship and boat building and repairing	39.3	39.5	40.1	39.5	40.3	-	3.0	2.9	2.9	3.3
3731	Ship building and repairing	-	39.4	40.0	40.0	40.6	-	-	-	-	-
3732	Boat building and repairing	-	40.0	40.3	37.8	39.1	-	-	-	-	-
374	Railroad equipment	-	39.6	40.2	40.0	40.8	-	2.6	3.0	2.7	3.5
375,9	Other transportation equipment	-	39.1	38.2	38.9	38.8	-	2.1	1.6	2.3	2.0
38	INSTRUMENTS AND RELATED PRODUCTS	39.8	39.5	39.7	40.0	40.3	-	1.7	1.8	2.2	2.4
381	Engineering & scientific instruments	-	40.2	40.3	40.3	40.7	-	2.3	2.1	2.1	2.5
382	Mechanical measuring & control devices	39.4	38.8	39.1	39.7	39.9	-	1.6	1.6	2.4	2.4
3821	Mechanical measuring devices	-	39.5	39.3	40.4	40.8	-	-	-	-	-
3822	Automatic temperature controls	-	37.9	38.8	38.5	38.6	-	-	-	-	-
383,5	Optical and ophthalmic goods	39.4	38.9	39.5	40.0	40.2	-	1.4	1.6	2.4	2.6
385	Ophthalmic goods	-	38.6	39.1	39.4	39.6	-	1.2	1.7	1.9	2.1
384	Medical instruments and supplies	40.3	39.5	39.7	39.0	38.8	-	1.9	2.1	1.7	1.6
386	Photographic equipment and supplies	(*)	40.1	40.4	42.0	42.5	-	1.6	2.0	2.8	3.2
387	Watches, clocks, and watch cases	-	39.9	39.4	38.8	39.2	-	1.4	1.5	1.7	1.9
39	MISC. MANUFACTURING INDUSTRIES	38.7	38.5	38.8	38.6	38.8	-	1.9	2.0	2.0	2.2
391	Jewelry, silverware, and plated ware	38.5	39.0	38.8	38.8	39.5	-	2.4	2.3	2.4	3.0
394	Toys and sporting goods	-	38.1	38.5	38.4	38.3	-	1.8	2.0	1.8	1.7
3941-3	Games, toys, dolls, & play vehicles	-	37.4	37.9	37.8	38.1	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	38.7	39.1	39.1	38.6	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	38.6	38.4	38.3	39.0	-	.7	.9	1.3	1.7
396	Costume jewelry and notions	-	38.1	38.6	38.8	38.4	-	2.3	2.2	2.2	2.4
393,9	Other manufacturing industries	39.1	38.8	39.1	38.7	39.0	-	1.9	2.1	2.2	2.2
393	Musical instruments and parts	-	39.8	40.9	38.6	39.0	-	2.0	2.8	1.6	1.5
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	40.2	39.7	39.9	40.5	39.9	-	3.5	3.4	3.9	3.5
201	Meat products	40.3	40.0	39.9	40.9	40.7	-	4.2	3.7	4.3	4.2
2011	Meat packing plants	-	42.0	42.0	41.9	41.6	-	-	-	-	-
2013	Sausages and other prepared meats	-	39.2	39.4	40.7	40.1	-	-	-	-	-
2015	Poultry dressing plants	-	37.1	36.7	39.4	39.3	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1971P	Apr. 1971P	Mar. 1971	May 1970	Apr. 1970	May 1971P	Apr. 1971P	Mar. 1971	May 1970	Apr. 1970
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	\$140.56	\$139.74	\$139.59	\$133.63	\$131.11	\$3.42	\$3.40	\$3.39	\$3.22	\$3.19
2024	Ice cream and frozen desserts	-	128.48	129.28	131.24	123.91	-	3.22	3.20	3.11	3.09
2026	Fluid milk	-	146.91	146.91	141.02	138.02	-	3.54	3.54	3.39	3.35
203	Canned, cured, and frozen foods	-	107.05	107.14	104.13	99.91	-	2.87	2.79	2.67	2.65
2031,6	Canned, cured, and frozen sea foods	-	93.36	86.63	87.96	82.60	-	2.53	2.38	2.45	2.36
2032,3	Canned food, except sea foods	-	117.44	120.34	112.40	109.73	-	3.14	3.07	2.86	2.88
2037	Frozen fruits and vegetables	-	94.98	94.75	99.39	93.41	-	2.56	2.50	2.43	2.42
204	Grain mill products	(*)	149.64	149.82	141.88	138.56	(*)	3.48	3.46	3.21	3.20
2041	Flour and other grain mill products	-	155.93	152.06	146.05	139.96	-	3.56	3.52	3.26	3.21
2042	Prepared feeds for animals and fowls	-	136.53	137.81	127.29	124.52	-	3.11	3.09	3.81	2.83
205	Bakery products	133.77	131.48	130.47	124.66	121.20	3.43	3.38	3.38	3.18	3.14
2051	Bread, cake, and related products	-	132.70	131.67	125.90	123.38	-	3.42	3.42	3.22	3.18
2052	Cookies and crackers	-	128.05	126.75	118.69	112.42	-	3.25	3.25	3.02	2.99
206	Sugar	-	140.91	144.28	136.35	136.42	-	3.66	3.69	3.35	3.36
207	Confectionery and related products	115.94	115.94	114.65	105.60	106.59	2.95	2.95	2.91	2.75	2.74
2071	Confectionery products	-	111.93	110.37	100.93	102.80	-	2.87	2.83	2.67	2.67
208	Beverages	154.82	154.80	152.06	146.65	141.02	3.89	3.87	3.84	3.63	3.57
2082	Malt liquors	-	205.82	204.68	195.16	185.95	-	5.02	4.98	4.68	4.58
2086	Bottled and canned soft drinks	-	115.24	111.64	111.35	107.96	-	2.91	2.87	2.77	2.74
209	Misc. foods and kindred products	134.40	132.60	131.84	125.46	122.81	3.27	3.25	3.20	3.06	3.01
21	TOBACCO MANUFACTURES	125.39	120.64	114.45	110.03	110.56	3.24	3.20	3.11	2.99	2.98
211	Cigarettes	-	144.75	133.59	128.43	130.18	-	3.75	3.66	3.49	3.49
212	Cigars	-	82.80	82.99	79.79	80.29	-	2.25	2.28	2.18	2.17
22	TEXTILE MILL PRODUCTS	104.86	101.75	102.51	96.47	96.56	2.57	2.55	2.55	2.43	2.42
221	Weaving mills, cotton	(*)	101.85	102.62	97.61	98.74	(*)	2.54	2.54	2.41	2.42
222	Weaving mills, synthetics	109.78	106.60	104.75	99.79	99.63	2.62	2.60	2.58	2.47	2.46
223	Weaving and finishing mills, wool	104.02	103.35	107.20	103.41	102.67	2.64	2.65	2.66	2.51	2.48
224	Narrow fabric mills	100.69	97.17	99.20	96.56	97.77	2.48	2.46	2.48	2.42	2.42
225	Knitting mills	95.45	91.88	93.10	89.21	89.44	2.46	2.45	2.45	2.36	2.36
2251	Women's hosiery, except socks	-	82.36	83.78	84.45	85.38	-	2.36	2.36	2.32	2.32
2252	Hosiery, n e c	-	78.05	79.70	78.32	78.11	-	2.23	2.22	2.14	2.14
2253	Knit outerwear mills	-	96.13	97.52	93.37	92.37	-	2.51	2.52	2.47	2.45
2254	Knit underwear mills	-	85.47	86.94	79.72	80.01	-	2.31	2.30	2.19	2.18
226	Textile finishing, except wool	116.03	116.88	116.88	104.19	104.96	2.73	2.75	2.75	2.56	2.56
227	Floor covering mills	-	108.65	108.77	102.87	104.24	-	2.65	2.64	2.54	2.53
228	Yarn and thread mills	101.09	98.81	98.23	90.12	89.72	2.43	2.41	2.39	2.27	2.26
229	Miscellaneous textile goods	(*)	116.00	117.71	108.54	108.67	(*)	2.85	2.85	2.70	2.67
23	APPAREL AND OTHER TEXTILE PRODUCTS	86.70	85.85	87.79	82.84	83.90	2.47	2.46	2.48	2.36	2.37
231	Men's and boys' suits and coats	(*)	100.57	99.50	101.89	102.82	(*)	3.02	2.97	2.87	2.88
232	Men's and boys' furnishings	80.01	78.34	77.69	75.56	75.71	2.18	2.17	2.17	2.07	2.08
2321	Men's and boys' shirts and nightwear	-	75.33	73.83	74.87	74.62	-	2.14	2.14	2.04	2.05
2327	Men's and boys' separate trousers	-	79.18	80.04	75.40	74.57	-	2.14	2.14	2.06	2.06
2328	Men's and boys' work clothing	-	74.46	75.30	73.77	73.57	-	2.08	2.08	2.01	2.01
233	Women's and misses' outerwear	87.58	88.97	92.04	82.33	85.85	2.63	2.64	2.66	2.51	2.54
2331	Women's and misses' blouses and waists	-	80.78	83.28	76.16	77.29	-	2.39	2.40	2.26	2.26
2335	Women's and misses' dresses	-	92.57	94.46	83.32	89.24	-	2.78	2.77	2.62	2.68
2337	Women's and misses' suits and coats	-	93.83	101.44	91.49	89.43	-	2.96	3.01	2.85	2.83
2339	Women's and misses' outerwear, n e c	-	81.62	83.22	77.44	80.50	-	2.28	2.28	2.20	2.23
234	Women's and children's undergarments	80.68	79.68	81.36	76.17	76.95	2.26	2.27	2.26	2.17	2.18
2341	Women's and children's underwear	-	77.22	79.78	74.62	75.40	-	2.20	2.21	2.12	2.13
2342	Corsets and allied garments	-	85.85	85.92	80.74	82.02	-	2.46	2.40	2.32	2.33
235	Hats, caps, and millinery	-	81.62	84.94	79.06	78.84	-	2.28	2.34	2.19	2.19
236	Children's outerwear	82.95	79.70	82.82	79.39	77.44	2.33	2.31	2.32	2.23	2.20
2361	Children's dresses and blouses	-	80.85	84.71	79.92	77.09	-	2.33	2.34	2.22	2.19
237,8	Fur goods and miscellaneous apparel	-	87.65	90.72	86.94	88.20	-	2.49	2.52	2.47	2.45
239	Misc. fabricated textile products	96.57	94.32	96.46	91.51	90.04	2.61	2.57	2.60	2.48	2.44
2391,2	Housefurnishings	-	83.55	82.21	78.26	78.54	-	2.24	2.24	2.15	2.14
26	PAPER AND ALLIED PRODUCTS	152.82	150.90	149.76	142.12	140.53	3.63	3.61	3.60	3.40	3.37
261,2,6	Paper and pulp mills	175.03	172.57	170.60	164.93	163.24	3.96	3.94	3.94	3.74	3.71
263	Paperboard mills	182.86	181.89	178.57	167.08	163.56	4.10	4.06	4.04	3.78	3.76
264	Misc. converted paper products	134.87	130.94	131.86	123.82	123.32	3.33	3.29	3.28	3.08	3.06
2643	Bags, except textile bags	-	125.05	126.80	117.60	119.77	-	3.19	3.17	2.94	2.95
265	Paperboard containers and boxes	(*)	135.74	134.27	126.32	124.40	(*)	3.36	3.34	3.15	3.11
2651,2	Folding and setup paperboard boxes	-	125.61	124.97	116.92	115.84	-	3.18	3.18	2.96	2.94
2653	Corrugated and solid fiber boxes	-	143.53	140.88	133.98	129.52	-	3.51	3.47	3.30	3.23
2654	Sanitary food containers	-	135.53	130.57	124.53	123.93	-	3.25	3.24	3.09	3.06

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	41.1	41.1	41.1	41.5	41.1	-	3.6	3.6	4.3	3.7
2024	Ice cream and frozen desserts	-	39.9	40.4	42.2	40.1	-	-	-	-	-
2026	Fluid milk	-	41.5	41.5	41.6	41.2	-	-	-	-	-
203	Canned, cured, and frozen foods	-	37.3	38.4	39.0	37.7	-	2.3	2.6	3.2	2.7
2031,6	Canned, cured and frozen sea foods	-	36.9	36.4	35.9	35.0	-	-	-	-	-
2032,3	Canned food, except sea foods	-	37.4	39.2	39.3	38.1	-	-	-	-	-
2037	Frozen fruits and vegetables	-	37.1	37.9	40.9	38.6	-	-	-	-	-
204	Grain mill products	(*)	43.0	43.3	44.2	43.3	-	5.0	5.3	6.1	5.4
2041	Flour and other grain mill product	-	43.8	43.2	44.8	43.6	-	-	-	-	-
2042	Prepared feeds for animals and fowls	-	43.9	44.6	45.3	44.0	-	-	-	-	-
205	Bakery products	3.90	38.9	38.6	39.2	38.6	-	2.9	2.7	3.3	2.9
2051	Bread, cake, and related products	-	38.8	38.5	39.1	38.8	-	-	-	-	-
2052	Cookies and crackers	-	39.4	39.0	39.3	37.6	-	-	-	-	-
206	Sugar	-	38.5	39.1	40.7	40.6	-	2.9	3.3	3.7	3.7
207	Confectionery and related products	39.3	39.3	39.4	38.4	38.9	-	2.4	2.4	2.2	2.4
2071	Confectionery products	-	39.0	39.0	37.8	38.5	-	-	-	-	-
208	Beverages	39.8	40.0	39.6	40.4	39.5	-	3.2	3.0	3.7	3.0
2082	Malt liquors	-	41.0	41.1	41.7	40.6	-	-	-	-	-
2086	Bottled and canned soft drinks	-	39.6	38.9	40.2	39.4	-	-	-	-	-
209	Misc. foods and kindred products	41.1	40.8	41.2	41.0	40.8	-	3.9	4.1	4.3	4.0
21	TOBACCO MANUFACTURES	38.7	37.7	36.8	36.8	37.1	-	1.0	.9	1.1	1.6
211	Cigarettes	-	38.6	36.5	36.8	37.3	-	.9	.7	1.0	2.0
212	Cigars	-	36.8	36.4	36.6	37.0	-	1.1	1.2	1.2	1.1
22	TEXTILE MILL PRODUCTS	40.8	39.9	40.2	39.7	39.9	-	3.3	3.4	3.2	3.3
221	Weaving mills, cotton	(*)	40.1	40.4	40.5	40.8	-	3.4	3.5	3.8	3.9
222	Weaving mills, synthetics	41.9	41.0	40.6	40.4	40.5	-	3.3	3.2	3.2	3.4
223	Weaving and finishing mills, wool	39.4	39.0	40.3	41.2	41.4	-	2.5	3.1	3.7	3.9
224	Narrow fabric mills	40.6	39.5	40.0	39.9	40.4	-	2.2	2.5	2.3	2.7
225	Knitting mills	38.8	37.5	38.0	37.8	37.9	-	2.3	2.6	2.4	2.3
2251	Women's hosiery, except socks	-	34.9	35.5	36.4	36.8	-	-	-	-	-
2252	Hosiery, n e c	-	35.0	35.9	36.6	36.5	-	-	-	-	-
2253	Knit outerwear mills	-	38.3	38.7	37.8	37.7	-	-	-	-	-
2254	Knit underwear mills	-	37.0	37.8	36.4	36.7	-	-	-	-	-
226	Textile finishing, except wool	42.5	42.5	42.5	40.7	41.0	-	4.8	5.0	3.7	3.9
227	Floor covering mills	-	41.0	41.2	40.5	41.2	-	3.8	3.7	2.9	3.2
228	Yarn and thread mills	41.6	41.0	41.1	39.7	39.7	-	4.0	4.2	3.5	3.4
229	Miscellaneous textile goods	(*)	40.7	41.3	40.2	40.7	-	3.5	3.6	3.6	3.7
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.1	34.9	35.4	35.1	35.4	-	1.1	1.2	1.1	1.1
231	Men's and boys' suits and coats	(*)	33.3	33.5	35.5	35.7	-	.6	.7	.8	1.0
232	Men's and boys' furnishings	36.7	36.1	35.8	36.5	36.4	-	1.1	1.0	1.1	1.1
2321	Men's and boys' shirts and nightwear	-	35.2	34.5	36.7	36.4	-	-	-	-	-
2327	Men's and boys' separate trousers	-	37.0	37.4	36.6	36.2	-	-	-	-	-
2328	Men's and boys' work clothing	-	35.8	36.2	36.7	36.6	-	-	-	-	-
233	Women's and misses' outerwear	33.3	33.7	34.6	32.8	33.8	-	1.1	1.4	1.0	1.1
2331	Women's and misses' blouses and waists	-	33.8	34.7	33.7	34.2	-	-	-	-	-
2335	Women's and misses' dresses	-	33.3	34.1	31.8	33.3	-	-	-	-	-
2337	Women's and misses' suits and coats	-	31.7	33.7	32.1	31.6	-	-	-	-	-
2339	Women's and misses' outerwear, n e c	-	35.8	36.5	35.2	36.1	-	-	-	-	-
234	Women's and children's undergarments	35.7	35.1	36.0	35.1	35.3	-	.8	1.0	.8	.8
2341	Women's and children's underwear	-	35.1	36.1	35.2	35.4	-	-	-	-	-
2342	Corsets and allied garments	-	34.9	35.8	34.8	35.2	-	-	-	-	-
235	Hats, caps, and millinery	-	35.8	36.3	36.1	36.0	-	.8	1.2	1.0	1.1
236	Children's outerwear	35.6	34.5	35.7	35.6	35.2	-	.9	1.4	1.1	.9
2361	Children's dresses and blouses	-	34.7	36.2	36.0	35.2	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	-	35.2	36.0	35.2	36.0	-	.7	1.0	.8	.9
239	Misc. fabricated textile products	37.0	36.7	37.1	36.9	36.9	-	1.6	1.6	1.4	1.5
2391,2	Housefurnishings	-	37.3	36.7	36.4	36.7	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	42.1	41.8	41.6	41.8	41.7	-	4.3	4.2	4.6	4.5
261,2,6	Paper and pulp mills	44.2	43.8	43.3	44.1	44.0	-	5.8	5.5	6.2	6.2
263	Paperboard mills	44.6	44.8	44.2	44.2	43.5	-	7.3	6.8	7.2	6.6
264	Misc. converted paper products	40.5	39.8	40.2	40.2	40.3	-	2.6	3.0	2.9	3.1
2643	Bags, except textile bags	-	39.2	40.0	40.0	40.6	-	-	-	-	-
265	Paperboard containers and boxes	(*)	40.4	40.2	40.1	40.0	-	3.1	3.1	3.4	3.3
2651,2	Folding and setup paperboard boxes	-	39.5	39.3	39.5	39.4	-	-	-	-	-
2653	Corrugated and solid fiber boxes	-	40.9	40.6	40.6	40.1	-	-	-	-	-
2654	Sanitary food containers	-	41.7	40.3	40.3	40.5	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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**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				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	\$156.79	\$154.05	\$153.38	\$145.89	\$145.15	\$4.17	\$4.13	\$4.09	\$3.88	\$3.85
271	Newspapers	160.41	158.45	154.16	149.10	148.45	4.57	4.54	4.43	4.20	4.17
272	Periodicals	-	170.28	177.94	168.49	165.64	-	4.30	4.34	4.15	4.10
273	Books	-	142.78	146.20	134.85	130.68	-	3.68	3.72	3.44	3.43
275	Commercial printing	(*)	158.91	158.56	150.90	150.15	(*)	4.16	4.14	3.94	3.89
2751	Commercial printing, ex. lithographic	-	153.87	152.36	145.16	146.69	-	4.06	4.02	3.83	3.82
2752	Commercial printing, lithographic	-	167.09	168.83	159.88	155.20	-	4.34	4.34	4.11	4.00
278	Blankbooks and bookbinding	119.70	118.31	117.18	111.97	113.02	3.15	3.13	3.10	2.97	2.99
274,6,7,9	Other publishing & printing ind.	(*)	151.07	151.22	141.75	142.88	(*)	4.05	3.99	3.77	3.76
28	CHEMICALS AND ALLIED PRODUCTS	161.77	162.15	158.98	151.42	150.18	3.87	3.87	3.84	3.64	3.61
281	Industrial chemicals	181.02	179.75	177.24	169.64	168.00	4.31	4.29	4.23	4.02	4.00
2812	Alkalies and chlorine	-	175.53	177.21	172.89	169.24	-	4.25	4.27	4.03	4.02
2818	Industrial organic chemicals, n e c.	-	195.89	188.58	181.05	180.20	-	4.62	4.49	4.26	4.24
2819	Industrial inorganic chemicals, n e c.	-	167.69	167.68	160.58	158.98	-	4.08	4.07	3.86	3.84
282	Plastics materials and synthetics	(*)	161.83	156.38	150.48	148.04	(*)	3.79	3.75	3.60	3.55
2821	Plastics materials and resins	-	174.03	170.43	162.35	159.85	-	4.01	4.01	3.82	3.77
2823,4	Synthetic fibers	-	148.61	141.51	137.69	135.22	-	3.53	3.46	3.35	3.29
283	Drugs	150.69	152.18	152.22	141.40	140.88	3.73	3.73	3.74	3.50	3.47
2834	Pharmaceutical preparations	-	146.93	146.65	134.19	135.14	-	3.61	3.63	3.38	3.37
284	Soap, cleaners, and toilet goods	155.57	158.71	157.47	148.37	147.02	3.87	3.89	3.85	3.61	3.63
2841	Soap and other detergents	-	194.81	192.46	189.45	185.89	-	4.74	4.66	4.50	4.49
2844	Toilet preparations	-	131.70	131.95	119.36	120.30	-	3.26	3.25	2.94	3.00
285	Paints and allied products	153.41	148.92	146.25	141.29	136.80	3.67	3.65	3.62	3.48	3.42
287	Agricultural chemicals	(*)	138.84	134.59	128.14	130.98	(*)	3.12	3.13	2.98	2.95
2871,2	Fertilizers, complete & mixing only	-	136.34	129.77	123.82	125.83	-	2.99	2.99	2.84	2.79
286,9	Other chemical products	153.41	151.16	148.83	141.73	140.90	3.67	3.66	3.63	3.44	3.42
2892	Explosives	-	152.83	152.76	143.92	141.69	-	3.84	3.80	3.58	3.56
29	PETROLEUM AND COAL PRODUCTS	195.57	193.31	187.26	181.90	179.77	4.58	4.57	4.48	4.25	4.26
291	Petroleum refining	205.16	203.89	196.30	189.06	188.58	4.85	4.82	4.73	4.48	4.49
295,9	Other petroleum and coal products	165.44	158.15	158.30	158.42	151.36	3.76	3.73	3.69	3.56	3.52
30	RUBBER AND PLASTICS PRODUCTS, N E C	135.41	133.27	132.47	123.29	127.35	3.36	3.34	3.32	3.09	3.16
301	Tires and inner tubes	184.23	180.23	175.47	172.19	178.50	4.45	4.45	4.42	4.21	4.20
302,3,6	Other rubber products	128.55	126.87	127.04	122.19	122.49	3.23	3.22	3.20	3.07	3.07
302	Rubber footwear	-	108.70	108.74	102.96	106.40	-	2.78	2.76	2.64	2.68
307	Miscellaneous plastics products	120.60	118.90	119.10	111.95	111.56	3.00	2.98	2.97	2.82	2.81
31	LEATHER AND LEATHER PRODUCTS	98.16	95.98	96.09	93.38	90.02	2.59	2.58	2.59	2.49	2.48
311	Leather tanning and finishing	134.06	132.33	132.51	124.93	125.45	3.31	3.30	3.28	3.10	3.09
314	Footwear, except rubber	94.88	92.50	92.23	91.13	87.36	2.51	2.50	2.52	2.43	2.42
312,3,5,7,8	Other leather products	(*)	93.10	94.37	87.72	85.56	(*)	2.53	2.53	2.41	2.41
316	Luggage	-	94.78	96.68	92.16	90.50	-	2.64	2.62	2.56	2.50
317	Handbags and personal leather goods	-	89.41	92.63	84.35	80.61	-	2.47	2.49	2.33	2.35
-	TRANSPORTATION AND PUBLIC UTILITIES	165.24	162.41	161.60	153.12	149.25	4.07	4.05	4.03	3.79	3.75
	RAILROAD TRANSPORTATION										
4011	Class I railroads ²	-	(*)	(*)	170.82	168.78	-	(*)	(*)	3.90	3.81
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	146.32	146.67	141.79	139.28	-	3.56	3.56	3.36	3.34
413	Intercity highway transportation	-	169.74	164.79	166.36	163.90	-	4.15	4.13	3.98	3.94
42	TRUCKING AND WAREHOUSING	-	173.42	173.03	150.96	143.39	-	4.24	4.21	3.70	3.63
421,3	Trucking and trucking terminals	-	177.12	176.75	154.16	145.76	-	4.32	4.29	3.76	3.69
422	Public warehousing	-	124.55	123.64	118.78	117.21	-	3.21	3.13	3.03	2.99
46	PIPE LINE TRANSPORTATION	-	201.13	196.73	183.56	185.59	-	4.87	4.81	4.51	4.56
48	COMMUNICATION	-	136.26	135.87	132.16	129.87	-	3.53	3.52	3.38	3.33
481	Telephone communication	-	133.13	133.13	129.81	127.47	-	3.44	3.44	3.32	3.26
4817	Switchboard operating employees ³	-	101.27	99.07	94.05	90.97	-	2.91	2.88	2.75	2.66
4818	Line construction employees ⁴	-	190.80	192.50	181.19	177.60	-	4.24	4.24	4.09	4.00
482	Telegraph communication ⁵	-	161.63	160.09	154.94	149.16	-	3.83	3.83	3.57	3.56
483	Radio and television broadcasting	-	154.50	153.03	144.02	143.26	-	4.12	4.07	3.80	3.76

