

EMPLOYMENT AND EARNINGS

VOL. 16 NO. 7 JANUARY 1970

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Employment and Unemployment Developments, December 1969

Employment continued to show little growth in December, while the unemployment rate was unchanged from November at 3.4 percent.

Nonfarm payroll employment was unchanged in December, continuing to reflect the slowdown in the pace of employment growth which has been evident since July. After allowance for strikes, payroll employment rose by only 375,000 in the second half of 1969, compared with a 1.5 million increase during the first half of the year; since October, payroll employment has been at a virtual standstill. The average workweek for rank-and-file workers and factory overtime both edged down in December and were also well below the levels of the first half of the year.

Unemployment rates for most labor force groups in December remained at their November levels and were below the rates of September and October. However, jobless rates for blue-collar workers, manufacturing workers, and the State insured unemployed have remained at or above their September and October levels.

Industry Payroll Employment

Total nonfarm payroll employment rose about in line with seasonal expectations in December to a total of 71.6 million; after seasonal adjustment, payroll employment was virtually unchanged. Modest employment gains in State and local government (40,000) and services (25,000) were offset by declines in trade (40,000), manufacturing (30,000), and construction (15,000).

The decline in manufacturing employment in December was the fourth successive monthly decline, although the November drop reflected a major strike. The durable goods industries, particularly transportation equipment and primary metals, accounted for most of the over-the-month decrease.

Unemployment

The number of unemployed persons totaled 2.6 million in December. After seasonal adjust-

ment, unemployment was unchanged over the month, after falling substantially between October and November.

The overall unemployment rate, at 3.4 percent in December, was unchanged from November. Rates of unemployment for adult men (2.2 percent), adult women (3.4 percent), and teenagers (11.9 percent) were all unchanged over the month, as were rates for most other labor force groups. Among Negroes, however, the jobless rate fell from 6.2 to 5.5 percent, with the improvement concentrated among adult women. The rate for Negro workers in December was the lowest since the Korean War period.

After rising substantially in September and remaining high in October, jobless rates for most groups have returned to the levels of late summer. However, unemployment rates for blue-collar workers (4.3 percent), manufacturing workers (3.7 percent), and the State insured unemployed (2.4 percent) in December remained as high or higher than they were in the September-October period.

Over the year, unemployment has risen by 200,000, and the jobless rate has inched up from its post-Korean low of 3.3 percent. Despite the small change in overall unemployment, the incidence of unemployment was somewhat greater among primary workers this December than last. Jobless rates for adult men, all full-time workers, the State insured, and blue-collar and manufacturing workers were all higher than a year ago. On the other hand, rates for teenagers, women, and part-time workers were unchanged or below those of last year.

Workweek

Average weekly hours for all rank-and-file workers on private nonfarm payrolls rose less than usual in December. On a seasonally adjusted basis, the average workweek edged down 0.1 hour to 37.5 hours, as declines in trade and finance, insurance, and real estate offset small increases in other industries.

Since September, the average workweek has fallen by 0.3 hour, after remaining at 37.8 hours for the previous 7 months. Average hours in December were at their lowest level (except for February 1969) since the series began in 1964.

In manufacturing, the average workweek rose by 0.1 hour to 40.6 hours (seasonally adjusted) in December. Despite this slight rise, the factory workweek remained low relative to most months in the first half of 1969.

Overtime hours in manufacturing inched down 0.1 hour (seasonally adjusted) to 3.4 hours and have declined by 0.3 hour since September. With the exception of April 1968, overtime hours were at the lowest level in 2 years. All of the decline in overtime hours occurred in the durable goods sector; since September, overtime in durables has dropped by a full half hour.

Earnings

At \$3.11 in December, average hourly earnings for production and nonsupervisory workers on private payrolls were down 1 cent over the month. A seasonal decline in trade was responsible for the drop. Over the year, hourly earnings were up 19 cents (6.5 percent).

Average weekly earnings rose by 25 cents in December, reflecting the small actual rise in the workweek. Increases in mining, construction, and manufacturing offset reduced weekly earnings in trade and finance, insurance, and real estate. Compared with a year ago, average weekly earnings were up by \$6.87, or 6.2 percent.

Labor Force and Total Employment

The civilian labor force was 81.4 million in December, 2.3 million more than a year ago. About half of this increase occurred among adult women, while adult men and teenagers accounted for equal shares of the remainder.

Total nonagricultural employment—including self-employed, unpaid family, and private household workers—was 75.8 million in December, not significantly different from November after al-

lowance for seasonal changes. Nonagricultural employment has shown moderate growth in the last part of 1969, after rising rapidly early in the year. Agricultural employment, at 3.0 million, was also unchanged over the month (after seasonal adjustment). Compared with December 1968, agricultural employment has declined by 300,000.

The Year in Review

The Nation's employment situation in 1969 was highlighted by strong employment gains with essentially no change in unemployment. For the year as a whole, employment rose by 2 million to 77.9 million, and the unemployment rate inched down to 3.5 percent, a new post-Korean War low.

Within the course of the year, however, there were several key labor force developments. During the first part of 1969, employment rose at a very rapid pace, and unemployment remained at or near post-Korean lows. By the end of the year, employment growth had slowed substantially, and joblessness was slightly above early 1969 levels.

Total employment and labor force. Total employment advanced to 77.9 million between 1968 and 1969. The 2 million year-to-year gain exceeded the increases of the previous 2 years and was similar to the extraordinarily rapid employment growth achieved in 1965 and 1966. Adult women accounted for 1.1 million of the 1969 increase, adult men 530,000, and teenagers 340,000.

The advance in total employment occurred entirely in the nonagricultural sector of the economy, as nonfarm employment rose by 2.2 million to 74.3 million. Employment in agriculture, after remaining unchanged in 1968, continued its long-term decline in 1969, receding by 210,000 to 3.6 million.

The civilian labor force increased by 2 million over the year to 80.7 million, marking the largest annual increase since 1947. The bulk of the 1969 increase occurred early in the year, when tight labor market conditions and favorable

employment opportunities drew a large number of new workers into the labor force. Three-fourths of this advance took place among adult women and teenagers. The increase for adult males represented their smallest proportion of overall labor force growth since 1966 (when there was a decline in their civilian labor force).

Unemployment. About 2.8 million persons were unemployed in 1969, the same as in 1968. In both years, the total number of unemployed consisted of approximately 1 million adult men, 1 million adult women, and 850,000 teenagers. Of the total, slightly more than half had lost or left their previous job, also essentially the same as in 1968.

The number of persons unemployed for 15 weeks or longer fell by 35,000 in 1969 to 375,000. This was the eighth consecutive year in which the number of long-term unemployed had declined and was the lowest annual level recorded since 1953. The average duration of joblessness for unemployed workers dropped from 8.5 to 7.9 weeks in 1969.

The overall unemployment rate of 3.5 percent in 1969 was virtually the same as the 3.6 percent rate of 1968. Rates for most major groups in the labor force also exhibited little change between 1968 and 1969. Unemployment rates edged down slightly for adult men (from 2.2 to 2.1 percent), teenagers (from 12.7 to 12.2 percent), and for married men (from 1.6 to 1.5 percent). The jobless rate for adult women, at 3.7 percent, was virtually unchanged from 1968. The unemployment rate for white workers, at 3.1 percent, also was little changed from 1968, while the Negro rate of 6.4 percent was a little lower than 6.7 percent figure of the previous year.

Industry developments. Total nonagricultural payroll employment increased 2.3 million in 1969 and passed the 70 million mark for the first time. Consistent with recent trends, the vast majority of new job growth resulted from pickups in the service-producing industries. Within this sector, the 1968-69 increase was concentrated in trade (560,000), services (510,000), and State and local government (360,000).

Considerable employment growth also occurred in the goods-producing industries, in contrast to the experience of recent years. The number of workers employed in manufacturing surpassed the 20 million mark on an annual basis for the first time, but virtually all of the year's advance took place during the first quarter. Three-fourths of the gain was concentrated in the durable goods industries. The year-to-year gain in construction was also impressive, with 140,000 new workers added to payrolls—all of the increase occurred in the first half of the year.

The average workweek for all production and other nonsupervisory workers on private payrolls declined for the fourth consecutive year, edging down 0.1 hour in 1969 to 37.7 hours. Workweek reductions in manufacturing (0.1 hour) and trade (0.4 hour) offset longer average hours in construction (0.6 hour) and mining (0.4 hour).

Gross weekly earnings for the Nation's rank-and-file workers rose to \$114.60 in 1969, a gain of \$6.90 (or 6.4 percent) from 1968. The gain was due entirely to a 19-cent rise (6.7 percent) in average hourly earnings. Among the major industry divisions, the sharpest rise in gross weekly earnings—10.1 percent—occurred in construction.

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

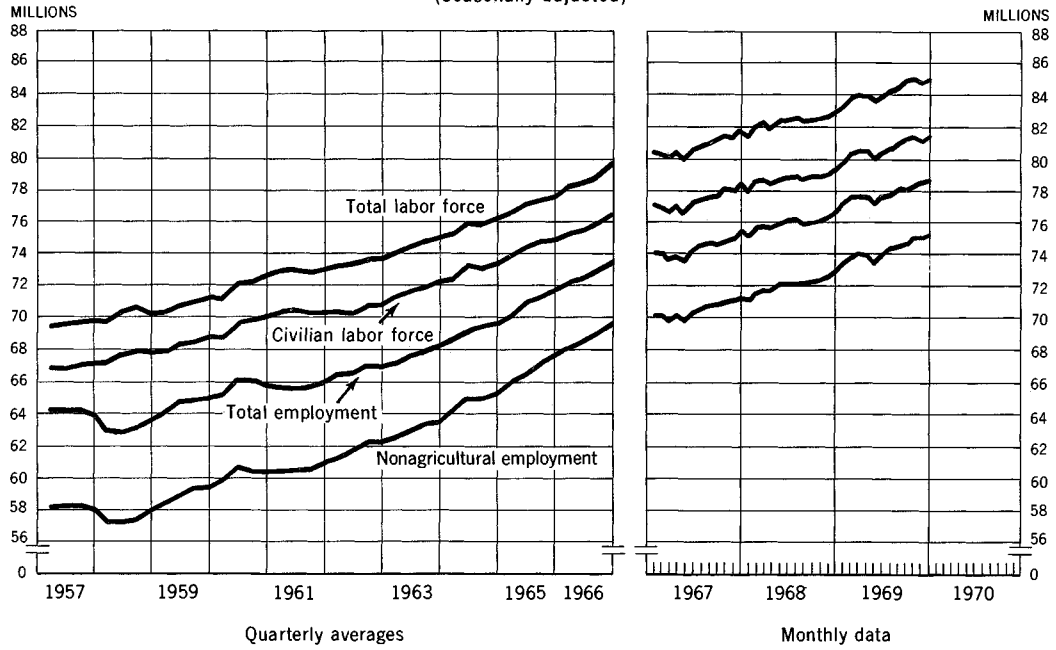
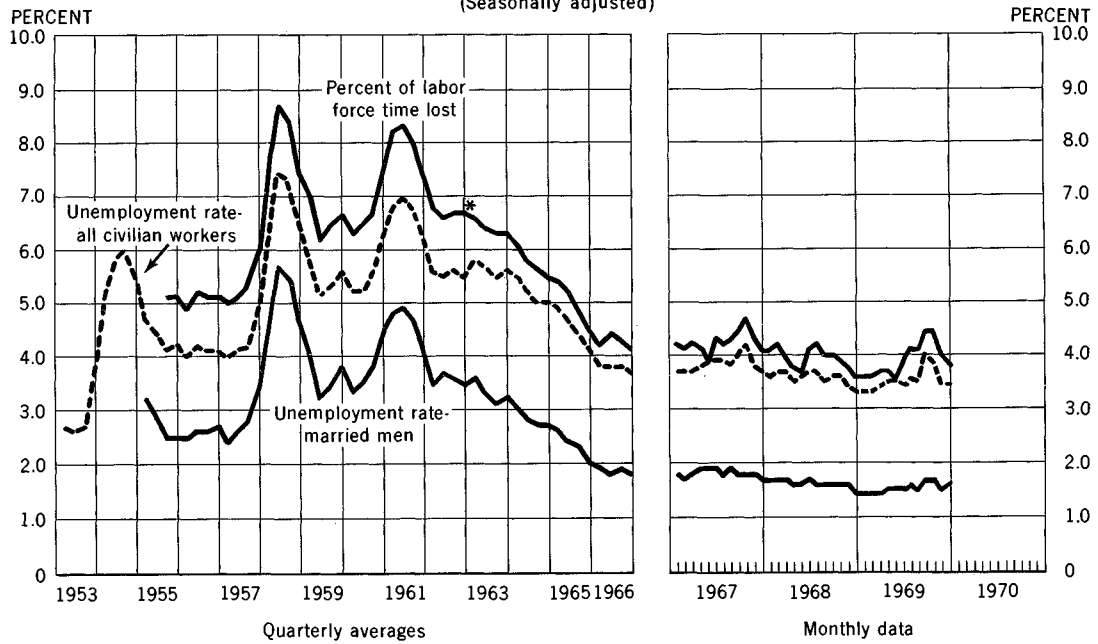


Chart 2.

MAJOR UNEMPLOYMENT INDICATORS

1953 to date
(Seasonally adjusted)

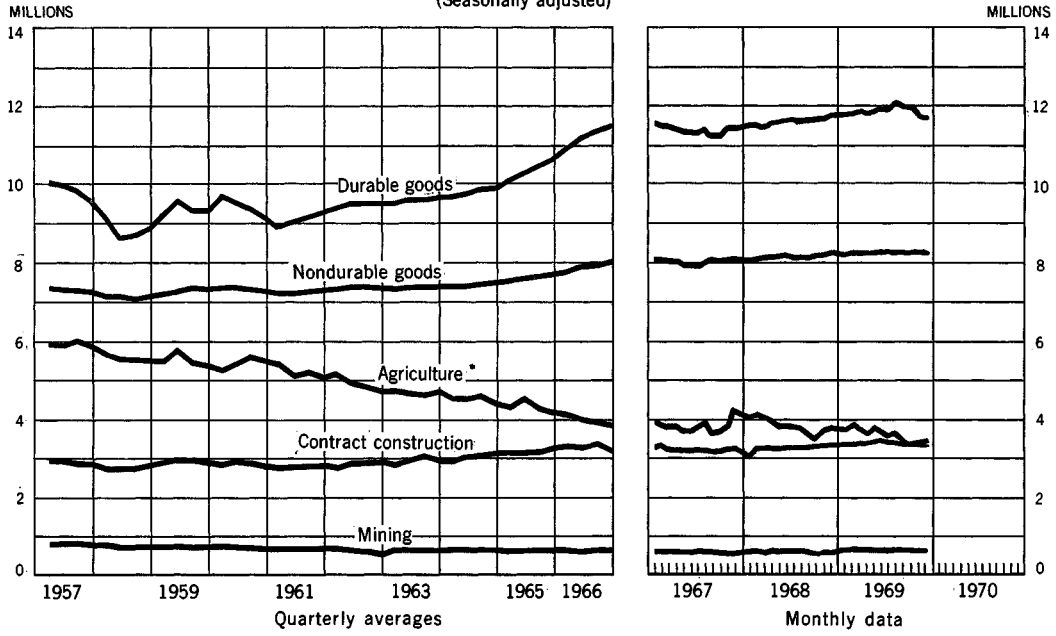


* Series revised beginning 1963 to reflect whether unemployed persons sought full-or part-time jobs.

Chart 3.

PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)

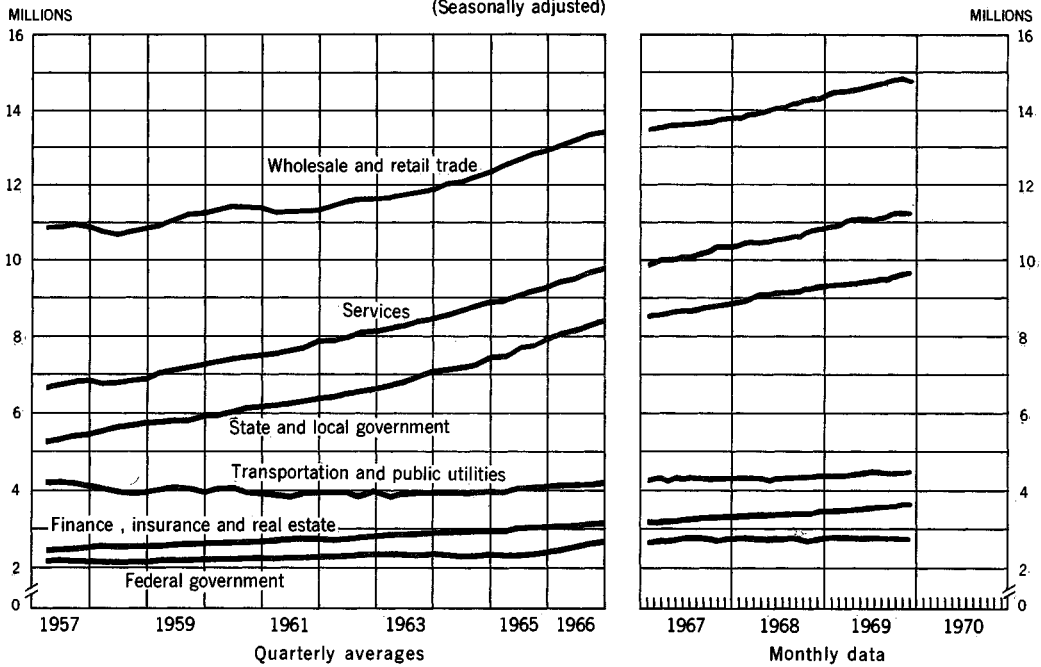


*Includes self-employed and unpaid family workers.
Note: Data for 2 most recent months are preliminary.

Chart 4.

PAYROLL EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

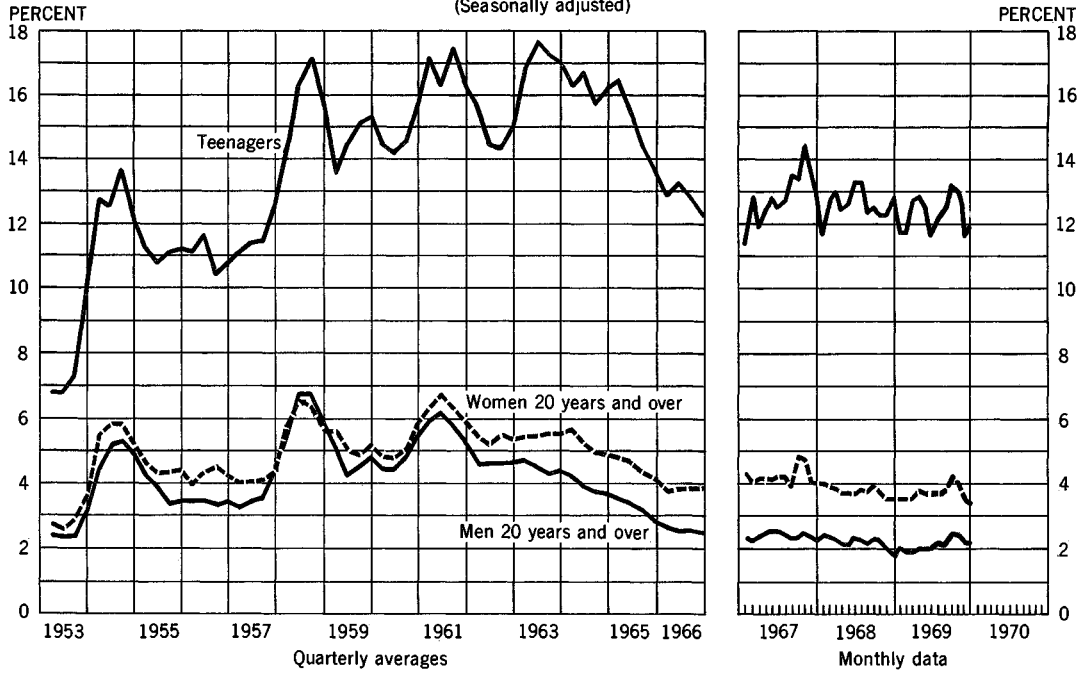


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

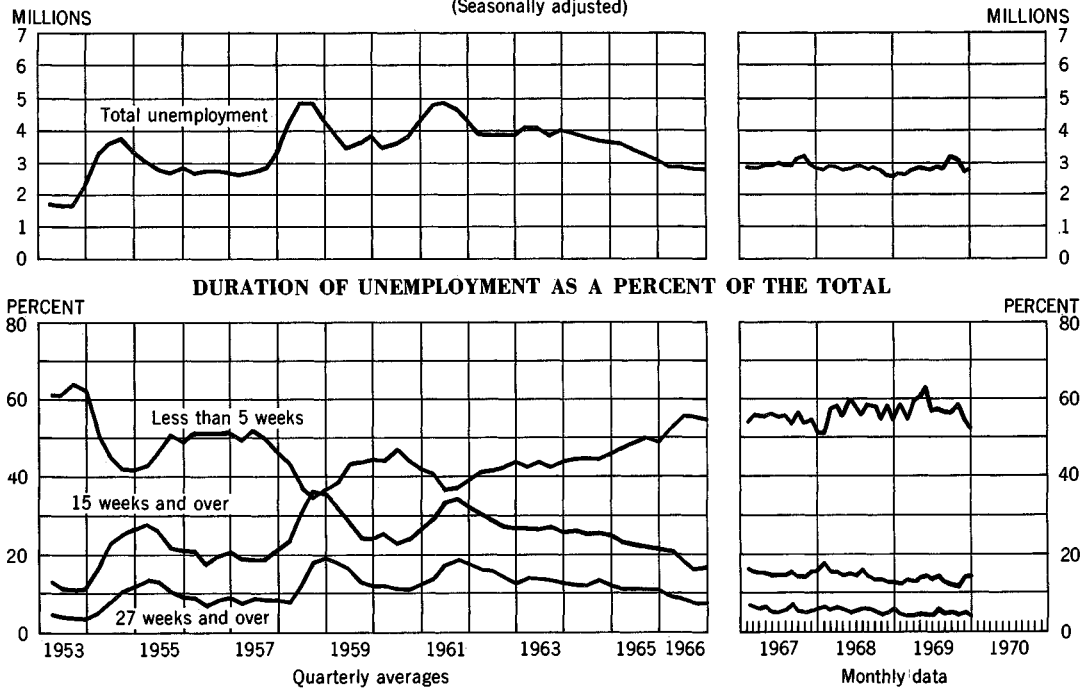
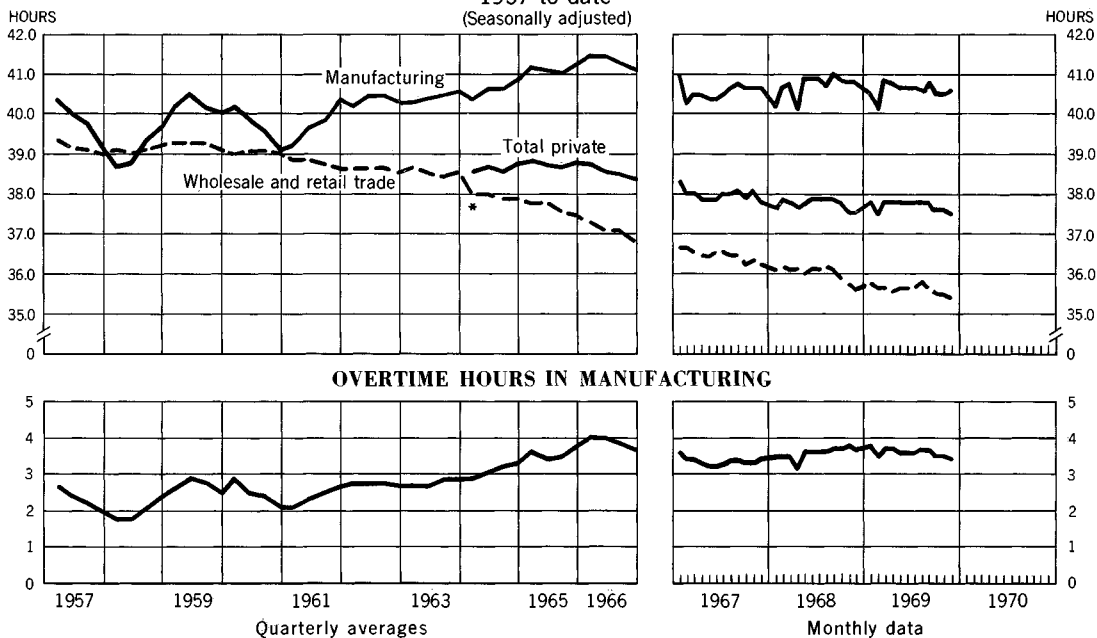


Chart 7.

HOURS OF WORK IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date
(Seasonally adjusted)

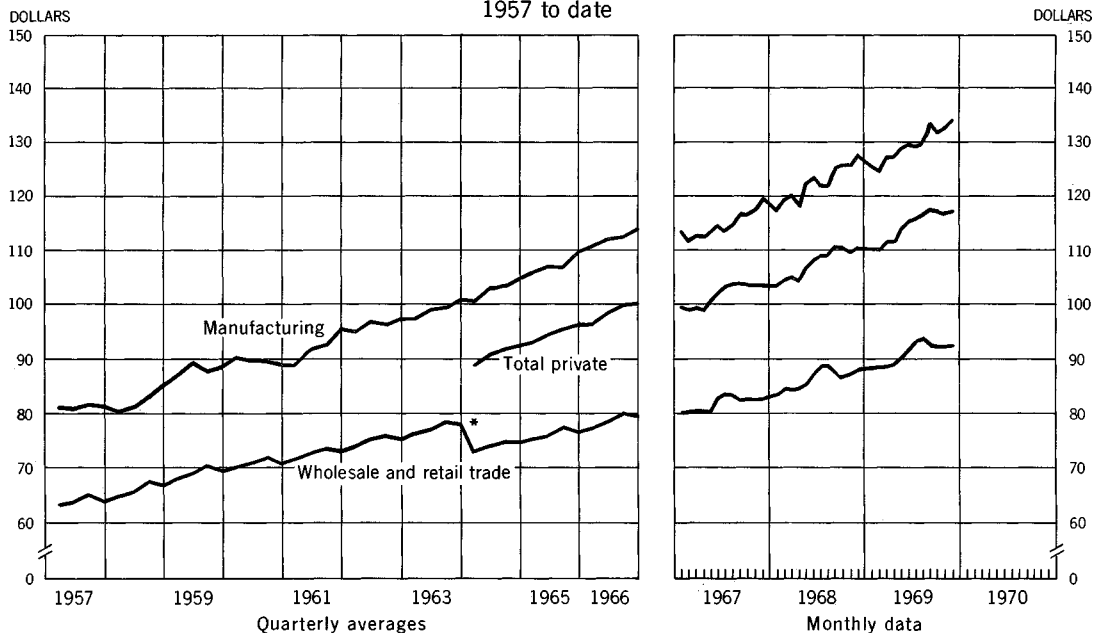


*Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 8.

AVERAGE WEEKLY EARNINGS IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

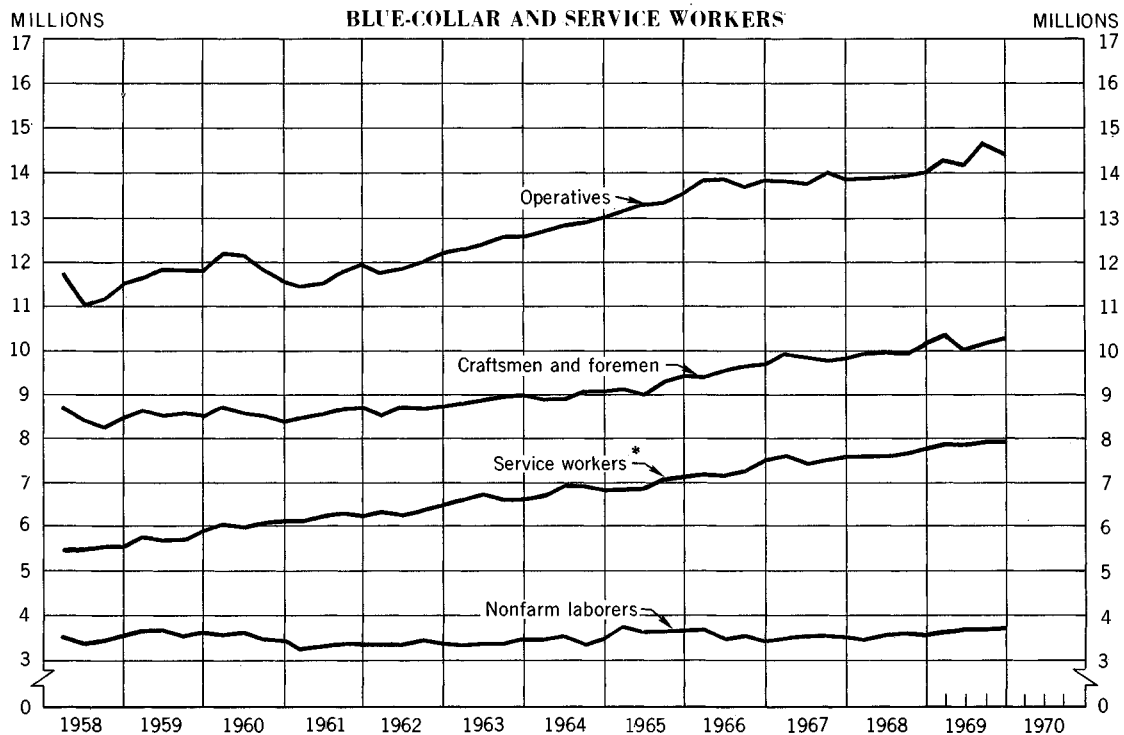
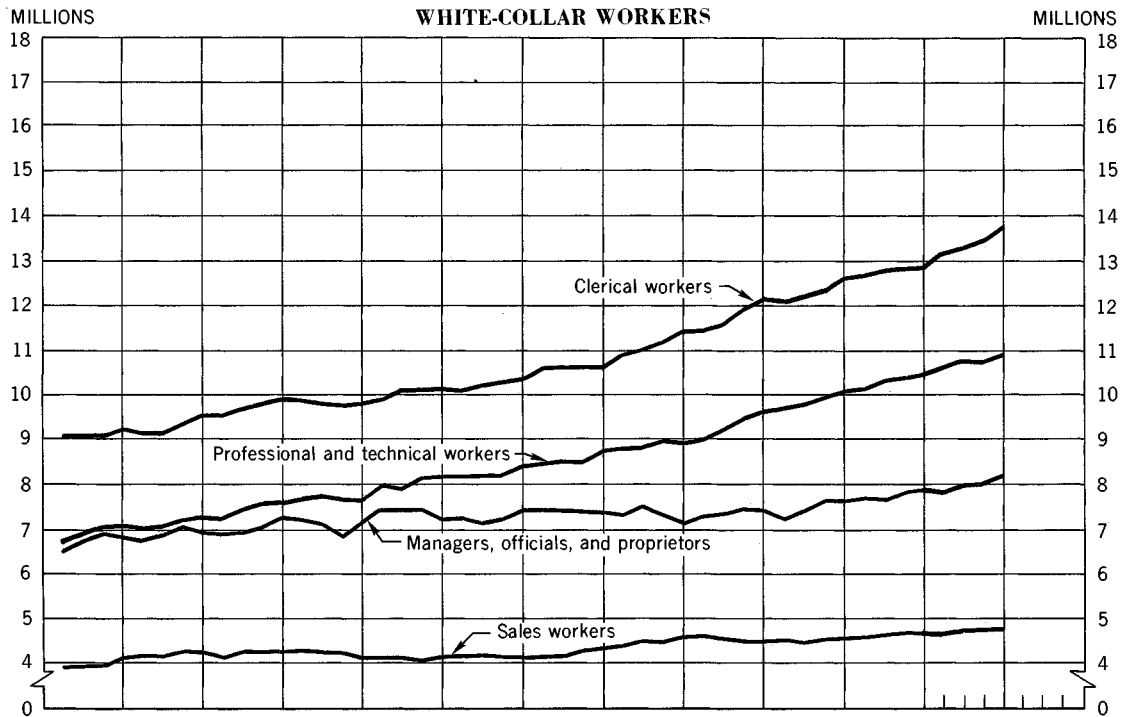
1957 to date



*Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date
(Seasonally adjusted quarterly averages)



* Excludes household workers.

Chart 10.

PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES BY FULL- AND PART-TIME STATUS

1957 to date
(Seasonally adjusted quarterly averages)

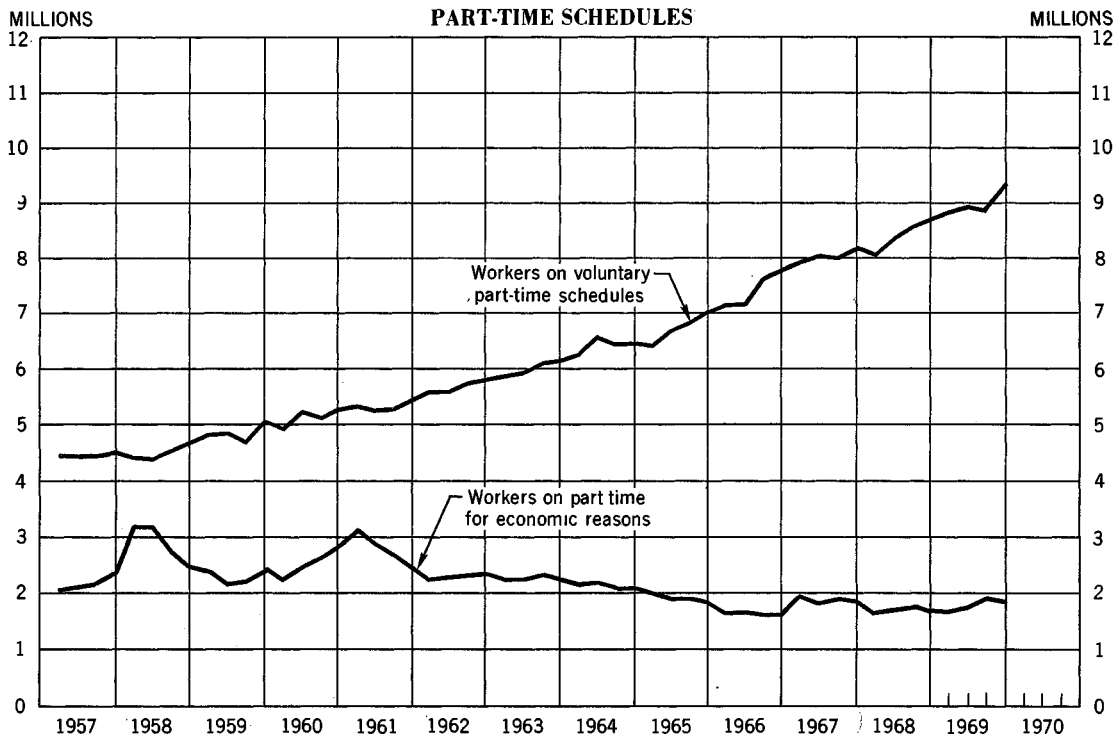
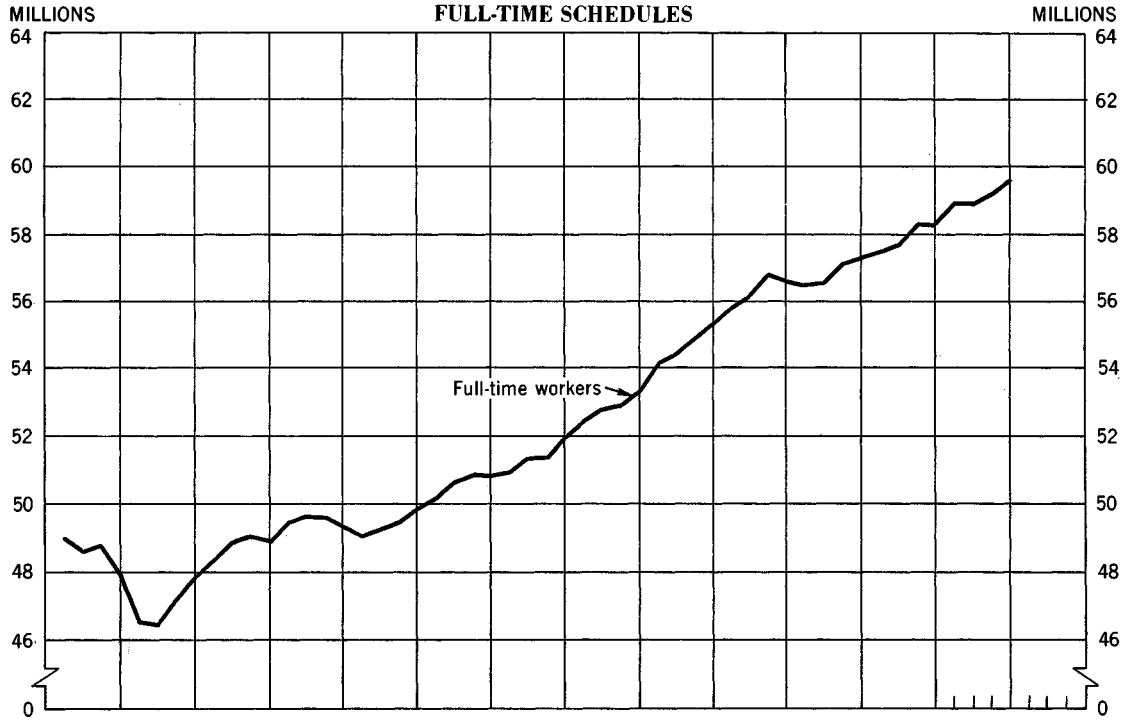
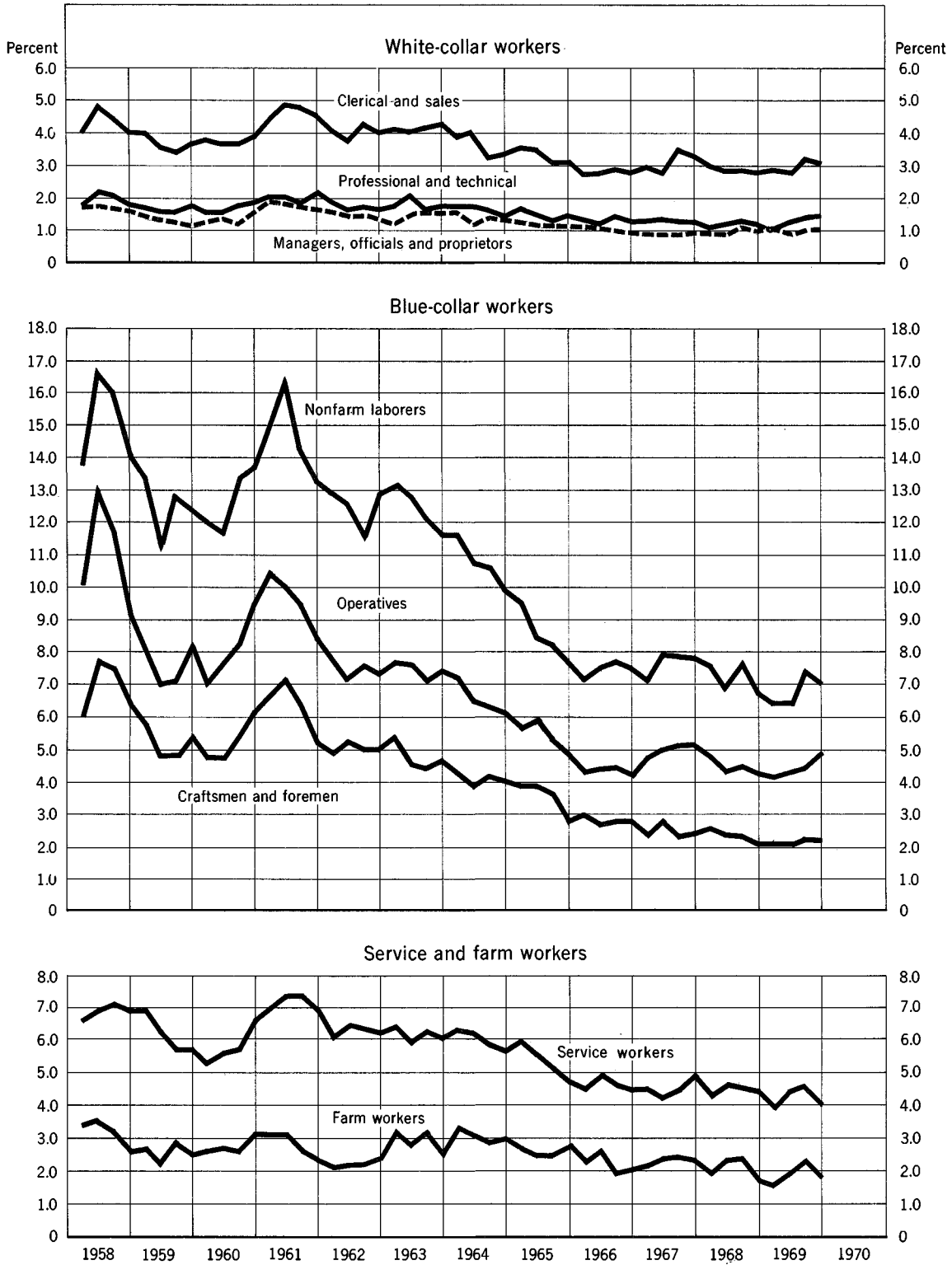


Chart 11.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)



HOUSEHOLD DATA

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¹Quarterly data included in February, May, August, and November issues.

HOUSEHOLD DATA

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	54,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,239	61.1	80,733	77,902	3,606	74,296	2,831	3.5	-	53,602
1968: December.....	136,619	82,618	60.5	79,118	76,700	3,279	73,421	2,419	3.1	3.3	54,001
1969: March.....	137,143	82,770	60.4	79,266	76,520	3,327	73,193	2,746	3.5	3.4	54,373
April.....	137,337	83,137	60.5	79,621	77,079	3,607	73,471	2,542	3.2	3.5	54,200
May.....	137,549	83,085	60.4	75,563	77,264	3,894	73,370	2,299	2.9	3.5	54,464
June.....	137,737	85,880	62.4	82,356	78,956	4,367	74,589	3,400	4.1	3.4	51,857
July.....	137,935	86,318	62.6	82,797	79,616	4,155	75,460	3,182	3.8	3.6	51,617
August.....	138,127	86,046	62.3	82,516	79,646	3,977	75,669	2,869	3.5	3.5	52,081
September.....	138,317	84,527	61.1	80,984	78,026	3,629	74,397	2,958	3.7	4.0	53,790
October.....	138,539	85,038	61.4	81,510	78,671	3,561	75,110	2,839	3.5	3.9	53,501
November.....	138,732	84,920	61.2	81,427	78,716	3,322	75,395	2,710	3.3	3.4	53,812
December.....	138,928	84,856	61.1	81,416	78,788	2,984	75,805	2,628	3.2	3.4	54,072

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	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
MALE											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,854	1,403	2.8	-	12,677
1968: December.....	65,829	52,745	80.1	49,283	48,000	2,758	45,242	1,283	2.6	2.6	13,084
1969: June.....	66,325	55,001	82.9	51,517	49,937	3,442	46,495	1,580	3.1	2.7	11,324
July.....	66,395	55,501	83.6	52,020	50,412	3,322	47,090	1,680	3.1	3.0	10,894
August.....	66,482	55,306	83.2	51,815	50,522	3,223	47,299	1,293	2.5	2.7	11,176
September.....	66,569	53,797	80.8	50,294	48,973	2,988	45,585	1,321	2.6	3.2	12,771
October.....	66,671	53,654	80.5	50,166	48,857	2,891	45,966	1,309	2.6	3.2	13,017
November.....	66,757	53,521	80.2	50,067	48,739	2,722	46,017	1,329	2.7	2.9	13,236
December.....	66,845	53,401	79.9	50,000	48,538	2,511	46,027	1,462	2.9	2.9	13,444
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	30,512	29,084	643	28,441	1,428	4.7	-	40,924
1968: December.....	70,790	29,873	42.2	29,835	28,699	521	28,179	1,136	3.8	4.5	40,917
1969: June.....	71,412	30,879	43.2	30,839	29,019	925	28,094	1,819	5.9	4.7	40,533
July.....	71,540	30,817	43.1	30,778	29,204	834	28,370	1,574	5.1	4.6	40,722
August.....	71,644	30,740	42.9	30,701	29,124	754	28,370	1,577	5.1	4.9	40,905
September.....	71,749	30,730	42.8	30,691	29,053	642	28,412	1,638	5.3	5.3	41,019
October.....	71,868	31,384	43.7	31,345	29,814	670	29,144	1,530	4.9	5.0	40,484
November.....	71,976	31,399	43.6	31,359	29,978	600	29,378	1,381	4.4	4.3	40,577
December.....	72,083	31,455	43.6	31,416	30,250	473	29,777	1,166	3.7	4.4	40,629

HOUSEHOLD DATA

A - 3: Employment status of the noninstitutional population by sex, age, and color
December 1969
(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	53,401	79.9	50,000	48,538	1,462	2.9	13,444	241	4,455	1,413	7,335
16 to 21 years	6,763	61.8	5,343	4,801	543	10.2	4,176	18	3,811	39	307
16 to 19 years	4,016	54.1	3,571	3,160	410	11.5	3,401	15	3,152	23	210
16 and 17 years	1,605	42.0	1,563	1,347	216	13.8	2,214	11	2,100	9	94
18 and 19 years	2,411	67.0	2,007	1,814	194	9.7	1,188	5	1,052	15	116
20 to 64 years	47,294	92.0	44,338	43,337	1,002	2.3	4,088	55	1,303	865	1,866
20 to 24 years	7,038	84.5	5,257	4,981	275	5.2	1,286	6	1,056	32	193
25 to 54 years	33,144	96.0	31,973	31,414	559	1.7	1,380	22	244	454	659
25 to 29 years	6,361	95.4	5,919	5,786	133	2.2	306	2	172	35	96
25 to 29 years	5,411	97.4	5,131	5,040	91	1.8	142	1	35	38	68
30 to 34 years	5,289	97.6	5,029	4,940	89	1.8	131	8	14	46	62
35 to 39 years	5,603	96.5	5,492	5,415	78	1.4	201	5	12	75	109
40 to 44 years	5,595	95.9	5,542	5,453	89	1.6	239	2	9	96	132
45 to 49 years	4,885	93.1	4,860	4,781	79	1.6	361	4	2	164	191
55 to 64 years	7,113	83.3	7,109	6,942	168	2.4	1,423	27	2	379	1,014
55 to 59 years	4,217	89.9	4,214	4,100	114	2.7	472	6	1	162	304
60 to 64 years	2,896	75.3	2,895	2,842	53	1.8	950	21	2	217	711
65 years and over	2,091	26.0	2,091	2,041	50	2.4	5,954	171	--	525	5,258
65 to 69 years	1,225	40.2	1,225	1,191	34	2.7	1,824	28	--	168	1,628
70 years and over	866	17.3	866	850	16	1.9	4,130	143	--	356	3,631
White											
16 years and over	47,998	80.2	44,957	43,743	1,214	2.7	11,848	208	3,880	1,177	6,584
16 to 21 years	5,955	62.6	4,689	4,258	431	9.2	3,558	13	3,287	27	232
16 to 19 years	3,548	55.1	3,153	2,828	326	10.3	2,886	11	2,684	14	177
16 and 17 years	1,442	43.6	1,406	1,231	175	12.4	1,868	9	1,775	6	78
18 and 19 years	2,106	67.4	1,747	1,596	151	8.6	1,018	2	909	9	98
20 to 64 years	42,532	92.4	39,886	39,045	842	2.1	3,513	44	1,196	718	1,556
20 to 24 years	6,198	84.5	4,589	4,363	227	4.9	1,133	4	975	23	131
25 to 54 years	29,825	96.4	28,790	28,309	481	1.7	1,119	16	218	369	516
25 to 34 years	10,500	96.6	9,863	9,676	188	1.9	364	1	189	52	122
35 to 44 years	9,798	97.5	9,472	9,327	145	1.5	254	11	20	98	124
45 to 54 years	9,527	95.0	9,455	9,307	148	1.6	501	4	9	218	270
55 to 64 years	6,510	83.8	6,507	6,372	135	2.1	1,261	23	2	327	909
55 to 59 years	3,853	90.5	3,850	3,759	92	2.4	407	5	1	139	262
60 to 64 years	2,657	75.7	2,656	2,613	43	1.6	854	18	2	188	647
65 years and over	1,918	26.0	1,918	1,871	46	2.4	5,448	153	--	444	4,851
Negro and other races											
16 years and over	5,403	77.2	5,043	4,794	248	4.9	1,596	33	575	236	751
16 to 21 years	808	56.7	654	543	111	17.0	617	6	525	13	74
16 to 19 years	468	47.6	417	332	85	20.3	515	4	468	9	34
16 and 17 years	163	32.1	157	115	41	26.4	345	2	324	3	16
18 and 19 years	305	64.3	260	217	43	16.7	169	2	144	6	18
20 to 64 years	4,762	89.2	4,453	4,293	160	3.6	575	11	107	146	310
20 to 24 years	840	84.6	667	618	49	7.3	153	2	81	9	62
25 to 54 years	3,319	92.7	3,182	3,105	78	2.5	260	6	26	85	143
25 to 34 years	1,272	93.8	1,186	1,150	36	3.1	83	2	19	21	42
35 to 44 years	1,095	93.4	1,049	1,028	21	2.0	78	2	6	23	47
45 to 54 years	952	90.6	947	927	21	2.2	99	2	2	42	53
55 to 64 years	603	78.8	603	569	33	5.5	162	4	--	53	106
55 to 59 years	364	84.7	364	341	23	6.2	66	1	--	23	41
60 to 64 years	239	71.2	239	228	11	4.4	97	3	--	29	64
65 years and over	173	25.5	173	169	4	2.1	506	18	--	81	407

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
 December 1969
 (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	31,455	43.6	31,416	30,250	1,166	3.7	40,629	34,435	4,090	802	1,302
16 to 21 years	5,187	48.3	5,167	4,759	408	7.9	5,555	1,634	3,752	11	158
16 to 19 years	3,196	44.0	3,187	2,861	325	10.2	4,067	730	3,211	3	123
16 and 17 years	1,313	35.2	1,313	1,145	168	12.8	2,420	193	2,178	1	48
18 and 19 years	1,883	53.3	1,873	1,716	157	8.4	1,647	538	1,033	2	74
20 to 64 years	27,207	50.3	27,178	26,361	817	3.0	26,832	25,141	875	274	543
20 to 24 years	4,763	57.5	4,745	4,524	221	4.7	3,522	2,714	702	21	85
25 to 54 years	18,359	50.7	18,348	17,822	526	2.9	17,840	17,237	160	146	298
25 to 29 years	3,082	45.5	3,077	2,942	136	4.4	3,689	3,549	59	22	58
30 to 34 years	2,590	45.2	2,588	2,512	76	2.9	3,138	3,063	30	15	31
35 to 39 years	2,836	50.4	2,834	2,747	88	3.1	2,796	2,715	25	10	46
40 to 44 years	3,261	53.2	3,260	3,190	70	2.1	2,864	2,777	24	17	45
45 to 49 years	3,518	56.1	3,517	3,431	86	2.4	2,747	2,648	13	37	49
50 to 54 years	3,073	54.1	3,073	3,001	72	2.3	2,606	2,484	8	45	69
55 to 64 years	4,084	42.7	4,084	4,015	70	1.7	5,471	5,191	13	108	159
55 to 59 years	2,519	48.9	2,519	2,469	50	2.0	2,636	2,525	10	44	57
60 to 64 years	1,565	35.6	1,565	1,545	20	1.3	2,834	2,666	3	64	103
65 years and over	1,051	9.8	1,051	1,028	23	2.2	9,730	8,564	4	525	636
65 to 69 years	615	16.7	615	600	15	2.5	3,063	2,836	4	64	159
70 years and over	436	6.1	436	429	8	1.8	6,667	5,728	1	461	477
White											
16 years and over	27,473	42.9	27,439	26,498	941	3.4	36,626	31,371	3,463	650	1,143
16 to 21 years	4,595	49.6	4,578	4,261	316	6.9	4,674	1,370	3,175	6	123
16 to 19 years	2,868	45.9	2,859	2,600	260	9.1	3,385	602	2,688	2	94
16 and 17 years	1,205	37.5	1,205	1,065	140	11.6	2,009	159	1,811	1	38
18 and 19 years	1,663	54.7	1,654	1,535	119	7.2	1,377	443	877	1	56
20 to 64 years	23,636	49.3	23,610	22,949	660	2.8	24,272	22,829	770	212	459
20 to 24 years	4,134	57.2	4,118	3,957	161	3.9	3,097	2,397	623	10	68
25 to 54 years	15,838	49.5	15,828	15,389	438	2.8	16,160	15,663	136	112	249
25 to 34 years	4,779	43.6	4,773	4,606	168	3.5	6,175	5,994	74	33	74
35 to 44 years	5,241	50.7	5,238	5,105	133	2.5	5,091	4,953	42	16	80
45 to 54 years	5,818	54.3	5,816	5,679	138	2.4	4,893	4,716	20	63	95
55 to 64 years	3,664	42.2	3,664	3,603	61	1.7	5,015	4,769	13	91	142
55 to 59 years	2,256	48.4	2,256	2,210	47	2.1	2,404	2,308	10	37	50
60 to 64 years	1,407	35.0	1,407	1,393	14	1.0	2,610	2,461	3	54	93
65 years and over	970	9.8	970	949	21	2.2	8,969	7,940	5	435	590
Negro and other races											
16 years and over	3,981	49.9	3,977	3,752	224	5.6	4,002	3,064	627	153	159
16 to 21 years	592	40.2	589	498	91	15.5	881	264	577	5	34
16 to 19 years	329	32.5	327	262	65	20.0	682	129	523	1	29
16 and 17 years	108	20.8	108	81	28	25.4	412	34	368	--	10
18 and 19 years	220	44.9	219	181	38	17.3	270	95	155	1	19
20 to 64 years	3,572	58.3	3,569	3,412	157	4.4	2,560	2,312	103	61	84
20 to 24 years	629	59.7	627	567	60	9.6	425	317	79	11	18
25 to 54 years	2,521	60.0	2,520	2,432	88	3.5	1,679	1,573	24	34	49
25 to 34 years	892	57.8	891	848	44	4.9	652	618	15	4	15
35 to 44 years	856	60.1	856	832	24	2.8	568	539	7	11	11
45 to 54 years	773	62.7	773	753	20	2.6	460	416	2	19	23
55 to 64 years	421	48.0	421	412	9	2.1	456	422	--	17	17
55 to 59 years	263	53.1	263	260	3	1.1	232	218	--	7	7
60 to 64 years	158	41.4	158	152	6	3.7	224	205	--	10	10
65 years and over	81	9.7	81	79	2	2.7	761	624	--	91	46

HOUSEHOLD DATA

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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
MALE								
16 years and over	53,401	52,745	79.9	80.1	50,000	49,283	78.8	79.0
16 to 19 years	4,016	3,825	54.1	52.7	3,571	3,402	51.2	49.7
16 and 17 years	1,605	1,517	42.0	40.8	1,563	1,491	41.4	40.4
18 and 19 years	2,411	2,309	67.0	65.1	2,007	1,911	62.8	60.6
20 to 24 years	7,038	6,813	84.5	85.1	5,257	5,037	80.3	80.8
25 to 54 years	33,144	32,973	96.0	96.4	31,973	31,714	95.9	96.2
25 to 34 years	11,772	11,515	96.3	96.8	11,050	10,743	96.1	96.6
35 to 44 years	10,892	11,043	97.0	97.2	10,521	10,649	96.9	97.1
45 to 54 years	10,479	10,415	94.6	95.0	10,402	10,322	94.5	95.0
55 to 64 years	7,113	7,030	83.3	83.7	7,109	7,026	83.3	83.7
55 to 59 years	4,217	4,109	89.9	89.1	4,214	4,105	89.9	89.1
60 to 64 years	2,896	2,921	75.3	77.2	2,895	2,921	75.3	77.2
65 years and over	2,091	2,103	26.0	26.5	2,091	2,103	26.0	26.5
White								
16 years and over	47,998	47,465	80.2	80.4	44,957	44,358	79.1	79.4
16 to 19 years	3,548	3,370	55.1	53.4	3,153	2,984	52.2	50.4
16 and 17 years	1,442	1,353	43.6	42.0	1,406	1,329	42.9	41.5
18 and 19 years	2,106	2,017	67.4	65.4	1,747	1,655	63.2	60.8
20 to 24 years	6,198	6,016	84.5	85.0	4,589	4,408	80.2	80.6
25 to 54 years	29,825	29,694	96.4	96.8	28,790	28,583	96.3	96.6
25 to 34 years	10,500	10,279	96.6	97.1	9,863	9,603	96.4	96.9
35 to 44 years	9,798	9,940	97.5	97.6	9,472	9,590	97.4	97.5
45 to 54 years	9,527	9,476	95.0	95.5	9,455	9,390	95.0	95.5
55 to 64 years	6,510	6,451	83.8	84.4	6,507	6,447	83.8	84.4
55 to 59 years	3,853	3,767	90.5	89.9	3,850	3,764	90.4	89.9
60 to 64 years	2,657	2,684	75.7	77.8	2,656	2,684	75.7	77.8
65 years and over	1,918	1,934	26.0	26.6	1,918	1,934	26.0	26.6
Negro and other races								
16 years and over	5,403	5,280	77.2	77.3	5,043	4,926	76.0	76.1
16 to 19 years	468	455	47.6	47.8	417	418	44.8	45.7
16 and 17 years	163	164	32.1	33.5	157	162	31.2	33.3
18 and 19 years	305	291	64.3	63.0	260	256	60.6	59.9
20 to 24 years	840	798	84.6	85.4	667	629	81.3	82.2
25 to 54 years	3,319	3,279	92.7	93.0	3,182	3,130	92.4	92.7
25 to 34 years	1,272	1,237	93.8	94.7	1,186	1,140	93.4	94.3
35 to 44 years	1,095	1,103	93.4	93.7	1,049	1,059	93.1	93.5
45 to 54 years	952	939	90.6	90.2	947	932	90.5	90.2
55 to 64 years	603	579	78.8	76.7	603	579	78.8	76.7
55 to 59 years	364	342	84.7	81.0	364	342	84.7	81.0
60 to 64 years	239	237	71.2	71.3	239	237	71.2	71.3
65 years and over	173	169	25.5	25.5	173	169	25.5	25.5

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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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
FEMALE								
16 years and over	31,455	29,873	43.6	42.2	31,416	29,835	43.6	42.2
16 to 19 years	3,196	2,821	44.0	39.8	3,187	2,811	43.9	39.7
16 and 17 years	1,313	1,121	35.2	31.0	1,313	1,121	35.2	31.0
18 and 19 years	1,883	1,700	53.3	49.0	1,873	1,691	53.2	48.9
20 to 24 years	4,763	4,414	57.5	55.6	4,745	4,397	57.4	55.5
25 to 54 years	18,359	17,575	50.7	49.0	18,348	17,565	50.7	49.0
25 to 34 years	5,671	5,303	45.4	43.6	5,665	5,297	45.3	43.6
35 to 44 years	6,097	5,987	51.9	50.2	6,094	5,983	51.8	50.2
45 to 54 years	6,591	6,286	55.2	53.3	6,589	6,284	55.2	53.3
55 to 64 years	4,084	3,992	42.7	42.6	4,084	3,991	42.7	42.6
55 to 59 years	2,519	2,458	48.9	48.6	2,519	2,457	48.9	48.6
60 to 64 years	1,565	1,534	35.6	35.6	1,565	1,534	35.6	35.6
65 years and over	1,051	1,071	9.8	10.1	1,051	1,071	9.8	10.1
White								
16 years and over	27,473	26,070	42.9	41.4	27,439	26,036	42.8	41.3
16 to 19 years	2,868	2,522	45.9	41.3	2,859	2,513	45.8	41.2
16 and 17 years	1,205	1,016	37.5	32.6	1,205	1,016	37.5	32.6
18 and 19 years	1,663	1,505	54.7	50.3	1,654	1,497	54.6	50.1
20 to 24 years	4,134	3,830	57.2	55.1	4,118	3,816	57.1	55.0
25 to 54 years	15,838	15,165	49.5	47.8	15,828	15,155	49.5	47.8
25 to 34 years	4,779	4,482	43.6	42.1	4,773	4,476	43.6	42.0
35 to 44 years	5,241	5,114	50.7	48.7	5,238	5,111	50.7	48.7
45 to 54 years	5,818	5,569	54.3	52.6	5,816	5,568	54.3	52.6
55 to 64 years	3,664	3,576	42.2	42.0	3,664	3,576	42.2	42.0
55 to 59 years	2,256	2,188	48.4	47.8	2,256	2,188	48.4	47.8
60 to 64 years	1,407	1,388	35.0	35.3	1,407	1,388	35.0	35.3
65 years and over	970	976	9.8	10.0	970	976	9.8	10.0
Negro and other races								
16 years and over	3,981	3,803	49.9	49.0	3,977	3,799	49.8	49.0
16 to 19 years	329	299	32.5	30.6	327	298	32.4	30.6
16 and 17 years	108	105	20.8	20.9	108	105	20.8	20.9
18 and 19 years	220	195	44.9	40.8	219	194	44.8	40.7
20 to 24 years	629	584	59.7	59.3	627	582	59.6	59.2
25 to 54 years	2,521	2,410	60.0	58.5	2,520	2,409	60.0	58.5
25 to 34 years	892	821	57.8	55.0	891	821	57.8	55.0
35 to 44 years	856	872	60.1	61.3	856	872	60.1	61.3
45 to 54 years	773	716	62.7	59.4	773	716	62.7	59.4
55 to 64 years	421	415	48.0	48.6	421	415	48.0	48.6
55 to 59 years	263	270	53.1	56.2	263	270	53.1	56.2
60 to 64 years	158	145	41.4	38.8	158	145	41.4	38.8
65 years and over	81	95	9.7	11.5	81	95	9.7	11.5

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
December 1969
(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	21,681	10,939	10,742	18,782	9,513	9,269	2,899	1,426	1,473
Total labor force	11,950	6,763	5,187	10,550	5,955	4,595	1,400	808	592
Percent of population	55.1	61.8	48.3	56.2	62.6	49.6	48.3	56.7	40.2
Civilian labor force	10,510	5,343	5,167	9,267	4,689	4,578	1,243	654	589
Employed	9,560	4,801	4,759	8,519	4,258	4,261	1,041	543	498
Agriculture	280	241	39	250	216	34	30	25	5
Nonagricultural industries	9,280	4,560	4,720	8,269	4,042	4,227	1,011	518	493
Unemployed	950	543	408	748	431	316	202	111	91
Percent of labor force	9.0	10.2	7.9	8.1	9.2	6.9	16.3	17.0	15.5
Looking for full-time work	483	274	209	357	204	154	125	70	55
Looking for part-time work	467	269	199	390	228	162	77	41	36
Not in labor force	9,731	4,176	5,555	8,232	3,558	4,674	1,499	617	881
Major activity: going to school									
Civilian labor force	3,923	2,182	1,741	3,606	2,005	1,601	317	177	140
Employed	3,479	1,918	1,561	3,235	1,779	1,456	244	139	105
Agriculture	126	113	13	114	105	9	12	8	4
Nonagricultural industries	3,353	1,805	1,548	3,120	1,674	1,446	233	131	101
Unemployed	444	264	180	371	226	146	73	38	35
Percent of labor force	11.3	12.1	10.4	10.3	11.3	9.1	22.9	21.4	24.9
Looking for full-time work	17	9	8	13	7	7	3	2	2
Looking for part-time work	427	255	172	358	219	139	69	36	33
Not in labor force	7,564	3,811	3,752	6,461	3,287	3,175	1,102	525	577
Major activity: other									
Civilian labor force	6,587	3,161	3,426	5,661	2,685	2,976	926	477	449
Employed	6,081	2,883	3,198	5,285	2,479	2,806	796	404	393
Agriculture	154	128	26	136	111	25	18	17	1
Nonagricultural industries	5,927	2,754	3,172	5,149	2,368	2,780	778	386	392
Unemployed	506	279	227	376	206	171	130	73	57
Percent of labor force	7.7	8.8	6.6	6.6	7.7	5.7	14.0	15.4	12.6
Looking for full-time work	466	265	201	344	197	147	122	69	53
Looking for part-time work	40	13	27	32	9	23	8	5	3
Not in labor force	2,168	365	1,803	1,771	272	1,499	397	93	304

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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
	Total							
Total noninstitutional population	138,928	136,619	59,428	58,567	64,820	63,701	14,680	14,351
Total labor force	84,856	82,618	49,385	48,920	28,258	27,052	7,212	6,646
Percent of population	61.1	60.5	83.1	83.5	43.6	42.5	49.1	46.3
Civilian labor force	81,416	79,118	46,429	45,881	28,229	27,024	6,757	6,214
Employed	78,788	76,700	45,378	45,008	27,389	26,205	6,022	5,486
Agriculture	2,984	3,279	2,324	2,559	446	498	214	222
Nonagricultural industries	75,805	73,421	43,054	42,449	26,943	25,707	5,808	5,265
Unemployed	2,628	2,419	1,052	873	840	818	736	728
Percent of labor force	3.2	3.1	2.3	1.9	3.0	3.0	10.9	11.7
Not in labor force	54,072	54,001	10,042	9,647	36,562	36,649	7,468	7,705
White								
Total noninstitutional population	123,945	122,032	53,412	52,692	57,847	56,919	12,687	12,422
Total labor force	75,471	73,535	44,450	44,095	24,606	23,548	6,415	5,892
Percent of population	60.9	60.3	83.2	83.7	42.5	41.4	50.6	47.4
Civilian labor force	72,396	70,394	41,804	41,374	24,580	23,523	6,013	5,497
Employed	70,241	68,476	40,916	40,656	23,898	22,903	5,427	4,918
Agriculture	2,706	2,969	2,100	2,307	416	459	190	203
Nonagricultural industries	67,536	65,507	38,816	38,349	23,482	22,443	5,238	4,715
Unemployed	2,155	1,917	888	718	681	620	585	580
Percent of labor force	3.0	2.7	2.1	1.7	2.8	2.6	9.7	10.5
Not in labor force	48,474	48,498	8,961	8,597	33,241	33,371	6,272	6,530
Negro and other races								
Total noninstitutional population	14,983	14,587	6,016	5,875	6,973	6,782	1,993	1,929
Total labor force	9,385	9,083	4,935	4,825	3,653	3,504	797	755
Percent of population	62.6	62.3	82.0	82.1	52.4	51.7	40.0	39.1
Civilian labor force	9,020	8,725	4,626	4,507	3,650	3,501	745	717
Employed	8,547	8,223	4,462	4,352	3,491	3,303	594	569
Agriculture	278	310	224	252	30	39	24	19
Nonagricultural industries	8,269	7,913	4,238	4,100	3,461	3,264	570	550
Unemployed	473	501	164	155	159	198	150	148
Percent of labor force	5.2	5.7	3.5	3.4	4.4	5.7	20.2	20.6
Not in labor force	5,598	5,503	1,081	1,050	3,321	3,278	1,196	1,175