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May p 1971	Apr. p 1971	Mar. 1971	May 1970	Apr. 1970	May p 1971	Apr. p 1971	Mar. 1971	May 1970	Apr. 1970
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	37.6	37.3	37.5	37.6	37.7	-	2.5	2.5	2.8	2.7
271	Newspapers	35.1	34.9	34.8	35.5	35.6	-	2.3	2.0	2.7	2.6
272	Periodicals	-	39.6	41.0	40.6	40.4	-	3.2	3.8	4.4	3.7
273	Books	(*)	38.8	39.3	39.2	38.1	-	2.6	3.2	2.8	2.3
275	Commercial printing	-	38.2	38.3	38.3	38.6	-	2.8	2.9	3.1	3.1
2751	Commercial printing, ex. lithographic	-	37.9	37.9	37.9	38.4	-	-	-	-	-
2752	Commercial printing, lithographic	-	38.5	38.9	38.9	38.8	-	-	-	-	-
278	Blankbooks and bookbinding	38.0	37.8	37.8	37.7	37.8	-	1.7	1.7	1.7	1.9
274,6,7,9	Other publishing & printing ind.	(*)	37.3	37.9	37.6	38.0	-	2.0	2.1	2.0	2.4
28	CHEMICALS AND ALLIED PRODUCTS ..	41.8	41.9	41.4	41.6	41.6	-	3.2	2.9	3.1	3.2
281	Industrial chemicals	42.0	41.9	41.9	42.2	42.0	-	3.1	3.0	3.5	3.5
2812	Alkalies and chlorine	-	41.3	41.5	42.9	42.1	-	-	-	-	-
2818	Industrial organic chemicals, nec.	-	42.4	42.0	42.5	42.5	-	-	-	-	-
2819	Industrial inorganic chemicals, nec.	-	41.1	41.2	41.6	41.4	-	-	-	-	-
282	Plastics materials and synthetics	(*)	42.7	41.7	41.8	41.7	-	3.3	2.6	2.6	2.6
2821	Plastics materials and resins	-	43.4	42.5	42.5	42.4	-	-	-	-	-
2823,4	Synthetic fibers	-	42.1	40.9	41.1	41.1	-	-	-	-	-
283	Drugs	40.4	40.8	40.7	40.4	40.6	-	2.8	2.6	2.3	2.7
2834	Pharmaceutical preparations	-	40.7	40.4	39.7	40.1	-	-	-	-	-
284	Soap, cleaners, and toilet goods	40.2	40.8	40.9	41.1	40.5	-	2.6	2.7	2.9	2.7
2841	Soap and other detergents	-	41.1	41.3	42.1	41.4	-	-	-	-	-
2844	Toilet preparations	-	40.4	40.6	40.6	40.1	-	-	-	-	-
285	Paints and allied products	41.8	40.8	40.4	40.6	40.0	-	2.6	2.2	2.7	2.3
287	Agricultural chemicals	(*)	44.5	43.0	43.0	44.4	-	7.0	5.1	6.0	7.0
2871,2	Fertilizers, complete & mixing only.	-	45.6	43.4	43.6	45.1	-	-	-	-	-
286,9	Other chemical products	41.8	41.3	41.0	41.2	41.2	-	2.8	2.7	2.7	2.8
2892	Explosives	-	39.8	40.2	40.2	39.8	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	42.7	42.3	41.8	42.8	42.2	-	3.4	3.0	4.0	3.6
291	Petroleum refining	42.3	42.3	41.5	42.2	42.0	-	2.9	2.2	3.2	3.1
295,9	Other petroleum and coal products	44.0	42.4	42.9	44.5	43.0	-	5.2	5.7	6.8	5.3
30	RUBBER AND PLASTICS PRODUCTS, NEC. ..	40.3	39.9	39.9	39.9	40.3	-	2.6	2.7	3.1	3.3
301	Tires and inner tubes	41.4	40.5	39.7	40.9	42.5	-	3.0	2.7	4.1	4.8
302,3,6	Other rubber products	39.8	39.4	39.7	39.8	39.9	-	2.1	2.3	2.7	2.9
302	Rubber footwear	-	39.1	39.4	39.0	39.7	-	2.2	2.5	2.4	2.7
307	Miscellaneous plastics products	40.2	39.9	40.1	39.7	39.7	-	2.9	3.0	3.1	3.1
31	LEATHER AND LEATHER PRODUCTS	37.9	37.2	37.1	37.5	36.3	-	1.5	1.7	1.9	1.6
311	Leather tanning and finishing	40.5	40.1	40.4	40.3	40.6	-	3.5	3.5	3.7	3.9
314	Footwear, except rubber	37.8	37.0	36.6	37.5	36.1	-	1.4	1.6	1.9	1.4
312,3,5-7,9	Other leather products	(*)	36.8	37.3	36.4	35.5	-	1.3	1.5	1.2	1.2
316	Luggage	-	35.9	36.9	36.0	36.2	-	.7	.9	.9	1.0
317	Handbags and personal leather goods ..	-	36.2	37.2	36.2	34.3	-	1.1	1.7	1.1	1.2
-	TRANSPORTATION AND PUBLIC UTILITIES	40.6	40.1	40.1	40.4	39.8	-	-	-	-	-
4011	RAILROAD TRANSPORTATION: Class 1 railroads ²	-	(*)	(*)	43.8	44.3	-	-	-	-	-
411	LOCAL AND INTERURBAN PASSENGER TRANSIT: Local and suburban transportation	-	41.1	41.2	42.2	41.7	-	-	-	-	-
413	Intercity highway transportation	-	40.9	39.9	41.8	41.6	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	-	40.9	41.1	40.8	39.5	-	-	-	-	-
421,3	Trucking and trucking terminals	-	41.0	41.2	41.0	39.5	-	-	-	-	-
422	Public warehousing	-	38.8	39.5	39.2	39.2	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	41.3	40.9	40.7	40.7	-	-	-	-	-
48	COMMUNICATION	-	38.6	38.6	39.1	39.0	-	-	-	-	-
481	Telephone communication	-	38.7	38.7	39.1	39.1	-	-	-	-	-
4817	Switchboard operating employees ³	-	34.8	34.4	34.2	34.2	-	-	-	-	-
4818	Line construction employees ⁴	-	45.0	45.4	44.3	44.4	-	-	-	-	-
482	Telegraph communication ⁵	-	42.2	41.8	43.4	41.9	-	-	-	-	-
483	Radio and television broadcasting	-	37.5	37.6	37.9	38.1	-	-	-	-	-

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				
		May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$ 181.31	\$ 179.66	\$ 172.22	\$ 169.33	-	\$ 4.39	\$ 4.35	\$ 4.13	\$ 4.09
491	Electric companies and systems	-	184.68	183.06	175.56	173.89	-	4.45	4.39	4.18	4.15
492	Gas companies and systems	-	162.41	161.60	155.77	152.22	-	4.01	3.99	3.79	3.74
493	Combination companies and systems	-	200.45	197.96	188.07	184.26	-	4.83	4.77	4.51	4.44
494-7	Water, steam, & sanitary systems	-	153.41	151.89	144.07	141.86	-	3.67	3.66	3.48	3.46
-	WHOLESALE AND RETAIL TRADE	\$ 99.53	98.83	98.55	94.50	93.88	\$ 2.86	2.84	2.84	2.70	2.69
50	WHOLESALE TRADE	143.78	142.63	142.16	136.06	135.66	3.64	3.62	3.59	3.41	3.40
501	Motor vehicles & automotive equipment	-	132.33	134.46	128.70	126.14	-	3.35	3.37	3.17	3.13
502	Drugs, chemicals, and allied products	-	143.96	142.78	138.55	136.64	-	3.72	3.68	3.58	3.54
503	Dry goods and apparel	-	130.59	131.32	125.15	125.56	-	3.52	3.53	3.41	3.44
504	Groceries and related products	-	134.06	133.28	126.80	125.53	-	3.42	3.40	3.21	3.17
506	Electrical goods	-	140.00	141.05	140.08	136.85	-	3.50	3.50	3.25	3.19
507	Hardware, plumbing & heating equipment	-	138.55	137.60	130.40	130.00	-	3.49	3.44	3.26	3.25
508	Machinery, equipment, and supplies	-	158.34	157.14	148.19	149.29	-	3.90	3.88	3.65	3.65
509	Miscellaneous wholesalers	-	144.67	143.45	137.24	136.81	-	3.70	3.65	3.51	3.49
52-59	RETAIL TRADE	85.58	85.17	84.66	81.41	80.25	2.57	2.55	2.55	2.43	2.41
53	Retail general merchandise	-	77.81	77.06	74.42	74.10	-	2.47	2.47	2.37	2.36
531	Department stores	-	82.06	80.13	77.81	77.00	-	2.63	2.61	2.51	2.50
532	Mail order houses	-	101.28	101.68	91.55	91.19	-	2.73	2.69	2.55	2.54
533	Variety stores	-	57.04	57.04	55.67	57.68	-	1.96	1.96	1.90	1.91
54	Food stores	-	90.69	90.06	85.81	84.64	-	2.87	2.85	2.69	2.67
541-3	Grocery, meat, and vegetable stores	-	92.86	92.22	87.63	86.18	-	2.92	2.90	2.73	2.71
56	Apparel and accessory stores	-	75.13	72.38	70.88	69.66	-	2.37	2.32	2.25	2.24
561	Men's & boys' clothing & furnishings	-	91.18	85.92	88.22	85.76	-	2.73	2.66	2.61	2.56
562	Women's ready-to-wear stores	-	67.58	65.75	62.72	62.10	-	2.18	2.17	2.07	2.07
565	Family clothing stores	-	72.76	71.26	69.93	69.18	-	2.14	2.14	2.10	2.09
566	Shoe stores	-	76.45	71.44	70.20	67.56	-	2.54	2.35	2.34	2.29
57	Furniture and home furnishings stores	-	111.07	111.07	107.53	105.20	-	3.01	3.01	2.93	2.89
571	Furniture and home furnishings	-	111.14	111.44	107.75	105.62	-	3.02	3.02	2.92	2.87
58	Eating and drinking places ⁶	-	59.06	58.78	57.04	56.18	-	1.93	1.94	1.84	1.83
52,55,59	Other retail trade	-	106.88	105.00	101.41	100.77	-	2.82	2.80	2.69	2.68
52	Building materials and farm equipment	-	117.01	115.34	111.16	110.21	-	2.94	2.92	2.80	2.79
551,2	Motor vehicle dealers	-	142.10	138.51	133.57	133.09	-	3.50	3.42	3.29	3.27
553,9	Other automotive & accessory dealers	-	119.65	117.86	111.93	109.75	-	2.89	2.84	2.73	2.69
591	Drug stores and proprietary stores	-	77.67	77.42	72.38	72.38	-	2.45	2.45	2.32	2.32
594	Book and stationery stores	-	87.05	87.51	84.33	82.83	-	2.63	2.62	2.54	2.51
598	Fuel and ice dealers	-	126.63	127.39	118.12	118.56	-	3.15	3.13	2.86	2.85
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	121.03	119.93	119.56	111.57	111.81	3.28	3.25	3.24	3.04	3.03
60	Banking	-	107.30	106.27	101.57	101.38	-	2.90	2.88	2.76	2.74
61	Credit agencies other than banks	-	109.42	109.71	103.14	103.79	-	2.91	2.91	2.78	2.79
612	Savings and loan associations	-	106.85	105.74	100.65	102.40	-	2.88	2.85	2.75	2.76
62	Security, commodity brokers & services	-	204.17	200.41	162.43	169.95	-	5.43	5.33	4.39	4.52
63	Insurance carriers	-	125.09	125.49	120.66	119.19	-	3.39	3.41	3.27	3.23
631	Life insurance	-	126.35	127.79	122.28	120.78	-	3.50	3.53	3.35	3.30
632	Accident and health insurance	-	118.35	118.45	111.57	110.60	-	3.19	3.21	3.04	3.03
633	Fire, marine, and casualty insurance	-	125.25	125.29	121.92	119.73	-	3.34	3.35	3.26	3.21
-	SERVICES	102.04	102.30	102.30	96.04	95.70	3.01	3.00	3.00	2.80	2.79
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶	-	70.93	70.77	67.23	66.74	-	2.08	2.10	1.96	1.94
721	Laundries and dry cleaning plants	-	80.96	79.57	78.12	77.40	-	2.30	2.28	2.17	2.15
722	Photographic studios	-	99.37	97.55	90.14	88.10	-	2.73	2.68	2.49	2.51
781	Motion pictures: Motion picture filming & distributing	-	182.02	180.38	172.87	173.18	-	4.88	4.81	4.41	4.51

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1971 ^p	Apr. 1971 ^p	Mar. 1971	May 1970	Apr. 1970	May 1971 ^p	Apr. 1971 ^p	Mar. 1971	May 1970	Apr. 1970
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.3	41.3	41.7	41.4	-	-	-	-	-
491	Electric companies and systems.....	-	41.5	41.7	42.0	41.9	-	-	-	-	-
492	Gas companies and systems.....	-	40.5	40.5	41.1	40.7	-	-	-	-	-
493	Combination companies and systems..	-	41.5	41.5	41.7	41.5	-	-	-	-	-
494-7	Water, steam & sanitary systems.....	-	41.8	41.5	41.4	41.0	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE.....	34.8	34.8	34.7	35.0	34.9	-	-	-	-	-
50	WHOLESALE TRADE.....	39.5	39.4	39.6	39.9	39.9	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	39.5	39.9	40.6	40.3	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	38.7	38.8	38.7	38.6	-	-	-	-	-
503	Dry goods and apparel.....	-	37.1	37.2	36.7	36.5	-	-	-	-	-
504	Groceries and related products.....	-	39.2	39.2	39.5	39.6	-	-	-	-	-
506	Electrical goods.....	-	40.0	40.3	43.1	42.9	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	39.7	40.0	40.0	40.0	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.6	40.5	40.6	40.9	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	39.1	39.3	39.1	39.2	-	-	-	-	-
52-59	RETAIL TRADE.....	33.3	33.4	33.2	33.5	33.3	-	-	-	-	-
53	Retail general merchandise.....	-	31.5	31.2	31.4	31.4	-	-	-	-	-
531	Department stores.....	-	31.2	30.7	31.0	30.8	-	-	-	-	-
532	Mail order houses.....	-	37.1	37.8	35.9	35.9	-	-	-	-	-
533	Variety stores.....	-	29.1	29.1	29.3	30.2	-	-	-	-	-
54	Food stores.....	-	31.6	31.6	31.9	31.7	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	31.8	31.8	32.1	31.8	-	-	-	-	-
56	Apparel and accessory stores.....	-	31.7	31.2	31.5	31.1	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.4	32.3	33.8	33.5	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	31.0	30.3	30.3	30.0	-	-	-	-	-
565	Family clothing stores.....	-	34.0	33.3	33.3	33.1	-	-	-	-	-
566	Shoe stores.....	-	30.1	30.4	30.0	29.5	-	-	-	-	-
57	Furniture and home furnishings stores..	-	36.9	36.9	36.7	36.4	-	-	-	-	-
571	Furniture and home furnishings.....	-	36.8	36.9	36.9	36.8	-	-	-	-	-
58	Eating and drinking places ⁶	-	30.6	30.3	31.0	30.7	-	-	-	-	-
52,55,59	Other retail trade.....	-	37.9	37.5	37.7	37.6	-	-	-	-	-
52	Building materials and farm equipment	-	39.8	39.5	39.7	39.5	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.6	40.5	40.6	40.7	-	-	-	-	-
553,9	Other automotive & accessory dealers..	-	41.4	41.5	41.0	40.8	-	-	-	-	-
591	Drug stores and proprietary stores...	-	31.7	31.6	31.2	31.2	-	-	-	-	-
594	Book and stationery stores.....	-	33.1	33.4	33.2	33.0	-	-	-	-	-
598	Fuel and ice dealers.....	-	40.2	40.7	41.3	41.6	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	36.9	36.9	36.9	36.7	36.9	-	-	-	-	-
60	Banking.....	-	37.0	36.9	36.8	37.0	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.6	37.7	37.1	37.2	-	-	-	-	-
612	Savings and loan associations.....	-	37.1	37.1	36.6	37.1	-	-	-	-	-
62	Security, commodity brokers & services..	-	37.6	37.6	37.0	37.6	-	-	-	-	-
63	Insurance carriers.....	-	36.9	36.8	36.9	36.9	-	-	-	-	-
631	Life insurance.....	-	36.1	36.2	36.5	36.6	-	-	-	-	-
632	Accident and health insurance.....	-	37.1	36.9	36.7	36.5	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.5	37.4	37.4	37.3	-	-	-	-	-
-	SERVICES.....	33.9	34.1	34.1	34.3	34.3	-	-	-	-	-
701	Hotels and other lodging places; Hotels, tourist courts, and motels ⁶ ...	-	34.1	33.7	34.3	34.4	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	35.2	34.9	36.0	36.0	-	-	-	-	-
722	Photographic studios.....	-	36.4	36.4	36.2	35.1	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	37.3	37.5	39.2	38.4	-	-	-	-	-

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

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

³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

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

*Not available.

p = preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

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

Item	1971			1970									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
EXECUTIVE BRANCH													
Total employment	2,610.8	2,608.4	2,602.2	2,656.6	2,611.1	2,606.6	2,611.9	2,637.4	2,662.9	2,672.7	2,728.6	2,802.0	2,721.7
Average weekly hours	39.3	39.5	39.3	42.9	39.7	39.6	39.4	39.2	39.3	38.9	38.2	37.9	38.2
Average overtime hours . . . . .	.8	.8	.9	3.8	.9	1.0	.9	.9	.8	.8	.8	.9	.9
Indexes (1967=100):													
Average weekly earnings	140.5	139.8	138.8	149.5	134.8	133.1	131.9	128.8	127.0	127.3	125.8	122.7	118.4
Average hourly earnings	140.8	139.5	139.2	137.3	133.8	132.4	131.9	129.5	127.3	128.9	129.7	127.6	122.2
DEPARTMENT OF DEFENSE													
Total employment	1,000.5	998.9	999.9	1,003.8	1,006.8	1,009.1	1,013.4	1,021.9	1,034.5	1,044.7	1,048.1	1,053.4	1,057.3
Average weekly hours	40.1	40.1	40.0	40.0	40.2	40.2	39.9	40.0	39.9	39.3	39.7	40.0	40.0
Average overtime hours . . . . .	.8	.8	.8	.8	.8	.8	.8	.7	.7	.8	.7	.7	.8
Indexes (1967=100):													
Average weekly earnings	141.3	141.5	140.1	136.8	135.1	132.4	131.4	128.5	127.9	129.4	131.3	129.8	123.9
Average hourly earnings	142.0	142.2	141.1	137.9	135.4	132.7	132.7	129.4	129.2	132.7	133.2	130.8	124.8
POST OFFICE DEPARTMENT													
Total employment	718.0	718.7	720.6	776.8	725.0	718.0	718.7	723.5	726.8	723.9	716.5	716.0	713.9
Average weekly hours	38.3	39.2	38.8	51.3	39.5	39.1	38.9	38.8	38.5	38.7	38.7	39.0	38.0
Average overtime hours . . . . .	.7	.8	1.1	11.4	1.2	1.5	.9	.9	.7	.9	1.2	1.6	1.3
Indexes (1967=100):													
Average weekly earnings	134.6	137.8	136.1	195.7	136.3	135.6	133.7	132.7	121.6	123.2	123.8	125.4	115.0
Average hourly earnings	135.7	135.7	135.4	147.3	133.2	133.8	132.6	132.0	122.0	122.9	123.5	124.1	116.8
OTHER AGENCIES													
Total employment	892.3	890.8	881.7	876.0	879.3	879.5	879.8	892.0	901.6	904.1	964.0	1,032.6	950.5
Average weekly hours	39.2	39.2	39.1	39.1	39.2	39.2	39.2	38.5	39.2	38.6	36.1	34.9	36.5
Average overtime hours . . . . .	.8	.8	.8	.8	.9	1.0	1.1	.9	1.0	.9	.7	.7	.8
Indexes (1967=100):													
Average weekly earnings	141.5	142.3	141.9	134.4	135.0	133.5	133.0	127.7	131.0	129.5	121.6	114.4	116.2
Average hourly earnings	140.1	140.8	140.8	133.4	133.7	132.2	131.7	128.7	129.7	130.2	130.7	127.2	123.5

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

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

Major industry group	Average hourly earnings excluding overtime ¹				
	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
MANUFACTURING	\$ 3.43	\$ 3.42	\$ 3.40	\$ 3.22	\$ 3.21
DURABLE GOODS	3.66	3.64	3.63	3.42	3.40
Ordnance and accessories	-	3.70	3.66	3.50	3.49
Lumber and wood products	-	2.95	2.93	2.79	2.76
Furniture and fixtures	-	2.79	2.77	2.68	2.66
Stone, clay, and glass products	-	3.42	3.40	3.21	3.18
Primary metal industries	-	4.01	3.98	3.76	3.73
Fabricated metal products	-	3.58	3.55	3.39	3.36
Machinery, except electrical	-	3.84	3.82	3.62	3.60
Electrical equipment and supplies	-	3.40	3.39	3.18	3.16
Transportation equipment	-	4.26	4.26	3.92	3.89
Instruments and related products	-	3.41	3.40	3.21	3.20
Miscellaneous manufacturing industries	-	2.88	2.86	2.73	2.73
NONDURABLE GOODS	3.13	3.12	3.10	2.94	2.93
Food and kindred products	-	3.24	3.21	3.01	2.99
Tobacco manufactures	-	3.16	3.08	2.95	2.92
Textile mill products	-	2.45	2.45	2.33	2.33
Apparel and other textile products	-	2.43	2.43	2.33	2.33
Paper and allied products	-	3.44	3.42	3.23	3.20
Printing and publishing	-	(²)	(²)	(²)	(²)
Chemicals and allied products	-	3.72	3.71	3.51	3.48
Petroleum and coal products	-	4.39	4.33	4.06	4.09
Rubber and plastics products, n e c	-	3.24	3.21	2.98	3.04
Leather and leather products	-	2.53	2.53	2.43	2.43

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		
	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970
TOTAL PRIVATE:	\$	\$	\$	\$	\$	\$	\$	\$	\$
Current dollars.....	124.05	124.02	117.34	100.45	100.42	94.35	108.97	108.95	102.95
1967 dollars.....	103.20	103.52	101.86	83.57	83.82	81.90	90.66	90.94	89.37
MINING:									
Current dollars.....	170.45	168.40	163.35	136.40	134.78	128.86	146.66	144.95	139.63
1967 dollars.....	141.81	140.57	141.80	113.48	112.50	111.86	122.01	120.99	121.21
CONTRACT CONSTRUCTION:									
Current dollars.....	203.87	204.42	192.91	162.74	163.17	151.33	174.56	175.02	164.00
1967 dollars.....	169.61	170.63	167.46	135.39	136.20	131.36	145.22	146.09	142.36
MANUFACTURING:									
Current dollars.....	139.08	139.74	131.80	111.95	112.45	105.18	120.94	121.47	114.37
1967 dollars.....	115.71	116.64	114.41	93.14	93.86	91.30	100.62	101.39	99.28
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars.....	162.41	161.60	149.25	130.04	129.40	118.05	139.95	139.28	128.04
1967 dollars.....	135.12	134.89	129.56	108.19	108.01	102.47	116.43	116.26	111.15
WHOLESALE AND RETAIL TRADE:									
Current dollars.....	98.83	98.55	93.88	81.63	81.42	76.64	89.31	89.90	84.43
1967 dollars.....	82.22	82.26	81.49	67.91	67.96	66.53	74.30	74.37	73.29
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars.....	119.93	119.56	111.81	97.29	97.01	90.21	105.77	105.48	98.56
1967 dollars.....	99.78	99.80	97.06	80.94	80.98	78.31	88.00	88.05	85.56
SERVICES:									
Current dollars.....	102.30	102.30	95.70	84.21	84.21	78.05	92.04	92.04	85.89
1967 dollars.....	85.11	85.39	83.07	70.06	70.29	67.75	76.57	76.83	74.56
CONSUMER PRICE INDEX (All items, 1967 = 100).....	120.2	119.8	115.2	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1967 = 100				
	May 1971 ^P	Apr. 1971 ^P	Mar. 1971	May 1970	Apr. 1970
	Man-hours				
TOTAL	93.5	91.7	91.1	97.6	98.0
MINING	102.0	99.0	96.8	100.6	101.1
CONTRACT CONSTRUCTION	98.6	94.8	87.7	104.2	101.6
MANUFACTURING	92.3	90.9	91.5	96.3	97.3
DURABLE GOODS	89.4	87.8	88.7	95.6	96.6
Ordnance and accessories.....	56.6	56.2	58.7	78.2	79.5
Lumber and wood products.....	96.4	93.2	92.5	95.8	94.2
Furniture and fixtures.....	97.6	94.6	95.6	94.2	97.5
Stone, clay, and glass products.....	98.9	96.8	95.3	101.0	101.3
Primary metal industries.....	95.3	94.5	93.4	97.1	98.1
Fabricated metal products.....	93.9	92.0	90.0	98.1	99.4
Machinery, except electrical.....	80.3	80.3	82.1	94.7	97.7
Electrical equipment and supplies.....	88.0	86.0	87.4	95.0	96.6
Transportation equipment.....	87.7	85.9	90.4	94.2	93.1
Instruments and related products.....	87.6	86.3	87.3	97.7	99.7
Miscellaneous manufacturing industries.....	91.5	88.8	88.4	94.0	94.3
NONDURABLE GOODS	96.6	95.3	95.7	97.4	98.3
Food and kindred products.....	92.3	91.1	91.8	95.9	93.5
Tobacco manufactures.....	71.6	71.9	71.7	74.5	75.8
Textile mill products.....	96.8	94.5	95.3	97.0	98.3
Apparel and other textile products.....	96.2	94.7	96.8	94.7	96.2
Paper and allied products.....	98.1	97.5	96.9	101.4	102.0
Printing and publishing.....	98.8	97.8	98.8	100.6	102.1
Chemicals and allied products.....	101.1	101.3	99.6	102.6	103.9
Petroleum and coal products.....	101.8	99.6	97.7	102.9	100.7
Rubber and plastics products, nec.....	107.2	104.1	103.8	99.2	109.3
Leather and leather products.....	87.9	86.4	85.6	90.9	87.9
	Payrolls				
MINING	129.0	124.9	121.5	119.9	120.2
CONTRACT CONSTRUCTION	133.6	127.1	117.5	129.2	125.8
MANUFACTURING	115.9	113.6	114.0	113.9	114.2

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.

p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

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

Industry	1971					1970							
	May p	Apr. p	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
TOTAL PRIVATE	37.0	37.0	37.0	36.9	37.1	37.0	36.9	36.9	36.8	37.2	37.3	37.2	37.1
MINING	42.8	42.4	42.9	42.7	42.8	43.0	42.8	42.7	42.0	42.2	42.5	42.4	42.6
CONTRACT CONSTRUCTION	37.0	37.4	37.9	36.8	37.1	38.0	37.1	36.9	35.1	37.3	37.4	37.6	38.1
MANUFACTURING	39.9	39.7	39.9	39.5	39.8	39.6	39.6	39.4	39.3	39.8	40.1	39.8	39.8
<i>Overtime hours</i>	2.8	2.8	2.8	2.9	2.8	2.7	2.7	2.8	2.8	3.0	3.0	3.1	2.9
DURABLE GOODS	40.5	40.1	40.5	40.1	40.4	40.1	40.0	39.9	39.8	40.3	40.7	40.4	40.3
<i>Overtime hours</i>	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.6	2.7	2.9	3.1	3.2	3.0
Ordnance and accessories	41.8	41.6	42.1	41.7	41.2	40.6	40.2	40.1	39.7	40.4	40.3	40.6	40.8
Lumber and wood products	40.1	40.1	40.0	40.1	39.4	39.9	39.9	39.2	39.6	39.8	39.8	39.6	39.7
Furniture and fixtures	40.1	39.5	39.7	39.3	39.5	39.6	39.4	39.2	38.3	39.0	39.3	38.9	38.8
Stone, clay, and glass products	41.4	41.2	41.8	41.4	41.2	41.4	41.1	41.0	40.9	41.0	41.2	41.1	41.3
Primary metal industries	41.1	40.7	40.7	40.6	40.3	39.9	39.6	39.9	40.9	40.4	40.7	40.4	40.2
Fabricated metal products	40.4	40.0	40.3	40.2	40.5	40.3	40.0	40.1	39.8	40.6	41.3	40.9	40.6
Machinery, except electrical	40.4	40.0	40.2	40.1	40.2	40.4	40.6	40.4	40.1	40.9	41.1	41.1	41.1
Electrical equipment and supplies	40.0	39.8	39.8	39.2	39.8	39.7	39.6	39.7	39.2	39.9	40.4	39.5	39.7
Transportation equipment	40.5	40.2	41.9	41.5	41.3	40.2	39.9	39.8	39.8	40.7	41.2	41.6	40.3
Instruments and related products	39.9	39.7	39.7	39.3	39.7	39.6	40.0	39.8	39.4	40.0	40.3	40.2	40.1
Miscellaneous manufacturing industries	38.8	38.7	38.8	37.8	38.8	38.8	38.6	38.3	38.1	38.6	39.1	38.6	38.7
NONDURABLE GOODS	39.3	39.2	39.1	38.9	39.3	39.1	38.9	38.9	38.6	39.1	39.3	39.0	39.1
<i>Overtime hours</i>	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	3.0	2.9	3.0	3.0
Food and kindred products	40.4	40.4	40.4	40.7	40.8	40.5	40.4	40.5	40.0	40.7	40.2	40.3	40.7
Tobacco manufactures	39.0	38.9	37.9	36.1	39.4	39.0	38.4	38.1	36.1	37.4	37.9	37.4	37.1
Textile mill products	40.9	40.6	40.3	40.1	40.4	39.7	39.6	39.6	38.8	39.9	40.3	40.0	39.8
Apparel and other textile products	35.1	35.0	35.2	34.7	35.2	35.4	35.4	34.9	34.2	35.1	35.5	35.2	35.1
Paper and allied products	42.1	42.2	41.8	41.8	41.9	41.5	41.6	41.7	41.4	41.7	41.7	41.6	41.8
Printing and publishing	37.7	37.5	37.5	37.3	37.7	37.6	37.5	37.4	37.4	37.6	37.9	37.7	37.7
Chemicals and allied products	41.7	41.7	41.4	41.5	41.6	41.4	41.3	41.3	42.0	41.3	41.5	41.5	41.5
Petroleum and coal products	42.4	42.0	42.2	43.3	42.6	43.5	43.0	43.2	43.0	43.1	42.6	42.6	42.5
Rubber and plastics products, nec	40.4	40.3	40.2	40.0	40.1	39.5	39.4	39.6	40.0	40.4	40.8	40.4	40.0
Leather and leather products	38.1	38.3	37.4	36.6	37.0	37.3	37.1	37.0	36.5	36.8	37.6	37.6	37.7
TRANSPORTATION AND PUBLIC UTILITIES	40.8	40.5	40.5	40.3	40.1	39.9	40.2	40.5	40.5	40.6	40.7	40.6	40.6
WHOLESALE AND RETAIL TRADE	35.2	35.2	35.0	35.0	35.0	35.1	35.3	35.3	35.2	35.4	35.4	35.4	35.4
WHOLESALE TRADE	39.7	39.6	39.7	39.6	39.7	39.9	39.8	39.9	39.7	39.9	40.0	39.9	40.1
RETAIL TRADE	33.7	33.8	33.6	33.5	33.6	33.6	33.8	33.8	33.8	33.9	33.9	33.8	33.9
FINANCE, INSURANCE, AND REAL ESTATE	37.0	36.9	36.9	36.8	36.7	36.6	36.8	36.7	36.7	36.9	36.8	36.7	36.8
SERVICES	34.1	34.2	34.1	34.2	34.2	34.4	34.4	34.4	34.5	34.7	34.6	34.4	34.5

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED
C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted

1967 = 100

Industry	1971					1970							
	May p	Apr. p	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
TOTAL	94.1	93.8	94.0	93.2	94.1	94.6	92.1	92.4	94.6	96.6	97.9	97.9	98.3
MINING	101.5	100.1	101.5	101.1	101.7	101.8	101.7	100.8	99.0	99.0	99.7	99.9	100.2
CONTRACT CONSTRUCTION	98.7	100.5	100.2	95.3	97.6	103.0	100.0	98.6	93.1	100.8	101.4	102.1	104.4
MANUFACTURING	93.1	92.5	92.7	92.5	93.3	92.9	90.4	91.1	94.7	95.8	97.2	97.1	97.1
DURABLE GOODS	89.5	88.6	89.3	89.2	89.8	89.6	85.7	86.9	92.9	93.9	95.5	95.6	95.7
Ordnance and accessories	57.5	56.7	59.1	60.8	62.4	63.7	65.3	67.3	69.9	71.7	72.7	76.5	79.2
Lumber and wood products	95.9	95.1	95.1	95.3	92.9	93.3	94.1	93.0	93.9	93.6	93.6	93.9	95.3
Furniture and fixtures	99.9	97.1	97.0	96.1	96.8	96.8	97.1	96.9	95.4	95.8	96.8	95.6	96.1
Stone, clay, and glass products	98.5	97.9	99.1	98.7	98.3	99.3	97.8	98.6	99.3	98.6	98.9	99.8	100.5
Primary metal industries	94.0	93.0	93.1	92.5	91.8	90.7	89.2	92.1	98.3	95.7	96.5	95.9	95.7
Fabricated metal products	94.4	93.3	91.2	93.2	93.9	94.1	90.1	91.9	97.2	98.5	100.0	98.9	98.5
Machinery, except electrical	80.1	79.6	80.7	81.1	82.1	83.8	84.9	85.5	88.2	90.4	92.8	93.2	94.5
Electrical equipment and supplies	89.7	88.1	88.3	86.7	88.5	88.8	88.0	90.6	92.8	95.1	98.0	96.4	96.7
Transportation equipment	87.1	86.9	90.6	90.6	91.3	87.8	68.0	68.6	90.2	92.2	93.7	96.0	93.6
Instruments and related products	88.3	87.1	87.1	87.3	89.2	89.3	90.9	91.5	92.6	94.3	96.4	96.9	98.7
Miscellaneous manufacturing industries	92.5	91.4	91.1	90.1	92.5	93.1	90.3	90.7	92.0	93.5	95.0	94.6	95.4
NONDURABLE GOODS	98.3	98.1	97.7	97.3	98.3	97.7	97.4	97.1	97.3	98.5	99.8	99.4	99.2
Food and kindred products	98.0	99.1	99.6	100.7	100.7	99.8	99.3	98.8	98.3	100.4	99.6	100.8	101.9
Tobacco manufactures	84.9	86.1	81.2	79.8	87.1	84.9	86.3	84.3	79.8	90.6	89.2	88.0	88.6
Textile mill products	97.4	96.5	95.8	95.8	97.1	94.9	94.3	94.6	93.7	96.1	97.3	96.9	97.6
Apparel and other textile products	96.3	95.8	95.8	93.4	95.4	95.9	95.4	93.7	92.9	95.0	97.5	95.9	95.0
Paper and allied products	98.9	99.5	98.4	98.8	99.6	98.8	99.4	99.1	99.8	100.0	100.7	101.4	102.3
Printing and publishing	99.4	98.5	99.0	98.7	100.0	100.3	99.7	99.6	100.2	100.1	101.5	100.8	101.1
Chemicals and allied products	100.8	100.1	99.4	100.0	100.6	100.1	100.2	101.2	103.4	101.0	102.0	101.7	102.2
Petroleum and coal products	101.4	100.5	101.8	103.6	101.9	103.2	102.0	102.5	101.1	103.1	102.8	102.8	102.5
Rubber and plastics products, nec	108.5	106.2	105.5	103.3	102.5	100.8	100.5	102.0	106.2	106.5	110.3	106.8	100.3
Leather and leather products	89.1	90.2	86.5	84.9	86.5	86.9	87.1	87.8	86.9	88.0	92.5	92.8	92.4

¹ For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.
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 1971 p	April 1971 p	March 1971	April 1971 to May 1971	March 1971 to April 1971	May 1970 to May 1971
TOTAL - ALL INDUSTRIES	138,309	137,740	137,894	5.1	- 1.3	-0.5
TOTAL - PRIVATE	111,946	111,628	111,627	3.5	0.0	-1.1
MINING	1,391	1,374	1,392	15.9	-14.5	1.3
CONTRACT CONSTRUCTION	6,293	6,400	6,413	-18.3	- 2.4	-5.2
MANUFACTURING	38,661	38,458	38,606	6.5	- 4.5	-4.3
TRANSPORTATION AND PUBLIC UTILITIES	9,543	9,448	9,511	12.8	- 7.7	-0.9
WHOLESALE AND RETAIL TRADE	27,881	27,740	27,575	6.3	7.4	1.2
FINANCE, INSURANCE, AND REAL ESTATE	7,280	7,226	7,201	9.3	4.2	3.5
SERVICES	20,897	20,982	20,929	- 4.8	3.1	0.7
GOVERNMENT	26,363	26,112	26,267	12.2	- 6.9	2.0

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

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

³ Percent change compounded at annual rates.

p=preliminary.

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

**OUTPUT PER MAN-HOUR
SEASONALLY ADJUSTED**

**C-10: Output per man-hour, hourly compensation, and unit labor costs,
private economy,¹ seasonally adjusted**

(Indexes 1967 = 100)

Year and quarter	Output		Man-hours ²		Output per man-hour		Compensation per man-hour ³		Real compensation per man-hour ⁴		Unit labor costs		Unit nonlabor payments ⁵		Implicit price deflator	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1968: 1st quarter	102.8	102.8	100.9	100.9	101.9	101.9	104.8	104.7	102.4	102.4	102.9	102.8	101.0	101.2	102.1	102.2
2d quarter	104.6	104.9	101.8	102.0	102.7	102.8	106.4	106.2	102.7	102.6	103.5	103.3	102.6	102.8	103.2	103.1
3d quarter	105.7	106.0	102.3	102.7	103.3	103.2	108.5	108.0	103.5	103.1	105.1	104.7	102.3	102.7	104.0	103.9
4th quarter	106.5	106.7	102.6	103.0	103.8	103.6	110.7	110.3	104.5	104.0	106.7	106.5	102.6	102.7	105.1	105.1
Annual average	104.9	105.1	101.9	102.1	102.9	102.9	107.6	107.3	103.3	103.0	104.6	104.3	102.1	102.3	103.6	103.6
1969: 1st quarter	107.2	107.4	103.5	104.1	103.6	103.2	112.4	111.8	104.8	104.2	108.5	108.3	103.0	103.0	106.3	106.3
2d quarter	107.8	108.2	104.3	105.0	103.4	103.1	114.0	113.4	104.5	103.9	110.3	110.0	103.4	103.0	107.6	107.3
3d quarter	108.5	108.9	104.5	105.5	103.8	103.2	116.3	115.4	105.1	104.3	112.1	111.8	103.7	103.4	108.8	108.6
4th quarter	108.2	108.7	104.1	105.2	104.0	103.3	118.8	117.5	105.9	104.7	114.3	113.8	103.5	103.2	110.1	109.7
Annual average	107.9	108.3	104.1	104.9	103.7	103.2	115.4	114.5	105.1	104.3	111.3	111.0	103.3	103.2	108.2	108.0
1970: 1st quarter	107.4	107.9	103.9	105.2	103.3	102.6	120.8	119.4	106.0	104.8	116.9	116.4	102.9	102.2	111.5	111.0
2d quarter	107.6	108.0	103.1	104.3	104.3	103.6	122.4	121.2	105.7	104.7	117.3	117.0	105.1	104.6	112.6	112.3
3d quarter	108.0	108.5	102.5	103.6	105.4	104.7	124.7	123.5	106.5	105.5	118.3	117.9	107.0	106.7	113.9	113.7
4th quarter	106.8	107.0	101.3	102.6	105.4	104.3	126.7	125.3	106.9	105.7	120.2	120.1	108.1	108.4	115.5	115.7
Annual average	107.4	107.9	102.7	103.9	104.6	103.8	123.6	122.3	106.2	105.1	118.2	117.8	105.8	105.5	113.4	113.2
1971: 1st quarter	108.8	109.2	101.7	103.0	107.0	106.1	129.7	128.3	108.5	107.3	121.3	120.9	109.9	110.4	116.9	116.9
Percent change over previous quarter at annual rate ⁶																
1968: 1st quarter	6.1	6.2	1.1	1.5	4.9	4.6	11.2	10.6	6.7	6.2	6.0	5.7	- 0.8	0.0	3.3	3.5
2d quarter	7.2	8.2	3.7	4.2	3.4	3.9	6.1	5.7	1.3	0.9	2.6	1.8	6.6	6.4	4.1	3.5
3d quarter	4.3	4.2	2.0	2.8	2.2	1.4	8.4	7.0	3.1	1.9	6.0	5.5	- 1.0	- 0.4	3.3	3.2
4th quarter	3.1	2.8	1.2	1.3	1.8	1.4	8.5	8.7	3.6	3.8	6.5	7.2	1.1	0.4	4.4	4.6
1969: 1st quarter	2.8	2.6	3.4	4.2	- 0.5	- 1.5	6.2	5.5	1.2	0.5	6.7	7.1	1.4	1.1	4.7	4.8
2d quarter	2.1	3.1	3.3	3.6	- 1.1	- 0.4	5.9	5.8	- 0.9	- 1.0	7.1	6.3	1.5	0.0	4.9	3.9
3d quarter	2.5	2.5	0.9	1.9	1.6	0.6	8.2	7.3	2.3	1.4	6.5	6.6	1.1	1.5	4.5	4.7
4th quarter	- 1.0	- 0.6	- 1.8	- 1.0	0.8	0.3	8.8	7.7	3.0	1.9	8.0	7.3	- 0.8	- 1.0	4.7	4.3
1970: 1st quarter	- 3.0	- 2.9	- 0.5	- 0.1	- 2.5	- 2.9	6.8	6.6	0.5	0.3	9.6	9.8	- 2.0	- 3.8	5.3	4.8
2d quarter	0.7	0.4	- 3.0	- 3.3	3.7	3.9	5.3	5.9	- 1.1	- 0.6	1.5	1.9	8.6	9.8	4.1	4.6
3d quarter	1.6	1.7	- 2.6	- 2.7	4.3	4.5	7.7	7.9	3.1	3.2	3.3	3.2	7.3	8.5	4.7	5.0
4th quarter	- 4.4	- 5.2	- 4.4	- 3.9	0.1	- 1.4	6.7	6.1	1.3	0.7	6.7	7.7	4.3	6.5	5.8	7.2
1971: 1st quarter	7.6	8.4	1.5	1.5	6.1	6.8	9.9	9.8	6.4	6.4	3.6	2.8	7.0	7.4	4.8	4.4
Percent change over previous year ⁷																
Year ending --																
1970: 1st quarter	0.2	0.5	0.5	1.1	- 0.3	- 0.6	7.4	6.8	1.2	0.6	7.8	7.5	0.0	- 0.8	4.8	4.4
2d quarter	- 0.2	- 0.2	- 1.1	- 0.6	0.9	0.5	7.3	6.9	1.2	0.8	6.3	6.4	1.7	1.5	4.6	4.6
3d quarter	- 0.4	- 0.4	- 2.0	- 1.8	1.6	1.4	7.2	7.0	1.4	1.2	5.5	5.5	3.2	3.2	4.7	4.7
4th quarter	- 1.3	- 1.5	- 2.6	- 2.5	1.4	1.0	6.7	6.6	0.9	0.9	5.2	5.6	4.5	5.1	5.0	5.4
1971: 1st quarter	1.3	1.2	- 2.2	- 2.1	3.5	3.4	7.4	7.4	2.4	2.4	3.8	3.9	6.8	8.0	4.8	5.3

¹ The private economy includes government enterprises which cover over half their current operating expenses by the sale of goods and services, e.g., Post Office, TVA, State liquor stores, etc. This comprises about 10 percent of total civilian government employment.