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

December 1969
(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	69,204	65,302	1,998	1,904	2.8	12,212	11,488	724	5.9
16 to 21 years	5,886	5,101	302	483	8.2	4,624	4,157	467	10.1
16 to 19 years	2,978	2,460	189	328	11.0	3,780	3,372	408	10.8
16 and 17 years	475	337	46	93	19.5	2,401	2,109	292	12.2
18 and 19 years	2,502	2,123	144	236	9.4	1,379	1,263	116	8.4
20 years and over	66,227	62,842	1,809	1,576	2.4	8,432	8,115	316	3.8
20 to 24 years	8,494	7,843	248	403	4.7	1,508	1,414	94	6.2
25 years and over	57,733	54,999	1,560	1,174	2.0	6,923	6,701	222	3.2
25 to 54 years	45,776	43,710	1,128	939	2.1	4,545	4,398	146	3.2
55 years and over	11,957	11,289	432	235	2.0	2,378	2,303	75	3.2
MALE									
16 years and over	45,769	43,534	1,107	1,128	2.5	4,231	3,897	334	7.9
16 to 21 years	2,911	2,483	154	274	9.4	2,432	2,164	269	11.0
16 to 19 years	1,530	1,246	107	178	11.6	2,040	1,808	233	11.4
20 years and over	44,238	42,288	1,000	951	2.1	2,191	2,090	101	4.6
20 to 24 years	4,568	4,224	118	226	4.9	689	639	50	7.2
25 years and over	39,670	38,064	882	725	1.8	1,502	1,451	51	3.5
25 to 54 years	31,472	30,317	611	543	1.7	501	485	16	3.2
55 years and over	8,199	7,746	270	182	2.2	1,002	966	36	3.6
FEMALE									
16 years and over	23,436	21,769	891	776	3.3	7,980	7,590	390	4.9
16 to 21 years	2,975	2,618	147	209	7.0	2,192	1,993	199	9.1
16 to 19 years	1,447	1,214	83	151	10.4	1,739	1,565	175	10.0
20 years and over	21,989	20,555	808	625	2.8	6,241	6,026	215	3.4
20 to 24 years	3,926	3,619	130	177	4.5	819	775	44	5.4
25 years and over	18,063	16,936	678	448	2.5	5,422	5,251	171	5.0
25 to 54 years	14,304	13,392	516	396	2.8	4,044	3,913	131	3.2
55 years and over	3,759	3,543	162	53	1.4	1,378	1,337	40	2.9

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

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A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total, 16 years and over	1,462	1,283	2.9	2.6	1,166	1,136	3.7	3.8
16 to 19 years	410	410	11.5	12.1	325	317	10.2	11.3
16 and 17 years	216	221	13.8	14.8	168	156	12.8	13.9
18 and 19 years	194	189	9.7	9.9	157	161	8.4	9.5
20 years and over	1,052	873	2.3	1.9	840	818	3.0	3.0
20 to 24 years	275	211	5.2	4.2	221	223	4.7	5.1
25 years and over	776	661	1.9	1.6	619	595	2.6	2.6
25 to 34 years	224	198	2.0	1.8	211	196	3.7	3.7
35 to 44 years	166	116	1.6	1.1	158	167	2.6	2.8
45 to 54 years	168	167	1.6	1.6	158	123	2.4	2.0
55 to 64 years	168	121	2.4	1.7	70	80	1.7	2.0
55 to 59 years	114	67	2.7	1.6	50	56	2.0	2.3
60 to 64 years	53	55	1.8	1.9	20	25	1.3	1.6
65 years and over	50	59	2.4	2.8	23	29	2.2	2.7
Household head, 16 years and over	755	638	1.8	1.5	180	174	2.8	2.8
16 to 24 years	104	77	3.4	2.6	24	24	3.9	4.5
25 to 54 years	445	386	1.5	1.3	111	97	3.1	2.8
55 years and over	205	175	2.3	2.0	45	53	2.1	2.5

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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total, 16 years and over	1,462	1,283	2.9	2.6	1,166	1,136	3.7	3.8
Married, spouse present	661	562	1.7	1.5	594	559	3.2	3.2
Widowed, divorced, or separated	125	105	4.8	4.0	195	194	3.4	3.4
Single (never married)	676	616	7.8	7.5	377	383	5.3	5.8
Total, 20 to 64 years of age	1,002	814	2.3	1.9	817	789	3.0	3.0
Married, spouse present	607	502	1.7	1.4	553	513	3.1	3.0
Widowed, divorced, or separated	115	88	5.0	3.8	157	166	3.1	3.4
Single (never married)	280	223	5.3	4.5	108	110	2.6	2.7
White, 16 years and over	1,214	1,051	2.7	2.4	941	866	3.4	3.3
Married, spouse present	582	481	1.6	1.4	517	460	3.1	2.9
Widowed, divorced, or separated	94	81	4.6	3.9	140	141	3.0	3.2
Single (never married)	538	489	7.1	6.8	284	265	4.6	4.5
White, 20 to 64 years of age	842	669	2.1	1.7	660	597	2.8	2.6
Married, spouse present	529	429	1.6	1.3	484	422	3.0	2.8
Widowed, divorced, or separated	85	67	4.7	3.8	106	119	2.7	3.1
Single (never married)	229	172	5.1	4.0	71	55	2.0	1.6
Negro and other races, 16 years and over	248	232	4.9	4.7	224	269	5.6	7.1
Married, spouse present	79	81	2.4	2.4	77	99	3.8	5.4
Widowed, divorced, or separated	31	24	5.7	4.4	55	52	4.9	4.6
Single (never married)	138	127	12.2	12.0	92	118	10.9	14.6
Negro and other races, 20 to 64 years of age	160	145	3.6	3.3	157	192	4.4	5.6
Married, spouse present	78	73	2.4	2.3	69	91	3.5	5.1
Widowed, divorced, or separated	30	21	5.9	4.0	52	47	4.9	4.4
Single (never married)	52	50	7.2	7.7	37	54	6.7	10.0

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total.....	2,628	2,419	3.2	3.1	2.9	2.6	3.7	3.8
White-collar workers.....	661	577	1.7	1.6	1.2	1.1	2.2	2.1
Professional and technical.....	137	79	1.2	.7	1.0	.8	1.4	.5
Managers, officials, and proprietors.....	80	67	1.0	.9	.8	.7	1.8	1.7
Clerical workers.....	341	319	2.4	2.4	2.1	1.8	2.5	2.6
Sales workers.....	104	112	2.0	2.2	1.3	1.4	2.7	3.1
Blue-collar workers.....	1,276	1,065	4.3	3.7	4.0	3.3	6.0	5.5
Craftsmen and foremen.....	253	226	2.4	2.2	2.4	2.1	1.5	4.4
Carpenters and other construction craftsmen.....	119	115	4.1	4.0	4.1	4.0	--	--
All other.....	134	111	1.8	1.5	1.8	1.3	1.5	4.7
Operatives.....	713	585	4.7	4.0	4.0	3.2	6.3	5.5
Drivers and deliverymen.....	94	86	3.5	3.3	3.6	3.4	1.3	--
All other.....	619	499	5.0	4.1	4.1	3.2	6.4	5.6
Nonfarm laborers.....	311	254	8.1	6.9	8.2	6.8	5.4	8.9
Construction laborers.....	102	84	11.7	10.1	11.8	10.1	--	(1)
All other.....	209	170	7.0	6.0	7.1	5.8	5.1	9.3
Service workers.....	329	369	3.3	3.7	3.4	3.2	3.2	4.0
Private household.....	36	59	1.9	3.3	(1)	5.9	1.9	3.3
All other.....	292	309	3.6	3.8	3.4	3.2	3.7	4.3
Farmers and farm laborers.....	69	63	2.6	2.1	1.9	1.7	6.6	4.5
No previous work experience.....	293	345	--	--	--	--	--	--
16 to 19 years.....	226	284	--	--	--	--	--	--
20 to 24 years.....	42	37	--	--	--	--	--	--
25 years and over.....	26	24	--	--	--	--	--	--

¹Percent 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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total.....	100.0	100.0	3.2	3.1	2.9	2.6	3.7	3.8
Private wage and salary workers.....	75.8	73.4	3.3	3.1	3.2	2.7	3.6	3.8
Mining.....	1.0	.7	4.7	3.3	4.7	3.4	(1)	(1)
Construction.....	9.5	9.6	6.7	6.4	6.9	6.6	1.9	2.2
Manufacturing.....	28.9	23.7	3.6	2.7	2.8	1.9	5.4	4.8
Durable goods.....	17.1	12.7	3.6	2.5	3.0	2.1	5.7	4.0
Primary metal industries.....	.8	1.6	1.6	3.1	1.4	2.9	3.4	5.5
Fabricated metal products.....	2.3	1.9	3.5	2.7	2.9	2.3	5.6	4.2
Machinery.....	2.1	1.3	2.4	1.4	2.2	1.3	3.0	2.1
Electrical equipment.....	2.9	1.9	3.6	2.3	2.3	1.4	5.5	3.8
Motor vehicles and equipment.....	1.6	.9	3.5	1.9	3.6	1.6	3.1	4.8
All other transportation equipment.....	2.3	1.3	4.9	2.3	4.5	2.2	7.2	3.2
Other durable goods industries.....	5.1	3.8	4.8	3.3	3.8	2.8	7.8	4.9
Nondurable goods.....	11.9	11.0	3.6	3.1	2.5	1.5	5.2	5.5
Food and kindred products.....	3.1	3.3	4.6	4.6	3.0	2.4	9.0	10.5
Textile mill products.....	1.6	1.5	4.4	3.4	3.8	1.8	5.1	5.3
Apparel and other finished textile products.....	3.3	2.3	6.1	4.0	12.1	.9	4.8	4.7
Other nondurable goods industries.....	3.8	3.9	2.2	2.2	1.3	1.1	4.2	4.4
Transportation and public utilities.....	4.4	2.9	2.4	1.6	2.4	1.7	2.4	1.1
Railroads and railway express.....	.6	.5	2.4	1.9	2.5	2.0	(1)	(1)
Other transportation.....	2.8	1.9	3.5	2.4	3.5	2.5	3.3	1.7
Communication and other public utilities.....	1.0	.5	1.3	.6	.8	.4	2.1	1.0
Wholesale and retail trade.....	16.5	18.3	3.2	3.3	2.9	2.6	3.5	4.3
Finance, insurance, and real estate.....	2.2	2.9	1.7	2.2	1.2	2.3	2.1	2.0
Service industries.....	13.2	15.3	2.9	3.2	3.1	3.1	2.7	3.3
Professional services.....	3.5	4.1	1.6	1.8	1.3	1.3	1.7	2.0
All other service industries.....	9.8	11.2	4.1	4.5	4.6	4.4	3.8	4.6
Agricultural wage and salary workers.....	3.2	3.4	8.3	7.5	5.7	6.4	18.9	12.8
All other classes of workers.....	9.9	8.9	1.3	1.1	1.2	1.0	1.5	1.2
No previous work experience.....	11.1	14.3	--	--	--	--	--	--

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

HOUSEHOLD DATA

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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Unemployment level												
Total unemployed, in thousands	2,628	2,419	1,052	873	840	818	736	728	2,155	1,917	473	501
Lost last job	1,133	914	693	512	303	286	137	116	959	727	174	187
Left last job	378	339	150	129	138	132	90	78	323	269	56	70
Reentered labor force	825	822	188	211	354	360	283	251	640	652	185	170
Never worked before	292	343	20	21	46	40	226	283	234	270	58	74
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	43.1	37.8	65.9	58.7	36.0	34.9	18.7	15.9	44.5	37.9	36.8	37.3
Left last job	14.4	14.0	14.3	14.8	16.4	16.1	12.2	10.7	15.0	14.0	11.8	14.0
Reentered labor force	31.4	34.0	17.9	24.2	42.1	44.0	38.5	34.5	29.7	34.0	39.1	34.0
Never worked before	11.1	14.2	1.9	2.4	5.5	4.9	30.7	38.9	10.9	14.1	12.2	14.7
Unemployment rate												
Total unemployment rate	3.2	3.1	2.3	1.9	3.0	3.0	10.9	11.7	3.0	2.7	5.2	5.7
Job-loser rate ¹	1.4	1.2	1.5	1.1	1.0	1.1	2.0	1.9	1.3	1.1	2.0	2.2
Job-leaver rate ¹ . . . . .	.5	.4	.3	.3	.5	.5	1.3	1.3	.4	.4	.6	.8
Reentrant rate ¹	1.0	1.0	.4	.5	1.3	1.3	4.2	4.0	.9	.9	2.1	2.0
New entrant rate ¹ . . . . .	.4	.4	--	--	.2	.1	3.2	4.5	.3	.4	.6	.8

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

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

December 1969
(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	2,628	100.0	52.2	34.2	13.6	9.3	4.3
Lost last job	1,133	100.0	48.8	38.4	12.8	8.8	4.0
Left last job	378	100.0	49.2	35.2	15.6	9.3	6.3
Reentered labor force	825	100.0	58.1	28.6	13.3	9.1	4.2
Never worked before	292	100.0	53.1	31.8	15.1	12.0	3.1
Male, 20 years and over	1,052	100.0	49.8	36.2	14.0	8.2	5.8
Lost last job	693	100.0	47.4	38.5	14.1	9.2	4.9
Left last job	150	100.0	49.7	37.1	13.2	5.3	7.9
Reentered labor force	188	100.0	58.8	28.9	12.3	5.9	6.4
Never worked before	20	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	840	100.0	51.2	34.2	14.7	9.3	5.4
Lost last job	303	100.0	43.0	44.0	12.9	8.9	4.0
Left last job	138	100.0	37.0	39.9	23.2	15.2	8.0
Reentered labor force	354	100.0	61.9	24.6	13.5	7.9	5.6
Never worked before	46	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	736	100.0	56.9	31.2	11.8	10.7	1.1
Lost last job	137	100.0	67.9	25.5	6.6	6.6	--
Left last job	90	100.0	(1)	(1)	(1)	(1)	(1)
Reentered labor force	283	100.0	53.0	33.6	13.5	12.4	1.1
Never worked before	226	100.0	51.1	34.2	14.7	12.9	1.8

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

HOUSEHOLD DATA

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total.....	2,628	2,419	100.0	100.0	935	812	100.0	100.0
Less than 5 weeks.....	1,373	1,303	52.2	53.9	455	403	48.7	49.7
5 to 14 weeks.....	898	814	34.2	33.7	333	283	35.6	34.9
5 to 10 weeks.....	643	587	24.5	24.3	244	215	26.1	26.5
11 to 14 weeks.....	255	227	9.7	9.4	89	68	9.5	8.4
15 weeks and over.....	357	301	13.6	12.4	147	125	15.7	15.4
15 to 26 weeks.....	244	165	9.3	6.8	98	56	10.5	6.9
27 weeks and over.....	113	137	4.3	5.7	49	69	5.3	8.5
Average (mean) duration.....	8.4	8.6	--	--	9.5	10.7	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status December 1969

Sex, age, color, and marital status	Thousands of persons					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	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total	2,628	1,373	898	244	113	52.2	53.9	13.6	12.5
16 to 21 years.....	950	537	304	95	14	56.5	60.5	11.5	9.2
16 to 19 years.....	736	419	230	79	8	56.9	58.9	11.9	8.7
20 to 24 years.....	496	279	170	29	19	56.1	63.7	9.5	8.1
25 to 44 years.....	759	364	290	68	38	48.0	48.1	14.0	16.2
45 years and over.....	637	311	208	69	49	48.9	46.9	18.4	16.1
Male	1,462	770	503	128	61	52.7	52.3	12.9	12.3
16 to 21 years.....	543	321	167	51	3	59.2	56.7	10.1	8.4
16 to 19 years.....	410	246	122	41	1	60.0	54.9	10.2	8.7
20 to 24 years.....	275	168	86	13	8	61.0	64.2	7.7	6.4
25 to 44 years.....	390	177	162	34	18	45.4	50.0	13.3	13.4
45 years and over.....	386	179	133	39	34	46.4	44.2	19.1	18.6
Female	1,166	602	395	116	52	51.7	55.6	14.5	12.7
16 to 21 years.....	408	216	138	44	10	53.0	65.0	13.3	10.2
16 to 19 years.....	325	173	107	38	7	53.1	64.1	14.0	8.6
20 to 24 years.....	221	111	84	15	11	50.1	63.2	11.8	9.7
25 to 44 years.....	369	187	128	34	19	50.7	46.8	14.4	18.5
45 years and over.....	251	132	75	29	14	52.7	50.8	17.4	12.2
White: Total	2,155	1,139	749	185	82	52.9	54.8	12.4	11.6
Male.....	1,214	636	427	102	50	52.4	52.9	12.5	11.5
Female.....	941	503	322	83	33	53.5	57.1	12.3	11.8
Negro and other races: Total	473	233	149	60	31	49.3	50.4	19.2	15.6
Male.....	248	134	77	26	12	54.0	49.8	15.2	15.8
Female.....	224	99	72	34	19	44.2	51.0	23.7	15.4
Male: Married, wife present	661	330	234	61	36	49.9	48.5	14.7	14.0
Widowed, divorced, or separated.....	125	62	48	12	3	49.5	52.2	12.1	15.8
Single (never married).....	676	378	221	54	23	55.9	55.9	11.3	10.1
Female: Married, husband present	594	317	207	46	24	53.4	55.1	11.7	11.9
Widowed, divorced, or separated.....	195	97	66	21	11	49.6	54.1	16.6	11.1
Single (never married).....	377	188	122	50	17	50.0	57.3	17.7	14.6

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

HOUSEHOLD DATA

A-16: Unemployed persons by duration, occupation, and industry of last job
December 1969

Occupation and industry	Thousands of persons					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	Dec.	Dec.	Dec.	Dec.
						1969	1968	1969	1968
OCCUPATION									
White-collar workers.....	661	334	222	68	37	50.6	51.4	15.9	13.9
Professional and managerial.....	217	104	79	23	11	47.9	45.2	15.7	16.4
Clerical workers.....	341	171	113	37	20	50.3	52.8	16.6	13.0
Sales workers.....	104	59	30	8	7	57.2	55.4	14.0	12.9
Blue-collar workers.....	1,276	707	432	98	40	55.4	52.5	10.8	11.9
Craftsmen and foremen.....	253	161	81	8	3	63.6	49.2	4.5	9.9
Operatives.....	713	380	243	66	23	53.4	53.6	12.5	12.2
Nonfarm laborers.....	311	166	108	24	14	53.2	52.8	12.0	13.0
Service workers.....	329	146	129	29	25	44.4	50.8	16.3	12.0
INDUSTRY ¹									
Agriculture.....	83	35	31	14	3	(2)	(2)	(2)	(2)
Construction.....	257	149	89	10	10	57.9	52.9	7.6	9.0
Manufacturing.....	763	406	267	59	32	53.2	52.0	11.9	13.4
Durable goods.....	452	219	172	36	24	48.4	50.5	13.4	15.6
Nondurable goods.....	312	187	94	22	8	60.0	53.8	9.7	10.8
Transportation and public utilities.....	128	75	34	15	4	58.6	(2)	14.7	(2)
Wholesale and retail trade.....	438	230	162	38	8	52.5	52.1	10.5	10.7
Finance and service industries.....	503	239	170	60	33	47.5	50.5	18.5	13.9
Public administration.....	86	40	31	8	6	(2)	(2)	(2)	(2)
No previous work experience.....	293	155	93	35	9	53.0	64.6	15.2	12.7

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	
	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.
	1969	1968	1969	1968	1969	1968
All industries	78,788	76,700	48,538	48,000	30,250	28,699
16 to 19 years.....	6,022	5,486	3,160	2,992	2,861	2,494
16 and 17 years.....	2,492	2,235	1,347	1,270	1,145	965
18 and 19 years.....	3,530	3,251	1,814	1,722	1,716	1,530
20 to 24 years.....	9,506	9,000	4,981	4,826	4,524	4,174
25 to 54 years.....	49,236	48,312	31,414	31,233	17,822	17,078
25 to 34 years.....	16,279	15,646	10,826	10,545	5,454	5,101
35 to 44 years.....	16,291	16,349	10,355	10,533	5,937	5,816
45 to 54 years.....	16,665	16,317	10,234	10,156	6,432	6,161
55 to 64 years.....	10,956	10,816	6,942	6,905	4,015	3,911
55 to 59 years.....	6,569	6,440	4,100	4,039	2,469	2,402
60 to 64 years.....	4,387	4,376	2,842	2,866	1,545	1,509
65 years and over.....	3,069	3,086	2,041	2,044	1,028	1,042
Nonagricultural industries	75,805	73,421	46,027	45,242	29,777	28,179
16 to 19 years.....	5,808	5,265	2,974	2,793	2,834	2,472
16 and 17 years.....	2,367	2,120	1,240	1,172	1,127	947
18 and 19 years.....	3,441	3,145	1,733	1,621	1,708	1,524
20 to 24 years.....	9,340	8,811	4,840	4,677	4,500	4,134
25 to 54 years.....	47,650	46,535	30,145	29,792	17,506	16,744
25 to 34 years.....	15,868	15,176	10,496	10,158	5,371	5,018
35 to 44 years.....	15,755	15,744	9,929	10,045	5,825	5,699
45 to 54 years.....	16,028	15,615	9,719	9,589	6,309	6,026
55 to 64 years.....	10,330	10,145	6,395	6,324	3,935	3,822
55 to 59 years.....	6,243	6,082	3,818	3,735	2,424	2,347
60 to 64 years.....	4,087	4,064	2,576	2,589	1,511	1,475
65 years and over.....	2,676	2,665	1,674	1,657	1,002	1,007
Agriculture	2,984	3,279	2,511	2,758	473	521
16 to 19 years.....	214	222	187	199	27	22
16 and 17 years.....	126	115	107	98	19	17
18 and 19 years.....	88	106	80	101	8	5
20 to 24 years.....	165	190	141	150	24	40
25 to 54 years.....	1,586	1,777	1,270	1,442	316	335
25 to 34 years.....	412	470	329	387	82	83
35 to 44 years.....	537	605	425	488	111	117
45 to 54 years.....	637	702	515	567	122	135
55 to 64 years.....	626	671	547	582	79	89
55 to 59 years.....	326	358	281	304	45	54
60 to 64 years.....	300	312	265	278	34	35
65 years and over.....	393	421	366	386	26	34

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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	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total	78,788	76,700	45,378	45,008	27,389	26,205	3,160	2,992	2,861	2,494
White-collar workers	38,323	36,589	19,331	18,752	16,623	15,794	696	631	1,673	1,411
Professional and technical	11,271	10,770	6,846	6,561	4,256	4,061	91	85	77	64
Medical and other health	1,734	1,656	641	635	1,064	1,004	4	2	25	15
Teachers, except college.....	2,561	2,531	813	778	1,738	1,750	5	--	6	4
Other professional and technical	6,976	6,583	5,393	5,148	1,455	1,307	82	83	46	45
Managers, officials, and proprietors	8,115	7,790	6,840	6,501	1,233	1,252	36	20	7	16
Salaried workers	5,867	5,535	4,991	4,687	835	818	37	14	4	14
Self-employed workers in retail trade.....	1,070	1,080	820	810	248	268	--	1	1	--
Self-employed workers, except retail trade	1,178	1,176	1,028	1,004	150	166	--	5	1	2
Clerical workers	13,795	13,018	3,156	3,139	9,164	8,589	305	293	1,169	997
Stenographers, typists, and secretaries...	3,534	3,332	43	45	3,184	3,007	2	5	305	275
Other clerical workers	10,261	9,686	3,113	3,094	5,980	5,582	303	288	865	722
Sales workers.....	5,143	5,010	2,490	2,551	1,970	1,893	263	233	420	333
Retail trade.....	3,264	3,115	910	949	1,737	1,648	217	200	400	318
Other sales workers	1,879	1,895	1,580	1,602	233	244	47	33	20	16
Blue-collar workers	28,081	27,730	21,177	21,114	4,826	4,614	1,788	1,711	290	291
Craftsmen and foremen	10,240	10,172	9,629	9,632	342	308	258	223	10	8
Carpenters	853	888	839	860	2	2	12	25	--	--
Construction craftsmen, except carpenters	1,919	1,884	1,849	1,842	19	11	51	31	--	--
Mechanics and repairmen	2,768	2,651	2,622	2,536	24	21	117	94	3	--
Metal craftsmen, except mechanics	1,237	1,274	1,199	1,240	11	17	25	16	--	--
Other craftsmen and kindred workers	2,010	1,966	1,775	1,746	182	162	48	51	5	7
Foremen, not elsewhere classified	1,454	1,510	1,346	1,408	103	95	4	5	1	2
Operatives	14,311	14,142	8,885	8,893	4,363	4,177	812	812	250	259
Drivers and deliverymen	2,578	2,552	2,315	2,337	107	96	150	111	8	7
Other operatives	11,733	11,590	6,571	6,555	4,257	4,081	662	700	243	253
Durable goods manufacturing	4,844	4,672	3,237	3,153	1,394	1,269	148	179	65	71
Nondurable goods manufacturing	3,877	3,907	1,572	1,612	2,073	2,050	114	129	119	115
Other industries	3,012	3,011	1,762	1,790	790	762	400	392	59	67
Nonfarm laborers	3,530	3,417	2,663	2,589	120	129	718	676	30	23
Construction	767	747	674	659	2	5	92	83	--	--
Manufacturing	1,026	1,061	838	832	65	81	112	144	11	4
Other industries	1,736	1,609	1,151	1,098	53	43	513	448	19	19
Service workers	9,753	9,476	2,777	2,850	5,587	5,376	511	477	879	773
Private household workers	1,844	1,718	33	27	1,420	1,386	18	7	373	298
Service workers, except private household ..	7,909	7,758	2,743	2,822	4,167	3,990	493	470	506	475
Protective service workers	940	902	884	843	46	45	8	7	2	7
Waiters, cooks, and bartenders	2,171	2,073	413	442	1,363	1,301	138	118	257	212
Other service workers	4,798	4,783	1,446	1,538	2,759	2,644	348	345	246	256
Farm workers	2,631	2,905	2,093	2,292	353	420	166	173	20	20
Farmers and farm managers	1,656	1,780	1,588	1,697	63	70	4	12	1	--
Farm laborers and foremen	975	1,125	504	595	291	350	162	161	18	20
Paid workers	643	738	478	548	72	94	85	89	8	7
Unpaid family workers	332	387	26	47	219	257	76	72	10	12

HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total						
Total employed (thousands)	78,788	76,700	48,538	48,000	30,250	28,699
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.6	47.7	41.3	40.4	60.5	59.9
Professional and technical	14.3	14.0	14.3	13.8	14.3	14.4
Managers, officials, and proprietors	10.3	10.2	14.2	13.6	4.1	4.4
Clerical workers	17.5	17.0	7.1	7.1	34.2	33.4
Sales workers	6.5	6.5	5.7	5.8	7.9	7.8
Blue-collar workers	35.6	36.2	47.3	47.6	16.9	17.1
Craftsmen and foremen	13.0	13.3	20.4	20.5	1.2	1.1
Operatives	18.2	18.4	20.0	20.2	15.3	15.5
Nonfarm laborers	4.5	4.5	7.0	6.8	.5	.5
Service workers	12.4	12.4	6.8	6.9	21.4	21.4
Private household workers	2.3	2.2	.1	.1	5.9	5.9
Other service workers	10.0	10.1	6.7	6.9	15.4	15.6
Farm workers	3.3	3.8	4.7	5.1	1.2	1.5
Farmers and farm managers	2.1	2.3	3.3	3.6	.2	.2
Farm laborers and foremen	1.2	1.5	1.4	1.6	1.0	1.3
White						
Total employed (thousands)	70,241	68,476	43,743	43,307	26,498	25,169
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.3	50.4	43.6	42.6	64.0	63.8
Professional and technical	15.0	14.8	15.1	14.6	14.9	15.1
Managers, officials, and proprietors	11.2	11.1	15.3	14.7	4.5	4.8
Clerical workers	18.0	17.5	7.1	7.1	36.1	35.4
Sales workers	7.0	7.0	6.1	6.2	8.6	8.4
Blue-collar workers	34.7	35.3	45.8	46.2	16.4	16.6
Craftsmen and foremen	13.5	13.8	20.9	21.2	1.2	1.1
Operatives	17.4	17.8	19.1	19.4	14.7	15.0
Nonfarm laborers	3.8	3.7	5.8	5.6	.4	.5
Service workers	10.7	10.5	6.0	6.1	18.3	18.0
Private household workers	1.6	1.4	.1	(1)	4.0	3.7
Other service workers	9.1	9.1	5.9	6.0	14.3	14.3
Farm workers	3.4	3.8	4.7	5.1	1.3	1.6
Farmers and farm managers	2.3	2.5	3.5	3.8	.2	.3
Farm laborers and foremen	1.1	1.3	1.2	1.3	1.1	1.3
Negro and other races						
Total employed (thousands)	8,547	8,223	4,794	4,693	3,752	3,530
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	27.0	25.4	20.4	19.8	35.6	32.9
Professional and technical	8.5	8.0	6.9	7.0	10.6	9.3
Managers, officials, and proprietors	3.0	2.4	4.3	3.0	1.4	1.5
Clerical workers	13.2	12.8	7.5	7.9	20.6	19.3
Sales workers	2.3	2.3	1.8	1.9	3.0	2.9
Blue-collar workers	43.5	43.2	61.3	60.3	20.9	20.4
Craftsmen and foremen	9.0	8.4	15.2	14.0	1.0	.9
Operatives	24.2	24.0	28.4	28.1	18.9	18.6
Nonfarm laborers	10.4	10.8	17.7	18.3	1.0	.9
Service workers	26.5	28.0	13.8	14.8	42.8	45.6
Private household workers	8.7	9.3	.4	.3	19.3	21.2
Other service workers	17.8	18.7	13.4	14.5	23.5	24.4
Farm workers	2.9	3.4	4.6	5.1	.8	1.1
Farmers and farm managers .....	.9	.9	1.5	1.4	.1	.1
Farm laborers and foremen	2.0	2.5	3.0	3.7	.7	1.0

¹ Less than 0.05.

HOUSEHOLD DATA

A-20: Employed persons by class of worker, sex, and age
December 1969
(In thousands)

Age and sex	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total	70,117	1,986	12,517	55,614	5,199	489	919	1,716	348
16 to 19 years.....	5,708	426	485	4,798	59	40	121	8	85
16 and 17 years.....	2,309	348	162	1,799	34	23	63	1	62
18 and 19 years.....	3,399	78	323	2,998	26	17	58	6	24
20 to 24 years.....	9,149	109	1,551	7,488	174	17	100	49	16
25 to 34 years.....	15,057	194	2,637	12,226	746	64	166	198	48
35 to 44 years.....	14,514	248	2,729	11,536	1,124	117	172	296	69
45 to 54 years.....	14,434	359	2,954	11,121	1,457	138	162	403	72
55 to 64 years.....	9,159	419	1,829	6,910	1,079	92	140	437	50
55 to 59 years.....	5,553	223	1,116	4,215	630	59	83	213	30
60 to 64 years.....	3,605	196	714	2,695	449	33	56	223	20
65 years and over.....	2,096	230	331	1,536	559	20	59	326	7
Male	42,059	165	6,805	35,089	3,913	55	764	1,645	102
16 to 19 years.....	2,902	49	208	2,646	41	30	106	6	75
16 and 17 years.....	1,194	40	89	1,065	29	17	52	1	54
18 and 19 years.....	1,708	9	118	1,581	12	13	54	5	21
20 to 24 years.....	4,758	5	632	4,121	78	5	84	46	11
25 to 34 years.....	9,935	17	1,507	8,411	557	4	136	191	2
35 to 44 years.....	9,044	6	1,582	7,456	881	4	127	293	5
45 to 54 years.....	8,589	25	1,662	6,902	1,127	4	130	381	5
55 to 64 years.....	5,563	36	1,015	4,512	829	3	126	420	1
55 to 59 years.....	3,356	16	626	2,714	463	--	76	205	1
60 to 64 years.....	2,208	20	389	1,798	366	3	51	215	--
65 years and over.....	1,268	28	201	1,040	400	6	55	309	2
Female	28,058	1,821	5,712	20,526	1,286	434	155	72	246
16 to 19 years.....	2,806	377	277	2,152	18	10	15	2	10
16 and 17 years.....	1,115	308	73	734	5	6	11	--	8
18 and 19 years.....	1,691	69	205	1,417	13	4	4	2	3
20 to 24 years.....	4,392	105	920	3,367	96	12	16	3	5
25 to 34 years.....	5,122	178	1,130	3,815	189	60	30	7	45
35 to 44 years.....	5,470	242	1,148	4,080	243	113	45	3	63
45 to 54 years.....	5,845	335	1,292	4,218	330	134	32	22	68
45 to 54 years.....	3,595	383	814	2,398	251	89	13	17	49
55 to 64 years.....	2,198	207	490	1,501	167	59	8	8	29
55 to 59 years.....	1,397	176	324	897	83	30	5	9	20
60 to 64 years.....	828	202	130	496	159	15	4	18	5

HOUSEHOLD DATA

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					
	Dec. 1969	Dec. 1968	Total		Wage and salary workers ¹			
			Dec. 1969	Dec. 1968	Paid absence ²		Unpaid absence ²	
					Dec. 1969	Dec. 1968	Dec. 1969	Dec. 1968
Total	2,781	2,881	2,632	2,726	984	1,087	1,314	1,308
Vacation	666	707	650	689	510	558	89	74
Illness	1,213	1,485	1,178	1,429	388	460	672	813
Bad weather	142	103	98	69	--	--	--	--
Industrial dispute	132	80	132	80	--	--	--	--
All other reasons	628	505	574	460	86	69	553	421
Male	1,797	1,862	1,655	1,723	684	781	743	729
Vacation	469	547	453	530	375	448	41	43
Illness	718	898	686	846	249	283	360	466
All other reasons	610	417	516	347	60	50	342	220
Female	985	1,019	976	1,003	300	306	571	578
Vacation	197	160	197	159	135	110	47	30
Illness	495	587	492	583	139	177	313	347
All other reasons	293	272	287	261	26	19	211	201

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

December 1969

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	76,007	73,173	2,834	100.0	100.0	100.0
1-34 hours	16,740	15,785	957	22.0	21.6	33.8
1-4 hours	714	669	45	.9	.9	1.6
5-14 hours	3,781	3,524	258	5.0	4.8	9.1
15-29 hours	8,146	7,635	512	10.7	10.4	18.1
30-34 hours	4,099	3,957	142	5.4	5.4	5.0
35 hours and over	59,266	57,389	1,877	78.0	78.4	66.2
35-39 hours	5,089	4,935	154	6.7	6.7	5.4
40 hours	31,365	31,039	326	41.3	42.4	11.5
41 hours and over	22,812	21,415	1,397	30.0	29.3	49.3
41 to 48 hours	9,557	9,273	284	12.6	12.7	10.0
49 to 59 hours	7,273	6,900	374	9.6	9.4	13.2
60 hours and over	5,982	5,242	739	7.9	7.2	26.1
Average hours, total at work	39.6	39.4	43.2	--	--	--
Average hours, workers on full-time schedules	43.9	43.6	52.6	--	--	--

HOUSEHOLD DATA

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

December 1969

(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.....	16,740	4,946	11,794	15,785	4,569	11,214
Economic reasons.....	1,998	1,177	821	1,719	986	733
Slack work.....	1,148	878	270	902	693	209
Material shortages or repairs to plant and equipment.....	89	89	--	87	87	--
New job started during week.....	140	140	--	136	136	--
Job terminated during week.....	71	71	--	71	71	--
Could find only part-time work.....	551	--	551	524	--	524
Other reasons.....	14,742	3,769	10,973	14,065	3,584	10,481
Does not want, or unavailable for, full-time work.....	8,927	--	8,927	8,585	--	8,585
Vacation.....	409	409	--	407	407	--
Illness.....	1,897	1,656	241	1,817	1,618	199
Bad weather.....	555	555	--	449	449	--
Industrial dispute.....	13	13	--	13	13	--
Legal or religious holiday.....	88	88	--	87	87	--
Full time for this job.....	1,348	--	1,348	1,308	--	1,308
All other reasons.....	1,506	1,048	458	1,399	1,009	390
Average hours:						
Economic reasons.....	20.8	23.0	17.7	21.0	23.5	17.6
Other reasons.....	19.9	25.9	17.9	20.0	26.1	17.9
Worked 30 to 34 hours:						
Economic reasons.....	528	410	118	476	372	104
Other reasons.....	3,571	1,916	1,655	3,481	1,860	1,621

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

December 1969

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	2.3	14.3	83.4	54.1	12.7	16.6	39.4	43.6
Wage and salary workers ...	100.0	2.2	14.1	83.6	56.2	12.8	14.6	38.9	42.9
Construction ...	100.0	4.5	4.3	91.1	68.2	11.2	11.7	38.8	40.7
Manufacturing	100.0	2.2	3.4	94.5	65.4	15.5	13.6	41.2	42.3
Durable goods	100.0	1.3	2.3	96.4	66.1	15.9	14.4	41.8	42.6
Nondurable goods.....	100.0	3.6	4.9	91.7	64.3	15.0	12.4	40.2	42.0
Transportation and public utilities.....	100.0	1.6	6.8	91.5	62.5	13.1	15.9	41.2	43.2
Wholesale and retail trade	100.0	2.2	25.8	72.0	39.9	14.4	17.7	37.7	44.9
Finance, insurance, and real estate	100.0	1.0	9.8	89.2	65.4	10.7	13.1	39.6	42.0
Service industries	100.0	2.5	25.2	72.2	48.9	9.4	13.9	35.8	43.2
Private households	100.0	9.5	54.6	35.8	24.1	5.6	6.1	24.1	42.8
All other service	100.0	1.6	21.6	76.7	51.9	9.9	14.9	37.3	43.2
Public administration	100.0	.5	5.8	93.7	67.9	10.9	14.9	41.1	42.6
Self-employed workers	100.0	4.2	14.6	81.2	26.7	11.7	42.8	45.3	51.8
Unpaid family workers	100.0	3.3	37.4	59.3	26.4	8.6	24.3	38.7	49.9

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

HOUSEHOLD DATA

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

December 1969

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		
TOTAL								
Total, 16 years and over.....	73,173	1,719	10,481	60,973	39,558	21,415	39.4	43.6
16 to 21 years	9,093	277	3,947	4,869	3,836	1,033	29.2	40.7
16 to 19 years	5,709	170	3,203	2,336	1,856	480	25.6	40.3
16 and 17 years	2,324	39	1,982	303	259	44	17.6	38.8
18 and 19 years	3,385	131	1,221	2,033	1,597	436	31.2	40.5
20 years and over.....	67,464	1,549	7,278	58,637	37,702	20,935	40.5	43.7
20 to 24 years	9,109	237	1,338	7,534	5,418	2,116	37.8	41.9
25 years and over.....	58,356	1,313	5,939	51,104	32,286	18,818	41.0	43.9
25 to 44 years.....	30,644	643	2,771	27,230	16,867	10,363	41.5	44.1
45 to 64 years.....	25,242	588	2,235	22,419	14,512	7,907	41.1	43.7
65 years and over.....	2,470	80	933	1,457	908	549	33.2	44.6
Males, 16 years and over								
Males, 16 years and over	44,372	868	3,372	40,132	23,094	17,038	42.4	45.0
16 to 21 years	4,454	132	2,010	2,312	1,637	675	29.7	42.0
16 to 19 years	2,909	86	1,672	1,151	833	318	26.1	41.3
16 and 17 years	1,214	20	1,019	175	144	31	18.7	40.0
18 and 19 years	1,695	67	653	975	688	287	31.4	41.5
20 years and over.....	41,463	782	1,700	38,981	22,261	16,720	43.5	45.1
20 to 24 years	4,723	111	608	4,004	2,520	1,484	39.6	43.5
25 years and over.....	36,739	671	1,092	34,976	19,741	15,235	44.1	45.2
25 to 44 years.....	19,835	342	296	19,197	10,483	8,714	44.9	45.6
45 to 64 years.....	15,371	277	297	14,797	8,666	6,131	43.9	44.8
65 years and over.....	1,533	53	500	980	591	389	34.7	44.7
Females, 16 years and over								
Females, 16 years and over.....	28,801	851	7,109	20,841	16,464	4,377	34.7	40.9
16 to 21 years	4,639	145	1,936	2,558	2,200	358	28.6	39.5
16 to 19 years	2,800	83	1,531	1,186	1,023	163	25.1	39.3
16 and 17 years	1,110	19	963	128	114	14	16.3	37.2
18 and 19 years	1,690	64	568	1,058	909	149	30.9	39.5
20 years and over.....	26,001	768	5,578	19,655	15,441	4,214	35.7	40.9
20 to 24 years	4,386	126	730	3,530	2,898	632	35.9	40.1
25 years and over.....	21,616	641	4,847	16,128	12,546	3,582	35.7	41.1
25 to 44 years.....	10,809	302	2,476	8,031	6,383	1,648	35.2	40.6
45 to 64 years.....	9,870	311	1,939	7,620	5,843	1,777	36.7	41.5
65 years and over.....	937	28	433	476	317	159	30.7	44.4
COLOR								
White.....	65,217	1,309	9,469	54,439	34,559	19,880	39.6	43.8
Male.....	40,011	683	3,114	36,214	20,276	15,938	42.6	45.3
Female.....	25,206	625	6,356	18,225	14,283	3,942	34.7	40.9
Negro and other races	7,956	411	1,012	6,533	4,998	1,535	37.6	41.6
Male.....	4,361	185	259	3,917	2,817	1,100	39.9	42.4
Female.....	3,595	225	754	2,616	2,181	435	34.8	40.4
MARITAL STATUS								
Male:								
Married, wife present.....	34,861	583	959	33,319	18,464	14,855	44.3	45.4
Widowed, divorced, or separated	2,205	71	131	2,003	1,238	765	41.7	44.1
Single (never married)	7,306	213	2,282	4,811	3,392	1,419	33.6	42.4
Female:								
Married, husband present.....	17,015	490	4,188	12,337	9,815	2,522	34.9	40.7
Widowed, divorced, or separated	5,296	217	896	4,183	3,132	1,051	37.1	41.6
Single (never married)	6,490	145	2,025	4,320	3,517	803	32.2	40.6

HOUSEHOLD DATA

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

December 1969

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	2.3	14.3	83.4	54.1	29.3
16 to 21 years.....	100.0	3.0	43.4	53.6	42.2	11.4
16 to 19 years.....	100.0	3.0	56.1	40.9	32.5	8.4
16 and 17 years.....	100.0	1.7	85.3	13.0	11.1	1.9
18 and 19 years.....	100.0	3.9	36.1	60.1	47.2	12.9
20 years and over.....	100.0	2.3	10.8	86.9	55.9	31.0
20 to 24 years.....	100.0	2.6	14.7	82.7	59.5	23.2
25 years and over.....	100.0	2.2	10.2	87.5	55.3	32.2
25 to 44 years.....	100.0	2.1	9.0	88.8	55.0	33.8
45 to 64 years.....	100.0	2.3	8.9	88.8	57.5	31.3
65 years and over.....	100.0	3.2	37.8	59.0	36.8	22.2
Males, 16 years and over.....	100.0	2.0	7.6	90.4	52.0	38.4
16 to 21 years.....	100.0	3.0	45.1	52.0	36.8	15.2
16 and 19 years.....	100.0	3.0	57.5	39.5	28.6	10.9
16 and 17 years.....	100.0	1.6	83.9	14.5	11.9	2.6
18 and 19 years.....	100.0	4.0	38.5	57.5	40.6	16.9
20 years and over.....	100.0	1.9	4.1	94.0	53.7	40.3
20 to 24 years.....	100.0	2.4	12.9	84.8	53.4	31.4
25 years and over.....	100.0	1.8	3.0	95.2	53.7	41.5
25 to 44 years.....	100.0	1.7	1.5	96.8	52.9	43.9
45 to 64 years.....	100.0	1.8	1.9	96.3	56.4	39.9
65 years and over.....	100.0	3.5	32.6	64.0	38.6	25.4
Females, 16 years and over.....	100.0	3.0	24.7	72.4	57.2	15.2
16 to 21 years.....	100.0	3.1	41.7	55.1	47.4	7.7
16 to 19 years.....	100.0	3.0	54.7	42.3	36.5	5.8
16 and 17 years.....	100.0	1.7	86.8	11.6	10.3	1.3
18 and 19 years.....	100.0	3.8	33.6	62.6	53.8	8.8
20 years and over.....	100.0	3.0	21.5	75.6	59.4	16.2
20 to 24 years.....	100.0	2.9	16.6	80.5	66.1	14.4
25 years and over.....	100.0	3.0	22.4	74.6	58.0	16.6
25 to 44 years.....	100.0	2.8	22.9	74.3	59.1	15.2
45 to 64 years.....	100.0	3.2	19.6	77.2	59.2	18.0
65 years and over.....	100.0	3.0	46.2	50.8	33.8	17.0
COLOR						
White.....	100.0	2.0	14.5	83.5	53.0	30.5
Male.....	100.0	1.7	7.8	90.5	50.7	39.8
Female.....	100.0	2.5	25.2	72.3	56.7	15.6
Negro and other races.....	100.0	5.2	12.7	82.1	62.8	19.3
Male.....	100.0	4.2	5.9	89.8	64.6	25.2
Female.....	100.0	6.3	21.0	72.8	60.7	12.1
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.7	2.8	95.6	53.0	42.6
Widowed, divorced, or separated.....	100.0	3.2	5.9	90.8	56.1	34.7
Single (never married).....	100.0	2.9	31.2	65.8	46.4	19.4
Female:						
Married, husband present.....	100.0	2.9	24.6	72.5	57.7	14.8
Widowed, divorced, or separated.....	100.0	4.1	16.9	78.9	59.1	19.8
Single (never married).....	100.0	2.2	31.2	66.6	54.2	12.4

HOUSEHOLD DATA

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

December 1969

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.....	37,202	391	5,370	31,441	19,676	4,399	7,366	40.3	44.3
Professional and technical.....	10,989	89	1,317	9,583	5,843	1,402	2,338	40.8	44.3
Managers, officials, and proprietors.....	7,799	76	308	7,415	2,994	1,159	3,262	48.1	49.6
Clerical workers.....	13,439	130	2,384	10,925	8,807	1,248	870	36.5	40.6
Sales workers.....	4,975	95	1,362	3,518	2,029	591	898	37.2	44.5
Blue-collar workers.....	26,879	982	1,959	23,938	16,025	4,065	3,848	40.1	42.7
Craftsmen and foremen.....	9,809	237	314	9,258	5,927	1,685	1,646	41.7	43.0
Operatives.....	13,679	534	1,016	12,129	8,249	1,956	1,924	40.2	42.7
Nonfarm laborers.....	3,392	210	630	2,552	1,849	425	278	35.1	41.2
Service workers.....	9,422	360	3,209	5,853	3,971	866	1,016	33.5	43.5
Private household.....	1,803	161	1,019	623	427	95	101	23.7	42.5
Other service workers.....	7,619	198	2,189	5,232	3,545	771	916	35.9	43.6
MALE									
White-collar workers.....	19,430	164	1,280	17,986	9,025	2,913	6,048	44.6	46.8
Professional and technical.....	6,770	47	411	6,312	3,607	913	1,792	43.4	45.4
Managers, officials, and proprietors.....	6,610	65	159	6,386	2,407	1,028	2,951	49.0	50.1
Clerical workers.....	3,376	16	360	3,000	1,918	554	528	40.4	43.2
Sales workers.....	2,674	35	350	2,289	1,096	417	776	42.4	46.4
Blue-collar workers.....	22,002	656	1,460	19,886	12,668	3,538	3,680	40.9	43.3
Craftsmen and foremen.....	9,474	234	267	8,973	5,721	1,625	1,267	41.8	43.1
Operatives.....	9,278	227	599	8,452	5,167	1,506	1,779	41.9	44.1
Nonfarm laborers.....	3,250	197	593	2,460	1,778	408	274	35.2	41.2
Service workers.....	3,176	58	647	2,471	1,484	392	595	39.1	45.5
Private household.....	51	2	28	21	13	3	5	24.3	45.0
Other service workers.....	3,125	56	619	2,450	1,472	389	589	39.3	45.5
FEMALE									
White-collar workers.....	17,772	227	4,090	13,455	10,650	1,486	1,319	35.5	40.9
Professional and technical.....	4,219	42	905	3,272	2,237	489	546	36.5	42.1
Managers, officials, and proprietors.....	1,189	11	149	1,029	588	131	310	43.4	47.1
Clerical workers.....	10,063	114	2,024	7,925	6,891	693	341	35.2	39.6
Sales workers.....	2,301	59	1,012	1,230	934	174	122	31.1	41.0
Blue-collar workers.....	4,877	325	500	4,052	3,357	527	168	36.7	39.7
Craftsmen and foremen.....	335	4	47	284	205	60	19	38.6	41.7
Operatives.....	4,401	307	417	3,677	3,081	450	146	36.7	39.6
Nonfarm laborers.....	141	13	37	91	70	17	4	32.7	40.7
Service workers.....	6,246	302	2,562	3,382	2,486	474	422	30.7	42.0
Private household.....	1,753	159	992	602	414	92	96	23.6	42.4
Other service workers.....	4,494	142	1,570	2,782	2,073	382	327	33.5	42.0

HOUSEHOLD DATA

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

December 1969

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	1.1	14.4	84.5	52.9	11.8	19.8
Professional and technical	100.0	.8	12.0	87.3	53.2	12.8	21.3
Managers, officials, and proprietors	100.0	1.0	3.9	95.1	38.4	14.9	41.8
Clerical workers	100.0	1.0	17.7	81.3	65.5	9.3	6.5
Sales workers	100.0	1.9	27.4	70.8	40.8	11.9	18.1
Blue-collar workers	100.0	3.7	7.3	89.0	59.6	15.1	14.3
Craftsmen and foremen	100.0	2.4	3.2	94.4	60.4	17.2	16.8
Operatives	100.0	3.9	7.4	88.7	60.3	14.3	14.1
Nonfarm laborers	100.0	6.2	18.6	75.2	54.5	12.5	8.2
Service workers	100.0	3.8	34.1	62.1	42.1	9.2	10.8
Private household	100.0	8.9	56.5	34.6	23.7	5.3	5.6
Other service workers	100.0	2.6	28.7	68.6	46.5	10.1	12.0
MALE							
White-collar workers	100.0	.8	6.6	92.5	46.4	15.0	31.1
Professional and technical	100.0	.7	6.1	93.3	53.3	13.5	26.5
Managers, officials, and proprietors	100.0	1.0	2.4	96.6	36.4	15.6	44.6
Clerical workers	100.0	.5	10.7	88.8	56.8	16.4	15.6
Sales workers	100.0	1.3	13.1	85.6	41.0	15.6	29.0
Blue-collar workers	100.0	3.0	6.6	90.4	57.6	16.1	16.7
Craftsmen and foremen	100.0	2.5	2.8	94.8	60.4	17.2	17.2
Operatives	100.0	2.4	6.5	91.1	55.7	16.2	19.2
Nonfarm laborers	100.0	6.1	18.2	75.7	54.7	12.6	8.4
Service workers	100.0	1.8	20.4	77.7	46.7	12.3	18.7
Private household	100.0	3.9	54.9	41.2	25.5	5.9	9.8
Other service workers	100.0	1.8	19.8	78.3	47.1	12.4	18.8
FEMALE							
White-collar workers	100.0	1.3	23.0	75.7	59.9	8.4	7.4
Professional and technical	100.0	1.0	21.5	77.5	53.0	11.6	12.9
Managers, officials, and proprietors	100.0	.9	12.5	86.6	49.5	11.0	26.1
Clerical workers	100.0	1.1	20.1	78.8	68.5	6.9	3.4
Sales workers	100.0	2.6	44.0	53.5	40.6	7.6	5.3
Blue-collar workers	100.0	6.7	10.3	83.0	68.8	10.8	3.4
Craftsmen and foremen	100.0	1.2	14.0	84.8	61.2	17.9	5.7
Operatives	100.0	7.0	9.5	83.5	70.0	10.2	3.3
Nonfarm laborers	100.0	9.2	26.2	64.5	49.6	12.1	2.8
Service workers	100.0	4.8	41.0	54.2	39.8	7.6	6.8
Private household	100.0	9.1	56.6	34.3	23.6	5.2	5.5
Other service workers	100.0	3.2	34.9	61.9	46.1	8.5	7.3

HOUSEHOLD DATA

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

December 1969
(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.....	7,909	4,009	3,900	6,798	3,457	3,341	1,111	552	559
Civilian labor force.....	1,229	644	585	1,152	593	559	77	51	26
Employed.....	1,130	576	554	1,069	533	536	61	42	18
Agriculture.....	89	70	19	86	69	17	2	1	2
Nonagricultural industries.....	1,041	506	536	983	464	519	58	41	17
Unemployed.....	99	69	30	83	60	23	16	9	7
Not in labor force.....	6,680	3,364	3,315	5,646	2,863	2,782	1,034	501	533
Keeping house.....	59	16	43	50	15	35	10	1	8
Going to school.....	6,548	3,316	3,231	5,532	2,822	2,710	1,016	495	521
Unable to work.....	6	3	4	5	2	3	1	1	-
All other reasons.....	66	29	38	59	25	34	7	4	4

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

December 1969

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,130	576	554	100.0	100.0	100.0
Nonagricultural industries.....	1,041	506	536	92.1	87.8	96.6
Wage and salary workers.....	946	416	530	83.7	72.2	95.5
Private household workers.....	461	52	409	40.8	9.0	73.7
Government workers.....	41	23	18	3.6	4.0	3.2
Other wage and salary workers.....	444	341	104	39.3	59.2	18.7
Self-employed workers.....	83	82	2	7.3	14.2	.4
Unpaid family workers.....	12	8	4	1.1	1.4	.7
Agriculture.....	89	70	19	7.9	12.2	3.4
Wage and salary workers.....	38	30	8	3.4	5.2	1.4
Self-employed workers.....	4	2	2	.4	.3	.4
Unpaid family workers.....	47	38	9	4.2	6.6	1.6
OCCUPATION						
Total.....	1,130	576	554	100.0	100.0	100.0
White-collar workers.....	273	213	60	24.1	36.9	10.6
Professional and technical.....	13	4	9	1.2	.7	1.6
Managers, officials, and proprietors.....	--	--	--	--	--	--
Clerical workers.....	38	13	25	3.4	2.3	4.5
Sales workers.....	221	195	25	19.6	34.0	4.5
Blue-collar workers.....	179	170	9	15.9	29.4	1.6
Craftsmen and foremen.....	12	12	--	1.1	2.1	--
Operatives.....	40	34	6	3.5	5.9	1.1
Nonfarm laborers.....	127	123	3	11.2	21.4	.5
Service workers.....	595	125	470	52.7	21.8	84.8
Private household workers.....	426	18	408	37.7	3.1	73.6
Other service workers.....	169	107	62	15.0	18.6	11.2
Farm workers.....	83	68	16	7.4	11.8	2.9
Farmers and farm managers.....	3	2	2	.3	.3	.4
Farm laborers and foremen.....	80	66	14	7.1	11.5	2.5

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	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
Total													
Total labor force	85,029	84,788	85,014	84,902	84,584	84,277	83,957	83,593	83,966	83,999	83,831	83,351	82,868
Civilian labor force	81,589	81,295	81,486	81,359	81,054	80,756	80,433	80,071	80,450	80,495	80,356	79,874	79,368
Employed	78,779	78,497	78,325	78,127	78,187	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765
Agriculture	3,505	3,429	3,332	3,458	3,634	3,551	3,705	3,805	3,664	3,732	3,881	3,752	3,842
Nonagricultural industries	75,274	75,068	74,993	74,669	74,553	74,323	73,966	73,460	73,941	74,035	73,848	73,477	72,923
On part time for economic reasons	1,841	1,827	1,931	1,982	2,001	1,795	1,874	1,688	1,670	1,801	1,638	1,605	1,673
Usually work full time	1,029	981	1,012	1,091	1,065	881	1,030	862	858	979	870	805	872
Usually work part time	812	846	919	891	936	914	844	826	812	822	768	800	801
Unemployed	2,810	2,798	3,161	3,232	2,867	2,882	2,762	2,806	2,845	2,728	2,627	2,645	2,603
Men, 20 years and over													
Total labor force	49,574	49,502	49,595	49,624	49,552	49,389	49,304	49,267	49,286	49,378	49,336	49,189	49,132
Civilian labor force	46,618	46,489	46,552	46,568	46,507	46,322	46,206	46,171	46,195	46,297	46,280	46,131	46,093
Employed	45,607	45,487	45,424	45,442	45,551	45,293	45,260	45,227	45,285	45,422	45,422	45,231	45,254
Agriculture	2,510	2,479	2,531	2,570	2,693	2,646	2,676	2,731	2,681	2,706	2,732	2,680	2,763
Nonagricultural industries	43,097	43,008	42,893	42,872	42,858	42,647	42,584	42,496	42,604	42,716	42,690	42,551	42,491
Unemployed	1,011	1,002	1,128	1,126	956	1,029	946	944	910	875	858	900	839
Women, 20 years and over													
Civilian labor force	27,892	27,660	27,817	27,686	27,677	27,511	27,262	27,049	27,205	27,189	27,230	26,950	26,737
Employed	26,932	26,695	26,711	26,519	26,622	26,505	26,251	26,046	26,169	26,228	26,264	25,999	25,802
Agriculture	646	562	514	511	578	540	617	627	609	638	731	691	722
Nonagricultural industries	26,286	26,133	26,197	26,008	26,044	25,965	25,634	25,419	25,560	25,590	25,533	25,308	25,080
Unemployed	960	965	1,106	1,167	1,055	1,006	1,011	1,003	1,036	961	966	951	935
Both sexes, 16-19 years													
Civilian labor force	7,079	7,146	7,117	7,105	6,870	6,923	6,965	6,851	7,050	7,009	6,846	6,793	6,538
Employed	6,240	6,315	6,190	6,166	6,014	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709
Agriculture	349	388	287	377	363	365	412	447	374	388	418	381	357
Nonagricultural industries	5,891	5,927	5,903	5,789	5,651	5,711	5,748	5,545	5,777	5,729	5,625	5,618	5,352
Unemployed	839	831	927	939	856	847	805	859	899	892	803	794	829

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 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	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
Full time													
Total, 16 years and over:													
Civilian labor force	70,449	70,161	70,153	70,271	70,108	69,818	69,434	69,177	69,389	69,332	69,427	67,918	68,809
Employed	68,270	68,022	67,896	67,914	67,948	67,653	67,269	67,042	67,167	67,287	67,390	65,860	66,902
Unemployed	2,179	2,139	2,257	2,357	2,160	2,165	2,165	2,136	2,222	2,045	2,037	2,058	1,907
Unemployment rate	3.1	3.0	3.2	3.4	3.1	3.1	3.1	3.1	3.2	2.9	2.9	3.0	2.8
Men, 20 years and over:													
Civilian labor force	44,545	44,367	44,415	44,470	44,306	44,201	44,129	44,090	44,093	44,166	44,218	43,177	44,064
Employed	43,622	43,452	43,426	43,481	43,472	43,303	43,255	43,246	43,251	43,376	43,465	42,367	43,319
Unemployed	923	915	989	989	834	898	874	844	842	790	753	810	745
Unemployment rate	2.1	2.1	2.2	2.2	1.9	2.0	2.0	1.9	1.9	1.8	1.7	1.9	1.7
Women, 20 years and over:													
Civilian labor force	21,970	21,954	21,911	21,852	21,992	21,781	21,558	21,489	21,562	21,527	21,523	21,139	21,201
Employed	21,252	21,197	21,104	20,992	21,125	20,984	20,722	20,681	20,710	20,726	20,735	20,423	20,460
Unemployed	718	757	807	860	867	797	836	808	852	801	788	716	741
Unemployment rate	3.3	3.4	3.7	3.9	3.9	3.7	3.9	3.8	4.0	3.7	3.7	3.4	3.5
Part time													
Total, 16 years and over:													
Civilian labor force	11,338	11,206	11,285	11,066	10,978	10,885	10,914	10,764	10,984	10,994	10,815	11,075	10,681
Employed	10,623	10,517	10,507	10,296	10,236	10,185	10,342	10,078	10,323	10,322	10,187	10,403	9,953
Unemployed	715	689	778	770	742	700	572	686	661	672	628	672	728
Unemployment rate	6.3	6.1	6.9	7.0	6.8	6.4	5.2	6.4	6.0	6.1	5.8	6.1	6.8

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	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
White													
Total:													
Civilian labor force	72,669	72,368	72,368	72,288	71,837	71,657	71,437	71,137	71,589	71,688	71,475	71,101	70,669
Employed	70,337	70,108	69,848	69,690	69,548	69,350	69,275	68,915	69,366	69,494	69,376	68,984	68,584
Unemployed	2,332	2,260	2,520	2,598	2,289	2,307	2,162	2,222	2,223	2,194	2,099	2,117	2,088
Unemployment rate	3.2	3.1	3.5	3.6	3.2	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0
Males, 20 years and over:													
Civilian labor force	42,039	41,920	41,925	41,972	41,876	41,704	41,614	41,547	41,674	41,765	41,749	41,601	41,618
Employed	41,204	41,089	40,981	41,044	41,093	40,850	40,835	40,759	40,938	41,029	41,038	40,878	40,943
Unemployed	835	831	944	928	783	854	779	788	736	736	711	723	675
Unemployment rate	2.0	2.0	2.3	2.2	1.9	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
Females, 20 years and over:													
Civilian labor force	24,256	24,110	24,150	24,003	23,953	23,866	23,686	23,530	23,656	23,681	23,656	23,466	23,208
Employed	23,452	23,314	23,285	23,093	23,112	23,084	22,885	22,750	22,877	22,936	22,879	22,683	22,476
Unemployed	804	796	865	910	841	782	801	780	779	745	777	783	732
Unemployment rate	3.3	3.3	3.6	3.8	3.5	3.3	3.4	3.3	3.3	3.1	3.3	3.3	3.2
Both sexes, 16 to 19 years:													
Civilian labor force	6,374	6,338	6,293	6,313	6,008	6,087	6,137	6,060	6,259	6,242	6,070	6,034	5,843
Employed	5,681	5,705	5,582	5,553	5,343	5,416	5,555	5,406	5,551	5,529	5,459	5,423	5,162
Unemployed	693	633	711	760	665	671	582	654	708	713	611	611	681
Unemployment rate	10.9	10.0	11.3	12.0	11.1	11.0	9.5	10.8	11.3	11.4	10.1	10.1	11.7
Negro and other races													
Total:													
Civilian labor force	9,151	9,015	8,957	8,910	9,114	8,928	8,879	8,790	8,892	8,952	8,946	8,942	8,855
Employed	8,648	8,453	8,340	8,300	8,520	8,353	8,255	8,221	8,276	8,416	8,435	8,402	8,323
Unemployed	503	562	617	609	594	575	624	569	616	536	511	540	532
Unemployment rate	5.5	6.2	6.9	6.8	6.5	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0
Males, 20 years and over:													
Civilian labor force	4,664	4,597	4,585	4,594	4,626	4,574	4,567	4,551	4,516	4,566	4,563	4,559	4,544
Employed	4,498	4,421	4,394	4,401	4,456	4,402	4,384	4,395	4,347	4,422	4,417	4,384	4,387
Unemployed	166	176	191	193	170	172	183	156	169	144	146	175	157
Unemployment rate	3.6	3.8	4.2	4.2	3.7	3.8	4.0	3.4	3.7	3.2	3.2	3.8	3.5
Females, 20 years and over:													
Civilian labor force	3,683	3,596	3,568	3,562	3,658	3,555	3,526	3,469	3,579	3,559	3,583	3,561	3,534
Employed	3,519	3,402	3,360	3,326	3,422	3,330	3,310	3,270	3,320	3,346	3,394	3,384	3,330
Unemployed	164	194	208	236	236	225	216	199	259	213	189	177	204
Unemployment rate	4.5	5.4	5.8	6.6	6.5	6.3	6.1	5.7	7.2	6.0	5.3	5.0	5.8
Both sexes, 16 to 19 years:													
Civilian labor force	804	822	804	754	830	799	786	770	797	827	800	822	777
Employed	631	630	586	573	642	621	561	556	609	648	624	634	606
Unemployed	173	192	218	180	188	178	225	214	188	179	176	188	171
Unemployment rate	21.5	23.4	27.1	23.9	22.7	22.3	28.6	27.8	23.6	21.6	22.0	22.9	22.0

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-32: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
Total (all civilian workers)	3.4	3.4	3.9	4.0	3.5	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3
Men, 20 years and over	2.2	2.2	2.4	2.4	2.1	2.2	2.0	2.0	2.0	1.9	1.9	2.0	1.8
Women, 20 years and over	3.4	3.5	4.0	4.2	3.8	3.7	3.7	3.7	3.8	3.5	3.5	3.5	3.5
Both sexes, 16-19 years	11.9	11.6	13.0	13.2	12.5	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7
White	3.2	3.1	3.5	3.6	3.2	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0
Negro and other races	5.5	6.2	6.9	6.8	6.5	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0
Married men	1.6	1.5	1.7	1.7	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4
Full-time workers	3.1	3.0	3.2	3.4	3.1	3.1	3.1	3.1	3.2	2.9	2.8	2.9	2.7
Part-time workers	6.3	6.1	6.9	7.0	6.8	6.4	5.2	6.4	6.0	6.1	5.8	6.1	6.8
Unemployed 15 weeks and over ¹ . . . . .	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4
State insured ²	2.4	2.4	2.2	2.2	2.1	2.2	2.1	2.0	2.1	2.1	2.2	2.1	2.0
Labor force time lost ³	3.8	4.0	4.4	4.4	4.1	4.1	3.9	3.5	3.7	3.7	3.6	3.6	3.6
Occupation													
White-collar workers	2.1	2.1	2.4	2.2	2.2	2.2	2.1	1.9	1.8	2.0	1.9	1.9	1.9
Professional and technical	1.7	1.2	1.7	1.5	1.3	1.5	1.3	1.4	1.1	1.2	1.1	.9	1.1
Managers, officials, and proprietors	1.0	1.0	.9	1.1	1.0	.8	1.0	.9	.8	.9	.9	1.1	.9
Clerical workers	2.8	3.5	3.3	3.3	3.3	3.2	3.0	2.8	2.4	3.1	2.7	3.0	2.7
Sales workers	2.6	2.2	3.6	2.8	2.9	3.3	2.9	2.6	3.3	2.9	3.3	2.6	2.9
Blue-collar workers	4.3	4.2	4.3	4.4	3.8	3.8	3.7	3.8	4.1	3.7	3.6	3.8	3.6
Craftsmen and foremen	2.1	2.2	2.4	2.6	2.2	1.9	1.9	2.4	2.2	2.2	2.1	2.1	1.9
Operatives	5.0	4.9	5.0	4.8	4.1	4.2	4.3	4.0	4.6	3.9	4.2	4.2	4.2
Nonfarm laborers	7.2	7.0	6.8	7.7	6.9	7.5	5.9	6.4	6.8	7.0	5.5	6.6	6.1
Service workers	3.6	3.9	4.4	4.9	4.5	4.3	4.5	4.2	4.5	3.8	3.8	4.2	4.2
Farm workers	2.1	1.5	1.8	2.0	2.0	2.9	2.0	1.7	1.9	2.1	1.1	1.5	1.7
Industry													
Private wage and salary workers ⁴	3.5	3.6	3.8	4.0	3.6	3.6	3.5	3.5	3.6	3.4	3.3	3.4	3.3
Construction	5.6	5.6	7.3	7.6	7.4	5.7	5.0	5.5	6.2	6.2	5.5	5.5	5.4
Manufacturing	3.7	3.8	3.7	3.7	2.9	3.2	3.3	3.1	3.2	3.1	2.9	3.2	2.8
Durable goods	3.7	3.7	3.3	3.3	2.3	3.2	3.3	2.9	3.0	2.7	2.4	2.7	2.6
Nondurable goods	3.8	3.8	4.2	4.4	3.8	3.2	3.3	3.4	3.4	3.7	3.6	3.9	3.3
Transportation and public utilities	2.4	2.4	2.8	2.0	2.0	1.9	1.9	2.8	2.3	2.4	1.8	1.8	1.6
Wholesale and retail trade	3.9	3.9	4.3	4.7	4.4	4.1	4.2	3.9	4.2	3.8	3.9	3.8	4.1
Finance and service industries	2.8	3.1	3.2	3.5	3.5	3.7	3.2	3.4	3.3	2.9	3.1	3.1	3.2
Government wage and salary workers	2.0	2.1	2.5	1.9	1.9	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.7
Agricultural wage and salary workers	6.3	5.0	6.6	7.4	7.0	9.1	5.5	4.9	5.7	5.9	4.1	5.8	5.7