² Man-hours refer to hours paid for all persons—wage and salaried workers, self-employed, unpaid family workers and private household workers—and are based largely on establishment data.

³ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

⁴ Compensation per man-hour adjusted for changes in the Consumer Price Index.

⁵ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁶ Percent change computed from original data.

⁷ Current quarter divided by comparable quarter a year ago.

SOURCE: Output data from the Office of Business Economic, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics, Office of Productivity and Technology. See BLS Handbook of Methods for Surveys and Studies—Chapter 22. Output Per Man-Hour Measures, Private Economy.

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

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

Measure	Percent change over 4-quarter period ¹ ending in--								
	1971	1970				1969			
	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.
Average hourly compensation:									
All persons, total private economy	7.4	6.7	7.2	7.3	7.4	7.3	7.2	7.2	7.3
All employees, private nonfarm economy	7.6	6.7	7.0	6.8	6.8	6.6	6.8	6.7	6.6
Average hourly earnings, private nonfarm economy²:									
Mining	6.4	5.3	6.0	6.0	6.4	7.1	7.0	6.8	6.6
Contract construction	5.9	6.4	6.5	6.6	6.9	7.9	7.7	7.4	7.1
Manufacturing	8.9	8.7	9.5	9.0	10.2	9.7	8.9	8.5	6.6
Transportation and public utilities	6.5	4.4	5.5	5.6	5.6	6.0	6.5	5.9	6.0
Wholesale and retail trade	7.3	6.5	6.1	5.3	5.8	5.9	6.3	6.2	6.4
Finance, insurance, and real estate	5.9	5.5	6.2	6.1	6.6	6.6	6.3	6.0	6.6
Services	6.1	5.5	5.3	4.6	5.0	5.4	5.4	6.4	8.1
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	8.2	8.3	8.3	7.8	8.2	8.0	7.6	8.6	7.7
Average hourly earnings, all Federal executive branch employees³:									
14.4	10.5	10.4	14.8	9.8	9.6	10.4	7.5	6.9	
Average union scales, 7 building trades:									
Wages and selected benefits	13.5	13.0	12.7	12.9	10.1	10.6	9.4	9.8	9.1
Hourly wage rates	12.3	11.9	11.7	11.8	9.1	9.4	8.5	8.7	7.7
Wage rates, hired farm labor	6.2	5.6	6.2	5.1	4.5	6.6	6.6	9.0	10.7
Average weekly earnings, private nonfarm economy:²									
Current dollars	5.3	3.6	4.3	4.4	5.7	6.6	6.4	6.7	6.2
1967 dollars	.4	-2.0	-1.4	-1.6	-.5	.7	.7	1.2	1.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	.6	-1.5	-.9	-1.3	-.4	-.5	-.7	-.2	-.2

¹ Current quarter divided by comparable quarter a year earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted.

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

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

Measure	Percent change over previous quarter at annual rate								
	1971	1970				1969			
	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.
Average hourly compensation:									
All persons, total private economy	9.9	6.7	7.7	5.3	6.8	8.8	8.2	5.9	6.2
All employees, private nonfarm economy	9.9	6.5	8.0	5.9	6.4	7.5	7.3	5.8	5.7
Average hourly earnings, private nonfarm economy¹:									
Mining	8.4	4.6	6.8	6.1	3.9	7.1	6.8	7.9	6.6
Contract construction	5.5	7.1	6.8	4.3	7.4	7.6	7.3	5.4	11.3
Manufacturing	8.7	7.8	11.3	7.9	8.0	10.9	9.0	12.8	6.3
Transportation and public utilities	11.8	.8	7.4	6.2	3.3	5.1	7.8	6.1	4.8
Wholesale and retail trade	8.0	5.2	11.0	5.1	4.8	3.7	7.6	7.3	5.0
Finance, insurance, and real estate	6.9	4.5	8.7	3.6	5.2	7.4	8.2	5.5	5.5
Services	8.3	7.5	8.2	.4	5.9	7.0	5.2	1.9	7.8
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts	9.4	9.7	7.3	6.4	9.7	9.9	5.2	8.1	8.8
Average hourly earnings, all Federal executive branch employees²:									
4.0	3.8	2.6	5.3	1.7	3.7	4.7	2.5	1.1	
Average union scales, 7 building trades:									
Wages and selected benefits	9.3	10.2	7.8	22.5	7.6	9.6	8.0	11.3	8.7
Hourly wage rates	9.0	12.5	8.5	24.9	7.1	11.2	9.3	13.0	9.0
Wage rates, hired farm labor	2.4	(3/)	15.4	7.6	(3/)	2.5	10.6	5.3	8.1
Average weekly earnings, private nonfarm economy:¹									
Current dollars	10.0	2.5	5.8	3.1	2.9	5.4	6.1	8.3	6.4
1967 dollars	5.9	-3.1	1.8	-2.8	-3.8	-.6	.9	1.6	.9
Real spendable earnings (worker and 3 dependents, 1967 dollars)	7.7	-3.3	1.1	-2.8	-1.0	-1.1	-.1	.5	-1.4

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 Less than 0.05 percent.

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

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

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

Measure	Percent change at annual rate over 12-month period ¹ ending in--												
	1971					1970							
	May P	Apr. P	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Average hourly earnings, private nonfarm economy ²	6.3	6.3	6.3	6.3	6.7	5.7	5.1	5.1	5.8	6.2	5.9	5.6	6.0
Mining	6.1	6.1	5.8	6.1	5.9	6.5	6.5	6.3	6.6	6.6	6.4	7.3	6.1
Contract construction	9.4	8.2	8.9	9.3	8.5	8.0	9.1	9.1	8.8	10.4	9.4	9.0	8.2
Manufacturing	6.3	6.3	6.3	6.7	6.4	5.5	4.0	3.7	5.6	5.3	5.6	5.7	5.7
Transportation and public utilities	7.4	8.0	7.4	7.5	7.0	6.7	6.2	6.5	6.0	6.3	6.0	6.1	5.0
Wholesale and retail trade	6.3	6.0	6.0	5.6	6.1	5.3	5.3	5.7	6.2	6.2	6.3	5.9	5.9
Finance, insurance, and real estate	7.9	7.3	6.2	6.3	5.7	5.7	5.0	5.7	5.4	5.4	5.2	3.8	4.8
Services	7.5	7.5	7.5	8.3	8.8	8.5	8.1	8.2	8.6	8.7	7.6	7.6	7.7
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	7.1	7.1	6.9	7.2	7.2	7.2	6.6	6.6	7.1	7.1	6.8	6.6	6.6
Mining	5.7	5.6	4.9	5.3	5.3	5.7	5.4	5.3	5.7	6.0	5.3	5.9	5.7
Contract construction	9.8	8.6	8.8	9.3	8.4	8.1	9.3	9.3	9.0	10.3	9.5	9.9	8.1
Manufacturing	6.7	7.1	7.0	7.2	7.1	7.0	6.0	5.9	6.8	6.5	6.3	6.7	6.5
Transportation and public utilities	7.9	8.0	8.7	7.8	7.6	6.5	6.3	6.6	6.3	6.3	6.2	6.0	5.4
Wholesale and retail trade	6.2	6.1	5.8	5.9	5.8	5.4	5.4	5.9	6.1	6.3	6.0	5.6	6.2
Finance, insurance, and real estate	7.9	7.1	6.5	6.5	6.0	6.1	6.0	6.6	6.4	6.4	6.2	4.9	6.0
Services	7.1	7.3	6.3	7.7	8.8	10.8	8.2	7.9	8.6	8.9	7.7	7.1	7.5
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	15.2	14.2	13.7	11.4	10.0	9.9	9.9	9.9	11.4	15.2	14.8
Average weekly earnings, private nonfarm economy: ²													
Current dollars	6.0	5.7	5.2	5.2	5.6	4.1	3.1	3.5	3.3	4.8	4.8	4.2	4.3
1967 dollars	(*)	1.3	.5	.3	.3	-1.3	-2.3	-2.2	-2.3	-1.8	-1.1	-1.7	-1.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	1.5	.7	.6	.5	-.9	-1.8	-1.8	-1.8	-.4	-.7	-1.3	-1.4

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

* Not available.
 p= preliminary.

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

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

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1971					1970							
	May P	Apr. P	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Average hourly earnings, private nonfarm economy ²	7.5	7.5	6.8	5.6	6.9	7.0	5.1	5.1	5.7	7.1	6.5	4.5	5.2
Mining	4.1	5.2	6.3	6.3	6.3	5.8	8.1	7.0	5.3	5.9	5.4	7.2	4.9
Contract construction	7.5	7.2	8.9	6.9	9.0	8.3	11.2	9.2	8.8	11.8	8.1	7.7	7.0
Manufacturing	9.7	9.7	5.9	6.0	6.6	6.0	3.0	3.0	6.8	7.5	6.2	4.9	5.0
Transportation and public utilities	6.7	6.7	7.3	5.7	6.8	6.9	8.1	9.2	7.6	9.3	7.1	6.6	4.4
Wholesale and retail trade	6.6	5.1	5.9	5.2	6.0	6.8	6.1	6.9	6.1	6.1	6.2	3.8	4.6
Finance, insurance, and real estate	8.5	7.2	9.2	7.2	7.3	8.8	7.4	7.4	3.3	5.4	4.0	2.7	2.7
Services	5.5	7.7	8.5	9.3	10.9	8.7	9.5	7.3	6.5	7.4	6.7	8.3	6.7
Average hourly earnings, private nonfarm economy, ² adjusted for overtime (in manufacturing only) and interindustry employment shifts	7.2	7.2	6.8	7.2	7.5	7.5	7.0	7.0	7.0	7.3	6.8	7.0	6.0
Mining	5.9	5.6	5.3	5.4	6.1	5.6	5.5	5.6	4.6	5.1	4.5	5.8	5.2
Contract construction	8.3	7.7	8.3	7.4	7.6	7.5	11.3	9.5	9.3	11.2	9.1	8.6	7.3
Manufacturing	7.8	8.2	6.5	7.2	7.3	7.3	5.5	6.0	7.5	7.3	6.9	6.6	6.5
Transportation and public utilities	8.4	7.2	7.4	7.5	7.9	6.6	7.4	8.9	9.9	8.2	7.2	6.4	5.2
Wholesale and retail trade	6.6	6.3	5.7	5.5	6.1	6.0	5.7	5.9	5.8	6.3	5.5	4.8	5.1
Finance, insurance, and real estate	8.6	7.4	7.3	6.9	6.4	6.6	7.2	6.9	5.7	6.1	5.5	5.6	4.8
Services	5.3	6.4	7.5	8.6	11.1	9.9	9.1	8.3	5.2	6.9	6.5	11.8	7.3
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	6.7	7.7	9.3	6.5	6.4	3.8	7.9	6.0	4.0	4.6	6.7
Average weekly earnings, private nonfarm economy: ²													
Current dollars	8.5	8.1	8.5	4.6	5.6	5.5	3.5	3.4	2.0	5.8	5.5	2.7	2.8
1967 dollars	(*)	4.2	3.7	-.3	.6	.4	-.9	-1.4	-2.6	1.0	.1	-3.0	-3.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	4.7	3.9	.8	1.4	-.4	-1.2	-1.7	-2.4	.4	-.4	-1.4	-2.5

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

* Not available.
 p= preliminary.

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

**EMPLOYEE COMPENSATION DATA
SEASONALLY ADJUSTED**

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

Measure	1971					1970							
	2d quarter		1st quarter			4th quarter			3d quarter		2d quarter		
	May ^P	Apr. ^P	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Levels													
Average hourly earnings, private nonfarm economy ¹	\$ 3.40	\$ 3.39	\$ 3.38	\$ 3.35	\$ 3.34	\$ 3.32	\$ 3.28	\$ 3.27	\$ 3.27	\$ 3.26	\$ 3.23	\$ 3.21	\$ 3.20
Mining	4.03	4.01	4.01	3.99	3.96	3.94	3.95	3.91	3.89	3.87	3.84	3.83	3.80
Contract construction	5.60	5.56	5.53	5.51	5.47	5.40	5.40	5.37	5.30	5.33	5.24	5.19	5.12
Manufacturing	3.55	3.53	3.52	3.50	3.49	3.46	3.39	3.37	3.42	3.40	3.38	3.36	3.34
Transportation and public utilities	4.07	4.06	4.05	4.02	4.00	3.97	3.94	3.93	3.91	3.91	3.87	3.84	3.79
Wholesale and retail trade	2.85	2.83	2.83	2.81	2.80	2.78	2.76	2.76	2.75	2.74	2.72	2.69	2.68
Finance, insurance, and real estate	3.27	3.24	3.24	3.21	3.17	3.16	3.14	3.13	3.10	3.10	3.06	3.03	3.03
Services	3.02	3.01	3.01	2.99	2.98	2.94	2.94	2.90	2.89	2.86	2.83	2.82	2.81
Wage rates, hired farm labor (quarterly data)	-	1.72	-	-	1.71	-	-	1.71	-	-	1.65	-	-
Average weekly earnings, private nonfarm economy ¹													
Current dollars	125.84	125.43	125.15	123.97	123.69	122.55	120.83	120.64	120.17	121.23	120.37	119.33	118.76
1967 dollars	(*)	104.35	104.35	103.62	103.56	102.80	102.07	102.25	102.47	103.80	103.24	102.60	102.54
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	91.58	91.49	91.06	91.01	89.72	89.35	89.49	89.74	90.71	90.36	89.90	89.87
Indexes, 1967=100													
Average hourly compensation (quarterly data):													
All persons, total private economy	(*)	-	-	129.7	-	-	126.7	-	-	124.7	-	-	122.4
All employees, private nonfarm economy	(*)	-	-	128.4	-	-	125.4	-	-	123.4	-	-	121.1
Average hourly earnings, private nonfarm economy, ¹ adjusted for overtime (in manufacturing only) and interindustry employment shifts													
Mining	128.8	128.1	127.4	127.0	126.1	125.2	124.4	123.7	123.3	122.7	121.6	120.8	120.2
Contract construction	126.2	125.3	124.6	124.2	123.7	123.1	122.6	121.9	121.4	121.0	120.1	119.8	119.4
Manufacturing	136.4	135.1	134.0	133.8	132.0	131.1	131.0	130.2	128.8	129.1	127.3	126.4	124.2
Transportation and public utilities	126.8	126.3	125.6	125.1	124.5	123.8	122.1	121.4	121.7	120.9	120.1	119.5	118.9
Wholesale and retail trade	126.9	125.8	125.2	124.8	124.1	122.4	121.9	121.5	120.8	120.4	119.5	118.5	117.6
Finance, insurance, and real estate	127.4	126.8	126.0	125.5	124.7	123.8	123.4	123.0	122.5	122.2	121.1	120.2	120.0
Services	126.9	125.5	124.6	124.0	122.6	122.1	121.8	121.1	120.2	119.9	118.8	118.2	117.6
Average hourly earnings, all Federal executive branch employees ²	131.3	130.8	130.9	130.1	130.0	128.6	128.0	126.8	126.3	124.8	123.4	122.7	122.6
Average union scales, 7 building trades (quarterly data):													
Wages and selected benefits	(*)	(*)	140.8	139.5	139.2	137.3	133.8	132.4	131.9	129.5	127.3	128.9	129.7
Hourly wage rates	-	140.8	-	-	137.8	-	-	133.8	-	-	131.1	-	-
	-	135.9	-	-	132.9	-	-	129.7	-	-	127.3	-	-

¹ Production and nonsupervisory workers.

² Not seasonally adjusted.

* Not available.

^P preliminary.

Technical description covering tables C-11 through C-15

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

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: Gross hours and earnings of production workers on manufacturing payrolls,
 by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970
ALABAMA	\$120.50	\$118.80	\$113.08	40.3	40.0	40.1	\$2.99	\$2.97	\$2.82
Birmingham	143.37	141.69	135.53	40.5	40.6	40.7	3.54	3.49	3.33
Mobile	(*)	142.00	136.21	(*)	41.4	41.4	(*)	3.43	3.29
ALASKA	(*)	193.49	207.36	(*)	34.8	40.9	(*)	5.56	5.07
ARIZONA	146.01	143.42	129.75	40.9	40.4	39.8	3.57	3.55	3.26
Phoenix	147.10	145.93	130.74	40.3	40.2	39.5	3.65	3.63	3.31
Tucson	134.75	136.17	133.90	39.4	39.7	41.2	3.42	3.43	3.25
ARKANSAS	104.12	101.91	94.67	40.2	39.5	38.8	2.59	2.58	2.44
Fort Smith	98.89	98.42	90.92	39.4	38.9	38.2	2.51	2.53	2.38
Little Rock-North Little Rock	111.10	107.68	101.92	40.4	39.3	39.2	2.75	2.72	2.60
Pine Bluff	127.28	132.57	123.51	39.9	41.3	40.1	3.19	3.21	3.08
CALIFORNIA	156.41	156.02	148.13	39.3	39.3	39.5	3.98	3.97	3.75
Anaheim-Santa Ana-Garden Grove	153.23	155.56	151.03	39.8	40.3	40.6	3.85	3.86	3.72
Bakersfield	152.10	155.24	149.97	38.8	39.4	40.1	3.92	3.94	3.74
Fresno	134.21	132.01	127.71	38.9	38.6	38.7	3.45	3.42	3.30
Los Angeles-Long Beach	150.89	150.11	142.20	39.5	39.4	39.5	3.82	3.81	3.60
Modesto	136.84	136.15	127.62	37.8	37.3	37.1	3.62	3.65	3.44
Oxnard-Ventura	139.94	142.99	130.42	39.2	39.5	38.7	3.57	3.62	3.37
Sacramento	158.80	161.24	150.78	37.9	38.3	37.6	4.19	4.21	4.01
Salinas-Monterey	134.25	130.24	125.77	38.8	37.0	37.1	3.46	3.52	3.39
San Bernardino-Riverside-Ontario	155.17	153.23	144.18	40.2	39.8	39.5	3.86	3.85	3.65
San Diego	165.03	164.67	162.39	39.2	39.3	39.9	4.21	4.19	4.07
San Francisco-Oakland	174.86	173.38	163.38	38.6	38.7	38.9	4.53	4.48	4.20
San Jose	160.90	165.48	156.42	38.4	39.4	39.5	4.19	4.20	3.96
Santa Barbara	139.73	138.00	135.33	38.6	37.5	39.0	3.62	3.68	3.47
Santa Rosa	150.15	149.37	145.33	38.6	39.0	39.6	3.89	3.83	3.67
Stockton	161.99	164.80	144.76	39.9	40.0	38.5	4.06	4.12	3.76
Vallejo-Napa	149.57	148.10	148.21	37.3	37.4	38.9	4.01	3.96	3.81
COLORADO	146.10	146.43	141.80	39.7	39.9	40.4	3.68	3.67	3.51
Denver	150.10	151.60	144.32	39.5	40.0	40.2	3.80	3.79	3.59
CONNECTICUT	143.51	142.71	140.08	40.2	40.2	41.2	3.57	3.55	3.40
Bridgeport	145.96	144.00	143.03	40.1	40.0	41.1	3.64	3.60	3.48
Hartford	150.00	151.47	150.72	40.0	40.5	42.1	3.75	3.74	3.58
New Britain	142.42	140.59	141.78	39.9	39.8	41.7	3.57	3.53	3.40
New Haven	145.89	139.98	139.94	40.3	39.1	40.8	3.62	3.58	3.43
Stamford	149.97	147.26	152.22	40.1	39.8	42.4	3.74	3.70	3.59
Waterbury	138.69	136.20	133.86	41.4	40.9	41.7	3.35	3.33	3.21
DELAWARE	149.31	154.60	131.71	39.5	40.9	39.2	3.78	3.78	3.36
Wilmington	162.66	168.92	146.46	39.1	41.0	39.8	4.16	4.12	3.68
DISTRICT OF COLUMBIA : Washington SMSA	158.76	153.65	147.05	39.2	38.8	38.8	4.05	3.96	3.79
FLORIDA	122.11	121.69	117.14	40.3	40.7	41.1	3.03	2.99	2.85
Fort Lauderdale-Hollywood	130.61	130.22	127.82	39.7	39.7	41.1	3.29	3.28	3.11
Jacksonville	131.65	132.19	128.71	41.4	41.7	42.2	3.18	3.17	3.05
Miami	114.17	115.15	110.42	39.1	39.3	40.3	2.92	2.93	2.74
Orlando	116.82	110.88	118.00	39.6	39.6	40.0	2.95	2.80	2.95
Pensacola	145.60	141.86	137.12	41.6	41.0	41.3	3.50	3.46	3.32
Tampa-St. Petersburg	125.76	123.93	123.26	40.7	40.5	41.5	3.09	3.06	2.97
West Palm Beach	135.79	132.07	131.09	41.4	41.4	42.7	3.28	3.19	3.07
GEORGIA	113.48	112.96	104.41	40.1	40.2	39.7	2.83	2.81	2.63
Atlanta	142.76	145.12	126.99	40.1	40.2	38.6	3.56	3.61	3.29
Savannah	144.58	141.12	127.51	42.4	42.0	41.0	3.41	3.36	3.11
HAWAII	129.59	130.47	131.14	38.8	38.6	40.6	3.34	3.38	3.23
Honolulu	128.48	130.13	133.58	38.7	38.5	41.1	3.32	3.38	3.25
IDAHO	125.35	130.03	118.44	38.1	38.7	37.6	3.29	3.36	3.15
ILLINOIS	154.96	153.74	144.08	39.6	39.8	39.9	3.91	3.86	3.62
Chicago	(*)	153.94	145.58	(*)	39.6	39.9	(*)	3.89	3.64
Davenport-Rock Island-Moline	177.08	177.60	161.10	40.1	40.2	39.9	4.42	4.42	4.03

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970
ILLINOIS (continued)									
Peoria	\$186.89	\$183.74	\$166.94	41.3	40.8	41.3	\$4.52	\$4.50	\$4.05
Rockford	151.61	147.29	144.36	40.1	39.8	40.6	3.78	3.70	3.56
INDIANA	157.61	157.59	146.10	39.8	40.1	39.7	3.96	3.93	3.68
Indianapolis	(*)	158.40	146.83	(*)	40.1	39.9	(*)	3.95	3.68
IOWA	156.82	155.63	144.11	39.7	39.5	39.7	3.95	3.94	3.63
Cedar Rapids	161.58	158.75	148.88	40.7	40.6	40.9	3.97	3.91	3.64
Des Moines	160.27	154.60	150.11	38.9	37.8	39.4	4.12	4.09	3.81
Dubuque	170.00	172.21	163.20	37.2	37.6	38.4	4.57	4.58	4.25
Sioux City	146.62	149.16	129.54	41.3	41.9	38.9	3.55	3.56	3.33
Waterloo	177.20	174.90	162.00	40.0	40.3	40.0	4.43	4.34	4.05
KANSAS	145.41	143.92	132.19	41.0	40.9	42.2	3.54	3.52	3.13
Topeka	157.96	156.24	150.06	41.6	42.0	44.4	3.79	3.72	3.38
Wichita	153.87	154.39	140.90	42.2	42.2	42.6	3.65	3.66	3.30
KENTUCKY	134.11	132.78	126.94	39.1	39.4	39.3	3.43	3.37	3.23
Louisville	155.63	154.43	141.26	39.4	39.7	38.7	3.95	3.89	3.65
LOUISIANA	147.20	142.27	133.99	42.3	41.6	41.1	3.48	3.42	3.26
Baton Rouge	171.79	164.00	159.56	41.0	41.0	42.1	4.19	4.00	3.79
New Orleans	145.25	144.35	134.39	41.5	41.6	40.6	3.50	3.47	3.31
Shreveport	132.57	128.24	117.09	41.3	40.2	38.9	3.21	3.19	3.01
MAINE	109.48	110.32	105.34	39.1	39.4	39.9	2.80	2.80	2.64
Lewiston-Auburn	92.46	89.21	88.19	36.4	35.4	36.9	2.54	2.52	2.39
Portland	123.20	122.21	111.32	40.0	40.2	39.9	3.08	3.04	2.79
MARYLAND	141.81	139.83	133.73	39.5	39.5	39.8	3.59	3.54	3.36
Baltimore	148.83	146.07	137.71	39.9	39.8	39.8	3.73	3.67	3.46
MASSACHUSETTS	131.82	133.57	125.69	39.0	39.4	39.4	3.38	3.39	3.19
Boston	143.96	146.94	135.98	38.7	39.5	39.3	3.72	3.72	3.46
Brockton	113.16	112.13	111.13	37.1	37.5	37.8	3.05	2.99	2.94
Fall River	100.60	99.96	93.72	35.8	35.7	35.1	2.81	2.80	2.67
Lawrence-Haverhill	123.86	125.42	118.99	39.7	40.2	40.2	3.12	3.12	2.96
Lowell	114.76	117.95	108.77	38.0	38.8	37.9	3.02	3.04	2.87
New Bedford	107.34	105.93	100.88	37.4	37.3	37.5	2.87	2.84	2.69
Springfield-Chicopee-Holyoke	129.16	134.64	127.76	38.1	39.6	39.8	3.39	3.40	3.21
Worcester	132.68	132.59	129.36	37.8	38.1	39.2	3.51	3.48	3.30
MICHIGAN	186.04	187.95	165.50	40.7	41.1	40.2	4.57	4.57	4.12
Ann Arbor	197.05	214.83	159.76	41.0	43.0	38.9	4.81	5.00	4.11
Battle Creek	173.50	173.96	165.17	40.7	40.4	41.7	4.26	4.31	3.96
Bay City	176.05	175.44	154.09	42.3	41.9	40.4	4.16	4.19	3.81
Detroit	175.44	192.88	174.75	37.4	40.9	40.2	4.69	4.72	4.35
Flint	217.56	234.36	189.24	40.2	43.4	41.5	5.41	5.40	4.56
Grand Rapids	158.68	156.06	147.50	40.1	39.8	40.4	3.96	3.92	3.65
Jackson	162.40	162.58	153.56	39.0	39.1	38.2	4.16	4.16	4.02
Kalamazoo	174.54	173.30	169.34	41.0	40.7	43.1	4.26	4.26	3.93
Lansing	181.92	224.69	170.90	36.9	44.1	39.8	4.93	5.10	4.29
Muskegon-Muskegon Heights	159.12	154.29	148.22	40.8	39.9	39.6	3.90	3.87	3.74
Saginaw	217.42	231.44	176.78	40.7	43.8	40.5	5.34	5.28	4.37
MINNESOTA	147.26	148.48	139.50	39.3	39.7	39.9	3.74	3.74	3.50
Duluth-Superior	143.94	141.42	129.59	39.8	39.9	39.1	3.62	3.55	3.31
Minneapolis-St. Paul	153.45	155.36	144.84	39.0	39.6	39.9	3.93	3.92	3.63
MISSISSIPPI	102.14	102.00	95.04	39.9	40.0	39.6	2.56	2.55	2.40
Jackson	103.48	101.30	99.12	40.9	40.2	41.3	2.53	2.52	2.40
MISSOURI	139.94	139.52	123.21	39.2	39.3	37.0	3.57	3.55	3.33
Kansas City	139.30	139.55	128.70	39.8	40.1	39.6	3.50	3.48	3.25
St. Joseph	145.88	141.17	139.53	41.8	40.8	41.9	3.49	3.46	3.33
St. Louis	162.00	161.20	136.49	40.0	40.2	36.3	4.05	4.01	3.76
Springfield	117.81	116.22	109.06	39.4	39.0	38.4	2.99	2.98	2.84
MONTANA	154.42	154.81	144.11	39.8	39.9	39.7	3.88	3.88	3.63
NEBRASKA	137.67	138.66	130.63	41.1	41.6	41.6	3.35	3.34	3.14
Lincoln	120.33	125.60	124.93	38.0	39.3	40.8	3.17	3.20	3.06
Omaha	142.08	141.66	133.41	40.7	40.8	41.2	3.49	3.47	3.24

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-16: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970	Apr. 1971 ^P	Mar. 1971	Apr. 1970
NEVADA.....	\$167.53	\$160.00	\$158.00	39.7	40.2	39.6	\$4.22	\$3.98	\$3.99
Las Vegas.....	(*)	185.44	177.11	(*)	41.3	39.8	(*)	4.49	4.45
NEW HAMPSHIRE.....	114.07	114.95	107.09	38.8	39.1	38.8	2.94	2.94	2.76
Manchester.....	102.20	103.57	97.64	37.3	37.8	37.7	2.74	2.74	2.59
NEW JERSEY.....	145.60	147.02	137.70	40.0	40.5	40.5	3.64	3.63	3.40
Atlantic City.....	109.65	115.37	105.74	39.3	41.8	37.9	2.79	2.76	2.79
Camden.....	148.99	146.37	132.83	41.5	41.0	39.3	3.59	3.57	3.38
Jersey City ²	147.78	147.65	140.24	40.6	40.9	40.3	3.64	3.61	3.48
Newark ²	143.84	145.70	138.23	39.3	39.7	40.3	3.66	3.67	3.43
Paterson-Clifton-Passaic ²	142.63	143.24	134.01	39.4	39.9	39.3	3.62	3.59	3.41
Perth Amboy ²	150.84	149.29	140.10	39.8	39.6	39.8	3.79	3.77	3.52
Trenton.....	138.35	140.04	134.70	37.8	38.9	39.5	3.66	3.60	3.41
NEW MEXICO.....	105.07	105.47	103.74	39.8	39.5	39.0	2.64	2.67	2.66
Albuquerque.....	117.38	119.14	111.10	40.2	40.8	40.4	2.92	2.92	2.75
NEW YORK.....	142.80	143.89	132.99	38.7	39.1	39.0	3.69	3.68	3.41
Albany-Schenectady-Troy.....	153.25	160.31	145.48	39.6	41.0	40.3	3.87	3.91	3.61
Binghamton.....	141.10	139.87	136.54	40.2	39.4	41.5	3.51	3.55	3.29
Buffalo.....	171.70	170.87	154.00	40.4	40.3	40.0	4.25	4.24	3.85
Elmira.....	134.35	135.77	125.37	39.4	39.7	39.3	3.41	3.42	3.19
Monroe County ³	174.03	176.26	160.70	40.1	40.8	41.1	4.34	4.32	3.91
Nassau and Suffolk Counties ⁴	142.69	144.54	136.12	39.2	39.6	39.8	3.64	3.65	3.42
New York-Northeastern New Jersey.....	(*)	140.46	131.53	(*)	38.8	38.8	(*)	3.62	3.39
New York SMSA ²	135.74	136.80	127.68	37.6	38.0	38.0	3.61	3.60	3.36
New York City ⁴	133.92	134.61	125.96	37.2	37.6	37.6	3.60	3.58	3.35
Rochester.....	168.82	170.96	156.62	40.1	40.9	41.0	4.21	4.18	3.82
Rockland County ⁴	142.74	140.84	132.92	39.0	38.8	40.4	3.66	3.63	3.29
Syracuse.....	152.69	154.25	141.05	40.5	40.7	40.3	3.77	3.79	3.50
Utica-Rome.....	134.46	135.60	124.73	39.9	40.6	39.1	3.37	3.34	3.19
Westchester County ⁴	143.17	148.55	131.43	38.8	39.3	39.0	3.69	3.78	3.37
NORTH CAROLINA ⁵	99.72	100.61	96.78	38.8	39.3	39.5	2.57	2.56	2.45
Asheville ⁵	97.86	98.95	93.69	39.3	39.9	39.2	2.49	2.48	2.39
Charlotte ⁵	110.97	110.29	101.85	40.5	40.4	40.1	2.74	2.73	2.54
Greensboro-Winston-Salem-High Point ⁵	110.30	107.72	106.47	38.3	38.2	39.0	2.88	2.82	2.73
Raleigh ⁵	109.21	108.40	100.19	40.3	40.0	39.6	2.71	2.71	2.53
NORTH DAKOTA.....	120.63	119.87	117.29	38.3	41.7	40.4	3.15	2.88	2.91
Fargo-Moorhead.....	139.91	144.69	135.37	38.1	39.8	40.0	3.68	3.64	3.39
OHIO.....	166.06	163.62	149.65	40.8	40.5	39.8	4.07	4.04	3.76
Akron.....	176.99	174.90	164.83	40.5	40.3	40.8	4.37	4.34	4.04
Canton.....	164.43	157.19	148.74	40.6	39.2	40.2	4.05	4.01	3.70
Cincinnati.....	158.62	155.86	140.94	41.2	40.8	39.7	3.85	3.82	3.55
Cleveland.....	167.27	164.82	148.57	40.6	40.2	39.2	4.12	4.10	3.79
Columbus.....	150.90	150.91	140.30	39.4	39.3	39.3	3.83	3.84	3.57
Dayton.....	178.45	179.69	171.80	40.1	40.2	41.1	4.45	4.47	4.18
Toledo.....	176.32	172.98	156.02	41.1	40.7	39.6	4.29	4.25	3.94
Youngstown-Warren.....	183.87	182.27	154.43	41.6	41.9	38.9	4.42	4.35	3.97
OKLAHOMA.....	128.72	128.88	124.54	40.1	40.4	40.7	3.21	3.19	3.06
Oklahoma City.....	126.32	125.77	123.49	39.6	39.8	41.3	3.19	3.16	2.99
Tulsa.....	140.48	141.80	136.61	40.6	41.1	40.9	3.46	3.45	3.34
OREGON.....	156.77	154.81	145.47	38.9	38.8	39.0	4.03	3.99	3.73
Eugene.....	169.33	162.79	152.45	41.1	39.9	39.7	4.12	4.08	3.84
Portland.....	150.89	151.28	143.60	38.2	38.3	38.5	3.95	3.95	3.73
PENNSYLVANIA.....	138.45	137.98	130.41	39.0	39.2	39.4	3.55	3.52	3.31
Allentown-Bethlehem-Easton.....	133.38	133.21	127.32	38.0	38.5	38.7	3.51	3.46	3.29
Altoona.....	113.70	113.93	107.44	37.9	37.6	38.1	3.00	3.03	2.82
Delaware Valley ¹	149.33	149.65	138.95	39.4	39.8	39.7	3.79	3.76	3.50
Erie.....	150.38	150.79	139.33	41.2	41.2	41.1	3.65	3.66	3.39
Harrisburg.....	124.87	126.40	123.32	38.9	39.5	40.3	3.21	3.20	3.06
Johnstown.....	148.21	137.62	125.88	38.9	37.6	36.7	3.81	3.66	3.43
Lancaster.....	124.61	125.19	121.90	38.7	39.0	40.1	3.22	3.21	3.04
Philadelphia.....	148.90	148.83	137.81	39.6	39.9	39.6	3.76	3.73	3.48
Pittsburgh.....	160.79	159.99	152.63	40.5	40.3	40.7	3.97	3.97	3.75
Reading.....	126.72	124.53	123.69	38.4	38.2	39.9	3.30	3.26	3.10
Scranton.....	105.61	106.95	102.49	35.8	36.5	37.0	2.95	2.93	2.77
Wilkes-Barre-Hazleton.....	102.82	103.82	98.01	35.7	36.3	35.9	2.88	2.86	2.73
York.....	129.11	128.93	120.47	40.6	40.8	40.7	3.18	3.16	2.96

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-16: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970	Apr. 1971 P	Mar. 1971	Apr. 1970
RHODE ISLAND	\$115.34	\$115.54	\$111.39	39.1	39.3	39.5	\$2.95	\$2.94	\$2.82
Providence-Pawtucket-Warwick	117.11	115.74	112.12	39.3	39.1	39.9	2.98	2.96	2.81
SOUTH CAROLINA	107.83	105.70	100.19	41.0	40.5	40.4	2.63	2.61	2.48
Charleston	126.14	126.79	120.77	40.3	40.9	40.8	3.13	3.10	2.96
Greenville	105.30	103.72	97.84	40.5	40.2	40.1	2.60	2.58	2.44
SOUTH DAKOTA	144.19	132.91	131.12	45.2	42.6	44.0	3.19	3.12	2.98
Sioux Falls	182.67	162.49	158.73	50.6	45.9	48.1	3.61	3.54	3.30
TENNESSEE	115.09	113.72	105.86	40.1	39.9	39.5	2.87	2.85	2.68
Chattanooga	123.64	124.31	113.83	39.5	40.1	39.8	3.13	3.10	2.86
Knoxville	129.68	129.12	108.49	39.9	40.1	36.9	3.25	3.22	2.94
Memphis	129.68	129.92	119.39	40.4	40.6	40.2	3.21	3.20	2.97
Nashville	122.76	120.26	113.65	39.6	39.3	39.6	3.10	3.06	2.87
TEXAS	134.79	134.23	127.89	40.6	40.8	40.6	3.32	3.29	3.15
Amarillo	121.40	121.00	115.02	40.2	40.2	39.8	3.02	3.01	2.89
Austin	114.54	116.75	111.24	41.2	41.4	40.6	2.78	2.82	2.74
Beaumont-Port Arthur-Orange	176.48	175.31	167.22	40.2	40.3	40.1	4.39	4.35	4.17
Corpus Christi	161.25	155.08	151.01	43.0	41.8	42.3	3.75	3.71	3.57
Dallas	123.60	124.53	120.40	40.0	40.3	40.0	3.09	3.09	3.01
El Paso	91.43	89.50	85.72	40.1	39.6	39.5	2.28	2.26	2.17
Fort Worth	139.94	140.08	133.17	40.8	41.2	40.6	3.43	3.40	3.28
Galveston-Texas City	199.66	195.57	194.88	42.3	41.7	43.5	4.72	4.69	4.48
Houston	160.96	159.71	153.24	41.7	41.7	42.1	3.86	3.83	3.64
Lubbock	113.57	111.37	116.87	41.6	41.4	45.3	2.73	2.69	2.58
San Antonio	106.45	107.52	103.25	41.1	42.0	41.8	2.59	2.56	2.47
Waco	110.98	112.40	107.92	38.4	39.3	39.1	2.89	2.86	2.76
Wichita Falls	100.30	98.14	98.15	39.8	39.1	39.9	2.52	2.51	2.46
UTAH	(*)	135.99	131.92	(*)	38.2	38.8	(*)	3.56	3.40
Salt Lake City	(*)	125.02	123.52	(*)	38.0	38.6	(*)	3.29	3.20
VERMONT	127.62	127.62	118.61	41.3	41.3	40.9	3.09	3.09	2.90
Burlington	147.07	153.72	129.56	41.9	43.3	41.0	3.51	3.55	3.16
Springfield	134.20	133.46	129.82	40.3	40.2	39.7	3.33	3.32	3.27
VIRGINIA	112.40	112.24	108.13	39.3	39.8	39.9	2.86	2.82	2.71
Lynchburg	107.69	111.23	104.38	38.6	40.3	40.3	2.79	2.76	2.59
Norfolk-Portsmouth	124.24	118.20	114.21	40.6	39.4	40.5	3.06	3.00	2.82
Richmond	134.13	128.96	120.96	40.4	40.3	39.4	3.32	3.20	3.07
Roanoke	105.99	104.94	102.06	39.4	39.6	40.5	2.69	2.65	2.52
WASHINGTON	164.25	163.46	157.98	39.2	39.2	39.2	4.19	4.17	4.03
Seattle-Everett	171.11	169.06	168.49	39.7	39.5	40.6	4.31	4.28	4.15
Spokane	158.32	156.41	145.90	38.9	39.3	38.7	4.07	3.98	3.77
Tacoma	159.64	159.42	151.68	38.1	38.6	38.4	4.19	4.13	3.95
WEST VIRGINIA	139.98	140.62	134.46	39.1	39.5	39.9	3.58	3.56	3.37
Charleston	170.15	168.09	166.72	41.1	41.3	42.1	4.14	4.07	3.96
Huntington-Ashland	146.30	148.16	138.99	38.5	39.3	38.5	3.80	3.77	3.61
Wheeling	148.34	141.37	137.83	40.2	39.6	40.3	3.69	3.57	3.42
WISCONSIN	152.52	150.91	143.79	40.0	40.0	40.2	3.81	3.77	3.58
Green Bay	157.94	159.17	144.17	42.0	42.6	41.1	3.76	3.74	3.51
Kenosha	157.63	155.33	155.31	38.8	38.4	39.2	4.06	4.04	3.96
La Crosse	129.97	132.77	117.45	40.6	40.9	39.4	3.20	3.25	2.98
Madison	184.32	175.74	154.88	42.1	40.5	39.6	4.38	4.34	3.91
Milwaukee	163.82	161.23	154.24	39.9	39.7	40.0	4.11	4.06	3.86
Racine	156.94	159.08	149.40	39.5	39.8	40.3	3.98	3.99	3.71
WYOMING	146.25	137.71	126.75	40.4	38.9	37.5	3.62	3.54	3.38
Casper	164.83	157.57	152.10	40.4	39.1	39.0	4.08	4.03	3.90
Cheyenne	151.70	133.32	97.35	39.3	38.2	29.5	3.86	3.49	3.30

¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

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

³ Subarea of Rochester Standard Metropolitan Statistical Area.

⁴ Subarea of New York Standard Metropolitan Statistical Area.

⁵ Revised series; not strictly comparable with previously published data.

*Not available.

p = preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
LABOR TURNOVER
D-1: Labor turnover rates in manufacturing
1959 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1959.....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964.....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965.....	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966.....	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967.....	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968.....	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1	4.6
1969.....	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	5.0	3.6	2.9	4.7
1970.....	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4	4.0
1971.....	3.5	3.2	3.5	3.6p									
New hires													
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966.....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967.....	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968.....	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.7
1970.....	2.9	2.5	2.6	2.6	2.8	3.9	2.9	3.5	3.4	2.7	1.9	1.4	2.8
1971.....	2.0	1.9	2.2	2.3p									
Total separations													
1959.....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964.....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965.....	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967.....	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968.....	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.3	4.3	4.2	4.9
1970.....	4.8	4.3	4.5	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1	4.8
1971.....	4.2	3.5	3.7	3.8p									
Quits													
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966.....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967.....	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968.....	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6	2.5
1969.....	2.3	2.1	2.4	2.6	2.7	2.6	2.6	4.0	4.4	2.9	2.1	1.6	2.7
1970.....	2.1	1.9	1.9	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971.....	1.4	1.3	1.5	1.6p									
Layoffs													
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966.....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967.....	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968.....	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	1.0	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970.....	1.7	1.6	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.3	1.8
1971.....	1.9	1.5	1.4	1.4p									

p = preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**
D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971
-	MANUFACTURING	3.6	3.5	2.3	2.2	3.8	3.7	1.6	1.5	1.4	1.4
19,24,25,32-39	DURABLE GOODS	3.3	3.3	2.0	1.9	3.5	3.5	1.4	1.2	1.3	1.4
20-23,26-31	NONDURABLE GOODS	3.9	3.8	2.6	2.6	4.3	4.0	2.0	1.9	1.5	1.4
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	-	1.8	-	.8	-	3.1	-	.7	-	1.9
192	Ammunition, except for small arms	-	1.6	-	.7	-	3.5	-	.7	-	2.2
24	LUMBER AND WOOD PRODUCTS	5.8	5.3	4.5	3.8	5.0	4.9	2.9	2.4	1.1	1.7
242	Sawmills and planing mills	-	4.7	-	3.5	-	4.6	-	2.7	-	1.1
2421	Sawmills and planing mills, general	-	4.7	-	3.5	-	4.5	-	2.6	-	1.1
243	Millwork, plywood & related products	-	5.8	-	3.9	-	3.7	-	2.1	-	.8
2431	Millwork	-	5.5	-	4.3	-	4.1	-	2.2	-	1.1
2432	Veneer and plywood	-	5.5	-	3.5	-	3.2	-	2.0	-	.4
244	Wooden containers	-	6.8	-	5.6	-	5.6	-	3.2	-	1.7
2441,2	Wooden boxes, shooks, and crates	-	6.7	-	5.5	-	4.9	-	3.0	-	1.3
249	Miscellaneous wood products	-	5.4	-	4.3	-	4.6	-	2.4	-	1.0
25	FURNITURE AND FIXTURES	5.1	4.9	3.9	3.7	4.9	4.7	2.9	2.5	1.0	1.2
251	Household furniture	-	5.1	-	4.1	-	4.8	-	2.9	-	.9
2511	Wood household furniture	-	5.0	-	3.8	-	4.8	-	2.8	-	1.0
2512	Upholstered household furniture	-	4.1	-	3.3	-	4.1	-	2.5	-	.7
2515	Mattresses and bedsprings	-	5.4	-	4.8	-	5.3	-	2.9	-	1.0
252	Office furniture	-	3.1	-	1.7	-	4.1	-	1.7	-	1.7
32	STONE, CLAY, AND GLASS PRODUCTS	4.8	4.4	3.1	2.5	3.6	3.5	1.7	1.5	1.1	1.3
321	Flat glass	-	2.3	-	.3	-	3.8	-	.2	-	2.7
322	Glass and glassware, pressed or blown	-	3.7	-	1.5	-	3.6	-	1.2	-	1.5
3221	Glass containers	-	4.8	-	1.8	-	3.8	-	1.5	-	1.6
3229	Pressed and blown glass, n e c	-	2.2	-	1.1	-	3.3	-	.9	-	1.3
324	Cement, hydraulic	-	4.2	-	1.5	-	2.3	-	.4	-	1.2
325	Structural clay products	-	5.7	-	3.5	-	4.2	-	2.3	-	1.1
3251	Brick and structural clay tile	-	7.6	-	4.5	-	4.9	-	3.0	-	1.1
326	Pottery and related products	-	3.0	-	2.0	-	3.1	-	1.5	-	.8
3291	Abrasive products	-	2.3	-	1.1	-	1.7	-	.7	-	.5
33	PRIMARY METAL INDUSTRIES	2.9	3.3	1.8	1.9	2.6	2.6	1.0	.9	.6	.8
331	Blast furnace and basic steel products	-	3.3	-	1.9	-	2.1	-	.7	-	.5
3312	Blast furnaces and steel mills	-	3.4	-	2.0	-	2.0	-	.7	-	.4
332	Iron and steel foundries	-	3.5	-	2.2	-	3.8	-	1.4	-	1.2
3321	Gray iron foundries	-	3.2	-	2.1	-	3.1	-	1.4	-	.7
3322	Malleable iron foundries	-	3.8	-	2.9	-	4.6	-	1.9	-	1.4
3323	Steel foundries	-	3.9	-	1.9	-	4.9	-	1.3	-	2.3
333,4	Nonferrous metals	-	2.4	-	1.6	-	2.8	-	1.2	-	.7
335	Nonferrous rolling and drawing	-	3.5	-	1.8	-	1.8	-	.8	-	.3
3351	Copper rolling and drawing	-	2.9	-	1.2	-	1.6	-	.5	-	.3
3352	Aluminum rolling and drawing	-	4.8	-	2.0	-	1.8	-	.8	-	.4
3357	Nonferrous wire drawing, and insulating	-	3.1	-	2.0	-	2.0	-	.9	-	.3
336	Nonferrous foundries	-	3.8	-	1.9	-	4.5	-	1.2	-	2.5
3361	Aluminum castings	-	4.0	-	2.0	-	3.7	-	1.1	-	1.7
3362,9	Other nonferrous castings	-	3.6	-	1.9	-	5.4	-	1.2	-	3.4
339	Miscellaneous primary metal products	-	2.5	-	1.4	-	3.1	-	1.0	-	1.3
3391	Iron and steel forgings	-	2.0	-	.9	-	3.1	-	.8	-	1.6