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-33: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
Less than 5 weeks	1,436	1,564	1,857	1,818	1,636	1,677	1,591	1,777	1,724	1,646	1,436	1,476	1,363
5 to 14 weeks	910	910	948	1,000	861	830	813	629	737	757	829	741	825
15 weeks and over	382	384	370	389	382	419	383	409	393	355	346	316	322
15 to 26 weeks	262	244	240	233	244	244	258	278	254	237	237	193	177
27 weeks and over	120	140	130	156	138	175	125	131	139	118	109	123	145

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

Age and sex	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
Total, 16 years and over	3.4	3.4	3.9	4.0	3.5	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3
16 to 19 years	11.9	11.6	13.0	13.2	12.5	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7
16 and 17 years	13.9	14.2	16.8	16.7	16.1	14.7	13.4	13.8	14.5	14.0	13.1	13.5	15.0
18 and 19 years	10.1	9.0	10.6	10.8	9.9	10.4	10.0	11.8	11.5	11.6	11.1	10.5	10.9
20 to 24 years	5.6	5.9	6.5	6.7	5.4	5.9	5.3	5.4	5.7	5.3	5.5	5.2	5.3
25 years and over	2.2	2.2	2.4	2.5	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0
25 to 54 years	2.2	2.4	2.4	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.0	2.2	2.0
55 years and over	2.2	2.0	2.4	2.3	2.0	2.1	2.0	1.7	2.0	1.9	2.0	1.9	2.1
Males, 16 years and over	2.9	2.9	3.2	3.2	2.7	3.0	2.7	2.7	2.7	2.6	2.6	2.7	2.6
16 to 19 years	11.1	11.5	12.2	12.1	11.1	12.0	10.4	11.0	11.4	11.5	11.0	11.8	11.6
16 and 17 years	13.2	14.0	15.1	15.0	15.7	14.7	12.7	13.9	12.6	12.9	12.5	13.2	14.2
18 and 19 years	9.3	8.6	10.0	9.6	7.6	10.0	8.3	8.8	10.4	10.2	9.5	10.6	9.5
20 to 24 years	5.2	5.3	6.5	6.3	4.5	5.5	4.8	4.8	4.7	4.5	4.9	5.0	4.2
25 years and over	1.8	1.8	1.9	1.9	1.7	1.8	1.6	1.7	1.6	1.6	1.5	1.6	1.5
25 to 54 years	1.6	1.8	1.8	1.8	1.7	1.7	1.6	1.8	1.6	1.5	1.4	1.5	1.4
55 years and over	2.3	2.0	2.2	2.0	2.0	2.0	1.8	1.6	1.7	1.8	1.7	1.9	1.9
Females, 16 years and over	4.4	4.3	5.0	5.3	4.9	4.6	4.7	4.8	4.9	4.6	4.5	4.3	4.5
16 to 19 years	12.8	11.8	14.0	14.6	14.1	12.5	12.9	14.5	14.5	14.3	12.7	11.6	14.1
16 and 17 years	14.9	14.5	19.0	19.2	16.7	14.8	14.3	13.5	16.9	15.6	13.9	14.0	16.2
18 and 19 years	11.1	9.5	11.2	12.1	12.3	10.8	11.9	15.2	12.7	13.3	13.0	10.4	12.6
20 to 24 years	6.0	6.6	6.5	7.1	6.4	6.3	5.9	6.1	6.8	6.3	6.1	5.5	6.5
25 years and over	2.9	3.0	3.4	3.5	3.3	3.2	3.3	3.1	3.2	3.0	3.1	3.2	2.9
25 to 54 years	3.3	3.4	3.6	3.7	3.6	3.5	3.6	3.4	3.6	3.3	3.2	3.4	3.1
55 years and over	2.0	2.0	2.6	2.7	2.1	2.3	2.3	1.8	2.4	1.9	2.5	1.9	2.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-35: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
Total													
16 years and over	78,779	78,497	78,325	78,127	78,187	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765
16 to 19 years	6,240	6,315	6,190	6,166	6,014	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709
16 and 17 years	2,657	2,687	2,612	2,601	2,457	2,509	2,548	2,512	2,652	2,660	2,570	2,524	2,394
18 and 19 years	3,644	3,642	3,568	3,546	3,526	3,509	3,594	3,443	3,518	3,533	3,492	3,527	3,364
20 to 24 years	9,439	9,496	9,430	9,408	9,493	9,365	9,384	9,176	9,237	9,222	9,165	9,026	8,955
25 years and over	63,113	62,741	62,713	62,538	62,671	62,387	62,096	62,101	62,203	62,416	62,552	62,217	62,121
25 to 54 years	49,038	48,626	48,533	48,416	48,471	48,259	48,047	48,056	48,106	48,326	48,466	48,366	48,127
55 years and over	14,140	14,081	14,086	14,089	14,156	14,022	13,954	13,992	14,131	14,160	14,113	13,973	14,016
Male													
16 years and over	49,109	49,022	48,825	48,939	48,864	48,638	48,653	48,609	48,766	48,919	48,875	48,686	48,579
16 to 19 years	3,502	3,535	3,401	3,497	3,313	3,345	3,393	3,382	3,481	3,497	3,453	3,455	3,325
16 and 17 years	1,552	1,593	1,528	1,588	1,445	1,482	1,496	1,472	1,559	1,608	1,557	1,532	1,463
18 and 19 years	1,991	1,956	1,887	1,908	1,850	1,822	1,894	1,874	1,923	1,937	1,919	1,950	1,890
20 to 24 years	5,075	5,087	5,055	5,074	5,125	5,037	5,061	5,005	4,977	4,923	4,887	4,814	4,921
25 years and over	40,553	40,386	40,369	40,373	40,429	40,236	40,191	40,215	40,298	40,494	40,568	40,407	40,356
25 to 54 years	31,521	31,322	31,273	31,267	31,336	31,263	31,207	31,185	31,216	31,393	31,466	31,422	31,339
55 years and over	9,074	9,068	9,069	9,091	9,068	8,954	8,936	9,003	9,084	9,127	9,111	9,062	9,040
Female													
16 years and over	29,670	29,475	29,500	29,188	29,323	29,236	29,018	28,656	28,839	28,848	28,854	28,543	28,186
16 to 19 years	2,738	2,780	2,789	2,669	2,701	2,731	2,767	2,610	2,670	2,620	2,590	2,544	2,384
16 and 17 years	1,105	1,094	1,084	1,013	1,012	1,027	1,052	1,040	1,093	1,052	1,013	992	931
18 and 19 years	1,653	1,686	1,681	1,638	1,676	1,687	1,700	1,569	1,595	1,596	1,573	1,577	1,474
20 to 24 years	4,364	4,409	4,375	4,334	4,368	4,328	4,323	4,171	4,260	4,299	4,278	4,212	4,034
25 years and over	22,560	22,355	22,344	22,165	22,242	22,151	21,905	21,886	21,905	21,922	21,984	21,810	21,765
25 to 54 years	17,517	17,304	17,260	17,149	17,135	16,996	16,840	16,871	16,890	16,933	17,000	16,944	16,788
55 years and over	5,066	5,013	5,017	4,998	5,088	5,068	5,018	4,989	5,047	5,033	5,002	4,911	4,976

A-36: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
White-collar workers	37,578	37,514	37,436	37,099	36,975	36,802	36,920	36,722	36,458	36,346	36,179	36,125	35,869
Professional and technical	10,964	10,897	10,882	10,730	10,677	10,889	10,811	10,756	10,759	10,714	10,521	10,648	10,477
Managers, officials, and proprietors	8,139	8,205	8,086	8,102	7,958	7,915	7,908	8,044	8,003	7,855	7,773	7,855	7,813
Clerical workers	13,713	13,544	13,751	13,573	13,594	13,282	13,433	13,279	13,120	13,152	13,268	13,055	12,940
Sales workers	4,762	4,868	4,717	4,694	4,746	4,716	4,768	4,643	4,576	4,625	4,617	4,567	4,639
Blue-collar workers	28,408	28,334	28,366	28,499	28,489	28,347	28,032	27,603	27,990	28,220	28,395	28,151	28,051
Craftsmen and foremen	10,375	10,258	10,195	10,093	10,179	10,160	10,085	9,957	10,019	10,211	10,460	10,330	10,306
Operatives	14,282	14,347	14,550	14,706	14,617	14,560	14,260	14,050	14,199	14,345	14,327	14,206	14,114
Nonfarm laborers	3,751	3,729	3,621	3,700	3,693	3,627	3,687	3,596	3,772	3,664	3,608	3,615	3,631
Service workers	9,724	9,574	9,514	9,505	9,447	9,448	9,372	9,353	9,673	9,703	9,605	9,418	9,453
Farmers and farm laborers	3,084	3,077	2,992	3,170	3,282	3,235	3,438	3,522	3,381	3,436	3,591	3,411	3,421

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

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.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,670	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	627	3,275	19,214	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	613	3,208	19,447	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,860	610	3,267	19,768	4,313	14,081	3,618	10,464	3,383	10,592	11,846	2,737	9,109
1969.....	70,139	628	3,410	20,121	4,449	14,644	3,768	10,876	3,558	11,102	12,227	2,756	9,471
1968: December..	69,805	619	3,247	20,008	4,370	15,113	3,715	11,398	3,449	10,773	12,226	2,769	9,457
1969: January..	68,196	611	3,024	19,803	4,288	14,189	3,671	10,518	3,448	10,693	12,140	2,735	9,405
February.....	68,403	610	2,999	19,891	4,303	14,097	3,666	10,431	3,467	10,792	12,244	2,739	9,505
March.....	68,894	610	3,077	19,978	4,346	14,201	3,678	10,523	3,490	10,913	12,279	2,737	9,542
April.....	69,462	619	3,255	19,952	4,403	14,398	3,688	10,710	3,517	11,044	12,274	2,747	9,527
May.....	69,929	624	3,404	19,982	4,431	14,517	3,709	10,808	3,534	11,131	12,306	2,740	9,566
June.....	70,980	638	3,601	20,336	4,512	14,717	3,793	10,924	3,585	11,243	12,348	2,832	9,516
July.....	70,347	645	3,681	20,114	4,528	14,662	3,818	10,844	3,629	11,266	11,822	2,841	8,981
August.....	70,607	647	3,707	20,435	4,533	14,660	3,821	10,839	3,642	11,253	11,730	2,804	8,926
September.....	70,814	639	3,663	20,421	4,529	14,702	3,806	10,896	3,597	11,183	12,080	2,733	9,347
October.....	71,198	632	3,623	20,339	4,502	14,847	3,834	11,013	3,591	11,255	12,409	2,715	9,694
November.....	71,244	631	3,529	20,156	4,510	15,077	3,851	11,226	3,596	11,231	12,514	2,705	9,809
December.....	71,588	632	3,360	20,039	4,502	15,655	3,875	11,780	3,601	11,220	12,579	2,749	9,830

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. Data for the 2 most recent months are preliminary and 1969 annual averages are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

SIC CODE	Industry	(In thousands)									
		All employees					Production workers ¹				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
-	TOTAL	71,588	71,244	71,198	69,805	69,248	-	-	-	-	-
-	PRIVATE SECTOR	59,009	58,730	58,789	57,579	57,139	48,976	48,700	48,764	47,874	47,464
-	MINING	632	631	632	619	621	484	483	483	473	474
10	METAL MINING	-	93.4	93.1	87.7	88.1	-	75.6	75.1	70.4	70.9
101	Iron ores	-	25.1	25.4	23.7	24.3	-	20.5	20.7	19.1	19.8
102	Copper ores	-	38.3	37.9	35.1	34.9	-	30.8	30.4	27.9	27.7
11,12	COAL MINING	-	138.6	137.9	135.9	136.1	-	120.2	119.5	117.1	117.3
12	Bituminous coal and lignite mining	-	132.2	131.5	129.7	129.8	-	114.5	113.8	111.7	111.9
13	OIL AND GAS EXTRACTION	-	279.2	279.8	281.1	278.7	-	188.0	188.4	191.5	188.8
131,2	Crude petroleum and natural gas fields	-	140.7	141.5	145.5	146.0	-	72.0	72.3	75.7	75.9
138	Oil and gas field services	-	138.5	138.3	135.6	132.7	-	116.0	116.1	115.8	112.9
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	119.7	121.2	114.7	118.2	-	98.7	100.1	93.5	96.7
142	Crushed and broken stone	-	42.3	43.2	39.6	41.1	-	35.8	36.7	33.1	34.5
144	Sand and gravel	-	39.8	40.2	37.4	39.0	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,360	3,529	3,623	3,247	3,379	2,824	2,990	3,084	2,731	2,861
	GENERAL BUILDING CONTRACTORS	-	1,040.2	1,061.2	990.1	1,016.8	-	887.2	907.3	841.6	867.1
16	HEAVY CONSTRUCTION CONTRACTORS	-	793.3	836.7	639.8	711.4	-	682.9	724.2	542.6	614.4
161	Highway and street construction	-	346.8	377.1	267.8	328.3	-	309.0	338.2	230.3	290.4
162	Heavy construction, n e c	-	446.5	459.6	372.0	383.1	-	373.9	386.0	312.3	324.0
17	SPECIAL TRADE CONTRACTORS	-	1,695.4	1,724.6	1,617.0	1,650.7	-	1,419.8	1,452.7	1,346.4	1,379.9
171	Plumbing, heating, air conditioning	-	408.3	408.6	395.4	399.8	-	329.1	331.4	319.4	323.5
172	Painting, paper hanging, decorating	-	128.8	136.6	120.4	131.5	-	113.8	121.4	105.0	116.1
173	Electrical work	-	285.3	286.9	275.1	275.1	-	230.6	232.4	220.6	221.1
174	Masonry, stonework, and plastering	-	233.0	238.0	227.7	235.2	-	211.6	216.9	205.9	213.3
176	Roofing and sheet metal work	-	125.3	125.8	115.5	115.7	-	103.6	104.7	94.8	95.1
	MANUFACTURING	20,039	20,156	20,339	20,008	20,036	14,645	14,750	14,918	14,701	14,741
19,24,25, 32-39	DURABLE GOODS	11,780	11,833	11,991	11,793	11,776	8,546	8,588	8,733	8,595	8,586
20-23, 26-31	NONDURABLE GOODS	8,259	8,323	8,348	8,215	8,260	6,099	6,162	6,185	6,106	6,155
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	298.7	306.9	307.7	352.0	349.5	162.7	168.7	170.0	197.7	197.9
192	Ammunition, except for small arms	(*)	225.0	229.2	264.5	262.0	(*)	117.0	120.6	141.6	141.7
1925	Complete guided missiles	-	130.9	131.9	152.8	153.2	-	41.2	41.6	50.4	51.4
1929	Ammunition, exc. for small arms, nec	-	94.1	97.3	111.7	108.8	-	75.8	79.0	91.2	90.3
24	LUMBER AND WOOD PRODUCTS	585.0	588.8	593.9	598.0	598.5	504.9	508.8	513.8	518.5	519.0
241	Logging camps & logging contractors	77.9	79.4	81.0	77.1	77.6	-	-	-	-	-
242	Sawmills and planing mills	223.6	226.7	229.0	231.0	231.0	202.5	205.5	207.6	209.8	209.9
2421	Sawmills and planing mills, general	-	189.4	191.5	192.1	192.7	-	171.9	173.8	174.6	175.3
243	Millwork, plywood & related products	156.6	158.4	158.7	167.6	167.3	130.3	131.9	132.4	141.4	141.1
2431	Millwork	-	69.5	69.0	73.4	73.1	-	55.9	55.5	59.7	59.6
2432	Veneer and plywood	-	69.9	70.2	75.3	75.1	-	62.6	63.0	68.4	68.0
244	Wooden containers	(*)	36.4	36.9	37.8	37.9	(*)	32.4	32.8	33.7	33.6
2441,2	Wooden boxes, shooks, and crates	-	28.0	28.3	29.2	29.4	-	24.9	25.1	26.0	26.0
249	Miscellaneous wood products	87.6	87.9	88.3	84.5	84.7	74.1	73.9	74.3	71.3	71.5

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	493.2	493.5	496.9	490.1	490.3	409.8	410.2	413.3	406.8	406.4
251	Household furniture	346.4	346.3	349.4	346.4	347.1	295.3	295.6	298.5	296.0	296.3
2511	Wood household furniture	—	177.2	179.5	181.0	181.4	—	157.0	159.0	159.9	160.2
2512	Upholstered household furniture	—	90.1	91.3	90.2	89.6	—	75.1	76.3	75.8	75.2
2515	Mattresses and bedsprings	—	39.2	39.5	38.4	39.0	—	30.6	30.9	30.2	30.6
252	Office furniture	—	41.0	40.6	37.8	36.6	—	32.4	32.1	29.5	28.6
254	Partitions and fixtures	—	54.0	54.0	51.4	51.6	—	41.8	41.7	39.0	39.1
253,9	Other furniture and fixtures	52.4	52.2	52.9	54.5	55.0	40.9	40.4	41.0	42.3	42.4
32	STONE, CLAY, AND GLASS PRODUCTS . . .	657.0	667.0	669.6	650.1	654.9	523.8	533.7	537.2	522.9	527.6
321	Flat glass	—	25.7	26.3	27.0	27.2	—	19.7	20.0	20.7	21.0
322	Glass and glassware, pressed or blown . . .	130.3	132.8	133.5	130.5	131.2	113.5	116.3	117.5	115.9	116.8
3221	Glass containers	—	75.4	75.6	73.4	73.7	—	67.6	67.8	67.8	68.3
3229	Pressed and blown glass, n e c	—	57.4	57.9	57.1	57.5	—	48.7	49.7	48.1	48.5
324	Cement, hydraulic	35.9	36.1	35.9	34.7	34.9	27.8	27.8	27.6	26.6	26.8
325	Structural clay products	61.8	62.8	63.2	65.0	64.9	50.6	51.3	52.0	53.6	53.9
3251	Brick and structural clay tile	—	28.3	28.7	29.4	29.7	—	24.6	25.1	25.7	26.2
326	Pottery and related products	—	46.2	46.6	44.4	44.5	—	38.9	39.2	37.9	38.0
327	Concrete, gypsum, and plaster products . .	185.1	190.6	191.6	182.0	185.1	143.2	148.9	150.4	141.8	144.4
328,9	Other stone and nonmetallic mineral products	142.3	142.3	141.7	137.5	138.0	106.5	106.5	105.8	103.0	103.2
3291	Abrasive products	—	28.0	28.0	27.5	27.4	—	19.3	19.2	19.0	18.8
33	PRIMARY METAL INDUSTRIES	1,357.9	1,358.0	1,355.9	1,302.5	1,280.1	1,088.5	1,087.6	1,083.7	1,035.7	1,014.7
331	Blast furnace and basic steel products . .	(*)	646.5	647.8	603.8	590.1	(*)	516.7	516.8	476.1	462.9
3312	Blast furnaces and steel mills	—	567.6	567.6	525.4	513.6	—	456.0	454.8	416.7	405.0
332	Iron and steel foundries	239.1	238.7	235.9	229.3	224.3	201.8	201.4	198.9	192.8	187.6
3321	Gray iron foundries	—	150.5	148.1	145.6	142.2	—	129.2	127.0	124.6	121.2
3322	Malleable iron foundries	—	23.9	23.8	23.2	23.1	—	20.0	19.9	19.5	19.3
3323	Steel foundries	—	64.3	64.0	60.5	59.0	—	52.2	52.0	48.7	47.1
333,4	Nonferrous metals	86.6	87.3	87.6	86.7	86.1	67.1	67.8	67.9	67.7	67.3
3334	Primary aluminum	—	28.0	28.0	26.9	27.0	—	22.9	22.8	22.2	22.4
335	Nonferrous rolling and drawing	218.2	217.4	218.3	214.5	212.9	163.9	164.3	164.8	161.4	160.6
3351	Copper rolling and drawing	—	44.3	44.4	44.4	43.5	—	33.5	33.5	33.4	32.9
3352	Aluminum rolling and drawing	—	69.6	69.4	71.7	71.5	—	51.6	51.3	54.1	54.0
3357	Nonferrous wire drawing and insulating . .	—	78.8	79.9	77.3	76.9	—	61.6	62.5	59.8	59.5
336	Nonferrous foundries	91.8	91.7	90.8	92.3	91.2	76.3	76.4	75.3	77.2	76.3
3361	Aluminum castings	—	47.5	46.5	46.9	46.4	—	40.2	39.2	40.1	39.6
3362,9	Other nonferrous castings	—	44.2	44.3	45.4	44.8	—	36.2	36.1	37.1	36.7
339	Miscellaneous primary metal products . . .	77.1	76.4	75.5	75.9	75.5	61.4	61.0	60.0	60.5	60.0
3391	Iron and steel forgings	—	51.3	50.9	51.0	50.7	—	41.2	40.7	41.2	40.9
34	FABRICATED METAL PRODUCTS	1,471.8	1,471.5	1,468.0	1,437.2	1,434.3	1,134.0	1,132.9	1,129.0	1,111.9	1,110.1
341	Metal cans	67.0	66.8	68.1	66.6	67.7	56.2	55.7	57.1	56.9	57.9
342	Cutlery, hand tools, and hardware	172.4	173.9	173.7	172.6	171.8	134.4	136.1	135.9	135.3	134.4
3421,3,5	Cutlery and hand tools, incl. saws	—	72.0	70.7	68.0	66.9	—	55.7	54.6	53.3	52.3
3429	Hardware, n e c	—	101.9	103.0	104.6	104.9	—	80.4	81.3	82.0	82.1
343	Plumbing and heating, except electric . .	84.6	85.2	85.1	83.0	83.5	63.2	63.6	63.4	61.7	61.9
3431,2	Sanitary ware & plumbers' brass goods . .	—	37.6	37.8	37.1	36.8	—	30.0	30.1	29.4	29.1
3433	Heating equipment, except electric	—	47.6	47.3	45.9	46.7	—	33.6	33.3	32.3	32.8
344	Fabricated structural metal products	437.8	436.8	436.0	422.2	420.6	316.2	315.6	314.5	305.9	305.0
3441	Fabricated structural steel	—	115.1	115.0	114.3	112.6	—	85.1	84.5	84.9	83.3
3442	Metal doors, sash, and trim	—	72.1	72.3	69.2	70.0	—	52.6	52.7	50.2	51.1
3443	Fabricated plate work (boiler shops)	—	116.9	116.1	112.1	111.0	—	81.8	81.3	79.4	78.4
3444	Sheet metal work	—	81.4	81.4	79.5	80.0	—	59.2	59.1	58.5	59.0
3446,9	Architectural and misc. metal work	—	51.3	51.2	47.1	47.0	—	36.9	36.9	32.9	33.2
345	Screw machine products, bolts, etc	118.3	117.8	115.8	113.3	112.5	94.3	92.9	91.3	89.5	89.0
3451	Screw machine products	—	53.0	51.7	52.0	51.8	—	44.5	43.7	44.0	43.9
3452	Bolts, nuts, rivets, and washers	—	64.8	64.1	61.3	60.7	—	48.4	47.6	45.5	45.1
346	Metal stampings	257.6	257.9	260.2	258.8	259.4	210.7	210.6	211.9	212.8	213.2
347	Metal services, n e c	98.3	98.4	98.0	95.0	94.6	80.9	81.0	80.6	78.5	78.7
348	Misc. fabricated wire products	72.4	70.7	70.4	70.2	69.5	57.7	56.4	56.3	56.9	56.3
349	Misc. fabricated metal products	163.4	164.0	160.7	155.5	154.7	120.4	121.0	118.0	114.4	113.7
3494,8	Valves, pipe, and pipe fittings	—	97.9	95.2	94.5	93.6	—	68.9	66.7	66.9	66.1

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Durable Goods--Continued</i>										
	TRANSPORTATION EQUIPMENT--Continued										
3732	Boat building and repairing	-	43.4	42.1	42.7	41.8	-	35.3	34.2	35.3	34.3
374	Railroad equipment	-	53.2	53.6	49.3	48.3	-	40.2	41.5	38.0	36.7
375,9	Other transportation equipment	-	88.3	87.1	86.2	86.4	-	72.5	71.3	72.7	73.3
38	INSTRUMENTS AND RELATED PRODUCTS	467.5	470.7	469.2	467.5	466.5	287.5	289.3	288.6	289.9	288.5
381	Engineering & scientific instruments	-	75.8	75.8	83.5	83.7	-	37.3	37.5	41.5	40.8
382	Mechanical measuring & control devices	113.1	113.1	113.0	110.7	110.7	71.6	71.3	71.3	70.9	70.8
3821	Mechanical measuring devices	-	69.3	69.3	67.2	67.2	-	41.3	41.1	40.2	40.2
3822	Automatic temperature controls	-	43.8	43.7	43.5	43.5	-	30.0	30.2	30.7	30.6
383,5	Optical and ophthalmic goods	51.4	51.8	51.8	51.1	50.6	36.0	36.3	36.5	36.0	36.1
385	Ophthalmic goods	-	33.1	32.9	32.1	31.7	-	25.2	25.2	24.0	24.1
384	Medical instruments and supplies	79.1	78.4	77.3	75.1	74.3	54.0	53.3	52.6	51.5	50.7
386	Photographic equipment and supplies	(*)	115.2	114.6	110.8	111.0	(*)	61.4	60.7	60.4	60.6
387	Watches, clocks, and watchcases	-	36.4	36.7	36.3	36.2	-	29.7	30.0	29.6	29.5
	MISCELLANEOUS MANUFACTURING INDUSTRIES	451.7	462.1	467.7	441.6	461.5	353.0	362.7	369.4	346.8	366.9
391	Jewelry, silverware, and plated ware	52.5	52.5	52.6	53.2	53.1	39.7	39.4	39.8	40.5	40.5
394	Toys and sporting goods	-	138.2	143.6	122.9	138.0	-	114.2	120.0	101.1	116.0
3941-3	Games, toys, dolls, & play vehicles	-	85.1	90.3	70.2	85.0	-	70.9	76.6	57.8	72.2
3949	Sporting and athletic goods, n e c	-	53.1	53.3	52.7	53.0	-	43.3	43.4	43.3	43.8
395	Pens, pencils, office, and art supplies	-	34.9	35.0	34.3	34.4	-	24.5	25.6	24.3	24.5
396	Costume jewelry and notions	-	63.8	63.7	61.6	64.1	-	53.0	53.1	51.0	53.4
393,8,9	Other manufacturing industries	172.1	172.7	172.8	169.6	171.9	130.0	130.7	130.9	129.9	132.5
393	Musical instruments and parts	-	25.0	24.5	25.0	25.2	-	19.8	19.4	19.7	19.8
	<i>Non-durable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	1,774.6	1,831.0	1,860.4	1,776.7	1,805.7	1,190.1	1,244.0	1,270.4	1,192.1	1,222.1
201	Meat products	347.6	347.7	343.7	343.7	344.2	282.0	282.6	279.0	277.8	278.5
2011	Meat packing plants	-	183.7	182.7	188.3	187.2	-	143.6	142.7	146.9	146.1
2013	Sausages and other prepared meats	-	59.2	58.2	58.8	58.7	-	42.8	42.0	42.8	42.7
2015	Poultry dressing plants	-	104.8	102.8	96.6	98.3	-	96.2	94.3	88.1	89.7
202	Dairy products	243.1	244.3	247.9	251.4	253.0	113.0	114.5	115.8	117.6	118.7
2024	Ice cream and frozen desserts	-	24.6	26.2	25.2	25.9	-	12.5	13.2	12.4	12.9
2026	Fluid milk	-	173.9	175.5	179.1	180.1	-	66.6	67.0	68.7	69.1
203	Canned, cured, and frozen foods	-	284.0	322.3	252.6	270.3	-	238.5	276.5	208.1	227.1
2031,6	Canned, cured, and frozen sea foods	-	42.4	44.0	40.9	38.6	-	36.8	38.6	35.9	33.8
2032,3	Canned food, except sea foods	-	138.4	172.1	123.7	137.3	-	112.2	145.5	98.3	112.2
2037	Frozen fruits and vegetables	-	66.4	66.1	56.1	58.7	-	59.7	59.3	49.1	52.6
204	Grain mill products	138.8	137.2	138.0	134.1	133.2	98.7	97.5	98.6	95.0	94.2
2041	Flour and other grain mill products	-	31.8	31.5	31.7	31.2	-	23.5	23.3	23.1	22.5
2042	Prepared feeds for animals and fowls	-	64.0	64.6	61.7	61.8	-	42.6	43.2	40.6	40.8
205	Bakery products	274.2	280.5	270.3	276.9	278.5	162.0	166.5	156.0	162.0	163.3
2051	Bread, cake, and related products	-	233.8	234.0	234.9	235.8	-	128.4	128.0	127.5	128.1
2052	Cookies and crackers	-	46.7	36.3	42.0	42.7	-	38.1	28.0	34.5	35.2
206	Sugar	-	55.0	51.9	51.7	54.1	-	45.9	43.6	45.2	47.4
207	Confectionery and related products	90.5	92.8	91.6	87.8	89.3	74.9	77.3	76.0	72.2	74.0
2071	Confectionery products	-	76.6	75.2	71.9	73.1	-	65.1	63.7	60.4	61.9
208	Beverages	(*)	241.1	246.2	231.5	235.2	(*)	124.0	127.6	118.1	121.8
2082	Malt liquors	-	61.3	61.3	59.0	59.4	-	40.6	40.4	39.5	39.9
2086	Bottled and canned soft drinks	-	129.4	131.6	127.5	127.0	-	48.0	49.5	48.1	47.6
209	Misc. foods and kindred products	148.0	148.4	148.5	147.0	147.9	97.0	97.2	97.3	96.1	97.1
21	TOBACCO MANUFACTURES	83.3	85.0	91.3	88.0	89.1	70.0	71.6	77.6	75.2	76.4
211	Cigarettes	-	40.4	40.0	41.8	41.8	-	32.6	32.2	34.3	34.4
212	Cigars	-	19.7	19.6	20.6	20.7	-	18.0	17.9	19.1	19.3
22	TEXTILE MILL PRODUCTS	981.9	984.6	982.3	997.7	1,003.2	864.3	867.4	865.5	883.7	888.3
221	Weaving mills, cotton	226.0	225.7	224.7	231.7	231.7	205.3	205.2	204.3	211.4	211.3
222	Weaving mills, synthetics	101.8	101.7	101.5	102.7	102.7	90.4	90.5	90.5	92.5	92.4
223	Weaving and finishing mills, wool	42.5	42.2	41.8	44.4	44.2	36.5	36.2	35.7	38.1	38.0
224	Narrow fabric mills	31.9	31.9	31.7	31.9	31.9	28.4	28.4	28.2	28.4	28.4
225	Knitting mills	239.8	242.5	242.9	247.3	253.8	211.2	213.7	213.9	219.3	225.2
2251	Women's hosiery, except socks	-	65.4	64.8	66.6	66.8	-	59.3	58.8	60.7	60.8
2252	Hosiery, n e c	-	37.3	37.4	38.6	39.0	-	33.4	33.7	35.0	35.4
2253	Knit outerwear mills	-	69.4	70.0	72.8	78.8	-	59.6	60.1	62.9	68.7
2254	Knit underwear mills	-	33.5	33.7	34.2	34.1	-	29.7	29.6	30.3	30.2