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	-	3.7	-	2.4	-	3.9	-	1.4	-	1.6
341	Metal cans	-	3.6	-	1.2	-	8.7	-	.8	-	6.9
342	Cutlery, hand tools, and hardware	-	2.9	-	1.8	-	2.6	-	1.2	-	.8
3421,3,5	Cutlery and hand tools, incl. saws	-	3.1	-	2.2	-	2.9	-	1.3	-	1.0
3429	Hardware, n e c	-	2.7	-	1.5	-	2.5	-	1.1	-	.7
343	Plumbing and heating, except electric	-	4.0	-	3.0	-	3.8	-	1.5	-	1.3
3431,2	Sanitary ware & plumbers' brass goods	-	4.8	-	3.6	-	3.3	-	1.8	-	.3
3433	Heating equipment, except electric	-	3.4	-	2.6	-	4.2	-	1.2	-	2.1
344	Fabricated structural metal products	-	4.2	-	2.9	-	4.1	-	1.6	-	1.6
3441	Fabricated structural steel	-	3.8	-	3.2	-	4.1	-	1.6	-	1.5
3443	Fabricated plate work (boiler shops)	-	2.8	-	1.9	-	2.9	-	1.0	-	1.2
3446,9	Architectural and misc. metal work	-	5.5	-	2.9	-	4.1	-	1.7	-	1.1
345	Screw machine products, bolts, etc.	-	3.3	-	2.3	-	3.3	-	1.3	-	1.3
3452	Bolts, nuts, rivets, and washers	-	2.1	-	1.4	-	2.7	-	.9	-	1.0
346	Metal stampings	-	3.2	-	1.4	-	3.7	-	1.0	-	1.9
348	Misc. fabricated wire products	-	4.7	-	2.9	-	4.1	-	1.9	-	1.2
349	Misc. fabricated metal products	-	3.1	-	1.9	-	3.4	-	1.3	-	1.3
3494,8	Valves, pipe, and pipe fittings	-	2.8	-	1.9	-	2.9	-	1.3	-	1.0
35	MACHINERY, EXCEPT ELECTRICAL	2.2	2.4	1.2	1.3	3.0	3.1	.9	.9	1.2	1.4
351	Engines and turbines	-	2.7	-	1.1	-	2.0	-	.6	-	.6
3511	Steam engines and turbines	-	2.0	-	1.1	-	1.8	-	.6	-	.2
3519	Internal combustion engines, n e c	-	3.2	-	1.1	-	2.2	-	.5	-	.8
352	Farm machinery	-	3.5	-	1.8	-	3.1	-	1.1	-	1.0
353	Construction and related machinery	-	2.2	-	1.5	-	2.5	-	.9	-	.9
3531,2	Construction and mining machinery	-	2.0	-	1.2	-	2.1	-	.7	-	.7
3533	Oil field machinery	-	3.2	-	2.7	-	2.9	-	1.6	-	.5
3535,6	Conveyors, hoists, cranes, monorails	-	1.5	-	1.1	-	3.2	-	.7	-	1.9
354	Metal working machinery	-	2.5	-	1.1	-	4.3	-	.7	-	2.8
3541	Machine tools, metal cutting types	-	1.2	-	.3	-	4.0	-	.5	-	3.0
3545	Machine tool accessories	-	1.8	-	.7	-	3.3	-	.5	-	2.3
3542,8	Misc. metal working machinery	-	2.3	-	1.2	-	4.1	-	.8	-	2.2
355	Special industry machinery	-	2.1	-	1.3	-	2.9	-	1.0	-	1.4
3551	Food products machinery	-	2.0	-	1.3	-	2.9	-	1.0	-	1.4
3552	Textile machinery	-	2.9	-	1.9	-	3.0	-	1.6	-	.8
356	General industrial machinery	-	2.0	-	1.1	-	3.0	-	.8	-	1.6
3561	Pumps and compressors	-	1.9	-	1.1	-	2.4	-	.8	-	.9
3562	Ball and roller bearings	-	1.6	-	.3	-	3.6	-	.5	-	2.6
3566	Power transmission equipment	-	1.8	-	.8	-	2.9	-	.8	-	1.4
357	Office and computing machines	-	1.6	-	.8	-	2.3	-	.7	-	.9
3573	Electronic computing equipment	-	1.4	-	.7	-	2.1	-	.7	-	.8
358	Service industry machines	-	3.3	-	2.2	-	3.6	-	1.0	-	1.6
3585	Refrigeration machinery	-	3.3	-	2.1	-	3.8	-	1.0	-	1.8
36	ELECTRICAL EQUIPMENT AND SUPPLIES	-	2.7	-	1.3	-	3.3	-	1.1	-	1.2
361	Electric test & distributing equipment	-	2.0	-	1.0	-	2.4	-	.9	-	.7
3611	Electric measuring instruments	-	2.2	-	1.2	-	2.1	-	.9	-	.7
3612	Transformers	-	2.1	-	.8	-	3.3	-	1.0	-	1.1
3613	Switchgear and switchboard apparatus	-	1.7	-	1.0	-	2.2	-	.8	-	.5
362	Electrical industrial apparatus	-	2.0	-	.8	-	2.7	-	.8	-	1.2
3621	Motors and generators	-	2.4	-	.9	-	3.2	-	.8	-	1.6
3622	Industrial controls	-	1.4	-	.7	-	1.8	-	.7	-	.6
363	Household appliances	-	3.3	-	1.9	-	3.3	-	1.2	-	1.0
3632	Household refrigerators and freezers	-	3.8	-	2.4	-	2.4	-	1.0	-	.6
3633	Household laundry equipment	-	2.0	-	.9	-	2.7	-	1.1	-	.3
3634	Electric housewares and fans	-	3.7	-	2.1	-	4.2	-	1.6	-	1.8
364	Electric lighting and wiring equipment	-	3.2	-	1.8	-	3.4	-	1.3	-	1.0
3641	Electric lamps	-	2.0	-	.9	-	2.4	-	.8	-	.8
3642	Lighting fixtures	-	4.0	-	2.2	-	3.7	-	1.5	-	.9
3643,4	Wiring devices	-	3.4	-	2.0	-	3.7	-	1.4	-	1.2
365	Radio and TV receiving equipment	-	5.4	-	2.1	-	5.5	-	1.5	-	2.0
366	Communication equipment	-	1.5	-	.7	-	2.9	-	.9	-	1.4
3661	Telephone and telegraph apparatus	-	.9	-	.5	-	2.5	-	1.1	-	.9
3662	Radio and TV communication equipment	-	1.9	-	.8	-	3.1	-	.7	-	1.7
367	Electronic components and accessories	-	3.7	-	1.6	-	3.7	-	1.2	-	1.4
3671-3	Electron tubes	-	2.7	-	.8	-	3.6	-	1.0	-	1.1
3674,9	Other electronic components	-	4.0	-	1.8	-	3.7	-	1.3	-	1.4
369	Misc. electrical equipment & supplies	-	2.4	-	1.3	-	3.2	-	1.0	-	1.3
3694	Engine electrical equipment	-	1.8	-	.6	-	2.9	-	.6	-	1.6

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**
D-2: Labor turnover rates, by industry--Continued

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971		
	<i>Durable Goods--Continued</i>										
37	TRANSPORTATION EQUIPMENT	-	3.2	-	1.5	-	3.8	-	.9	-	2.1
371	Motor vehicles and equipment	-	2.6	-	1.1	-	2.6	-	.7	-	1.1
3711	Motor vehicles	-	2.1	-	.8	-	2.2	-	.7	-	.8
3712	Passenger car bodies	-	3.0	-	1.3	-	4.9	-	.8	-	3.1
3713	Truck and bus bodies	-	4.1	-	2.6	-	3.0	-	1.3	-	1.0
3714	Motor vehicle parts and accessories	-	2.6	-	.9	-	2.5	-	.6	-	1.1
372	Aircraft and parts	-	1.3	-	.5	-	3.9	-	.5	-	3.0
3721	Aircraft	-	1.3	-	.4	-	3.6	-	.4	-	2.9
3722	Aircraft engines and engine parts	-	1.0	-	.3	-	3.2	-	.5	-	2.0
3723,9	Other aircraft parts and equipment	-	1.6	-	.8	-	6.0	-	.8	-	4.8
373	Ship and boat building and repairing	-	9.7	-	4.6	-	8.9	-	2.3	-	5.4
3731	Ship building and repairing	-	9.5	-	3.3	-	9.7	-	1.8	-	6.7
374	Railroad equipment	-	4.6	-	2.0	-	5.8	-	.9	-	3.6
375,9	Other transportation equipment	-	9.2	-	6.7	-	4.6	-	2.8	-	.4
38	INSTRUMENTS AND RELATED PRODUCTS	2.7	2.3	1.7	1.5	2.8	2.5	1.1	.9	.9	.9
381	Engineering & scientific instruments	-	1.6	-	.9	-	2.6	-	.5	-	1.4
382	Mechanical measuring & control devices	-	2.6	-	1.4	-	2.2	-	.7	-	.7
3821	Mechanical measuring devices	-	2.1	-	1.5	-	2.1	-	.7	-	.7
3822	Automatic temperature controls	-	3.5	-	1.3	-	2.4	-	.6	-	.7
383,5	Optical and ophthalmic goods	-	2.9	-	2.2	-	3.5	-	1.3	-	1.3
384	Medical instruments and supplies	-	2.9	-	2.4	-	3.3	-	1.2	-	1.3
386	Photographic equipment and supplies	-	1.1	-	.8	-	1.3	-	.5	-	.3
387	Watches, clocks, and watchcases	-	4.0	-	2.3	-	4.2	-	1.7	-	1.2
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	5.1	5.5	3.2	3.4	4.7	4.4	2.1	1.9	1.5	1.4
391	Jewelry, silverware, and plated ware	-	3.5	-	2.6	-	3.2	-	1.5	-	1.0
394	Toys and sporting goods	-	9.9	-	4.9	-	6.0	-	2.8	-	1.5
3941-3	Games, toys, dolls, & play vehicles	-	13.8	-	5.0	-	7.0	-	2.8	-	2.1
3949	Sporting and athletic goods, n e c	-	5.9	-	4.9	-	4.9	-	2.9	-	.9
395	Pens, pencils, office and art supplies	-	3.4	-	2.5	-	2.4	-	1.2	-	.7
396	Costume jewelry and notions	-	4.8	-	3.4	-	4.7	-	2.0	-	1.9
393,9	Other manufacturing industries	-	3.8	-	2.8	-	4.0	-	1.5	-	1.5
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	5.1	4.6	3.2	2.8	5.0	5.1	2.2	2.0	2.1	2.3
201	Meat products	-	6.1	-	3.0	-	6.1	-	2.6	-	2.8
2011	Meat packing plants	-	6.2	-	1.8	-	6.4	-	1.4	-	4.3
2015	Poultry dressing plants	-	8.3	-	6.3	-	7.8	-	5.8	-	1.1
204	Grain mill products	-	2.4	-	1.8	-	3.2	-	1.4	-	1.1
2041	Flour and other grain mill products	-	2.1	-	1.2	-	4.1	-	1.3	-	1.9
2042	Prepared feeds for animals and fowls	-	2.7	-	2.4	-	3.2	-	1.9	-	.7
205	Bakery products	-	3.5	-	2.6	-	3.4	-	1.8	-	1.0
2051	Bread, cake, and related products	-	3.4	-	2.7	-	3.4	-	1.8	-	.9
2052	Cookies and crackers	-	4.2	-	1.9	-	3.6	-	1.6	-	1.2
207	Confectionery and related products	-	5.9	-	3.1	-	6.1	-	2.0	-	3.3
2071	Confectionery products	-	6.7	-	3.4	-	6.8	-	2.2	-	3.8
208	Beverages	-	4.3	-	2.7	-	4.0	-	1.6	-	1.4
2082	Malt liquors	-	3.8	-	1.0	-	3.5	-	.4	-	2.7
21	TOBACCO MANUFACTURES	2.3	1.7	1.6	1.2	5.0	4.6	1.1	1.1	3.2	2.8
211	Cigarettes	-	.8	-	.5	-	1.7	-	.5	-	.7
212	Cigars	-	3.3	-	2.7	-	5.2	-	2.5	-	2.1

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971	Apr. 1971 ^P	Mar. 1971
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS	4.8	4.6	3.6	3.5	5.5	5.0	3.5	3.0	.9	1.0
221	Weaving mills, cotton	-	4.2	-	3.4	-	4.9	-	3.2	-	.7
222	Weaving mills, synthetics	-	4.4	-	3.3	-	5.2	-	2.9	-	1.3
223	Weaving and finishing mills, wool	-	4.5	-	2.9	-	5.9	-	2.4	-	2.6
224	Narrow fabric mills	-	3.8	-	2.8	-	4.4	-	2.2	-	1.4
225	Knitting mills	-	4.6	-	3.3	-	4.5	-	2.6	-	1.2
2251	Women's hosiery, except socks	-	2.4	-	1.7	-	4.2	-	2.5	-	.9
2252	Hosiery, n e c	-	3.5	-	2.7	-	4.4	-	2.7	-	1.1
2254	Knit underwear mills	-	4.6	-	3.4	-	3.3	-	2.7	-	.1
226	Textile finishing, except wool	-	4.3	-	3.5	-	4.3	-	2.5	-	.7
227	Floor covering mills	-	3.1	-	2.0	-	4.2	-	2.1	-	1.3
228	Yarn and thread mills	-	6.9	-	5.4	-	6.5	-	4.9	-	.3
229	Miscellaneous textile goods	-	4.2	-	2.7	-	4.5	-	2.0	-	1.5
23	APPAREL AND OTHER TEXTILE PRODUCTS	4.9	4.9	3.2	3.4	6.1	5.2	2.7	2.4	2.6	2.1
231	Men's and boys' suits and coats	-	2.4	-	1.2	-	5.6	-	1.3	-	3.8
232	Men's and boys' furnishings	-	5.3	-	3.9	-	5.0	-	3.2	-	1.0
2321	Men's and boys' shirts and nightwear	-	4.8	-	3.3	-	4.5	-	2.9	-	.8
2327	Men's and boys' separate trousers	-	5.0	-	3.8	-	5.0	-	3.2	-	1.0
2328	Men's and boys' work clothing	-	5.1	-	4.3	-	5.1	-	4.0	-	.5
234	Women's and children's undergarments	-	5.1	-	3.3	-	5.0	-	2.7	-	1.7
2341	Women's and children's underwear	-	5.4	-	3.5	-	5.2	-	2.9	-	1.7
2342	Corsets and allied garments	-	4.4	-	2.8	-	4.3	-	2.2	-	1.6
26	PAPER AND ALLIED PRODUCTS	2.6	2.5	1.7	1.7	2.8	2.8	1.3	1.2	.9	.9
261,2,6	Paper and pulp mills	-	1.6	-	.9	-	1.7	-	.6	-	.6
263	Paperboard mills	-	1.8	-	1.3	-	2.2	-	1.0	-	.8
264	Misc. converted paper products	-	2.7	-	2.0	-	2.9	-	1.3	-	.8
2643	Bags, except textile bags	-	3.1	-	2.6	-	4.3	-	1.8	-	1.5
265	Paperboard containers and boxes	-	3.4	-	2.4	-	3.9	-	1.8	-	1.3
2651,2	Folding and setup paperboard boxes	-	3.5	-	2.4	-	4.2	-	1.9	-	1.4
2653	Corrugated and solid fiber boxes	-	2.9	-	2.1	-	3.1	-	1.8	-	.6
27	PRINTING AND PUBLISHING	2.6	2.7	1.9	1.9	2.8	2.7	1.4	1.3	.7	.8
28	CHEMICALS AND ALLIED PRODUCTS	2.0	2.0	1.4	1.4	2.2	2.1	.9	.8	.6	.6
281	Industrial chemicals	-	1.0	-	.7	-	1.6	-	.5	-	.5
282	Plastics materials and synthetics	-	1.5	-	.8	-	1.5	-	.6	-	.4
2821	Plastics materials and resins	-	1.4	-	.9	-	1.5	-	.5	-	.4
2823,4	Synthetic fibers	-	1.7	-	.8	-	1.4	-	.6	-	.4
283	Drugs	-	1.8	-	1.5	-	1.7	-	.8	-	.4
2834	Pharmaceutical preparations	-	1.8	-	1.6	-	1.8	-	.8	-	.5
284	Soap, cleaners, and toilet goods	-	2.5	-	1.7	-	2.6	-	1.0	-	1.0
2841	Soap and other detergents	-	1.9	-	.4	-	2.2	-	.3	-	1.2
2844	Toilet preparations	-	2.9	-	2.2	-	3.3	-	1.3	-	1.3
285	Paints and allied products	-	2.2	-	1.6	-	2.3	-	.9	-	.5
286,9	Other chemical products	-	2.3	-	1.1	-	3.1	-	1.0	-	1.4
29	PETROLEUM AND COAL PRODUCTS	1.9	1.8	1.4	1.4	1.7	1.7	.6	.6	.4	.2
291	Petroleum refining	-	1.1	-	.9	-	1.3	-	.3	-	.1
295,9	Other petroleum and coal products	-	4.7	-	3.5	-	3.4	-	1.8	-	.7
30	RUBBER AND PLASTICS PRODUCTS, N E C	4.0	4.2	2.8	2.7	4.5	3.7	2.1	1.8	1.4	.9
301	Tires and inner tubes	-	1.6	-	.8	-	1.7	-	.5	-	.3
302,3,6	Other rubber products	-	3.9	-	2.2	-	3.8	-	1.8	-	1.0
307	Miscellaneous plastics products	-	5.4	-	3.8	-	4.6	-	2.4	-	1.1

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**
D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971	Apr. 1971 ^p	Mar. 1971
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	5.8	5.5	3.8	3.6	6.2	6.0	2.9	2.6	2.2	2.2
311	Leather tanning and finishing	-	5.7	-	3.9	-	3.9	-	2.0	-	1.1
314	Footwear, except rubber	-	5.6	-	3.5	-	6.2	-	2.7	-	2.3
	NONMANUFACTURING										
10	METAL MINING	2.2	2.8	1.7	1.9	2.4	2.7	1.6	1.6	.2	.3
101	Iron ores	-	2.5	-	.5	-	1.6	-	.5	-	.6
102	Copper ores	-	2.3	-	1.7	-	2.3	-	1.5	-	.1
11,12	COAL MINING	1.9	2.5	1.6	1.9	1.4	1.6	.9	.8	.1	.3
12	Bituminous coal and lignite mining	-	2.5	-	1.9	-	1.5	-	.9	-	.2
	COMMUNICATION:										
481	Telephone communication	-	1.6	-	1.3	-	1.5	-	1.1	-	.1
482	Telegraph communication ¹	-	2.4	-	2.1	-	2.3	-	1.4	-	.3

¹ Data relate to all employees except messengers.
p=preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1959 to date
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1959.....	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963.....	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964.....	3.8	4.0	4.0	4.0	3.9	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.3	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966.....	4.9	5.0	5.3	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.2	4.2	4.6	4.4	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.6	4.3	4.7	4.7	4.4	4.7	4.7	4.6	4.8	4.8	4.9
1969.....	4.9	4.7	4.8	4.9	4.8	4.9	4.7	4.5	4.8	4.7	4.4	4.6
1970.....	4.2	4.3	3.9	4.0	4.2	4.0	4.1	4.1	3.8	3.6	3.7	3.8
1971.....	3.7	3.9	3.8	3.9p								
New hires												
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.4	2.4	2.7
1960.....	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961.....	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962.....	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.3	2.3	2.1
1963.....	2.3	2.2	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	3.0	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.8	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967.....	3.5	3.3	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.4
1968.....	3.4	3.3	3.3	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.5	3.8	3.6	3.4	3.5
1970.....	3.3	3.1	3.0	2.8	2.7	2.7	2.8	2.9	2.7	2.4	2.3	2.3
1971.....	2.3	2.4	2.5	2.5p								
Total separations												
1959.....	3.6	3.6	3.6	3.8	3.8	3.9	4.0	4.2	4.2	5.1	4.7	4.1
1960.....	3.5	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.5	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962.....	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963.....	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964.....	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965.....	3.8	3.7	3.8	4.1	3.9	4.0	4.0	4.2	4.2	4.3	4.2	4.3
1966.....	4.1	4.3	4.6	4.7	4.7	4.9	4.9	4.7	4.9	4.5	4.7	4.5
1967.....	4.6	4.8	5.1	4.7	4.6	4.7	4.4	4.3	4.6	4.5	4.5	4.1
1968.....	4.6	4.7	4.6	4.5	4.6	4.5	4.6	4.9	4.6	4.7	4.6	4.1
1969.....	4.7	4.8	4.9	4.9	5.0	5.0	4.9	5.0	4.8	5.0	4.8	4.5
1970.....	5.0	5.1	5.0	5.2	5.0	4.8	4.9	4.5	4.4	5.0	4.8	4.4
1971.....	4.4	4.2	4.1	4.1p								
Quits												
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.3	1.4	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.....	2.2	2.3	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
1967.....	2.5	2.4	2.4	2.3	2.3	2.4	2.2	2.3	2.3	2.3	2.4	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.4	2.5	2.7	2.5	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.6	2.7	2.6	2.5
1970.....	2.5	2.4	2.2	2.2	2.1	2.2	2.2	2.1	2.0	1.9	1.7	1.9
1971.....	1.6	1.7	1.7	1.7p								
Layoffs												
1959.....	1.8	1.7	1.7	1.7	1.6	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.9	1.9	2.0
1962.....	1.8	1.9	1.7	1.8	2.0	2.0	2.0	2.4	2.0	2.0	2.0	1.9
1963.....	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964.....	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965.....	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966.....	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.2	1.1	1.1	1.2	1.3
1967.....	1.3	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968.....	1.3	1.3	1.2	1.2	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.3	1.3	1.4
1970.....	1.5	1.7	1.8	2.0	1.9	1.9	1.6	1.8	1.9	2.2	2.0	1.8
1971.....	1.7	1.6	1.6	1.6p								

p = preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**
D-4: Labor turnover rates in manufacturing for selected States and areas