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Nondurable Goods--Continued</i>										
	TEXTILE MILL PRODUCTS--Continued										
226	Textile finishing, except wool	86.2	85.2	84.2	82.9	82.5	73.1	72.1	71.5	70.2	69.8
227	Floor covering mills	-	56.5	55.9	53.2	52.8	-	45.3	44.8	43.0	42.8
228	Yarn and thread mills	122.2	121.7	121.1	122.3	122.0	112.9	112.5	111.8	113.2	112.8
229	Miscellaneous textile goods	75.6	77.2	78.5	81.3	81.6	62.0	63.5	64.8	67.6	67.6
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,415.9	1,422.1	1,428.6	1,411.0	1,426.2	1,243.9	1,249.8	1,255.4	1,242.2	1,257.1
231	Men's and boys' suits and coats	135.5	136.9	136.2	134.9	134.9	117.9	119.5	119.2	118.2	118.4
232	Men's and boys' furnishings	376.0	376.3	374.5	367.5	367.4	333.1	333.3	332.0	326.8	326.9
2321	Men's and boys' shirts and nightwear ...	-	123.9	123.3	119.8	120.4	-	110.9	110.5	107.3	107.8
2327	Men's and boys' separate trousers	-	79.3	79.3	81.0	80.7	-	72.0	72.2	74.2	74.0
2328	Men's and boys' work clothing	-	86.5	86.3	83.6	82.6	-	74.4	74.3	72.6	71.7
233	Women's and misses' outerwear	433.8	430.3	434.2	420.1	425.6	386.1	382.3	385.1	372.2	376.9
2331	Women's and misses' blouses and waists ..	-	52.3	51.8	50.1	53.1	-	47.1	46.6	44.6	47.3
2335	Women's and misses' dresses	-	201.0	204.8	198.4	200.3	-	180.5	184.2	177.4	179.0
2337	Women's and misses' suits and coats ...	-	89.0	91.1	86.1	88.1	-	78.6	79.9	76.3	78.0
2339	Women's and misses' outerwear, n e c ...	-	88.0	86.5	85.5	84.1	-	76.1	74.4	73.9	72.6
234	Women's and children's undergarments ...	123.9	125.1	125.7	128.6	130.4	107.6	108.8	109.5	112.8	114.7
2341	Women's and children's underwear	-	86.3	86.7	86.8	88.1	-	76.4	76.7	77.4	78.8
2342	Corsets and allied garments	-	38.8	39.0	41.8	42.3	-	32.4	32.8	35.4	35.9
235	Hats, caps, and millinery	-	19.3	19.3	22.4	21.8	-	17.3	17.4	20.1	19.5
236	Children's outerwear	77.3	78.0	78.8	78.8	80.0	68.3	68.9	69.8	70.4	71.5
2361	Children's dresses and blouses	-	33.9	34.4	34.1	34.9	-	30.6	31.0	30.8	31.6
237,8	Fur goods and miscellaneous apparel	-	79.3	80.9	79.0	82.2	-	68.0	69.6	68.4	71.5
239	Misc. fabricated textile products	173.9	176.9	179.0	179.7	183.9	148.5	151.7	152.8	153.3	157.7
2391,2	Housefurnishings	-	66.6	66.8	65.0	65.7	-	57.3	57.7	56.0	56.9
26	PAPER AND ALLIED PRODUCTS.....	725.3	725.2	720.6	708.5	706.5	561.6	561.8	557.8	551.4	549.5
261,2,6	Paper and pulp mills	226.6	225.9	224.4	221.3	21.92	175.8	175.4	174.3	173.6	171.6
263	Paperboard mills	(*)	73.9	73.0	73.6	73.7	(*)	58.9	58.2	58.5	58.7
264	Misc. converted paper products	189.8	189.1	188.4	183.3	183.2	137.8	137.4	136.7	134.0	133.7
2643	Bags, except textile bags	-	43.4	42.7	43.5	42.9	-	35.2	34.7	35.2	34.6
265	Paperboard containers and boxes	236.4	236.3	234.8	230.3	230.4	190.3	190.1	188.6	185.3	185.5
2651,2	Folding and setup paperboard boxes	-	75.0	74.3	72.1	72.4	-	62.6	61.9	60.1	60.6
2653	Corrugated and solid fiber boxes	-	108.3	108.0	105.9	105.7	-	84.1	83.7	82.2	82.0
2654	Sanitary food containers	-	33.3	32.8	32.3	32.2	-	27.0	26.5	26.4	26.2
27	PRINTING AND PUBLISHING.....	1,106.7	1,106.0	1,100.5	1,079.9	1,075.6	689.0	687.9	684.9	675.9	673.5
271	Newspapers	372.0	370.8	368.7	364.7	362.8	182.4	181.4	181.0	179.9	178.7
272	Periodicals	-	80.0	79.9	78.2	77.6	-	28.4	28.1	28.2	28.1
273	Books	-	97.0	96.8	95.5	94.5	-	53.3	53.3	54.1	53.4
275	Commercial printing	355.4	354.8	351.8	345.0	343.5	276.8	276.2	273.8	269.4	268.7
2751	Commercial printing, ex. lithographic ...	-	220.2	217.1	213.3	212.4	-	173.3	170.6	168.6	168.0
2752	Commercial printing, lithographic	-	122.4	122.6	120.0	119.5	-	93.6	94.0	91.8	91.7
278	Blankbooks and bookbinding	(*)	59.6	59.1	55.9	56.2	(*)	49.2	48.7	46.1	46.1
274,6,7,9	Other publishing & printing ind.	144.8	143.8	144.2	140.6	141.0	100.2	99.4	100.0	98.2	98.5
28	CHEMICALS AND ALLIED PRODUCTS...	1,051.2	1,048.8	1,046.2	1,035.1	1,033.2	615.7	613.7	610.1	614.0	612.9
281	Industrial chemicals	316.1	315.1	313.1	313.6	313.1	175.0	173.5	171.3	172.8	172.2
2812	Alkalies and chlorine	-	25.6	25.5	25.9	25.8	-	17.9	17.8	17.9	17.8
2818	Industrial organic chemicals, n e c	-	124.0	123.9	124.7	125.3	-	55.2	54.8	56.4	56.5
2819	Industrial inorganic chemicals, n e c	-	97.7	96.1	96.2	95.3	-	57.1	55.4	55.9	55.2
282	Plastics materials and synthetics	228.0	226.9	225.8	221.0	219.9	149.6	148.8	147.4	147.4	146.7
2821	Plastics materials and resins	-	98.1	97.8	95.6	95.0	-	60.0	59.4	59.6	59.3
2823,4	Synthetic fibers	-	115.4	114.8	112.1	111.6	-	79.9	79.3	79.2	78.8
283	Drugs	144.4	143.9	143.4	138.3	137.6	71.5	71.0	70.3	70.7	70.5
2834	Pharmaceutical preparations	-	113.0	112.7	107.7	107.1	-	54.7	54.4	53.9	53.6
284	Soap, cleaners, and toilet goods	127.1	126.0	125.3	119.5	120.3	75.0	74.5	74.1	71.7	72.9
2841	Soap and other detergents	-	40.6	40.6	39.6	39.6	-	26.3	26.6	26.0	26.0
2844	Toilet preparations	-	53.9	53.4	50.0	51.2	-	33.3	32.7	30.8	32.1
285	Paints and allied products	70.1	70.6	71.2	70.0	70.0	38.8	39.0	39.4	38.2	38.2
287	Agricultural chemicals	53.6	53.1	52.5	54.0	53.2	32.4	32.1	31.5	33.2	32.4
2871,2	Fertilizers, complete & mixing only	-	36.4	35.9	37.0	36.5	-	24.0	23.5	25.3	24.7
286,9	Other chemical products	111.9	113.2	114.9	118.7	119.1	73.4	74.8	76.1	80.0	80.0
2892	Explosives	-	41.2	42.2	47.2	47.2	-	31.3	32.1	36.6	36.5
29	PETROLEUM AND COAL PRODUCTS	191.7	191.8	192.7	186.1	187.8	118.2	118.2	119.4	116.8	118.9
291	Petroleum refining	154.1	153.5	154.0	150.4	150.5	91.6	90.7	91.5	91.4	92.0
295,9	Other petroleum and coal products	(*)	38.3	38.7	35.7	37.3	(*)	27.5	27.9	25.4	26.9

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
<i>Nondurable Goods--Continued</i>											
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	586.1	587.2	587.2	576.2	573.3	452.4	455.2	455.0	447.5	445.9
301	Tires and inner tubes.....	120.2	119.8	119.5	115.4	113.8	84.0	83.7	83.3	80.0	78.5
302,3,6	Other rubber products.....	180.5	181.4	182.3	187.1	187.6	141.0	142.3	143.2	146.9	147.7
302	Rubber footwear.....	-	24.5	24.4	27.3	27.6	-	20.6	20.5	23.0	23.2
307	Miscellaneous plastics products.....	285.4	286.0	285.4	273.7	271.9	227.4	229.2	228.5	220.6	219.7
31	LEATHER AND LEATHER PRODUCTS	342.6	341.2	338.3	356.0	359.2	293.4	292.3	289.2	307.1	310.5
311	Leather tanning and finishing.....	28.4	28.2	28.1	30.3	30.2	24.5	24.3	24.3	26.3	26.3
314	Footwear, except rubber.....	226.8	223.2	220.6	234.5	234.2	197.3	194.2	191.7	205.2	205.1
312,3,5-7,9	Other leather products.....	87.4	89.8	89.6	91.2	94.8	71.6	73.8	73.2	75.6	79.1
316	Luggage.....	-	21.5	22.4	20.8	21.5	-	17.0	18.0	16.9	17.6
317	Handbags and personal leather goods.....	-	36.7	36.3	38.3	40.8	-	31.1	30.4	32.5	34.9
TRANSPORTATION AND PUBLIC UTILITIES.....											
40	RAILROAD TRANSPORTATION	4,502	4,510	4,502	4,370	4,373	-	-	-	-	-
4011	Class 1 railroads ²	-	639.6	641.4	643.1	647.2	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER											
41	TRANSIT	-	290.4	289.2	288.2	285.0	-	-	-	-	-
411	Local and suburban transportation.....	-	79.5	79.7	81.7	81.3	-	74.8	74.9	77.6	77.4
412	Taxicabs.....	-	111.1	109.5	111.6	110.6	-	-	-	-	-
413	Intercity highway transportation.....	-	42.8	42.9	42.8	42.3	-	39.4	39.3	39.1	38.6
42	TRUCKING AND WAREHOUSING	-	1,113.6	1,117.3	1,076.5	1,077.1	-	1,009.7	1,013.5	974.7	975.5
421,3	Trucking and trucking terminals.....	-	1,021.4	1,025.9	989.0	986.7	-	929.1	933.2	897.9	896.1
422	Public warehousing.....	-	92.2	91.4	87.5	90.4	-	80.6	80.3	76.8	79.4
45	TRANSPORTATION BY AIR	-	359.4	356.8	343.1	339.9	-	-	-	-	-
451,2	Air transportation.....	-	325.4	322.2	310.2	308.3	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	18.2	18.2	18.4	18.4	-	14.5	14.6	15.1	15.1
44,47	OTHER TRANSPORTATION AND SERVICES	-	339.1	338.3	348.0	338.6	-	-	-	-	-
44	WATER TRANSPORTATION	-	232.4	232.0	248.0	239.8	-	-	-	-	-
47	TRANSPORTATION SERVICES	-	106.7	106.3	100.0	98.8	-	-	-	-	-
48	COMMUNICATION	-	1,087.8	1,078.5	1,017.3	1,015.5	-	859.0	849.8	799.4	796.9
481	Telephone communication.....	-	905.1	896.2	845.1	843.8	-	725.2	715.8	670.6	669.8
482	Telegraph communication ³	-	31.8	31.2	32.4	32.9	-	22.2	21.7	22.8	23.0
483	Radio and television broadcasting.....	-	134.1	134.5	125.2	124.5	-	105.7	106.4	100.8	99.0
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	661.8	662.6	635.5	651.5	-	567.5	569.3	548.8	563.1
491	Electric companies and systems.....	-	276.1	275.4	269.1	266.2	-	235.3	234.8	229.9	227.3
492	Gas companies and systems.....	-	154.2	156.0	157.8	157.4	-	130.6	132.8	134.8	134.3
493	Combination companies and systems.....	-	183.7	183.6	162.0	181.7	-	160.0	159.8	143.0	160.8
494-7	Water, steam, & sanitary systems.....	-	47.8	47.6	46.6	46.2	-	41.6	41.9	41.1	40.7
-	WHOLESALE AND RETAIL TRADE	15,655	15,077	14,847	15,113	14,536	14,013	13,447	13,216	13,542	12,972
50	WHOLESALE TRADE	3,875	3,851	3,834	3,715	3,702	3,262	3,241	3,224	3,130	3,121
501	Motor vehicles & automotive equipment.....	-	312.2	312.3	295.9	294.5	-	256.8	256.8	245.3	244.3
502	Drugs, chemicals, and allied products.....	-	240.3	238.3	227.8	227.9	-	197.1	193.7	189.4	189.5
503	Dry goods and apparel.....	-	153.4	152.2	149.1	150.9	-	121.9	120.5	120.7	122.6
504	Groceries and related products.....	-	566.8	566.3	555.1	553.9	-	496.5	496.8	487.8	486.1
506	Electrical goods.....	-	312.9	308.6	299.8	297.3	-	261.5	258.0	245.8	243.7
507	Hardware; plumbing & heating equipment.....	-	171.9	171.7	166.6	166.6	-	145.7	145.4	141.0	140.7
508	Machinery, equipment, and supplies.....	-	752.7	747.7	718.9	713.9	-	639.4	634.8	608.0	605.3
509	Miscellaneous wholesalers.....	-	1,251.5	1,247.8	1,205.8	1,200.2	-	1,046.9	1,043.4	1,010.4	1,006.2
52-59	RETAIL TRADE	11,780	11,226	11,013	11,398	10,834	10,751	10,206	9,992	10,412	9,851
53	RETAIL GENERAL MERCHANDISE	-	2,508.4	2,337.9	2,752.3	2,385.8	-	2,316.9	2,147.7	2,571.7	2,206.9
531	Department stores.....	-	1,655.9	1,532.4	1,835.1	1,567.1	-	1,533.9	1,410.8	1,716.1	1,450.2
532	Mail order houses.....	-	153.9	136.9	159.9	154.0	-	145.0	128.0	151.6	145.2
533	Variety stores.....	-	356.4	339.4	389.6	338.7	-	329.3	313.2	369.2	318.0
54	FOOD STORES	-	1,734.4	1,720.2	1,692.9	1,670.5	-	1,617.1	1,601.8	1,582.8	1,559.6
541-3	Grocery, meat, and vegetable stores.....	-	1,561.4	1,550.6	1,520.1	1,501.8	-	1,455.5	1,443.5	1,423.3	1,404.2

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES....	-	725.5	702.0	824.8	720.2	-	655.4	631.7	753.0	649.4
561	Men's & boys' clothing & furnishings....	-	130.4	123.2	151.5	123.5	-	117.2	110.2	138.4	110.9
562	Women's ready-to-wear stores.....	-	271.3	263.7	302.9	267.6	-	245.6	237.7	276.3	241.6
565	Family clothing stores.....	-	111.0	106.8	138.5	114.5	-	103.9	99.4	131.1	107.3
566	Shoe stores.....	-	136.8	134.2	150.6	139.5	-	121.3	118.9	134.3	122.8
57	FURNITURE AND HOME FURNISHINGS STORES	-	450.7	444.7	453.9	442.7	-	394.8	389.1	400.1	388.7
571	Furniture and home furnishings.....	-	288.3	285.2	291.5	284.2	-	251.3	248.3	256.3	248.9
58	EATING AND DRINKING PLACES.....	-	2,429.4	2,464.1	2,306.8	2,316.2	-	2,272.3	2,305.2	2,155.0	2,165.1
52,55,59	OTHER RETAIL TRADE.....	-	3,377.2	3,344.3	3,367.3	3,298.5	-	2,949.0	2,916.9	2,949.7	2,880.9
52	Building materials and farm equipment...	-	552.5	551.9	542.1	540.8	-	474.2	474.9	466.6	465.4
55	Automotive dealers & service stations...	-	1,612.5	1,602.1	1,567.6	1,566.5	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	776.7	775.9	760.4	757.4	-	657.7	657.1	644.7	640.6
553,9	Other automotive & accessory dealers...	-	228.4	225.6	232.4	220.8	-	197.1	194.1	193.7	191.0
554	Gasoline service stations.....	-	607.4	600.6	583.8	588.3	-	-	-	-	-
59	Miscellaneous retail stores.....	-	1,212.2	1,190.3	1,257.6	1,191.2	-	-	-	-	-
591	Drug stores and proprietary stores.....	-	434.2	431.7	454.3	436.9	-	387.6	386.0	411.1	394.5
594	Book and stationery stores.....	-	62.9	62.7	63.8	61.5	-	54.4	54.1	55.8	53.2
596	Farm and garden supply stores.....	-	107.5	107.1	104.1	104.2	-	-	-	-	-
598	Fuel and ice dealers.....	-	112.4	107.4	115.8	111.6	-	97.5	93.2	100.6	97.0
FINANCE, INSURANCE, AND REAL ESTATE⁴											
		3,601	3,596	3,591	3,449	3,439	2,861	2,855	2,852	2,740	2,735
60	Banking.....	-	1,006.5	999.8	939.3	934.3	-	834.1	829.4	780.0	775.4
61	Credit agencies other than banks.....	-	364.8	363.6	354.9	352.6	-	283.4	283.9	276.8	275.1
612	Savings and loan associations.....	-	105.5	105.8	101.2	100.4	-	84.1	84.4	80.5	79.8
614	Personal credit institutions.....	-	192.9	192.7	191.4	190.3	-	-	-	-	-
62	Security, commodity brokers & services....	-	205.0	208.7	208.0	205.3	-	178.9	182.8	184.3	182.3
63	Insurance carriers.....	-	1,033.0	1,032.2	997.5	995.8	-	726.8	723.3	697.7	697.4
631	Life insurance.....	-	532.0	533.8	519.0	518.2	-	316.8	315.6	304.3	304.1
632	Accident and health insurance.....	-	89.0	88.1	83.9	83.5	-	76.8	75.8	72.5	72.2
633	Fire, marine, and casualty insurance.....	-	366.3	364.6	350.0	349.5	-	294.9	293.6	283.7	284.0
64	Insurance agents, brokers, and service....	-	274.4	273.1	259.6	259.8	-	-	-	-	-
65	Real estate.....	-	632.2	633.6	610.4	613.3	-	-	-	-	-
655	Subdividers and developers.....	-	82.8	84.3	74.9	77.3	-	-	-	-	-
656	Operative builders.....	-	43.8	44.7	43.5	43.8	-	-	-	-	-
66,67	Other finance, insurance, & real estate....	-	80.0	79.9	78.9	78.3	-	-	-	-	-
SERVICES											
		11,220	11,231	11,255	10,773	10,755					
70	Hotels and other lodging places.....	690.3	696.7	718.8	675.3	678.7	-	-	-	-	-
701	Hotels, tourist courts, and motels.....	-	643.7	659.2	618.7	624.7	-	594.5	611.2	573.7	579.8
72	Personal services.....	1,018.7	1,026.1	1,028.0	1,037.0	1,034.6	-	-	-	-	-
721	Laundries and dry cleaning plants.....	-	528.7	532.2	539.0	542.5	-	481.0	484.1	490.2	493.4
722	Photographic studios.....	-	45.2	45.1	44.2	44.0	-	39.7	38.7	39.3	38.7
73	Miscellaneous business services.....	-	1,517.5	1,518.9	1,442.9	1,428.7	-	-	-	-	-
731	Advertising.....	-	119.9	119.2	117.4	117.7	-	-	-	-	-
732	Credit reporting and collection.....	-	75.7	75.1	73.4	73.5	-	-	-	-	-
734	Services to buildings.....	-	264.6	264.4	244.7	243.7	-	-	-	-	-
76	Miscellaneous repair services.....	-	186.2	187.2	177.1	174.9	-	-	-	-	-
78	Motion pictures.....	-	207.0	210.0	198.3	201.6	-	-	-	-	-
781	Motion picture filming & distributing.....	-	51.7	51.1	57.6	56.9	-	33.8	34.2	36.3	35.8
782,3	Motion picture theaters and services.....	-	155.3	158.9	140.7	144.7	-	-	-	-	-
80	Medical and other health services.....	2,949.1	2,935.7	2,913.7	2,728.9	2,720.6	-	-	-	-	-
806	Hospitals.....	-	1,809.9	1,795.5	1,701.0	1,696.5	-	-	-	-	-
81	Legal services.....	-	227.5	226.0	212.9	212.2	-	-	-	-	-
82	Educational services.....	1,175.8	1,174.4	1,155.4	1,144.3	1,145.4	-	-	-	-	-
821	Elementary and secondary schools.....	-	395.6	389.0	384.8	385.3	-	-	-	-	-
822	Colleges and universities.....	-	682.8	673.2	664.7	666.2	-	-	-	-	-
89	Miscellaneous services.....	-	621.1	619.1	585.2	581.6	-	-	-	-	-
891	Engineering & architectural services....	-	299.4	300.0	290.7	289.7	-	-	-	-	-
892	Nonprofit research agencies.....	-	95.0	93.3	93.8	93.7	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	GOVERNMENT	12,579	12,514	12,409	12,226	12,109					
91	FEDERAL GOVERNMENT ⁵	2,749	2,705	2,715	2,769	2,703					
	Executive	-	2,669.2	2,679.6	2,734.3	2,667.6	-	-	-	-	-
	Department of Defense	-	1,091.0	1,102.8	1,090.6	1,093.1	-	-	-	-	-
	Post Office Department	-	726.1	725.5	795.4	721.8	-	-	-	-	-
	Other agencies	-	852.1	851.3	848.3	852.7	-	-	-	-	-
	Legislative	-	28.7	29.0	28.0	28.2	-	-	-	-	-
	Judicial	-	6.7	6.7	6.6	6.7	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	9,830	9,809	9,694	9,457	9,406					
92	State government	-	2,650.4	2,610.9	2,538.4	2,555.6	-	-	-	-	-
	State education	-	1,155.8	1,116.1	1,049.1	1,065.4	-	-	-	-	-
	Other State government	-	1,494.6	1,494.8	1,489.3	1,490.2	-	-	-	-	-
93	Local government	-	7,158.2	7,083.0	6,918.2	6,850.0	-	-	-	-	-
	Local education	-	4,101.5	4,038.3	3,975.9	3,913.4	-	-	-	-	-
	Other local government	-	3,056.7	3,044.7	2,942.3	2,936.6	-	-	-	-	-

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

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. Beginning January 1969, federal employment includes approximately 39,000 civilian technicians of the National Guard who were transferred from State to federal status in accordance with Public Law 90-486.

*Not available.

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

1957=59=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.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.4	107.4	136.6
1966.....	121.8	81.4	113.4	115.8	101.8	121.3	118.7	122.2	122.5	138.5	137.5	115.8	146.1
1967.....	125.4	79.6	111.1	117.2	104.5	124.6	121.7	125.6	127.5	146.5	145.3	122.8	154.1
1968.....	129.2	79.2	113.2	119.1	105.8	128.9	124.9	130.4	133.7	153.6	151.0	123.6	161.7
1969.....	133.5	81.6	118.1	121.2	109.2	134.1	130.1	135.5	140.6	161.0	155.8	124.5	168.2
1968: December..	131.1	80.9	115.3	120.2	107.0	130.7	127.0	132.0	136.9	157.2	153.4	123.0	165.3
1969: January..	131.8	81.3	115.6	120.5	106.8	132.0	127.8	133.5	137.9	158.1	154.0	124.7	165.5
February.....	132.3	81.6	116.6	120.9	107.3	132.5	128.2	134.0	138.4	159.1	154.5	125.0	166.1
March.....	132.7	81.3	116.9	121.2	107.9	132.8	128.7	134.4	138.9	160.0	154.6	124.6	166.4
April.....	132.9	81.0	116.5	121.2	108.9	133.1	129.0	134.5	139.6	160.2	154.8	124.6	166.7
May.....	133.3	80.8	118.0	121.2	109.0	133.8	129.8	135.2	140.0	160.5	155.6	124.4	167.8
June.....	133.8	80.8	120.1	121.7	109.6	134.3	130.3	135.7	140.6	160.5	156.2	126.0	168.1
July.....	133.7	81.7	118.9	121.5	110.0	134.3	130.3	135.8	141.0	160.5	155.9	125.4	167.9
August.....	134.2	81.9	118.1	122.5	110.0	134.6	130.4	136.1	141.5	161.3	156.0	124.3	168.4
September.....	134.0	81.9	118.5	121.7	109.9	134.7	130.8	136.2	141.7	161.7	155.6	124.2	168.0
October.....	134.5	81.9	118.4	121.4	109.9	135.6	131.5	137.1	142.1	163.1	157.0	123.3	170.3
November.....	134.5	82.1	119.8	120.6	110.1	135.7	131.8	137.1	142.7	163.4	157.5	122.9	171.1
December.....	134.5	82.6	119.4	120.4	110.2	135.4	132.5	136.4	142.9	163.7	157.9	122.5	171.8

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.

Data for the 2 most recent months are preliminary and 1969 averages are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
TOTAL	70,639	70,653	70,651	70,390	70,500	70,247	70,300	70,013	69,789	69,710	69,487	69,199	68,875
MINING	636	632	631	631	631	629	622	622	624	626	628	626	623
CONTRACT CONSTRUCTION	3,446	3,460	3,418	3,420	3,410	3,434	3,466	3,407	3,363	3,374	3,366	3,338	3,330
MANUFACTURING	19,988	20,018	20,156	20,197	20,334	20,164	20,198	20,118	20,111	20,122	20,061	19,999	19,958
DURABLE GOODS	11,732	11,758	11,932	11,965	12,081	11,912	11,931	11,874	11,868	11,881	11,839	11,819	11,744
Ordnance and accessories	298	304	306	314	325	332	337	342	343	346	346	349	351
Lumber and wood products	590	590	589	595	598	600	607	610	604	608	607	606	603
Furniture and fixtures	488	487	491	492	493	491	496	496	496	494	494	490	485
Stone, clay, and glass products	665	664	662	660	659	658	662	656	658	664	666	664	658
Primary metal industries	1,369	1,379	1,381	1,378	1,361	1,348	1,347	1,333	1,326	1,332	1,330	1,321	1,313
Fabricated metal products	1,460	1,457	1,456	1,468	1,465	1,456	1,456	1,453	1,450	1,451	1,444	1,437	1,426
Machinery, except electrical	2,023	2,015	2,030	2,020	2,005	2,007	2,010	1,999	1,999	1,993	1,997	1,981	1,971
Electrical equipment	1,954	1,956	2,076	2,075	2,076	2,070	2,063	2,058	2,046	2,036	2,026	2,013	1,996
Transportation equipment	1,965	1,997	2,030	2,054	2,183	2,032	2,035	2,009	2,029	2,042	2,020	2,045	2,031
Instruments and related products	465	469	469	469	473	471	473	474	472	470	468	466	465
Miscellaneous manufacturing	455	440	442	440	443	447	445	444	445	445	441	447	445
NONDURABLE GOODS	8,256	8,260	8,224	8,232	8,253	8,252	8,267	8,244	8,243	8,241	8,222	8,180	8,214
Food and kindred products	1,787	1,806	1,777	1,791	1,797	1,787	1,789	1,793	1,795	1,793	1,801	1,792	1,789
Tobacco manufactures	77	78	78	80	83	81	81	82	81	83	82	84	81
Textile mill products	982	979	977	979	979	988	990	987	991	995	999	1,000	998
Apparel and other textile products	1,417	1,408	1,410	1,412	1,414	1,423	1,429	1,426	1,425	1,417	1,409	1,424	1,412
Paper and allied products	722	722	720	718	718	716	717	714	710	714	713	709	706
Printing and publishing	1,100	1,103	1,099	1,093	1,089	1,084	1,083	1,075	1,078	1,078	1,077	1,076	1,074
Chemicals and allied products	1,056	1,054	1,050	1,051	1,052	1,054	1,055	1,046	1,044	1,045	1,044	1,040	1,040
Petroleum and coal products	194	192	191	189	190	191	191	190	190	187	170	128	189
Rubber and plastics products, nec	580	580	583	583	586	585	584	581	579	579	577	573	571
Leather and leather products	341	338	339	336	345	343	348	350	350	350	350	354	354
TRANSPORTATION AND PUBLIC UTILITIES	4,493	4,488	4,480	4,480	4,484	4,483	4,467	4,444	4,439	4,399	4,373	4,353	4,360
WHOLESALE AND RETAIL TRADE	14,785	14,823	14,809	14,716	14,702	14,671	14,665	14,609	14,533	14,508	14,468	14,412	14,271
WHOLESALE TRADE	3,837	3,817	3,807	3,787	3,776	3,773	3,774	3,758	3,737	3,726	3,714	3,701	3,678
RETAIL TRADE	10,948	11,006	11,002	10,929	10,926	10,898	10,891	10,851	10,796	10,782	10,754	10,711	10,593
FINANCE, INSURANCE, AND REAL ESTATE	3,615	3,610	3,595	3,586	3,581	3,568	3,557	3,541	3,531	3,515	3,502	3,490	3,463
SERVICES	11,288	11,265	11,244	11,150	11,120	11,067	11,066	11,065	11,044	11,034	10,967	10,900	10,838
Hotels and other lodging places	745	743	740	721	704	706	724	730	741	745	733	733	729
Personal services	1,014	1,022	1,025	1,026	1,026	1,030	1,026	1,025	1,024	1,026	1,027	1,028	1,032
Medical and other health services	2,958	2,936	2,917	2,897	2,874	2,861	2,850	2,831	2,813	2,795	2,778	2,762	2,737
Educational services	1,126	1,117	1,113	1,092	1,094	1,099	1,102	1,120	1,119	1,117	1,112	1,090	1,096
GOVERNMENT	12,388	12,357	12,318	12,210	12,238	12,231	12,259	12,207	12,144	12,132	12,122	12,081	12,032
FEDERAL	2,713	2,721	2,729	2,749	2,752	2,777	2,790	2,754	2,758	2,759	2,767	2,760	2,724
STATE AND LOCAL	9,675	9,636	9,589	9,461	9,486	9,454	9,469	9,453	9,386	9,373	9,355	9,321	9,308

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Major industry group	1969												1968
	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.
TOTAL	17,982	18,003	18,094	18,137	18,267	18,142	18,203	18,092	18,054	18,101	18,063	17,993	17,928
MINING	486	483	482	484	483	481	473	474	476	477	480	477	475
CONTRACT CONSTRUCTION	2,914	2,917	2,880	2,881	2,862	2,889	2,919	2,878	2,839	2,853	2,852	2,832	2,818
MANUFACTURING	14,582	14,603	14,732	14,772	14,922	14,772	14,811	14,740	14,739	14,771	14,731	14,684	14,635
DURABLE GOODS	8,491	8,509	8,674	8,701	8,823	8,668	8,687	8,630	8,634	8,654	8,628	8,606	8,536
Ordnance and accessories	160	167	168	173	181	187	188	192	193	197	195	196	195
Lumber and wood products	510	510	509	516	518	520	528	530	525	528	527	528	524
Furniture and fixtures	405	404	408	408	410	408	411	412	413	410	410	407	402
Stone, clay, and glass products	531	530	531	529	527	526	532	526	529	535	537	534	530
Primary metal industries	1,097	1,105	1,109	1,106	1,087	1,077	1,076	1,062	1,057	1,063	1,058	1,051	1,044
Fabricated metal products	1,122	1,117	1,117	1,127	1,128	1,122	1,122	1,121	1,118	1,121	1,115	1,109	1,100
Machinery, except electrical	1,379	1,374	1,387	1,380	1,366	1,369	1,377	1,366	1,370	1,363	1,370	1,359	1,346
Electrical equipment and supplies	1,272	1,276	1,389	1,383	1,387	1,388	1,379	1,381	1,369	1,364	1,355	1,344	1,330
Transportation equipment	1,373	1,398	1,423	1,447	1,582	1,430	1,434	1,399	1,420	1,432	1,426	1,439	1,427
Instruments and related products	285	287	288	289	292	291	292	294	292	292	289	288	287
Miscellaneous manufacturing industries	357	341	345	343	345	350	348	347	348	349	346	351	351
NONDURABLE GOODS	6,091	6,094	6,058	6,071	6,099	6,104	6,124	6,110	6,105	6,117	6,103	6,078	6,099
Food and kindred products	1,200	1,215	1,185	1,199	1,204	1,197	1,201	1,206	1,205	1,208	1,215	1,205	1,202
Tobacco manufactures	64	65	65	67	70	68	69	69	68	69	69	71	69
Textile mill products	863	862	860	862	863	873	873	871	875	880	883	885	883
Apparel and other textile products	1,245	1,237	1,238	1,239	1,242	1,248	1,255	1,255	1,252	1,246	1,238	1,254	1,243
Paper and allied products	559	558	557	557	557	555	556	554	549	555	555	550	549
Printing and publishing	684	684	683	678	676	675	674	669	672	673	672	673	671
Chemicals and allied products	619	617	613	614	619	620	623	617	617	620	620	617	617
Petroleum and coal products	120	119	118	117	118	119	119	118	118	116	101	73	119
Rubber and plastics products, nec	446	448	450	451	454	455	455	451	449	449	448	444	441
Leather and leather products	291	289	289	287	296	294	299	300	300	301	302	306	305

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

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
1	ALABAMA	990.5	989.8	969.4	8.0	8.1	8.0	54.6	56.4	53.4	316.2	316.3	308.0
2	Birmingham	256.1	256.0	247.6	5.6	5.6	5.5	15.3	16.0	15.0	71.0	71.1	66.5
3	Huntsville	76.1	76.1	76.1	(1)	(1)	(1)	2.9	3.1	3.1	12.1	11.9	11.7
4	Mobile	106.2	105.2	102.9	(1)	(1)	(1)	6.6	6.8	6.5	25.7	25.3	23.7
5	Montgomery	68.5	68.6	67.2	(1)	(1)	(1)	5.1	5.3	4.9	10.4	10.4	10.1
6	Tuscaloosa	36.9	37.0	36.0	(1)	(1)	(1)	2.5	2.6	2.2	10.1	10.2	9.9
7	ALASKA	83.8	87.6	78.9	3.4	3.5	2.9	6.8	9.2	5.6	4.7	5.8	5.4
8	ARIZONA	532.7	525.1	491.4	18.8	18.4	17.2	34.1	33.8	28.8	96.0	95.7	89.2
9	Phoenix	318.4	314.8	293.2	.2	.2	.1	19.3	19.1	16.0	76.4	76.3	70.6
10	Tucson	101.7	99.5	92.8	5.6	5.5	5.1	9.4	9.6	8.1	8.8	8.7	7.6
11	ARKANSAS	532.2	536.4	516.8	4.6	4.8	4.8	34.0	35.6	30.9	165.2	167.2	161.1
12	Fayetteville ²	25.3	25.5	24.3	(1)	(1)	(1)	1.3	1.3	1.2	7.3	7.6	7.0
13	Fort Smith	43.2	43.3	42.9	.5	.5	.5	1.5	1.6	2.0	16.2	16.5	15.9
14	Little Rock-North Little Rock	121.0	121.2	116.9	(1)	(1)	(1)	8.4	8.8	7.8	27.8	27.7	25.3
15	Pine Bluff ²	24.9	24.9	24.9	(1)	(1)	(1)	1.2	1.3	1.6	5.8	5.8	5.8
16	CALIFORNIA ²	7,009.9	7,011.4	6,778.1	32.4	32.7	32.9	311.8	315.7	291.7	1,644.5	1,669.1	1,653.1
17	Anaheim-Santa Ana-Garden Grove	411.0	408.9	390.1	2.0	2.0	2.0	22.3	22.4	19.5	125.7	126.7	129.1
18	Bakersfield	92.4	92.2	89.4	7.0	7.1	7.0	5.8	6.0	5.7	8.6	8.7	8.0
19	Fresno	118.2	120.2	114.0	.7	.7	.6	5.1	5.4	4.9	18.4	19.4	18.3
20	Los Angeles-Long Beach	2,933.4	2,919.3	2,854.6	11.8	11.9	12.0	108.0	108.4	102.8	875.0	878.8	886.8
21	Modesto-Turlock	54.9	56.3	53.0	.1	.1	.1	3.2	3.2	3.1	13.9	15.0	13.5
22	Oxnard-Ventura	89.8	90.6	87.3	1.8	1.8	1.9	4.2	4.3	3.4	14.7	15.2	15.2
23	Sacramento	258.4	260.4	253.7	.3	.3	.3	11.1	11.6	10.5	22.2	23.7	24.1
24	Salinas-Monterey	63.0	63.4	60.9	.4	.4	.4	2.7	2.7	2.6	8.0	8.1	7.2
25	San Bernardino-Riverside-Ontario	291.6	289.7	279.6	2.2	2.2	2.3	14.4	14.3	12.9	52.8	54.4	52.1
26	San Diego	380.3	379.1	355.2	.5	.5	.5	21.7	21.7	18.8	70.1	69.9	67.3
27	San Francisco-Oakland	1,274.5	1,276.2	1,235.9	1.9	1.9	1.9	65.2	65.9	62.2	206.1	211.1	205.7
28	San Jose	369.4	371.4	358.9	.1	.1	.1	17.6	18.2	17.6	122.1	126.4	123.2
29	Santa Barbara	81.6	81.4	78.0	1.0	1.0	.9	4.7	4.7	4.2	10.8	11.1	10.4
30	Santa Rosa	50.2	50.3	46.7	.4	.4	.3	2.9	3.1	2.3	7.4	7.6	7.1
31	Stockton	86.9	89.5	84.5	.1	.1	.1	3.1	3.3	3.1	16.3	17.2	15.4
32	Vallejo-Napa	67.4	68.6	67.2	.2	.2	.2	2.4	2.6	2.4	6.7	7.6	7.2
33	COLORADO	(*)	(*)	701.6	(*)	(*)	13.1	(*)	(*)	36.2	(*)	(*)	110.5
34	Denver	(*)	(*)	446.7	(*)	(*)	4.1	(*)	(*)	24.9	(*)	(*)	78.5
35	CONNECTICUT	1,187.7	1,179.3	1,177.3	(3)	(3)	(3)	55.8	57.6	55.0	467.7	464.5	475.9
36	Bridgeport	147.3	150.0	152.5	(3)	(3)	(3)	5.8	6.0	6.0	70.7	73.8	77.5
37	Hartford	320.1	316.8	314.7	(3)	(3)	(3)	15.3	15.6	14.8	106.7	104.4	110.2
38	New Britain	47.2	47.0	47.2	(3)	(3)	(3)	1.9	2.0	2.1	24.8	24.6	25.5
39	New Haven	153.2	151.8	152.9	(3)	(3)	(3)	7.5	7.8	7.2	43.1	42.1	46.0
40	Stamford	79.2	79.6	77.4	(3)	(3)	(3)	4.1	4.2	4.1	26.9	27.4	27.3
41	Waterbury	80.4	80.1	79.3	(3)	(3)	(3)	3.7	3.7	3.7	39.4	39.5	41.1
42	DELAWARE	212.0	211.4	209.0	(1)	(1)	(1)	15.6	15.6	15.3	73.4	74.1	73.6
43	Wilmington	184.8	184.1	185.5	(1)	(1)	(1)	12.3	12.2	11.9	69.2	69.5	69.3
44	DISTRICT OF COLUMBIA ⁴	(*)	681.3	676.0	(*)	(1)	(1)	(*)	18.5	19.0	(*)	20.3	20.2
45	Washington SMSA	(*)	1,106.5	1,083.5	(*)	(1)	(1)	(*)	61.2	59.8	(*)	43.3	43.4
46	FLORIDA	2,064.3	2,028.3	1,983.9	8.3	8.4	8.3	168.2	170.3	149.1	317.5	307.1	313.9
47	Fort Lauderdale-Hollywood	157.1	153.2	144.2	(1)	(1)	(1)	21.9	22.0	19.2	20.1	20.0	19.1
48	Jacksonville	188.1	187.5	184.3	(1)	(1)	(1)	11.2	11.3	11.1	24.5	24.7	23.7
49	Miami	467.3	463.4	453.1	(1)	(1)	(1)	28.9	29.0	28.8	75.6	74.7	72.5
50	Orlando	134.7	132.6	126.5	(1)	(1)	(1)	12.7	12.5	10.9	21.9	21.7	21.7
51	Pensacola	66.8	66.9	64.9	(1)	(1)	(1)	5.5	5.4	5.2	14.3	14.3	14.1
52	Tampa-St. Petersburg	292.9	289.1	282.6	(1)	(1)	(1)	21.2	21.6	21.1	54.1	52.9	52.1
53	West Palm Beach	104.4	101.4	96.3	(1)	(1)	(1)	10.5	10.5	8.8	20.3	19.7	17.9
54	GEORGIA	1,515.4	1,508.0	1,463.0	6.9	6.9	6.7	79.5	81.3	77.4	472.0	470.9	457.9
55	Atlanta	598.3	591.7	568.7	(*)	(*)	(*)	34.3	35.5	35.8	131.1	129.6	121.1

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	
55.2	55.1	54.1	187.8	185.8	183.2	40.8	40.6	40.1	128.8	129.2	126.2	199.1	198.3	196.4	1
19.3	19.4	18.6	58.5	57.7	57.9	17.2	17.1	17.0	35.3	35.3	33.8	33.9	33.8	33.3	2
1.7	1.7	1.7	11.4	11.3	11.3	1.8	1.8	1.9	16.7	16.7	17.7	29.5	29.6	28.7	3
10.1	9.7	9.8	25.3	25.1	25.3	4.8	4.7	4.6	16.8	16.8	15.9	16.9	16.8	17.1	4
4.5	4.5	4.5	16.3	16.1	16.4	4.3	4.4	4.1	10.2	10.2	10.1	17.7	17.7	17.1	5
1.5	1.5	1.5	5.9	5.8	5.8	1.2	1.2	1.2	3.3	3.3	3.3	12.4	12.4	12.1	6
7.7	8.1	7.5	14.4	14.1	13.1	2.7	2.8	2.5	10.7	10.7	9.4	33.4	33.4	32.5	7
29.0	28.6	27.6	122.4	120.0	111.0	28.3	27.8	24.9	88.3	86.7	79.8	115.8	114.1	112.9	8
16.8	16.6	16.1	78.3	77.1	71.1	21.0	20.7	18.3	51.8	50.7	47.5	54.6	54.1	53.5	9
5.6	5.6	5.3	22.6	21.9	20.3	4.3	4.2	3.7	18.4	18.0	17.3	27.0	26.0	25.4	10
31.5	32.3	31.1	104.8	104.0	102.8	20.9	20.9	20.2	71.5	72.0	68.1	99.7	99.6	97.8	11
2.3	2.2	2.0	4.9	4.8	4.7	.6	.6	.6	3.2	3.3	3.1	5.7	5.7	5.7	12
2.5	2.5	2.5	9.0	8.7	8.7	1.4	1.4	1.4	6.4	6.4	6.2	5.7	5.7	5.7	13
9.6	9.6	9.2	25.4	25.2	25.8	8.9	8.8	8.4	17.5	17.7	17.4	23.4	23.4	23.0	14
3.2	3.2	3.1	4.6	4.5	4.7	.9	.9	.9	3.3	3.3	3.1	5.9	5.9	5.7	15
465.7	467.7	452.2	1,536.2	1,516.3	1,462.7	370.8	370.1	352.2	1,237.0	1,236.7	1,167.8	1,411.5	1,403.1	1,365.5	16
13.3	13.2	12.3	96.4	94.8	87.6	19.6	19.4	17.7	65.5	65.0	60.2	66.2	65.4	61.7	17
6.5	6.4	6.1	20.4	20.0	19.6	3.5	3.5	3.2	14.9	15.0	14.5	25.7	25.5	25.3	18
8.1	7.9	8.2	30.5	31.7	29.5	5.4	5.4	5.4	21.7	21.8	20.2	28.3	27.9	26.9	19
178.4	178.1	172.9	646.3	634.4	618.5	164.6	164.3	156.9	534.5	532.9	506.8	414.8	410.5	397.9	20
3.0	3.1	2.9	12.1	12.0	11.6	1.5	1.5	1.4	9.8	10.1	9.4	11.3	11.3	11.0	21
4.1	4.0	3.8	19.1	19.4	18.3	3.1	3.1	3.0	14.0	14.2	13.1	28.8	28.6	28.6	22
18.0	18.3	17.9	54.6	54.2	52.4	10.3	10.4	10.3	35.7	36.3	34.2	106.2	105.6	104.0	23
4.0	4.1	4.0	16.8	16.6	16.8	2.4	2.4	2.3	11.5	12.0	10.9	17.2	17.1	16.7	24
17.5	17.4	17.2	65.1	64.2	61.3	9.9	9.9	9.7	54.3	53.7	51.0	75.4	73.6	73.1	25
19.9	19.8	19.1	83.2	82.7	75.3	17.7	17.6	16.2	69.7	69.8	65.0	97.5	97.1	93.0	26
136.4	137.5	133.6	276.1	270.3	263.8	97.1	96.8	92.5	218.2	219.5	207.5	273.5	273.2	268.7	27
16.0	16.1	14.9	69.9	68.3	66.3	13.0	13.0	12.4	72.2	71.9	68.6	58.5	57.4	55.8	28
3.6	3.6	3.4	17.1	16.7	17.2	3.1	3.1	2.8	19.6	19.8	18.7	21.7	21.4	20.4	29
2.7	2.8	2.5	11.8	11.8	11.3	3.2	3.2	2.9	8.6	8.6	7.9	13.2	12.8	12.4	30
6.3	6.6	6.8	19.7	20.8	19.1	3.0	3.0	2.9	14.3	14.5	13.0	24.2	24.1	24.1	31
3.6	3.7	3.7	11.6	11.5	11.3	1.9	1.9	1.8	10.5	10.3	10.0	30.5	30.8	30.6	32
(*)	(*)	49.3	(*)	(*)	166.3	(*)	(*)	35.6	(*)	(*)	117.0	(*)	(*)	173.6	33
(*)	(*)	34.4	(*)	(*)	114.2	(*)	(*)	27.0	(*)	(*)	79.1	(*)	(*)	84.5	34
53.0	53.3	51.4	219.9	215.8	213.5	70.0	69.4	69.6	168.9	169.4	166.4	152.5	149.3	145.6	35
6.3	6.3	6.1	27.7	27.0	27.2	4.5	4.5	4.5	19.2	19.2	18.4	13.2	13.1	12.9	36
11.6	11.6	11.3	60.2	59.0	58.5	40.6	40.6	40.4	45.6	45.5	41.1	40.1	40.0	38.5	37
1.8	1.8	1.7	7.7	7.6	7.2	1.2	1.2	1.1	5.3	5.4	5.1	4.6	4.5	4.5	38
13.6	13.6	13.9	31.2	30.7	29.9	8.0	8.0	7.4	31.2	31.3	30.0	18.5	18.3	18.5	39
3.2	3.2	2.9	17.5	17.2	16.6	4.1	4.1	3.9	15.9	16.1	15.5	7.6	7.5	7.3	40
3.2	3.2	3.2	13.7	13.5	11.7	2.0	2.0	1.9	10.0	10.0	9.8	8.4	8.2	8.1	41
10.8	10.8	11.0	43.5	42.8	43.2	8.5	8.5	8.4	29.0	28.9	27.5	31.2	30.7	30.0	42
9.5	9.5	10.9	35.3	34.7	35.8	7.6	7.6	7.5	24.7	24.7	24.6	26.2	25.9	25.5	43
(*)	30.4	30.6	(*)	88.1	89.3	(*)	31.2	31.2	(*)	133.5	130.3	(*)	359.3	355.4	44
(*)	62.7	58.7	(*)	219.9	219.3	(*)	62.3	60.6	(*)	235.1	226.8	(*)	422.0	414.9	45
146.7	148.8	139.7	538.6	518.7	523.4	121.3	121.0	113.1	358.7	352.1	347.5	405.0	401.9	388.9	46
6.8	7.2	6.7	43.1	40.9	40.8	10.4	10.3	9.1	30.3	29.0	27.1	24.5	23.8	22.2	47
19.5	19.3	19.2	53.0	52.4	51.3	17.9	17.9	16.9	27.9	27.8	27.8	34.1	34.1	34.3	48
50.8	52.2	50.7	125.8	123.8	119.8	30.0	29.8	29.0	99.2	97.6	98.2	57.0	56.3	54.1	49
8.2	8.3	7.3	39.8	38.1	37.4	9.1	9.1	8.3	21.8	21.7	20.6	21.2	21.2	20.3	50
3.4	3.4	3.4	14.6	14.4	13.6	2.4	2.4	2.4	8.5	8.8	8.1	18.1	18.2	18.1	51
20.0	20.0	18.7	85.9	83.8	83.0	16.1	16.1	15.6	52.1	51.4	50.0	43.5	43.3	42.1	52
4.6	4.9	4.5	26.6	25.7	25.6	6.6	6.6	6.1	19.6	17.9	17.9	16.2	16.1	15.5	53
107.6	107.0	100.9	322.2	315.6	309.2	71.8	71.5	69.0	171.8	171.8	169.2	283.6	283.0	272.7	54
60.6	60.1	56.3	162.3	157.6	154.2	41.0	40.5	39.1	83.5	83.2	81.3	85.5	85.2	80.9	55

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
GEORGIA (continued)													
1	Augusta	90.0	89.7	89.0	(1)	(1)	(1)	6.8	6.9	6.6	31.0	30.9	30.9
2	Columbus	69.2	68.7	68.6	(1)	(1)	(1)	4.2	4.1	4.0	18.8	18.8	19.1
3	Macon	78.9	78.9	76.2	(1)	(1)	(1)	4.9	4.8	3.5	15.7	15.9	15.3
4	Savannah	67.1	66.7	64.2	(1)	(1)	(1)	3.9	4.0	3.8	17.9	17.6	17.2
HAWAII													
5	Honolulu	273.0	271.1	257.7	(1)	(1)	(1)	21.6	21.5	19.4	22.2	22.3	22.0
6	Honolulu	232.4	230.4	218.4	(1)	(1)	(1)	18.9	18.9	16.7	15.8	15.5	15.5
IDAHO													
7	Boise	201.6	203.4	195.9	3.5	3.5	3.5	9.8	10.6	9.6	41.2	41.2	40.2
8	Boise	38.7	38.8	36.7	(1)	(1)	(1)	2.4	2.5	2.0	4.5	4.5	4.3
ILLINOIS													
9	Chicago ⁵	4,423.9	4,415.4	4,363.1	24.0	24.3	24.3	208.9	216.9	200.8	1,384.3	1,387.8	1,391.4
10	Chicago	(*)	3,048.7	3,017.1	(*)	4.8	5.1	(*)	135.6	129.5	(*)	972.9	977.0
11	Chicago-Northwestern Indiana	(*)	3,269.4	3,227.0	(*)	4.9	5.2	(*)	149.4	142.7	(*)	1,081.0	1,076.7
12	Davenport-Rock Island-Moline	(*)	134.5	134.2	(*)	(3)	(3)	(*)	7.5	7.4	(*)	43.9	45.3
13	Peoria	(*)	134.2	130.5	(*)	(3)	(3)	(*)	8.7	8.2	(*)	50.1	48.6
14	Rockford	(*)	113.1	111.7	(*)	(3)	(3)	(*)	5.5	5.0	(*)	56.7	57.8
INDIANA													
15	Evansville	1,880.2	1,892.1	1,850.8	7.1	7.4	7.6	93.5	95.4	86.3	737.9	752.5	736.6
16	Evansville	87.1	87.2	86.3	1.6	1.6	1.7	4.3	4.4	4.2	33.3	33.4	32.7
17	Fort Wayne	111.9	118.5	113.5	(1)	(1)	(1)	5.3	5.6	4.7	39.0	46.0	44.3
18	Gary-Hammond-East Chicago	220.4	220.3	209.9	(1)	(1)	(1)	13.6	13.8	13.2	107.8	107.5	99.7
19	Indianapolis	426.2	425.7	420.5	(1)	(1)	(1)	20.5	20.8	19.0	137.3	138.4	137.7
20	Muncie	47.9	48.3	46.7	(1)	(1)	(1)	2.1	2.1	2.1	19.3	19.6	18.7
21	South Bend	95.9	95.7	97.5	(1)	(1)	(1)	4.0	4.2	3.8	35.0	34.9	37.1
22	Terre Haute	55.1	55.2	52.9	.9	.9	.8	2.5	2.8	2.2	15.2	15.1	14.0
IOWA													
23	Cedar Rapids	885.6	885.9	871.7	3.6	3.8	3.6	41.6	43.0	42.4	223.3	222.9	224.1
24	Cedar Rapids	68.3	67.8	66.8	(1)	(1)	(1)	2.7	2.7	3.0	28.1	28.1	27.6
25	Des Moines	128.6	128.0	125.5	(1)	(1)	(1)	6.3	6.3	5.9	25.8	26.0	26.3
26	Dubuque	34.1	33.9	32.5	(1)	(1)	(1)	1.5	1.5	1.5	14.0	13.9	13.6
27	Sioux City	41.4	41.7	42.0	(1)	(1)	(1)	2.2	2.2	2.1	9.3	9.4	9.7
28	Waterloo	51.1	51.3	50.9	(1)	(1)	(1)	3.1	3.1	2.6	19.0	19.4	20.4
KANSAS													
29	Topeka	690.5	690.5	681.4	11.6	11.6	11.6	38.1	39.0	34.2	145.9	145.5	147.6
30	Topeka	62.0	61.8	59.5	.1	.1	.1	3.9	3.9	3.2	9.1	9.0	8.6
31	Wichita ²	149.5	149.9	150.8	2.3	2.3	2.4	7.4	7.6	6.9	48.8	48.9	52.2
KENTUCKY													
32	Lexington	881.9	900.4	892.8	26.6	26.5	27.2	51.6	57.2	56.9	233.7	248.1	245.7
33	Lexington	78.2	79.5	77.1	(1)	(1)	(1)	5.3	5.5	4.4	16.3	16.8	17.6
34	Louisville	324.2	336.7	323.1	(1)	(1)	(1)	18.7	19.1	16.3	108.9	123.0	121.4
LOUISIANA													
35	Baton Rouge	1,071.8	1,068.8	1,060.6	52.5	52.6	52.2	90.0	90.6	96.1	185.2	183.6	184.6
36	Baton Rouge	101.5	101.4	105.4	.7	.7	.7	12.6	12.8	16.2	18.0	18.0	18.0
37	Lake Charles	41.3	41.1	41.2	1.2	1.2	1.1	5.5	5.2	6.0	9.3	9.1	8.9
38	Monroe	38.7	38.8	38.4	.4	.4	.4	4.4	4.4	4.3	6.7	6.8	6.7
39	New Orleans	376.4	376.3	373.5	15.1	15.3	14.2	26.2	26.5	25.6	55.1	55.1	58.0
40	Shreveport	95.0	94.4	92.7	4.0	4.0	4.2	7.2	7.2	7.0	17.5	17.4	16.9
MAINE													
41	Lewiston-Auburn	328.2	330.2	328.0	(1)	(1)	(1)	15.2	16.2	15.7	114.6	116.2	118.2
42	Lewiston-Auburn	28.3	28.2	29.5	(1)	(1)	(1)	1.4	1.4	1.4	12.9	12.9	14.4
43	Portland	63.7	64.0	63.6	(1)	(1)	(1)	3.4	3.5	3.5	14.8	15.5	15.5
MARYLAND⁴													
44	Baltimore	1,307.1	1,301.9	1,256.5	1.8	1.8	1.8	85.7	87.7	83.0	283.2	284.6	279.2
45	Baltimore	815.4	810.0	791.3	.3	.3	.3	45.3	46.3	43.1	208.9	208.8	205.0
MASSACHUSETTS													
46	Boston	2,246.7	2,258.7	2,231.5	(1)	(1)	(1)	98.0	100.8	102.4	665.2	683.7	687.7
47	Boston	1,285.8	1,292.3	1,280.8	(1)	(1)	(1)	52.9	54.1	58.2	282.6	295.0	295.6
48	Brockton	50.3	50.3	49.2	-	-	-	2.0	2.0	1.9	17.1	17.1	17.0
49	Fall River	48.2	48.2	47.1	(1)	(1)	(1)	(1)	(1)	(1)	23.4	23.5	22.9
50	Lawrence-Haverhill	80.1	80.7	80.1	(1)	(1)	(1)	2.0	2.1	2.1	38.4	38.4	39.4
51	Lowell	52.1	52.7	51.5	(1)	(1)	(1)	2.1	2.2	2.3	20.0	20.4	19.8
52	New Bedford	55.5	55.1	54.9	(1)	(1)	(1)	1.9	1.9	1.8	26.9	26.7	27.2
53	Springfield-Chicopee-Holyoke	196.7	196.3	195.5	(1)	(1)	(1)	8.4	8.8	8.0	71.6	71.3	73.7
54	Worcester	130.8	130.5	129.5	(1)	(1)	(1)	5.5	5.6	5.6	47.7	47.6	48.2