State and area	(Per 100 employees)				Separation rates					
	Accession rates		New hires		Total		Quits		Layoffs	
	Mar. 1971 ^P	Feb. 1971	Mar. 1971 ^P	Feb. 1971	Mar. 1971 ^P	Feb. 1971	Mar. 1971 ^P	Feb. 1971	Mar. 1971 ^P	Feb. 1971
ALABAMA:										
Birmingham	2.8	2.4	1.9	1.6	3.3	2.4	1.3	0.9	1.1	0.8
Mobile ¹	7.5	3.2	1.6	1.4	7.4	6.0	2.2	1.7	4.6	3.7
ALASKA	(*)	6.7	(*)	3.6	(*)	8.3	(*)	4.0	(*)	4.1
ARIZONA	5.1	4.0	3.0	2.4	4.4	4.0	1.9	1.6	1.5	1.3
Phoenix	5.1	3.8	2.8	2.2	4.2	3.7	1.7	1.5	1.5	1.3
ARKANSAS	6.2	5.4	4.7	4.0	5.9	4.7	3.4	2.8	1.7	1.1
Fort Smith	10.8	8.1	8.7	5.1	6.4	5.5	4.4	3.6	1.0	1.1
Little Rock-North Little Rock	5.9	4.9	5.2	4.2	5.0	5.0	3.6	2.9	.5	1.2
Pine Bluff	4.9	4.1	3.5	1.7	3.8	2.1	2.1	1.5	1.1	.1
COLORADO	4.2	3.0	3.0	2.0	3.9	6.6	1.8	1.4	1.3	4.5
Denver	4.7	2.9	3.6	2.3	3.8	3.6	2.0	1.7	.9	1.3
CONNECTICUT	2.5	2.4	1.5	1.4	3.1	2.8	1.1	1.0	1.4	1.2
Hartford	1.9	1.5	1.1	1.0	3.1	2.9	.9	.8	1.6	1.4
DELAWARE ¹	2.0	1.8	.8	.8	1.9	2.1	.9	.8	.4	.7
Wilmington ¹	1.7	1.8	.9	.8	2.0	2.0	1.0	.8	.4	.5
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	2.4	(*)	2.2	(*)	2.6	(*)	1.8	(*)	.3
FLORIDA	5.8	5.5	4.2	4.2	8.2	5.7	3.3	3.0	3.9	1.6
Fort Lauderdale-Hollywood	5.9	5.4	5.6	4.1	6.4	6.6	3.2	2.8	2.1	2.0
Jacksonville	7.9	6.5	3.6	3.9	7.6	7.4	2.7	2.5	3.7	3.6
Miami	5.1	3.9	4.1	3.4	6.3	4.7	2.3	2.4	3.2	1.4
Orlando	5.3	6.1	4.6	5.2	4.3	6.2	2.7	3.2	.7	1.8
Pensacola	1.2	1.0	1.0	.8	1.7	2.9	.7	.8	.4	1.8
Tampa-St. Petersburg	7.6	5.5	6.3	5.1	10.0	5.2	5.4	3.1	3.3	.8
West Palm Beach	3.9	3.3	2.1	1.7	10.5	3.5	3.2	1.4	6.2	1.1
GEORGIA	4.3	3.9	3.4	3.1	4.7	4.3	3.1	2.7	.7	.8
Atlanta ²	3.2	3.1	2.6	2.5	4.4	4.4	2.5	2.2	1.1	1.4
HAWAII ³	2.1	2.2	1.7	1.4	2.8	3.1	.9	1.1	.6	1.0
IDAHO ⁴	7.0	9.8	5.3	4.5	7.5	9.7	3.4	2.6	3.1	6.4
ILLINOIS:										
Chicago	3.0	2.9	2.2	2.2	3.5	3.6	1.5	1.5	1.1	1.1
INDIANA ¹	3.4	3.3	1.7	1.6	3.2	3.1	1.0	1.0	1.2	1.4
Indianapolis ⁵	2.4	2.5	1.0	1.1	2.5	2.4	.8	.8	.8	.9
IOWA	3.3	2.3	1.4	1.2	3.0	3.5	1.1	1.1	1.3	1.9
Cedar Rapids	3.7	3.1	.6	.7	4.3	4.8	.9	1.3	3.0	3.1
Des Moines	3.5	3.1	2.2	2.2	2.9	2.9	1.5	1.6	.5	.5
KANSAS	3.1	2.3	2.2	1.6	3.5	2.8	1.2	1.0	1.4	1.4
Topeka	3.2	2.5	2.8	2.0	3.4	1.8	1.2	1.2	1.5	.2
Wichita	2.2	1.5	1.2	.7	3.7	2.4	.7	.6	2.6	1.5
KENTUCKY	3.4	2.9	1.8	1.3	3.6	4.2	1.5	1.1	1.4	2.3
Louisville	2.3	1.6	1.1	.8	2.5	2.8	1.1	.8	.6	.8
LOUISIANA:										
New Orleans	3.4	3.2	2.7	2.0	4.1	3.9	1.5	1.3	1.5	1.6
MAINE	6.3	4.8	3.6	2.9	6.5	5.0	2.2	2.0	3.1	2.1
Portland	3.6	3.5	2.8	2.2	3.1	3.2	1.8	1.3	.7	1.5
MARYLAND	3.1	2.5	1.8	1.5	3.6	3.3	1.4	1.1	1.5	1.4
Baltimore	3.0	2.5	1.8	1.6	3.5	3.1	1.2	1.1	1.5	1.3

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Mar. 1971 P	Feb. 1971	Mar. 1971 P	Feb. 1971	Mar. 1971 P	Feb. 1971	Mar. 1971 P	Feb. 1971	Mar. 1971 P	Feb. 1971	
MASSACHUSETTS.....	3.1	4.2	2.0	1.7	3.2	3.4	1.3	1.1	1.3	1.5
Boston.....	2.9	2.7	1.9	1.6	3.4	3.0	1.2	1.0	1.2	1.2
MICHIGAN.....	2.7	2.4	1.0	1.0	3.0	2.8	.7	.6	1.6	1.4
Detroit.....	2.8	2.3	.9	.9	3.3	3.1	.7	.6	1.7	1.5
MINNESOTA.....	3.2	3.1	1.5	1.4	3.7	3.9	1.2	1.0	1.8	2.1
Minneapolis-St. Paul.....	3.0	3.0	1.3	1.2	3.4	3.1	1.0	.9	1.8	1.6
MISSISSIPPI:										
Jackson.....	4.3	3.6	3.1	2.1	5.1	4.8	2.7	1.7	1.3	2.2
MISSOURI.....	3.1	2.6	2.0	1.6	3.5	2.9	1.4	1.1	1.4	1.1
Kansas City.....	2.6	2.3	1.8	1.7	2.8	3.1	1.3	1.2	.8	1.1
St. Louis.....	2.5	2.3	1.3	1.2	2.7	2.4	.8	.7	1.2	1.0
MONTANA.....	5.3	2.1	2.7	1.2	5.0	3.3	2.2	1.1	1.4	1.1
NEBRASKA.....	3.1	2.7	2.4	1.8	3.2	3.2	1.8	1.5	.8	1.1
NEVADA.....	4.2	4.4	3.5	3.2	3.2	3.8	1.3	1.9	.7	.6
NEW HAMPSHIRE.....	3.8	3.5	2.9	2.5	4.1	3.6	2.2	1.8	1.1	1.2
NEW JERSEY:										
Camden ⁶	3.4	2.5	2.1	1.6	4.0	2.9	1.2	1.3	1.8	.7
Jersey City.....	3.6	3.1	2.0	1.8	3.6	3.3	1.0	1.0	1.7	1.4
Newark.....	3.6	2.6	2.3	1.9	3.3	2.8	1.3	1.0	1.1	1.0
Paterson-Clifton-Passaic.....	3.1	2.9	2.0	1.9	4.2	3.1	1.2	1.1	2.1	1.1
Perth Amboy.....	2.7	3.1	2.1	1.8	3.6	3.3	1.4	1.1	1.1	1.1
Trenton.....	2.3	2.1	1.8	1.2	3.3	2.0	1.1	.6	1.3	.7
NEW YORK.....	3.5	3.3	2.1	1.9	3.5	3.3	1.1	1.1	1.6	1.5
Albany-Schenectady-Troy.....	2.7	2.2	1.8	1.4	2.8	2.5	1.0	1.0	1.0	.6
Binghamton.....	1.3	1.4	.8	.8	1.9	2.1	.6	.7	.8	.8
Buffalo.....	2.5	2.8	1.3	1.1	2.2	2.4	.6	.6	1.0	1.1
Elmira.....	2.6	2.9	1.3	1.3	2.4	3.4	.8	1.0	.8	1.8
Monroe County ⁷	1.6	1.3	1.1	.9	1.7	2.0	.7	.7	.4	.8
Nassau and Suffolk Counties ⁸	4.2	3.1	3.1	2.5	3.9	3.6	1.7	1.4	1.4	1.4
New York SMSA.....	4.4	4.2	2.9	2.6	4.2	4.0	1.4	1.3	2.0	1.8
New York City ⁸	4.6	4.6	3.0	2.8	4.4	4.2	1.3	1.3	2.2	2.0
Rochester.....	1.8	1.4	1.1	1.0	1.9	2.4	.7	.8	.6	1.1
Syracuse.....	2.1	1.7	1.2	.9	1.9	2.2	.8	.9	.7	.7
Utica-Rome.....	3.3	2.4	1.7	1.3	3.1	2.8	.8	.8	1.6	1.5
Westchester County ⁸	2.7	2.7	1.7	1.9	3.4	3.5	1.2	1.5	1.2	1.1
NORTH CAROLINA.....	4.3	3.6	3.5	3.0	4.4	3.9	3.0	2.4	.5	.7
Charlotte.....	3.9	3.5	3.4	3.1	4.0	3.6	3.0	2.3	.3	.8
Greensboro-Winston-Salem-High Point.....	3.5	3.0	3.0	2.6	3.8	4.1	2.6	2.1	.3	1.1
NORTH DAKOTA.....	5.3	5.2	4.1	3.5	3.4	7.4	1.9	1.6	.7	4.7
Fargo-Moorhead.....	4.8	3.5	2.1	2.5	2.2	16.7	1.2	1.5	.6	14.7
OHIO.....	2.9	2.5	1.5	1.3	3.0	2.7	.9	.7	1.3	1.3
Akron.....	2.0	1.9	.9	.9	2.5	2.3	.7	.5	1.1	1.0
Canton.....	3.8	2.8	2.1	1.0	3.4	2.6	.9	.8	1.5	.7
Cincinnati.....	2.4	2.1	1.2	1.1	4.5	3.1	.9	.7	2.8	1.7
Cleveland.....	2.5	2.2	1.6	1.2	2.7	2.6	.9	.8	1.0	1.2
Columbus.....	3.1	2.4	1.8	1.4	3.0	2.8	1.3	1.0	1.1	1.1
Dayton.....	2.3	1.6	.7	.7	2.3	3.0	.6	.6	1.0	1.7
Toledo.....	2.5	2.3	1.2	1.1	3.3	2.6	.9	.5	1.4	1.5
Youngstown-Warren.....	3.6	3.2	2.3	1.8	2.2	2.1	.6	.5	.5	.8
OKLAHOMA.....	4.4	3.3	3.0	2.6	4.7	4.0	2.3	2.0	1.2	1.2
Oklahoma City.....	4.6	3.9	3.2	3.0	5.3	4.2	2.8	2.1	1.4	1.2
Tulsa ⁹	6.1	3.4	4.3	2.7	6.2	5.6	2.6	2.0	1.9	2.6
OREGON ¹	4.7	4.5	3.2	2.6	3.8	4.2	1.6	1.3	1.4	2.4
Portland ¹	(*)	4.2	(*)	2.2	(*)	3.5	(*)	1.1	(*)	1.8

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)				Separation rates					
	Accession rates		New hires		Total		Quits		Layoffs	
	Mar. 1971 ^p	Feb. 1971	Mar. 1971 ^p	Feb. 1971	Mar. 1971 ^p	Feb. 1971	Mar. 1971 ^p	Feb. 1971	Mar. 1971 ^p	Feb. 1971
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	2.7	2.5	1.5	1.3	2.7	3.1	1.1	1.1	0.9	1.4
Altoona	3.4	3.7	2.4	2.7	3.3	3.2	2.0	1.8	.5	.8
Erie	4.9	3.3	1.9	1.6	3.9	4.2	1.3	1.1	1.8	2.0
Harrisburg	2.9	2.0	1.6	1.1	2.9	2.5	1.2	1.0	.9	.9
Johnstown	2.9	6.5	1.8	1.7	2.5	1.8	1.3	.6	.6	.6
Lancaster	2.8	2.4	1.9	1.8	3.4	2.8	1.9	1.6	.9	.6
Philadelphia	3.1	2.6	1.8	1.5	3.5	3.0	1.1	1.0	1.6	1.4
Pittsburgh	2.2	2.8	1.0	.7	1.9	2.3	.5	.4	.8	1.1
Reading	3.2	3.6	2.3	2.7	4.0	3.2	1.6	1.4	1.6	.9
Scranton	3.5	3.6	1.4	1.5	3.8	3.5	1.3	1.0	1.9	1.9
Wilkes-Barre-Hazleton	3.4	3.2	1.8	1.6	4.4	3.7	1.5	1.5	2.1	1.7
York	3.1	3.0	2.2	2.2	4.4	3.7	1.8	1.6	1.9	1.4
RHODE ISLAND:										
Providence-Pawtucket-Warwick	4.3	4.4	3.0	2.8	5.2	5.0	1.9	1.8	2.5	2.3
	4.1	4.1	2.8	2.6	4.9	4.4	1.9	1.6	2.2	2.0
SOUTH CAROLINA:										
Greenville	5.1	4.1	4.1	3.4	5.6	3.7	3.2	2.7	.9	.2
SOUTH DAKOTA:										
Sioux Falls	6.0	3.7	3.0	1.7	4.5	4.6	1.2	1.8	2.8	2.3
	6.1	4.2	.9	.7	6.6	6.5	.6	1.8	5.7	4.5
TENNESSEE:										
Memphis	3.9	3.8	2.6	2.2	3.9	4.0	1.6	1.4	1.3	1.6
TEXAS:										
Dallas	3.8	2.8	3.3	2.3	3.8	3.3	2.3	1.8	.7	1.0
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston	3.4	3.0	3.0	2.7	3.0	3.1	1.8	1.9	.3	.4
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH⁴:										
Salt Lake City ⁴	4.3	4.3	3.1	2.6	3.9	3.8	1.8	1.4	1.2	1.6
	4.1	3.5	3.4	2.7	3.9	3.2	2.0	1.5	1.0	.9
VERMONT:										
Burlington	3.5	2.4	2.2	1.4	3.8	3.4	1.4	1.0	1.7	1.9
Springfield	2.1	1.4	1.1	.5	3.1	2.0	1.4	.7	1.0	.9
	3.7	2.3	1.1	.9	8.0	9.3	.7	.9	6.6	8.2
VIRGINIA:										
Richmond	3.7	3.0	2.8	2.2	3.4	3.5	2.2	1.8	.5	1.0
	3.0	2.9	2.4	2.4	3.2	3.7	2.0	2.1	.6	1.0
WASHINGTON:										
Seattle-Everett ¹⁰	3.0	3.3	1.8	1.5	4.3	3.3	.9	.7	2.9	2.1
WEST VIRGINIA:										
Charleston . . . . .	.5	.3	.3	.2	2.3	1.5	.2	.1	1.8	1.0
WISCONSIN:										
Milwaukee	(*)	2.5	(*)	1.3	(*)	2.9	(*)	.8	(*)	1.4
	(*)	2.4	(*)	1.3	(*)	2.8	(*)	.8	(*)	1.1
WYOMING:										
	3.7	2.6	3.0	2.0	7.9	7.7	1.7	2.0	4.1	5.2

¹ Excludes canning and preserving.

² Excludes agricultural chemicals and miscellaneous manufacturing.

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

⁴ Excludes canning and preserving, and sugar.

⁵ Excludes canning and preserving, and newspapers.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁷ Subarea of Rochester Standard Metropolitan Statistical Area.

⁸ Subarea of New York Standard Metropolitan Statistical Area.

⁹ Excludes new-hire rate for transportation equipment.

¹⁰ Excludes canning and preserving, printing and publishing.

* Not available.

p = preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA JOB VACANCY

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

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Number of job vacancies (In thousands)													
1969.....	-	-	-	293	290	240	256	312	288	242	209	185	263
1970.....	186	170	165	158 ^p	151	123	126	137	118	93	76	77	132
1971.....	81	80	83	91 ^p									
Job vacancy rates ¹													
1969.....	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970.....	0.9	0.8	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971.....	.4	.4	.4	.5 ^p									
Number of long-term job vacancies ² (In thousands)													
1969.....	-	-	-	137	131	110	109	121	127	111	101	90	120
1970.....	76	69	67	60	58	45	44	43	38	33	30	29	49
1971.....	28	27	27	29 ^p									
Long-term job vacancy rates ²													
1969.....	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.6
1970.....	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3
1971.....	.1	.1	.1	.2 ^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: Job vacancy rates in manufacturing, by industry

Industry division and group	1971					1970							
	Apr. P	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.
Job vacancy rates ¹													
Manufacturing.....	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.6	0.6	0.8	0.8
Durable goods.....	.4	.4	.4	.4	.3	.3	.4	.5	.6	.6	.6	.7	.7
Nondurable goods.....	.6	.5	.5	.5	.5	.5	.6	.7	.8	.7	.7	.9	.9
Selected durable goods industries:													
Primary metal industries.....	.3	.3	.3	.3	.2	.2	.3	.4	.6	.4	.5	.6	.7
Machinery, except electrical.....	.4	.4	.4	.4	.4	.4	.4	.5	.6	.5	.6	.8	.9
Electrical equipment and supplies.....	.4	.4	.4	.4	.4	.3	.4	.6	.7	.6	.6	.8	.8
Transportation equipment.....	.4	.4	.3	.4	.4	.4	.4	.4	.6	.5	.5	.6	.5
Instruments and related products.....	.8	.6	.5	.6	.5	.4	.6	.7	.7	.6	.7	1.1	1.4
Selected nondurable goods industries:													
Textile mill products.....	.9	.8	.6	.7	.6	.6	.8	1.0	1.0	.9	.8	1.1	1.1
Apparel and other textile products.....	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.4	1.5	1.4	1.4	1.5	1.5
Printing and publishing.....	.3	.4	.4	.4	.3	.4	.4	.5	.6	.5	.5	.6	.7
Chemicals and allied products.....	.4	.5	.4	.4	.4	.4	.4	.6	.6	.6	.7	.8	.8
Long-term job vacancy rates ²													
Manufacturing.....	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
Durable goods.....	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3
Nondurable goods.....	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3
Selected durable goods industries:													
Primary metal industries.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.3
Machinery, except electrical.....	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.4
Electrical equipment and supplies.....	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2
Transportation equipment.....	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.1	.2	.2
Instruments and related products.....	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.4	.6
Selected nondurable goods industries:													
Textile mill products.....	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.3	.3
Apparel and other textile products.....	.7	.7	.7	.6	.6	.6	.6	.7	.8	.7	.8	.8	.8
Printing and publishing.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2
Chemicals and allied products.....	.2	.2	.2	.1	.2	.2	.2	.2	.2	.3	.3	.4	.4
Long-term job vacancies as a percent of job vacancies ³													
Manufacturing.....	32	32	34	34	38	40	35	32	31	35	36	37	38
Durable goods.....	26	27	26	29	36	37	34	30	30	33	33	35	37
Nondurable goods.....	37	37	41	38	41	42	37	34	33	38	40	39	39
Selected durable goods industries:													
Primary metal industries.....	26	28	23	21	29	34	44	31	27	36	29	39	37
Machinery, except electrical.....	29	29	31	35	40	39	40	38	37	42	38	42	42
Electrical equipment and supplies.....	15	19	14	26	26	30	27	24	25	22	22	27	28
Transportation equipment.....	22	22	24	25	38	40	34	31	32	37	30	28	41
Instruments and related products.....	14	32	19	20	25	28	21	20	24	23	34	39	41
Selected nondurable goods industries:													
Textile mill products.....	24	19	27	23	24	25	23	22	21	24	29	28	26
Apparel and other textile products.....	54	53	55	52	52	56	51	51	50	52	55	53	54
Printing and publishing.....	22	21	21	20	26	23	23	22	21	27	32	30	33
Chemicals and allied products.....	38	34	43	35	45	51	49	38	31	45	43	48	49

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Percentages are computed using unrounded rates.

p= preliminary.

ESTABLISHMENT DATA NATIONAL AND AREA JOB VACANCY

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

Industry division and group	1971					1970							
	Apr. ^P	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.
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	50.2	47.8	49.6	46.9	48.5	46.6	49.1	48.8	51.5	51.0	52.1	53.7	54.8
Primary metal industries	4.6	4.8	5.0	4.1	4.1	3.8	3.5	5.0	5.5	4.5	5.3	5.6	6.2
Machinery, except electrical	8.4	7.9	8.0	8.4	8.9	9.1	8.6	8.5	8.1	8.4	10.5	10.6	11.3
Electrical equipment and supplies	8.6	7.7	9.5	8.5	9.0	8.4	9.0	9.3	9.8	10.0	9.1	9.7	10.0
Transportation equipment	7.9	7.6	7.8	7.9	8.6	7.5	7.0	5.9	7.2	6.6	7.0	7.2	6.3
Instruments and related products	3.9	3.0	2.6	3.1	2.6	2.4	3.1	2.5	2.4	2.4	2.6	3.6	4.4
Other durable goods industries	16.9	16.7	16.6	14.9	15.3	15.5	17.9	17.5	18.6	19.3	17.6	16.9	16.5
Nondurable goods	49.8	52.2	50.4	53.1	51.5	53.4	50.9	51.2	48.5	49.0	47.9	46.3	45.2
Textile mill products	9.0	9.0	7.5	7.9	7.7	8.1	8.1	8.1	7.1	6.9	6.7	6.8	7.0
Apparel and other textile products	18.8	21.5	21.0	21.0	20.4	20.7	17.2	16.3	15.7	15.0	16.6	14.3	13.2
Printing and publishing	3.5	4.7	4.9	6.0	4.1	5.2	5.2	4.6	5.1	4.4	4.3	4.4	5.0
Chemicals and allied products	5.0	5.7	5.8	4.9	6.1	5.4	4.6	5.2	4.9	5.3	6.0	5.4	5.6
Other nondurable goods industries	13.5	11.6	11.3	13.3	13.2	14.0	15.9	17.0	15.7	17.4	14.3	15.3	14.4

^p=preliminary.

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

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total ¹		Long-term ²			Total ¹		Long-term ²	
	Mar. ^P	Feb.	Mar. ^P	Feb.		Mar. ^P	Feb.	Mar. ^P	Feb.
United States ³	0.4	0.4	0.1	0.1	Areas—Continued				
Albany-Schenectady—					Oklahoma City, Okla. ....	.5	.6	*	*
Troy, N. Y. ....	.5	.6	.2	.3	Paterson-Clifton—				
Atlanta, Ga. ....	.3	.4	.1	.1	Passaic, N. J. ....	.4	.4	.2	.1
Baltimore, Md. ....	.4	.6	.1	.1	Perth Amboy, N. J. ....	.7	.5	.2	.2
Boston, Mass. ....	.9	.7	.4	.2	Philadelphia, Pa. ....	.4	.4	.1	.1
Buffalo, N. Y. ....	.2	.3	.1	.1	Phoenix, Ariz. ....	.5	.7	*	.1
Cedar Rapids, Iowa ....	.1	.2	*	*	Portland, Oreg. ....	.4	.2	.1	.1
Dallas, Tex. ....	.7	.3	.3	.1	Providence-Pawtucket—				
Denver, Colo. ....	.3	.2	*	.1	Warwick, R. I. ....	.3	.5	.1	.2
Des Moines, Iowa ....	.5	.6	.2	.1	Richmond, Va. ....	.4	.3	.1	.1
Detroit, Mich. ....	.1	.1	*	*	Salt Lake City, Utah. ....	.3	.2	.1	.1
Greensboro-Winston-Salem—					St. Louis, Mo. ....	.2	.2	*	.1
High Point, N. C.	1.0	.8	.2	.2	Syracuse, N. Y. ....	.3	.3	.1	.1
Houston, Tex. ....	.5	.5	.2	.2	Tampa-St. Petersburg, Fla.	.7	.6	.3	.2
Jersey City, N. J. ....	.3	.3	.1	*	Wichita, Kans. ....	.1	.1	.1	.1
Kansas City, Mo. ....	.2	.2	.1	*	Nonmanufacturing ⁴				
Little Rock-North					Wholesale and retail trade:				
Little Rock, Ark. ....	.6	.4	.2	.1	Boston, Mass. ....	.3	.3	.1	.1
Miami, Fla. ....	.6	.8	.1	.1	Finance, insurance and				
Milwaukee, Wis. ....	.2	.3	.1	.1	real estate:				
Minneapolis-St. Paul,					Hartford, Conn.	3.2	3.2	1.7	1.5
Minn. ....	.2	.2	*	.1	Service:				
New Orleans, La. ....	.1	.1	.1	.1	Boston, Mass.	1.1	1.1	.4	.4
Newark, N. J. ....	.5	.4	.1	.1	Government:				
New York, N. Y. ....	.5	.5	.2	.2	Atlanta, Ga.	1.4	1.4	.8	.8
					Boston, Mass. ....	.7	.7	.5	.5

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.

* Less than 0.05.

^p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	May 1971	April 1971	May 1970	Change from May 1971		May 1971	April 1971	May 1970
				April 1971	May 1970			
TOTAL ²	2,030.3	**2,323.4	1,689.3	** -293.2	+340.9	3.8	4.4	3.2
SEASONALLY ADJUSTED	2,268.3	**2,091.8	1,889.1	***+176.4	+379.2	4.3	3.9	3.6
Alabama	21.9	24.6	20.3	-2.8	+1.6	3.1	3.5	2.9
Alaska	5.9	8.3	4.6	-2.3	+1.3	10.6	14.7	9.1
Arizona	10.2	11.9	7.6	-1.6	+2.6	2.6	3.0	2.1
Arkansas	13.1	18.2	13.7	-5.1	-.6	3.3	4.6	3.4
California*	322.2	335.2	259.8	-13.0	+62.5	6.1	6.3	5.0
Colorado	6.9	8.1	6.3	-1.2	+.6	1.4	1.6	1.3
Connecticut	67.2	73.9	33.9	-6.7	+33.3	6.5	7.2	3.4
Delaware	4.4	5.0	2.8	-.5	+1.6	2.6	2.9	1.7
District of Columbia	6.3	7.0	4.8	-.6	+1.6	1.8	2.0	1.4
Florida	35.7	37.8	25.2	-2.1	+10.5	2.3	2.5	1.8
Georgia	19.0	22.3	17.7	-3.2	1.4	1.7	2.0	1.6
Hawaii	9.1	9.9	4.5	-.7	+4.6	3.5	3.8	1.9
Idaho	5.8	8.2	4.8	-2.4	+1.0	3.7	5.3	3.2
Illinois	91.2	108.5	100.6	-17.4	-9.5	2.8	3.4	3.1
Indiana	34.2	43.4	33.8	-9.2	+.4	2.4	3.1	2.4
Iowa	13.2	17.7	13.4	-4.5	-.2	2.3	3.0	2.3
Kansas	16.1	19.0	15.5	-2.9	+.6	3.7	4.3	3.5
Kentucky	20.8	25.6	18.8	-4.7	+2.1	3.3	4.1	3.0
Louisiana	30.1	32.3	30.2	-2.2	-.1	4.1	4.5	4.2
Maine	13.6	17.4	9.1	-3.8	+4.5	6.1	7.7	4.1
Maryland	26.7	31.1	22.3	-4.4	+4.4	2.8	3.3	2.4
Massachusetts	94.8	103.7	65.8	-9.0	+28.9	5.4	5.9	3.9
Michigan	111.9	139.7	97.8	-27.8	+14.2	4.6	5.8	4.0
Minnesota	31.1	45.9	23.7	-14.8	+7.4	3.1	4.6	2.4
Mississippi	9.6	11.2	11.1	-1.6	-1.4	2.5	2.9	2.9
Missouri	40.7	49.9	51.7	-9.3	-11.1	3.4	4.2	4.3
Montana	4.3	6.7	4.9	-2.4	-.6	3.4	5.3	3.9
Nebraska	5.2	**6.7	3.8	** -1.5	+1.4	1.7	2.3	1.3
Nevada	6.6	7.7	5.4	-1.1	+1.2	4.1	4.8	3.6
New Hampshire	6.7	8.7	3.1	-2.0	+3.7	3.4	4.4	1.6
New Jersey	112.8	126.3	79.5	-13.5	+33.3	5.4	6.1	4.0
New Mexico	7.6	9.1	7.4	-1.4	+.2	4.1	4.9	4.2
New York	240.4	265.1	184.4	-24.7	+56.0	4.2	4.7	3.2
North Carolina	32.1	40.5	27.5	-8.5	+4.5	2.4	3.0	2.1
North Dakota	2.6	5.3	2.5	-2.7	+.1	3.0	6.2	3.0
Ohio	79.0	92.8	69.6	-13.9	+9.4	2.7	3.1	2.4
Oklahoma	18.6	20.3	13.8	-1.7	+4.7	3.8	4.1	2.9
Oregon	27.4	33.3	28.8	-5.9	-1.4	5.0	6.1	5.3
Pennsylvania	119.5	135.7	97.3	-16.3	+22.2	3.5	4.0	2.9
Puerto Rico ³	39.0	39.7	30.4	-.9	+8.6	9.7	9.9	8.0
Rhode Island	15.5	17.6	14.1	-2.1	+1.4	5.6	6.3	5.0
South Carolina	17.7	19.1	15.0	-1.3	+2.8	2.8	3.1	2.5
South Dakota	1.4	2.3	1.2	-.9	+.2	1.5	2.5	1.3
Tennessee	32.4	39.0	31.4	-6.6	+1.0	3.4	4.1	3.3
Texas	46.1	51.3	32.4	-5.2	+13.7	1.8	2.0	1.3
Utah	7.7	8.9	7.1	-1.2	+.6	3.3	3.9	3.2
Vermont	5.8	7.1	3.5	-1.4	+2.2	5.6	6.9	3.5
Virginia	13.0	16.3	9.8	-3.4	+3.1	1.3	1.6	1.0
Washington	77.5	82.2	69.7	-4.7	+7.8	9.7	10.3	8.4
West Virginia	11.4	14.0	11.8	-2.5	-.4	3.2	3.9	3.3
Wisconsin	37.0	50.0	34.0	-13.1	+2.9	3.2	4.4	3.0
Wyoming	1.2	1.8	1.1	-.6	+.1	1.6	2.5	1.5

¹Based on unrounded data; changes of less than .50 not shown.
²Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.
³Excludes insured unemployment under extended duration provisions of regular State laws.
****Revised**

F-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	May 1971	May 1970	State and area	May 1971	May 1970	State and area	May 1971	May 1970	State and area	May 1971	May 1970
ALABAMA*			INDIANA			NEW HAMPSHIRE*			Pennsylvania--		
Birmingham.....	5.4	3.8	Evansville.....	1.3	1.9	Manchester.....	1.3	.7	continued		
Mobile.....	2.9	2.3	Ft. Wayne.....	1.6	1.5				York.....	2.9	1.9
			Gary-Hammond..	2.6	2.9						
			Indianapolis....	7.1	5.0	NEW JERSEY*			PUERTO RICO*		
ARIZONA			South Bend.....	2.2	2.6	Atlantic City....	3.2	2.5	Mayaguez.....	2.4	1.6
Phoenix.....	7.2	5.3	Terre Haute.....	1.1	1.1	Jersey City.....	17.4	13.4	Ponce.....	2.8	1.9
						Newark.....	29.2	20.1	San Juan.....	6.8	6.3
						New Brunswick..	12.1	8.0			
ARKANSAS			IOWA			Paterson.....	24.1	17.2			
Little Rock.....	1.4	1.3	Cedar Rapids....	1.6	1.2	Trenton.....	2.9	2.3			
			Des Moines.....	1.4	1.2				RHODE ISLAND*		
									Providence.....	17.6	15.1
CALIFORNIA*			KANSAS *			NEW MEXICO					
Anaheim-S. Ana-			Wichita.....	7.0	8.1	Albuquerque....	3.1	2.8			
Garden Grove..	21.4	13.7							SOUTH CAROLINA		
Fresno.....	7.1	6.8	KENTUCKY			NEW YORK *			Charleston.....	2.0	1.3
Los Angeles....	140.9	113.9	Louisville.....	7.3	4.5	Albany.....	5.6	3.9	Greenville.....	2.2	1.3
Sacramento.....	11.0	9.4				Binghamton....	3.2	1.8			
San Bernardino..	14.7	12.0	LOUISIANA			Buffalo.....	17.0	11.1			
San Diego.....	18.9	15.3	Baton Rouge....	2.0	3.0	New York.....	170.3	136.1			
San Francisco..	51.2	39.0	New Orleans....	8.9	7.7	Rochester.....	12.1	7.2	TENNESSEE		
San Jose.....	17.5	14.5	Shreveport.....	2.5	2.1	Syracuse.....	6.6	5.0	Chattanooga....	2.0	2.1
Stockton.....	6.0	6.2				Utica.....	5.0	3.7	Knoxville.....	2.8	2.5
			MAINE *						Memphis.....	5.7	5.5
COLORADO			Portland.....	1.3	.7	NORTH CAROLINA			Nashville.....	4.1	3.2
Denver.....	4.2	3.7				Asheville.....	1.0	.8			
			MARYLAND			Charlotte.....	1.7	1.4	TEXAS		
			Baltimore.....	17.9	16.2	Durham.....	.7	.4	Austin.....	.6	.4
CONNECTICUT*						Greensboro...			Beaumont.....	2.8	2.0
Bridgeport.....	10.9	5.8	MASSACHUSETTS*			Winston-Salem..	4.2	2.9	Corpus Christi..	1.2	.9
Hartford.....	13.8	5.5	Boston.....	42.8	27.9				Dallas.....	7.6	4.7
New Britain.....	4.0	1.9	Brockton.....	3.2	2.3	OHIO			El Paso.....	1.8	1.7
New Haven.....	8.4	4.1	Fall River.....	2.7	3.3	Akron.....	5.4	4.7	Ft. Worth.....	6.7	2.3
Stamford.....	2.7	1.1	Lawrence.....	5.9	3.4	Canton.....	2.8	3.8	Houston.....	5.7	3.1
Waterbury.....	5.7	4.0	Lowell.....	4.3	2.6	Cincinnati.....	12.1	5.6	San Antonio.....	2.8	2.3
			New Bedford....	4.6	5.3	Cleveland.....	16.2	17.0			
DELAWARE			Springfield....	10.4	7.4	Columbus.....	4.2	3.8	UTAH		
Wilmington.....	4.5	2.7	Worcester.....	5.8	3.3	Dayton.....	9.3	3.6	Salt Lake City..	4.2	3.9
						Hamilton.....	2.7	1.1			
			MICHIGAN*			Lorain.....	1.7	1.9	VIRGINIA		
DIST. OF COL.			Battle Creek....	2.2	2.2	Steubenville...	.5	.9	Hampton.....	.9	1.2
Washington.....	11.2	8.0	Detroit.....	61.8	47.2	Toledo.....	4.9	4.4	Norfolk.....	1.8	1.1
			Flint.....	3.7	3.2	Youngstown....	3.5	6.2	Richmond.....	1.8	1.0
			Grand Rapids...	7.2	7.5				Roanoke.....	.4	.2
FLORIDA			Kalamazoo.....	2.5	2.2	OKLAHOMA			WASHINGTON*		
Jacksonville....	.9	.9	Lansing.....	3.2	3.1	Oklahoma City..	3.5	2.3	Seattle.....	44.2	39.7
Miami.....	10.4	8.0	Muskegon.....	2.5	3.1	Tulsa.....	4.0	3.0	Spokane.....	4.7	3.4
Tampa.....	4.8	3.3	Saginaw.....	1.5	1.5				Tacoma.....	7.9	7.4
						OREGON*					
GEORGIA			MINNESOTA*			Portland.....	14.7	14.4	WEST VIRGINIA		
Atlanta.....	6.2	4.9	Duluth.....	2.1	1.6				Charleston.....	1.6	2.4
Augusta.....	1.7	1.4	Minneapolis....	18.4	10.3	PENNSYLVANIA*			Huntington.....	2.5	2.2
Columbus.....	1.0	1.0				Allentown.....	6.2	3.7	Wheeling.....	1.2	1.3
Macon.....	.9	1.2	MISSISSIPPI			Altoona.....	1.4	1.0			
Savannah.....	.9	.7	Jackson.....	.9	1.0	Erie.....	2.5	1.8	WISCONSIN		
						Harrisburg.....	2.9	1.8	Kenosha.....	1.0	1.5
HAWAII			MISSOURI			Johnstown.....	2.6	3.5	Madison.....	1.4	1.4
Honolulu.....	7.3	3.1	Kansas City....	10.3	9.4	Lancaster.....	2.3	1.1	Milwaukee.....	15.0	11.5
			St. Louis.....	24.8	34.4	Philadelphia...	56.7	38.2	Racine.....	2.1	1.7
						Pittsburgh.....	21.1	20.0			
ILLINOIS			NEBRASKA			Reading.....	3.0	1.6			
Chicago.....	59.3	64.8	Omaha.....	2.6	1.9	Scranton.....	5.0	4.1			
Davenport.....	3.4	2.7				Wilkes-Barre...	5.9	6.6			
Peoria.....	2.5	1.6									
Rockford.....	3.0	2.9									

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

*Excludes insured unemployed under extended duration provisions of regular State laws.

Technical Note

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

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 50,000 households, representing 449 areas in 863 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

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

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

Relation between the household and establishment series

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

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

Employment

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

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

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

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

Hours of Work

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

Comparability of the household interview data with other series

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower Administration of the Department of Labor, exclude persons who have exhausted their benefit

rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

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

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 contract construction, professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

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

Employment covered by State unemployment insurance programs. Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 28 States (as of January 1, 1970). In general, these are establishments with less than four employees.

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

Labor Force Data

COLLECTION AND COVERAGE

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

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown

in this report. Data on members of the Armed Forces, who are included as part of the categories “total noninstitutional population” and “total labor force,” are obtained from the Department of Defense.

Each month, 50,000 occupied units are designated for interview. About 2,250 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 4.5 percent. In addition to the 50,000 occupied units there are 8,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year ago.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their

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

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

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

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

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

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

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

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

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

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published: the total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population, and the civilian labor force participation rate, which is the ratio of civilian labor force and civilian

noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

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

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

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1960 Census of Population. Information on the detailed categories included in these groups is available upon request.

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

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

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

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

Persons who worked 35 hours or more in the survey week are designated as working "full time"; persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job

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

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

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

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

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 for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups—color (white and Negro and other races) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 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 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 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 (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

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

Rounding of Estimates

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

Reliability of the Estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

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

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

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

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

Table A. Average standard error of major employment status categories

(In thousands)

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
BOTH SEXES		
Labor force and total employment	190	145
Agriculture	120	100
Nonagricultural employment	200	150
Unemployment	75	80
MALE		
Labor force and total employment	100	75
Agriculture	95	80
Nonagricultural employment	120	95
Unemployment	60	60
FEMALE		
Labor force and total employment	150	115
Agriculture	50	40
Nonagricultural employment	150	115
Unemployment	50	55

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	-	-	-	-	-

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.

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

(In thousands)

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

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

Table D. Standard error of percentage

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

Establishment Data

COLLECTION

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

Federal-State Cooperation

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

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

Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and three job vacancy items as of the end of the month: current job vacancies, (i.e., vacancies available for immediate filling), current vacancies which have remained unfilled for 30 days or more, and openings with future starting dates.

CONCEPTS

Industrial Classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. For an

establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

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

Industry Employment

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

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

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

Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining 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 foremen 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 work-

ers, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

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

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

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

Gross Average Hourly and Weekly Earnings

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

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

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

Hours and Earnings for Total Private Nonagricultural Industries

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

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

Railroad Hours and Earnings

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

Spendable Average Weekly Earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from gross 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.

"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 employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

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 another establishment of the company.

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

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

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

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

Relationship of Labor Turnover to Employment Series

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

Job Vacancies

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

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

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

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

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

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

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

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

ESTIMATING METHODS

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

The "Link Relative" Technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described later in table L, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, Job Vacancies, and Labor Turnover. Further details are given in the technical notes—Chapter 2, Employment, Hours and Earnings, and Chapter 3, Labor Turnover, reprinted from the *Handbook of Methods for Surveys and Studies*, BLS Bulletin 1458—which are available upon request.

Size and Regional Stratification

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

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1969 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies

from reports of establishments covered under State unemployment insurance laws. These tabulations, covering three-fourths of the total nonagricultural employment in the United States, are prepared under the direction of the Manpower Administration. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

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

Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1967-1969

Industry division	1967	1968	1969
Total	100.0	100.4	99.8
Mining	99.5	101.7	101.5
Contract construction . .	101.6	99.5	99.0
Manufacturing	99.5	99.8	99.8
Transportation and public utilities	99.8	100.7	100.4
Wholesale and retail trade	100.7	100.3	100.0
Finance, insurance, and real estate	100.2	99.2	100.0
Services	99.8	99.2	99.1
Government	100.0	102.8	100.1

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

THE SAMPLE

Design

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

cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the samples 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 larger 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 smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

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

Coverage

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

Table G shows the approximate coverage, in terms of employment, of the 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 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

Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1969¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining	2,300	297,000	49
Contract construction	16,400	773,000	25
Manufacturing	47,000	12,550,000	63
Transportation and public utilities:			
Railroad transportation (ICC)	100	590,000	92
Other transportation and public utilities	7,100	2,082,000	56
Wholesale and retail trade	40,000	2,813,000	20
Finance, insurance, and real estate	9,600	1,243,000	36
Services	23,500	2,377,000	22
Government:			
Federal (Civil Service Commission) ²	3,300	2,737,000	100
State and local	9,600	5,065,000	53

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

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

Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1969

Industry	Employees	
	Number reported	Percent of total
Manufacturing ¹	10,448,400	52
Metal mining	64,400	72
Coal mining	59,000	44
Communication:		
Telephone	605,200	71
Telegraph	22,400	69

¹ Since some establishments do not report the information, job vacancy estimates currently are based on reports from approximately 90 percent of the sample establishments covering about 43 percent of universe employment.

benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. Table H presents the average percent revisions of the 6 most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

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

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2	-	-
Total private. . . . .	.2	0.1	0.2
Mining . . . . .	.8	.5	.5
Construction.	1.0	.2	.3
Manufacturing. . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.3	.7	.4
Trade . . . . .	.4	.1	.2
Wholesale	1.1	.2	.3
Retail . . . . .	.3	.2	.2
Finance, insurance, and real estate . . . . .	.5	.2	.4
Services . . . . .	.8	.4	.8
Government ³	-	-	-

¹ Relative errors relate to March 1969 data.

² The average percent revision in employment for the 6 most recent benchmarks (1964-69).

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

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

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates.

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

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

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

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

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,000	0.9	1.5
100,000	2,800	.7	1.1
200,000	3,800	.5	.9
500,000	7,500	.4	.8
1,000,000	11,200	.3	.5
2,000,000	17,500	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

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

Table J. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	700	600
100,000	900	800
200,000	1,800	1,700
500,000	3,000	2,900
1,000,000	5,000	5,000
2,000,000	9,700	9,400
10,000,000	31,400	30,600
Total nonagricultural employment	88,000	80,000

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 K. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by a smaller percentage than the relative error. The chances are about 19 out of 20 that the difference would be a smaller percentage than twice the relative error.

Table K. Relative errors of estimates of job vacancy data

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

¹ Expressed as a percent of the estimate.

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 date of availability of each series) in a summary volume published annually by the BLS.

Unemployment Insurance Data

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

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

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

Seasonal Adjustments

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an

approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method* (1966), which may be obtained from the Bureau on request.

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Indexes of aggregate weekly man-hours, seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1967 base. For total, 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 Post Office Department 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 Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through February 1970. Seasonal factors to be used for current adjustment are shown in the June 1970 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1970 are published in the February 1971 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

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

ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours, earnings, job vacancy, and labor turnover series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1969 benchmarks. Data from April 1969 forward are subject to revision at the time of the next benchmark.

Beginning with the June 1970 and subsequent issues of *Employment and Earnings*, the national data in Section B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1970*. Comparable data are published in *Employment and Earnings, United States, 1909-70*, BLS Bulletin 1312-7.

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

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

UNITED STATES DEPARTMENT OF LABOR

Bureau of Labor Statistics

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Employment and Labor Turnover Statistics Programs

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VI	ARKANSAS	- Employment Security Division, Department of Labor, Little Rock 72205
IX	CALIFORNIA	- Division of Labor Statistics and Research, Department of Industrial Relations, Human Relations Agency, San Francisco 94101 (Employment).
VIII	COLORADO	- Department of Labor and Employment, Denver 80203
I	CONNECTICUT	- Employment Security Division, Connecticut Labor Department, Hartford 06115
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III	DIST. OF COL.	- Manpower Training and Employment Services Administration for the District of Columbia, Washington 20212
IV	FLORIDA	- Department of Commerce, Tallahassee 32304
IV	GEORGIA	- Employment Security Agency, Department of Labor, Atlanta 30334
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W	INDIANA	- Employment Security Division, Indianapolis 46204
VII	IOWA	- Employment Security Commission, Des Moines 50319
VII	KANSAS	- Employment Security Division, Department of Labor, Topeka 66605
IV	KENTUCKY	- Bureau of Employment Security, Department of Economic Security, Frankfort 40601
VI	LOUISIANA	- Department of Employment Security, Baton Rouge 70804
I	MAINE	- Employment Security Commission, Augusta 04330
III	MARYLAND	- Department of Employment and Social Services, Baltimore 21201
I	MASSACHUSETTS	- Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
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VII	MISSOURI	- Division of Employment Security, Jefferson City 65102
VIII	MONTANA	- Employment Security Commission, Helena 59601
VII	NEBRASKA	- Division of Employment, Department of Labor, Lincoln 68509
IX	NEVADA	- Employment Security Department, Carson City 89701
I	NEW HAMPSHIRE	- Department of Employment Security, Concord 03301
II	NEW JERSEY	- Division of Planning and Research, Department of Labor and Industry, Trenton 08625
VI	NEW MEXICO	- Employment Security Commission, Albuquerque 87103
II	NEW YORK	- Research and Statistics Office, Division of Employment, N.Y. State Department of Labor, State Campus Building 12, Albany 12201
IV	NORTH CAROLINA	- Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VIII	NORTH DAKOTA	- Employment Security Bureau, Bismarck 58501
V	OHIO	- Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
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