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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			
Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	
4.3	4.3	4.0	15.6	15.2	15.9	3.3	3.2	3.0	8.7	8.9	8.8	20.3	20.3	19.8	1
3.4	3.4	3.1	13.8	13.4	13.3	3.7	3.7	3.5	8.4	8.4	8.6	16.9	16.9	17.0	2
3.4	3.4	3.4	14.2	14.1	13.9	4.1	4.0	3.7	8.5	8.6	8.6	28.1	28.1	27.8	3
7.0	7.0	6.6	14.8	14.7	13.7	3.1	3.1	2.9	8.5	8.5	8.3	11.9	11.8	11.7	4
22.7	22.9	20.8	64.6	63.0	61.3	16.3	16.2	15.0	53.7	53.9	49.6	71.9	71.3	69.6	5
19.0	19.2	17.5	55.6	54.1	52.6	15.2	15.1	13.8	44.6	44.8	41.1	63.3	62.8	61.2	6
14.0	14.0	13.9	48.3	48.4	47.1	7.7	7.7	7.4	30.6	30.9	29.2	46.5	47.1	45.0	7
3.2	3.2	3.1	11.0	11.0	10.5	2.7	2.7	2.5	6.0	6.0	5.7	8.9	8.9	8.6	8
296.4	295.5	291.0	969.4	952.0	954.1	230.2	229.6	223.1	681.2	683.2	661.5	629.6	626.0	616.9	9
(*)	216.0	212.1	(*)	684.6	687.4	(*)	179.3	175.2	(*)	504.1	488.4	(*)	351.4	342.4	10
(*)	229.4	225.4	(*)	720.6	722.7	(*)	185.1	180.9	(*)	525.9	509.8	(*)	373.1	363.7	11
(*)	7.2	7.1	(*)	30.2	29.7	(*)	5.1	5.1	(*)	18.9	17.7	(*)	21.7	21.9	12
(*)	7.5	7.4	(*)	29.1	28.8	(*)	5.1	5.1	(*)	18.8	18.2	(*)	14.9	14.2	13
(*)	3.7	3.4	(*)	21.1	21.0	(*)	3.1	3.0	(*)	13.8	12.9	(*)	9.4	8.5	14
100.0	99.9	98.8	371.0	366.5	359.4	74.3	74.3	72.6	203.8	203.9	199.0	292.6	292.3	290.4	15
5.1	5.1	5.2	19.2	19.1	19.2	3.3	3.3	3.3	12.3	12.3	12.1	8.0	8.0	7.9	16
8.1	7.9	7.8	27.0	26.7	25.3	6.2	6.2	6.0	15.1	15.0	14.7	11.2	11.1	10.7	17
13.4	13.4	13.3	36.2	36.0	35.3	5.8	5.8	5.7	21.9	22.1	21.4	21.7	21.7	21.3	18
28.3	28.4	27.3	95.4	93.4	94.1	28.5	28.7	28.4	51.4	51.1	49.9	64.8	64.9	64.1	19
2.3	2.4	2.3	8.9	8.9	8.7	1.4	1.4	1.4	5.2	5.2	5.0	8.7	8.7	8.5	20
4.9	4.9	4.7	20.8	20.5	20.3	4.8	4.8	4.8	15.8	15.9	16.1	10.6	10.5	10.7	21
4.2	4.2	4.2	13.2	13.1	12.9	1.8	1.8	1.8	6.3	6.3	6.3	11.0	11.0	10.7	22
51.1	51.3	50.3	210.3	209.1	206.3	40.9	40.8	39.2	143.0	143.0	139.9	171.7	172.0	165.9	23
3.2	3.2	3.2	13.8	13.1	13.2	3.2	3.2	3.1	10.2	10.2	10.0	7.1	7.2	6.7	24
9.6	9.7	9.0	32.2	31.6	32.2	14.9	14.7	13.7	21.6	21.7	20.9	18.1	17.9	17.5	25
1.8	1.8	1.7	7.1	6.9	6.3	.9	.9	.9	6.2	6.3	6.1	2.6	2.6	2.4	26
3.3	3.3	3.3	11.6	11.5	11.8	2.0	2.0	2.0	7.6	7.9	8.1	5.4	5.4	5.2	27
2.4	2.4	2.4	10.2	10.1	9.9	1.4	1.4	1.3	7.1	7.1	7.1	7.8	7.8	7.3	28
51.0	51.9	51.4	159.4	158.3	157.3	29.6	29.6	28.7	101.1	100.9	99.7	153.8	153.7	150.9	29
7.3	7.4	7.4	13.3	13.2	13.0	3.9	3.9	3.6	9.9	9.9	9.5	14.8	14.7	14.3	30
7.6	7.8	7.8	33.5	33.2	33.2	6.5	6.5	6.5	24.4	24.3	23.4	19.2	19.3	18.6	31
59.6	59.4	60.3	184.3	181.7	178.8	33.5	33.5	33.9	124.1	125.4	120.3	168.5	168.6	169.7	32
4.6	4.5	3.9	15.3	15.1	15.8	3.7	3.8	3.4	12.2	13.0	10.9	20.8	20.8	21.1	33
22.5	22.4	22.0	71.5	69.9	66.5	16.6	16.6	16.0	45.8	45.3	44.1	40.3	40.3	36.7	34
97.5	97.4	94.1	232.3	230.1	227.7	47.8	47.9	46.8	148.9	149.5	147.5	217.6	217.1	211.6	35
5.4	5.3	5.2	21.3	21.3	21.7	5.3	5.3	5.2	13.7	13.8	13.6	24.6	24.3	24.8	36
3.2	3.4	3.1	8.2	8.2	8.2	1.5	1.5	1.4	5.4	5.4	5.5	7.0	7.1	7.0	37
2.3	2.4	2.3	9.7	9.6	9.7	2.6	2.6	2.5	5.1	5.1	5.0	7.5	7.5	7.5	38
47.0	47.1	47.6	89.7	89.1	87.9	22.1	22.0	21.8	67.3	67.3	66.1	53.9	54.0	52.3	39
9.4	9.4	9.2	23.6	23.2	23.2	4.5	4.5	4.3	13.6	13.6	13.4	15.1	15.1	14.6	40
17.1	17.2	17.1	63.6	63.1	62.6	11.9	11.9	11.6	40.1	40.6	39.6	65.7	65.0	63.2	41
.9	.9	.9	5.9	5.8	5.8	.9	.9	.9	4.3	4.3	4.2	2.0	2.0	1.9	42
5.1	5.1	5.1	17.2	17.0	16.8	5.4	5.2	5.0	10.3	10.4	10.3	7.5	7.3	7.4	43
79.5	78.8	78.1	305.9	299.8	289.0	68.2	68.4	64.5	232.2	232.1	219.1	250.6	248.7	241.8	44
56.8	56.2	55.9	174.6	170.0	168.9	43.2	43.2	41.4	133.0	132.5	127.6	153.3	152.7	149.1	45
116.3	117.1	113.9	484.6	475.6	475.8	127.4	127.0	121.5	458.2	459.8	439.4	297.0	294.7	290.8	46
74.1	74.7	73.0	294.9	288.5	291.6	91.9	91.9	88.3	315.0	314.7	303.6	174.4	173.4	170.5	47
3.3	3.3	3.2	12.4	12.3	12.1	1.4	1.4	1.3	6.4	6.5	6.1	7.7	7.7	7.6	48
1.8	1.7	1.7	9.5	9.4	9.3	(1)	(1)	(1)	9.2	9.3	8.9	4.3	4.3	4.3	49
2.4	2.4	2.2	15.4	15.1	14.9	2.4	2.4	2.3	9.5	10.1	9.1	10.0	10.2	10.1	50
2.0	2.0	1.9	10.9	10.9	10.7	1.4	1.5	1.4	8.9	8.9	8.7	6.8	6.8	6.7	51
2.6	2.6	2.5	10.1	9.8	9.6	(1)	(1)	(1)	9.4	9.5	9.3	4.6	4.6	4.5	52
8.4	8.2	8.4	39.7	39.4	38.9	9.2	9.2	9.2	34.2	34.3	32.8	25.2	25.1	24.5	53
6.7	6.7	6.5	26.0	25.7	25.4	7.0	7.0	6.6	22.1	22.0	21.6	15.8	15.9	15.6	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
1	MICHIGAN.....	3,130.9	3,115.1	3,065.6	13.0	12.9	12.5	113.3	117.9	122.4	1,182.1	1,184.3	1,174.0
2	Ann Arbor.....	108.7	107.2	104.2	(1)	(1)	(1)	3.1	3.3	2.9	38.7	38.5	38.2
3	Battle Creek.....	60.0	60.1	59.6	(1)	(1)	(1)	2.2	2.3	2.2	26.7	27.0	27.0
4	Bay City.....	31.2	31.4	31.1	(1)	(1)	(1)	1.3	1.4	1.4	12.5	12.8	12.8
5	Detroit.....	1,557.5	1,547.7	1,526.8	1.2	1.1	.9	56.3	58.4	59.5	612.4	613.4	600.6
6	Flint.....	160.9	161.3	165.5	(1)	(1)	(1)	7.0	7.0	7.3	84.1	84.6	90.1
7	Grand Rapids.....	188.4	189.9	187.8	(1)	(1)	(1)	8.8	9.1	9.1	75.5	76.9	77.5
8	Jackson.....	47.5	47.4	46.5	(1)	(1)	(1)	2.2	2.4	2.1	19.7	19.6	19.0
9	Kalamazoo.....	74.2	73.9	72.6	(1)	(1)	(1)	3.5	3.5	3.5	30.1	30.1	29.8
10	Lansing.....	137.6	137.6	133.1	(1)	(1)	(1)	5.6	6.3	6.6	42.1	42.4	39.5
11	Muskegon-Muskegon Heights.....	52.8	52.5	51.9	(1)	(1)	(1)	1.7	1.7	2.1	28.4	28.2	28.0
12	Saginaw.....	75.2	75.0	73.4	(1)	(1)	(1)	3.9	4.1	3.7	33.6	33.5	33.4
13	MINNESOTA.....	1,315.3	1,312.2	1,268.7	15.1	15.5	15.3	68.9	72.5	67.7	321.8	322.1	315.5
14	Duluth-Superior.....	57.0	57.3	56.4	(1)	(1)	(1)	2.8	3.1	2.9	9.8	9.8	9.6
15	Minneapolis-St. Paul.....	781.4	777.4	763.1	(1)	(1)	(1)	39.7	41.0	39.4	215.7	215.3	212.7
16	MISSISSIPPI.....	567.4	570.2	560.2	6.2	6.2	6.2	34.0	36.1	31.5	178.0	178.9	178.7
17	Jackson.....	89.6	90.2	87.5	.8	.8	.8	6.1	6.3	5.7	14.0	14.3	14.1
18	MISSOURI.....	1,665.1	1,660.9	1,649.0	9.1	9.1	8.7	75.1	75.7	71.9	453.6	455.1	463.3
19	Kansas City.....	517.1	515.5	506.9	.6	.6	.6	27.6	27.7	27.9	132.5	132.4	131.7
20	St. Joseph.....	32.9	33.0	31.8	(3)	(3)	(3)	2.5	2.5	1.7	10.0	10.0	9.9
21	St. Louis.....	909.3	909.0	899.6	2.3	2.3	2.3	46.2	46.8	42.8	286.9	290.0	290.8
22	Springfield ²	56.2	57.1	55.9	.1	.1	.1	2.9	3.2	2.8	16.0	16.5	16.9
23	MONTANA ²	197.2	199.8	195.4	6.4	6.5	6.1	11.3	11.7	11.2	24.0	24.3	24.6
24	Billings.....	28.0	28.4	27.6	(1)	(1)	(1)	1.5	1.5	1.4	3.2	3.4	3.3
25	Great Falls ²	24.6	24.7	24.1	(1)	(1)	(1)	2.1	2.1	2.1	2.9	2.9	3.2
26	NEBRASKA.....	481.2	481.8	469.3	1.9	2.0	1.7	25.8	26.0	25.5	88.1	88.2	84.9
27	Lincoln.....	72.9	73.2	68.9	-	-	-	3.7	3.8	3.7	11.3	11.4	10.7
28	Omaha.....	204.1	204.1	198.6	(3)	(3)	(3)	12.4	12.6	10.7	40.1	39.6	38.1
29	NEVADA.....	192.5	193.7	182.1	3.9	3.9	3.8	11.1	11.6	10.2	7.9	7.9	7.3
30	Las Vegas.....	107.8	107.8	99.4	.2	.2	.2	6.8	7.0	5.3	4.1	4.1	3.8
31	Reno.....	52.2	52.6	49.6	.2	.2	.2	3.0	3.0	3.2	2.7	2.7	2.5
32	NEW HAMPSHIRE.....	254.2	258.5	250.9	.3	.3	.3	13.8	14.5	13.0	96.4	96.3	99.0
33	Manchester.....	49.5	49.1	49.2	(1)	(1)	(1)	2.8	2.8	3.0	16.4	16.4	17.4
34	NEW JERSEY.....	2,575.8	2,574.2	2,525.9	2.9	3.2	3.2	117.4	121.5	119.9	893.0	893.4	893.1
35	Atlantic City.....	62.4	64.6	61.3	-	-	-	3.9	3.7	3.4	11.5	11.6	11.0
36	Camden ⁶	246.6	245.7	242.6	.1	.1	.1	14.0	14.2	13.0	73.9	74.1	77.4
37	Jersey City ⁷	268.0	269.3	267.4	-	-	-	8.5	8.8	7.5	111.3	112.8	115.4
38	Newark ⁷	798.1	795.9	781.5	.5	.5	.5	32.6	33.4	32.5	258.7	259.6	258.1
39	Paterson-Clifton-Passaic ⁷	490.6	484.4	482.6	.4	.4	.3	22.5	22.6	22.2	187.9	185.4	190.0
40	Perth Amboy ⁷	262.4	260.5	249.3	.8	.8	.7	13.3	13.5	12.2	110.7	110.9	109.0
41	Trenton.....	132.5	132.5	129.7	(1)	(1)	(1)	3.8	4.0	3.8	42.1	42.2	41.8
42	NEW MEXICO.....	291.2	289.3	281.3	17.4	17.2	16.9	16.8	17.2	17.5	21.1	20.8	19.1
43	Albuquerque.....	107.1	106.6	100.6	(1)	(1)	(1)	7.3	7.3	6.3	9.2	9.1	7.8
44	NEW YORK.....	(*)	7,207.4	7,083.0	(*)	8.6	8.6	(*)	279.1	271.0	(*)	1,895.0	1,911.1
45	Albany-Schenectady-Troy.....	259.9	272.0	272.1	(1)	(1)	(1)	12.9	13.5	13.3	50.4	63.3	64.3
46	Binghamton.....	104.3	104.5	105.6	(1)	(1)	(1)	3.9	4.1	4.8	44.2	44.6	45.4
47	Buffalo.....	512.3	511.2	501.1	(1)	(1)	(1)	22.0	23.4	22.4	179.7	179.6	176.8
48	Elmira.....	39.0	38.2	40.1	(1)	(1)	(1)	1.8	2.0	1.6	15.6	14.6	16.9
49	Monroe County ⁸	308.0	306.2	302.8	(1)	(1)	(1)	13.5	14.5	14.3	136.1	135.7	135.3
50	Nassau and Suffolk Counties ⁹	719.1	716.3	687.5	(1)	(1)	(1)	39.9	40.4	39.1	163.1	162.8	163.6
51	New York-Northeastern New Jersey.....	(*)	6,710.3	6,572.4	(*)	4.9	4.6	(*)	245.6	243.3	(*)	1,772.6	1,793.4
52	New York SMSA ⁷	(*)	4,902.2	4,791.6	(*)	3.2	3.1	(*)	168.2	168.9	(*)	1,106.4	1,120.9
53	New York City ⁹	(*)	3,823.5	3,749.6	(*)	2.5	2.4	(*)	103.6	106.9	(*)	850.4	862.6
54	Rochester.....	349.4	349.8	346.3	(1)	(1)	(1)	15.2	16.6	16.4	151.2	150.9	150.8
55	Rockland County ⁹	56.8	57.2	56.1	(1)	(1)	(1)	3.4	3.6	3.7	14.1	14.2	15.4
56	Syracuse.....	227.3	231.8	227.2	(1)	(1)	(1)	12.5	12.8	12.1	62.7	68.1	68.0
57	Utica-Rome.....	112.8	117.1	115.9	(1)	(1)	(1)	3.7	4.0	3.9	39.6	43.5	44.0
58	Westchester County ⁹	307.8	305.1	298.4	(1)	(1)	(1)	20.2	20.6	19.3	79.4	79.1	79.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	
151.6	152.5	150.3	609.2	589.9	584.8	113.9	114.3	111.1	408.1	408.9	394.9	539.7	534.4	515.5	1
2.7	2.7	2.7	13.6	13.6	12.0	2.2	2.2	2.2	10.3	10.2	9.6	38.0	36.6	36.7	2
2.6	2.6	2.5	9.5	9.3	9.1	3.3	3.3	3.3	7.8	7.8	7.6	8.0	8.0	7.9	3
1.6	1.6	1.6	7.1	6.9	7.0	.7	.7	.7	3.7	3.8	3.7	4.2	4.2	3.9	4
80.0	80.0	80.4	303.3	293.1	292.7	66.0	66.3	64.5	216.3	215.8	214.6	222.1	219.5	213.5	5
6.1	5.8	5.6	23.3	23.0	24.9	4.3	4.3	4.0	16.9	17.1	15.5	19.3	19.4	18.1	6
10.4	10.5	10.1	43.3	42.6	41.0	7.1	7.2	7.2	26.7	26.8	26.2	16.6	16.9	16.7	7
4.3	4.3	4.3	8.7	8.6	8.4	1.4	1.4	1.4	5.0	5.0	5.0	6.2	6.2	6.2	8
2.5	2.5	2.5	13.3	13.2	12.8	2.2	2.2	2.2	9.0	9.0	8.7	13.5	13.4	13.2	9
3.3	3.4	3.4	22.6	21.3	21.5	5.1	5.0	5.2	15.6	16.0	15.1	43.2	43.1	41.8	10
2.7	2.8	2.7	8.3	8.1	7.9	1.3	1.3	1.2	5.4	5.5	5.3	5.1	5.1	4.8	11
4.6	4.6	4.5	13.4	13.3	13.4	2.8	2.7	2.6	8.7	8.7	8.3	8.2	8.0	7.6	12
89.1	89.0	85.3	318.0	314.7	303.8	62.1	62.4	59.8	208.8	207.2	199.9	231.3	228.9	221.4	13
7.3	7.3	7.5	13.8	13.7	13.5	2.0	2.0	2.0	11.2	11.2	11.0	10.3	10.2	9.9	14
56.9	57.1	55.7	187.5	184.9	183.0	44.8	45.0	43.6	133.0	131.8	127.6	103.9	102.4	101.1	15
29.9	30.2	29.1	102.4	101.4	102.0	19.8	19.7	19.5	62.4	62.3	62.6	134.8	135.3	130.7	16
5.4	5.4	5.5	20.5	20.4	19.8	6.8	6.8	6.6	15.6	15.7	15.2	20.4	20.5	19.9	17
125.0	125.8	125.6	369.4	363.0	365.1	87.6	87.7	85.2	255.2	256.4	251.3	290.1	288.1	277.9	18
49.7	50.5	50.5	127.3	125.0	123.6	32.7	32.8	31.3	77.2	77.1	74.4	69.5	69.4	66.9	19
2.1	2.1	2.1	7.8	7.8	7.8	1.3	1.3	1.3	4.7	4.7	4.6	4.5	4.6	4.4	20
68.8	68.8	68.1	188.6	185.1	185.9	46.4	46.2	44.8	148.3	148.9	142.3	121.8	120.9	122.6	21
4.3	4.3	4.2	13.6	13.8	13.2	2.2	2.2	2.3	9.3	9.2	8.7	7.8	7.8	7.7	22
17.3	17.5	17.6	46.5	46.8	45.7	7.9	7.9	7.6	31.7	32.1	30.2	52.1	53.0	52.4	23
2.9	2.9	2.8	8.8	8.8	8.8	1.5	1.5	1.4	5.2	5.3	5.2	4.9	5.0	4.7	24
2.2	2.2	2.0	6.3	6.3	6.1	1.4	1.4	1.4	4.8	4.9	4.5	4.9	4.9	4.8	25
36.6	36.7	36.3	120.3	119.3	117.1	28.4	28.4	27.3	78.6	78.8	77.3	101.4	102.5	99.1	26
4.9	4.9	4.8	16.0	15.7	15.1	5.5	5.5	5.2	11.2	11.2	10.8	20.2	20.7	18.6	27
21.2	21.3	20.8	50.7	50.6	50.7	16.4	16.4	15.8	34.8	34.8	33.5	28.5	28.9	29.0	28
13.7	13.7	12.9	36.5	36.0	34.7	7.2	7.3	6.8	76.1	77.4	71.8	36.1	35.9	34.6	29
7.0	7.0	6.6	19.8	19.5	18.4	3.5	3.5	3.2	50.7	51.0	46.8	15.7	15.5	15.1	30
4.7	4.7	4.5	11.8	11.6	11.1	3.0	3.0	2.9	17.2	17.8	16.1	9.6	9.6	9.1	31
11.2	11.1	10.6	49.3	49.3	46.8	10.3	10.3	10.0	37.0	40.7	35.8	35.9	36.0	35.4	32
3.6	3.5	3.1	11.9	11.6	11.3	2.8	2.8	2.8	8.0	8.0	7.7	4.0	4.0	3.9	33
175.5	174.7	168.3	525.5	520.9	505.8	114.6	115.0	110.4	388.5	390.9	375.7	358.4	354.6	349.5	34
3.4	3.4	3.3	15.8	16.1	16.0	2.9	2.9	2.8	14.3	16.2	14.4	10.6	10.7	10.4	35
11.4	11.5	11.2	58.0	57.1	54.5	8.4	8.4	8.2	34.7	34.6	34.2	46.1	45.7	44.0	36
38.0	37.9	36.6	42.7	42.3	40.7	8.9	8.9	8.6	29.1	29.4	29.2	29.5	29.2	29.4	37
61.0	60.7	57.7	158.4	155.8	152.8	55.3	55.2	53.6	128.3	128.6	125.3	103.3	102.1	101.0	38
25.7	25.3	24.9	118.0	115.1	113.1	17.2	17.3	16.3	69.2	69.6	68.1	49.7	48.7	47.7	39
13.5	13.5	11.2	50.7	48.9	47.2	5.1	5.1	5.1	26.6	26.6	26.0	41.7	41.2	37.9	40
6.9	6.9	6.6	20.4	20.4	20.3	4.7	4.7	4.4	26.1	26.0	25.4	28.5	28.3	27.4	41
20.2	20.2	20.0	61.5	60.4	58.7	12.1	11.8	11.4	54.3	54.5	51.5	87.8	87.2	86.2	42
6.4	6.4	6.4	25.9	25.5	24.8	6.3	6.4	5.9	25.9	25.9	24.9	26.1	26.0	24.5	43
(*)	508.5	497.9	(*)	1,440.1	1,448.2	(*)	589.7	572.6	(*)	1,333.0	1,291.9	(*)	1,153.3	1,081.8	44
14.9	14.8	14.8	55.3	54.0	54.2	10.4	10.4	10.3	45.5	45.8	44.9	70.4	70.3	70.1	45
4.9	4.8	4.9	17.5	17.2	17.4	3.2	3.2	3.1	11.5	11.6	11.3	19.2	19.0	18.8	46
33.2	33.3	32.6	106.0	104.5	102.9	18.9	18.9	18.6	74.3	74.5	71.8	78.2	77.1	75.9	47
1.6	1.6	1.6	7.8	7.7	8.0	1.0	1.0	.9	5.8	5.9	5.7	5.4	5.4	5.4	48
11.3	11.2	11.3	57.4	55.1	54.5	10.9	10.9	10.5	46.8	46.9	44.7	31.9	31.9	32.2	49
31.8	31.7	29.2	191.9	186.7	175.6	29.1	29.2	27.9	125.7	128.6	121.3	137.6	137.1	130.8	50
(*)	524.3	508.3	(*)	1,380.1	1,370.6	(*)	592.0	574.9	(*)	1,236.6	1,201.8	(*)	954.2	875.5	51
(*)	387.3	377.9	(*)	1,017.0	1,016.8	(*)	505.4	491.3	(*)	981.8	953.2	(*)	732.9	659.5	52
(*)	334.3	327.8	(*)	754.9	766.5	(*)	461.4	448.7	(*)	779.1	761.4	(*)	537.3	473.4	53
13.2	13.2	13.1	63.0	62.3	62.1	11.9	11.9	11.4	51.8	51.7	49.1	43.0	43.2	43.4	54
3.2	3.2	3.1	9.7	9.7	9.5	1.8	1.8	1.8	9.8	9.9	9.2	14.8	14.8	13.5	55
14.3	14.7	14.3	50.8	49.8	48.7	11.3	11.3	10.8	39.0	38.9	37.0	36.7	36.2	36.2	56
5.4	5.3	5.1	19.6	19.5	19.1	4.6	4.6	4.3	13.3	13.9	13.2	26.7	26.3	26.2	57
18.0	18.0	17.9	67.6	65.9	65.2	13.0	13.0	12.9	65.5	65.2	62.0	44.1	43.3	41.8	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
1	NORTH CAROLINA	1,709.4	1,705.2	1,681.0	3.6	3.5	3.5	94.6	94.8	92.8	698.4	701.1	699.3
2	Asheville	-	-	-	-	-	-	-	-	-	18.7	18.8	19.5
3	Charlotte	174.9	174.2	171.0	(1)	(1)	(1)	12.9	13.3	12.3	41.0	40.8	41.4
4	Greensboro-Winston-Salem-High Point	257.9	256.2	252.8	(1)	(1)	(1)	13.6	13.5	12.8	112.1	111.9	112.2
5	Raleigh	-	-	-	-	-	-	-	-	-	14.5	14.3	13.6
6	NORTH DAKOTA	159.8	160.5	156.8	2.0	1.9	2.0	9.4	9.9	8.1	8.7	9.0	8.9
7	Fargo-Moorhead	41.6	41.4	39.9	(1)	(1)	(1)	3.1	3.2	2.8	3.1	3.2	3.0
8	OHIO	3,950.3	3,964.1	3,837.2	20.6	20.6	19.8	189.0	196.5	178.1	1,450.7	1,474.6	1,444.5
9	Akron	254.4	253.6	246.0	.2	.2	.2	9.5	9.9	9.0	102.4	101.9	100.8
10	Canton	137.7	138.6	132.4	.3	.3	.3	6.0	6.2	5.9	62.1	62.9	59.7
11	Cincinnati	506.7	513.1	502.2	.4	.4	.4	23.5	24.2	23.3	167.2	176.1	176.0
12	Cleveland	874.4	876.1	854.4	1.6	1.6	1.5	39.9	41.3	37.5	308.2	311.2	312.5
13	Columbus	375.8	378.1	362.5	.8	.8	.8	21.1	21.8	19.7	88.9	93.0	91.2
14	Dayton	340.0	339.0	326.2	.5	.5	.5	12.9	13.5	12.2	135.2	134.8	130.3
15	Toledo	250.2	248.5	240.2	.3	.3	.3	11.4	12.0	10.5	86.6	86.6	85.0
16	Youngstown-Warren	197.3	199.4	189.5	.4	.4	.4	9.0	9.3	8.4	90.1	92.7	86.3
17	OKLAHOMA	759.4	756.6	740.6	39.0	38.9	40.5	35.6	35.2	35.1	130.3	130.3	123.0
18	Oklahoma City	248.2	247.0	239.9	6.7	6.7	6.9	12.4	12.3	11.8	36.2	36.0	32.5
19	Tulsa	178.6	178.7	174.8	12.7	12.9	13.3	8.8	8.9	8.6	43.6	43.9	42.3
20	OREGON ²	711.3	717.1	691.5	1.6	1.7	1.5	31.7	33.5	31.4	177.7	182.8	177.3
21	Eugene	68.9	68.7	67.0	(1)	(1)	(1)	3.0	3.1	3.2	18.2	18.0	19.1
22	Portland ²	385.8	387.2	371.6	(1)	(1)	(1)	19.6	20.9	18.7	91.6	92.4	89.5
23	Salem ²	53.5	55.9	52.0	(1)	(1)	(1)	2.6	2.7	2.6	10.1	12.4	9.5
24	PENNSYLVANIA	4,358.9	4,347.5	4,298.3	40.0	39.8	39.1	197.7	205.6	196.3	1,554.4	1,562.2	1,556.1
25	Allentown-Bethlehem-Easton	216.2	215.5	214.0	.5	.5	.5	8.7	9.0	8.7	106.8	106.7	106.2
26	Altoona	47.7	47.8	46.8	(1)	(1)	(1)	1.8	1.9	1.7	15.3	15.5	15.2
27	Erie	92.2	98.8	95.6	(1)	(1)	(1)	5.2	5.4	4.0	37.2	43.9	43.3
28	Harrisburg	171.4	170.9	167.9	(1)	(1)	(1)	9.3	9.8	8.6	38.9	38.5	38.8
29	Johnstown	79.7	79.4	76.3	5.0	4.9	5.0	3.5	3.9	3.8	26.1	26.0	23.4
30	Lancaster	118.4	118.3	115.7	(1)	(1)	(1)	6.0	6.1	5.8	56.5	56.6	55.7
31	Philadelphia	1,802.3	1,795.4	1,786.7	1.3	1.3	1.3	87.7	89.7	86.5	560.9	565.2	574.5
32	Pittsburgh	863.7	863.1	846.2	9.4	9.2	8.7	42.0	43.7	41.5	290.0	291.3	281.1
33	Reading	124.4	122.6	121.8	(1)	(1)	(1)	5.0	5.0	4.4	59.6	58.4	59.7
34	Scranton	86.9	86.5	86.4	.5	.5	.5	2.6	2.8	2.8	34.7	34.4	35.3
35	Wilkes-Barre-Hazleton	123.3	123.8	120.0	2.2	2.3	2.3	6.1	6.3	5.4	53.9	54.5	53.4
36	York	130.9	130.5	128.0	(1)	(1)	(1)	7.0	7.2	6.9	64.2	63.8	63.0
37	RHODE ISLAND	343.7	346.1	349.8	(1)	(1)	(1)	14.5	15.0	15.6	124.1	126.5	128.7
38	Providence-Pawtucket-Warwick	355.4	357.3	361.9	(1)	(1)	(1)	14.5	14.9	15.8	142.1	144.2	146.8
39	SOUTH CAROLINA	793.2	792.5	781.1	1.5	1.5	1.5	46.2	46.7	47.6	331.4	332.1	328.5
40	Charleston	85.8	85.8	85.8	(1)	(1)	(1)	4.6	4.6	5.4	16.4	16.2	15.5
41	Columbia	103.8	103.2	101.6	(1)	(1)	(1)	7.3	7.6	7.2	19.3	19.2	19.7
42	Greenville	121.9	122.0	121.3	(1)	(1)	(1)	9.7	9.8	10.3	56.0	56.2	55.6
43	SOUTH DAKOTA ²	172.7	174.1	168.2	2.2	2.2	2.3	8.2	8.9	8.1	16.1	15.9	15.9
44	Sioux Falls ²	33.7	33.9	33.0	(1)	(1)	(1)	1.9	2.0	1.5	5.9	6.0	6.0
45	TENNESSEE	1,320.2	1,319.4	1,299.5	7.6	7.6	7.3	71.4	72.2	67.5	467.3	468.8	464.5
46	Chattanooga	123.1	122.0	122.6	.2	.2	.2	4.7	4.8	5.2	52.7	51.7	51.1
47	Knoxville	149.7	149.5	148.7	1.7	1.7	1.8	6.9	7.4	7.4	49.5	49.5	49.1
48	Memphis	267.9	269.0	264.5	.2	.2	.2	14.3	14.4	14.4	59.2	60.4	61.1
49	Nashville	218.9	218.0	214.1	(1)	(1)	(1)	13.3	13.3	12.7	63.1	63.2	61.3
50	TEXAS	3,632.4	3,610.4	3,497.5	104.1	104.8	104.1	229.5	230.1	224.8	739.0	739.5	716.6
51	Amarillo	-	-	-	-	-	-	-	-	-	6.4	6.3	5.6
52	Austin	-	-	-	-	-	-	-	-	-	11.3	11.1	9.9
53	Beaumont-Port Arthur-Orange	-	-	-	-	-	-	-	-	-	36.9	37.2	34.9
54	Corpus Christi	-	-	-	-	-	-	-	-	-	11.2	11.3	10.9

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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			
Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	
91.6	91.2	88.6	309.0	303.8	303.4	67.2	67.3	63.4	200.1	200.9	195.0	244.9	242.6	235.0	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
19.0	18.9	18.3	44.6	44.2	44.0	12.2	12.1	11.5	25.0	24.8	23.9	20.2	20.1	19.6	3
15.0	15.0	14.5	46.1	45.1	45.4	11.9	11.8	11.6	29.0	29.1	27.8	30.2	29.8	28.5	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.4	12.5	12.4	44.3	44.0	42.9	6.7	6.8	6.8	29.4	29.3	28.7	46.9	47.3	47.1	6
3.2	3.2	3.2	12.5	12.3	12.1	2.2	2.2	2.3	8.5	8.4	8.0	8.9	8.8	8.6	7
228.8	228.2	220.1	782.5	770.9	753.3	154.5	154.6	148.1	551.6	553.7	523.7	572.6	565.0	549.5	8
15.0	15.0	14.9	50.2	49.6	48.2	6.8	6.8	6.4	32.4	32.5	30.6	37.8	37.7	35.8	9
7.2	7.2	6.9	26.1	25.9	25.2	4.7	4.7	4.5	18.1	18.2	17.2	13.1	13.2	12.7	10
36.5	36.4	35.0	110.0	107.5	105.6	25.4	25.3	25.1	74.7	74.5	71.2	69.0	68.6	65.5	11
53.5	53.4	51.3	185.8	182.9	179.1	41.5	41.5	40.1	133.5	134.2	126.4	110.4	110.0	106.1	12
20.9	20.8	19.9	79.5	78.1	76.2	24.9	24.9	22.9	59.6	60.1	56.1	80.3	78.6	75.7	13
12.7	12.6	12.2	61.4	60.8	58.6	9.5	9.5	8.9	47.0	47.1	44.5	60.8	60.2	59.1	14
18.3	18.1	17.5	51.7	50.9	50.4	8.1	8.0	7.5	38.2	38.0	36.2	35.5	34.4	32.7	15
10.5	10.4	10.0	36.5	36.0	35.2	5.5	5.6	5.2	26.3	26.4	24.8	19.0	18.6	19.2	16
52.9	52.9	52.2	165.3	163.7	163.9	36.0	36.1	34.6	111.1	110.0	107.3	189.2	189.5	184.0	17
16.4	16.4	15.9	55.0	54.3	53.5	15.5	15.6	14.8	36.1	36.1	35.3	69.9	69.6	69.2	18
16.8	16.8	16.3	40.2	40.1	40.0	9.2	9.1	8.7	29.3	29.1	27.8	18.0	17.9	17.8	19
49.8	50.2	48.7	163.0	161.1	156.7	34.9	35.1	33.8	108.0	108.5	102.4	144.6	144.2	139.7	20
4.1	4.1	4.0	13.6	13.6	12.9	3.0	3.0	2.8	9.5	9.7	8.7	17.5	17.2	16.3	21
31.3	31.3	29.8	94.1	93.3	90.9	24.1	24.0	23.1	65.1	65.5	60.9	60.0	59.8	58.7	22
1.7	1.7	1.8	10.7	10.6	10.7	3.1	3.1	3.0	7.7	7.8	7.4	17.6	17.6	17.0	23
277.8	276.2	267.9	836.7	814.3	820.5	183.3	183.4	179.1	658.6	661.9	640.7	610.4	604.1	598.6	24
11.7	11.8	11.6	36.4	35.4	36.0	6.6	6.5	6.3	26.1	26.1	25.6	19.4	19.5	19.1	25
7.7	7.8	7.8	8.7	8.6	8.2	1.2	1.2	1.2	6.9	6.8	6.8	6.1	6.0	5.9	26
5.5	5.5	5.4	17.1	16.8	16.7	3.5	3.4	3.1	12.8	12.9	12.3	10.9	10.9	10.8	27
12.9	12.8	12.7	32.8	32.2	32.3	8.1	8.1	8.0	25.3	25.3	24.0	44.1	44.2	43.5	28
5.3	5.2	5.1	13.4	12.9	13.4	2.1	2.1	2.0	11.9	12.0	11.5	12.4	12.4	12.1	29
5.5	5.6	5.4	21.4	21.1	20.8	2.7	2.7	2.6	16.0	16.0	15.3	10.3	10.2	10.1	30
111.5	110.7	109.6	375.7	366.1	370.7	97.4	97.4	95.5	304.8	303.3	292.8	263.0	261.7	255.8	31
58.8	58.7	55.6	169.6	166.1	168.0	37.4	37.6	36.5	155.3	156.0	151.7	101.2	100.5	103.1	32
6.5	6.5	6.5	19.2	18.7	18.9	4.8	4.8	4.5	16.2	16.3	15.8	13.1	12.9	12.0	33
5.2	5.3	5.2	17.7	17.3	17.0	2.5	2.5	2.6	13.9	13.9	13.7	9.8	9.8	9.3	34
6.6	6.6	6.5	20.7	20.3	20.2	4.2	4.2	4.0	14.3	14.4	13.4	15.3	15.2	14.8	35
6.0	6.0	5.7	23.1	22.6	22.5	2.8	2.8	2.7	14.4	14.6	14.0	13.4	13.5	13.2	36
15.9	16.0	15.3	69.0	67.5	68.2	14.9	15.0	15.0	53.5	53.8	54.4	51.8	52.3	52.6	37
15.3	15.4	14.8	68.8	67.4	68.6	14.9	15.0	15.1	52.1	52.4	52.6	47.7	48.0	48.2	38
34.5	34.5	33.2	132.1	130.5	130.1	27.7	27.6	26.4	76.6	77.0	77.0	143.2	142.6	136.8	39
4.9	5.1	5.0	16.7	16.4	16.8	3.3	3.3	3.3	9.6	9.7	9.7	30.3	30.5	30.1	40
6.8	6.8	6.3	21.4	20.8	21.2	6.2	6.1	5.8	13.2	13.2	13.0	29.6	29.5	28.4	41
4.6	4.6	4.4	20.1	20.0	20.3	4.6	4.6	4.4	11.7	11.7	11.8	15.2	15.1	14.5	42
10.2	10.2	10.3	44.8	44.9	43.7	7.3	7.3	7.2	30.5	30.8	29.3	53.4	53.9	51.4	43
3.0	3.0	3.0	10.0	10.0	9.9	2.0	2.0	1.9	6.4	6.5	6.3	4.5	4.4	4.4	44
65.3	65.5	64.0	250.3	248.1	249.7	53.4	53.0	52.6	174.8	174.0	170.3	230.1	230.2	223.6	45
6.3	6.3	6.4	21.9	21.9	22.5	7.3	7.3	7.0	14.6	14.4	14.6	15.4	15.4	15.6	46
6.6	6.7	6.5	32.1	31.5	31.6	4.9	4.9	4.9	19.8	19.7	19.1	28.2	28.1	28.3	47
20.5	20.7	19.7	68.7	67.3	68.0	13.7	13.8	13.7	43.5	44.3	41.3	47.8	47.9	46.1	48
13.1	13.1	12.7	46.8	46.2	47.6	13.9	13.8	12.9	35.4	35.2	35.0	33.3	33.2	31.9	49
267.8	262.8	253.5	862.2	850.7	822.2	187.0	186.3	175.5	569.5	564.9	542.0	673.3	671.3	658.8	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
1	TEXAS (continued)												
2	Dallas	628.7	626.3	598.0	8.2	8.2	8.2	34.3	34.3	31.7	173.2	174.0	163.5
3	El Paso	-	-	-	-	-	-	-	-	-	23.0	23.2	21.0
4	Fort Worth	-	-	-	-	-	-	-	-	-	92.9	92.8	89.7
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.0	11.1	10.7
6	Houston	752.4	746.1	712.5	29.5	29.5	27.5	73.7	74.1	69.8	143.9	142.6	137.3
7	Lubbock	-	-	-	-	-	-	-	-	-	7.0	7.0	6.5
8	San Antonio	252.1	251.7	248.5	1.5	1.5	1.5	14.8	14.9	15.5	31.1	31.1	30.3
9	Waco	-	-	-	-	-	-	-	-	-	12.6	12.6	13.0
10	Wichita Falls	-	-	-	-	-	-	-	-	-	4.6	4.4	4.1
11	UTAH	352.9	353.8	348.3	12.4	12.4	12.2	12.7	14.4	14.2	54.2	54.9	53.6
12	Salt Lake City	186.3	186.6	184.4	7.5	7.5	7.3	8.1	8.4	7.7	29.6	29.7	29.9
13	VERMONT	145.5	148.5	140.0	1.0	1.0	1.1	10.4	10.9	9.3	43.0	44.0	43.3
14	Burlington ¹⁰	37.5	38.4	36.3	-	-	-	-	-	-	10.3	11.0	10.9
15	Springfield ^{2 10}	13.4	13.5	13.0	-	-	-	-	-	-	6.7	6.7	6.4
16	VIRGINIA ⁴	1,438.1	1,438.1	1,413.7	14.4	14.3	14.0	95.2	96.5	93.2	367.0	369.8	372.3
17	Lynchburg	50.9	50.7	49.1	(1)	(1)	(1)	2.7	2.7	2.5	23.8	23.7	22.9
18	Newport News-Hampton	96.4	96.2	93.7	(1)	(1)	(1)	5.0	5.1	4.8	26.7	26.7	27.6
19	Norfolk-Portsmouth	194.0	194.3	192.7	(1)	(1)	(1)	12.9	13.0	13.1	20.7	20.9	20.1
20	Northern Virginia ¹¹	243.0	242.7	236.9	.4	.4	.4	18.9	19.3	18.8	9.2	9.3	9.3
21	Richmond	231.0	229.3	225.7	.2	.2	.2	15.9	16.1	14.7	51.9	51.8	52.7
22	Roanoke	79.2	80.2	77.6	.1	.1	.1	4.7	4.9	4.7	18.3	19.3	18.9
23	WASHINGTON	1,137.5	1,145.2	1,119.3	1.8	1.8	1.6	60.4	62.6	58.9	270.2	278.1	287.2
24	Seattle-Everett	566.0	566.3	563.7	(1)	(1)	(1)	30.5	31.4	30.6	155.2	157.5	171.1
25	Spokane	89.6	90.7	88.0	(1)	(1)	(1)	5.0	5.2	4.6	12.9	13.3	13.6
26	Tacoma	109.7	109.8	107.0	(1)	(1)	(1)	5.9	6.2	6.0	20.4	20.7	20.6
27	WEST VIRGINIA	514.3	513.7	514.1	47.4	47.2	47.0	26.5	26.5	26.9	131.9	133.0	133.2
28	Charleston	82.1	82.0	83.9	3.6	3.6	3.5	3.6	3.9	4.4	17.3	17.5	19.1
29	Huntington-Ashland	81.4	81.4	80.9	.6	.6	.7	4.3	4.4	4.8	25.9	26.2	25.1
30	Wheeling	61.2	60.0	58.6	4.8	4.7	4.0	6.2	6.0	5.0	15.9	15.6	16.1
31	WISCONSIN	1,530.5	1,537.5	1,506.1	2.7	2.6	2.6	70.9	72.4	72.7	502.0	515.0	513.1
32	Green Bay	53.6	54.1	52.1	(1)	(1)	(1)	2.5	2.5	2.7	17.0	17.6	16.7
33	Kenosha	27.4	34.0	33.1	(1)	(1)	(1)	1.0	1.0	1.3	9.0	15.4	15.2
34	La Crosse	30.0	30.0	29.2	(1)	(1)	(1)	1.2	1.2	1.4	8.5	8.4	8.2
35	Madison	120.9	119.9	116.9	(1)	(1)	(1)	7.4	7.3	6.7	16.2	16.2	16.2
36	Milwaukee	572.8	572.5	568.3	(1)	(1)	(1)	23.1	23.2	24.1	207.5	211.5	213.2
37	Racine	56.5	56.4	54.8	(1)	(1)	(1)	1.9	2.1	1.9	26.4	26.2	25.5
38	WYOMING	106.0	108.2	102.9	11.6	11.9	11.4	6.1	6.3	7.0	7.7	7.7	7.3
39	Casper	19.5	20.0	18.9	4.0	4.3	3.5	1.2	1.2	1.2	1.3	1.3	1.2
40	Cheyenne	18.2	18.0	17.9	(1)	(1)	(1)	.9	.9	.9	1.2	1.0	.9

¹ Combined with services.

² Revised to 1969 benchmark; not strictly comparable with previously published data.

³ Combined with construction.

⁴ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area

⁵ included in data for the District of Columbia.

⁶ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁹ Subarea of Rochester Standard Metropolitan Statistical Area.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry and fisheries.

¹² Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

*Not available.

NOTE: Data for the current year are 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			
Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	
49.4	49.5	48.2	164.6	162.1	156.7	49.4	49.0	46.5	85.3	85.3	82.7	64.3	63.9	60.6	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
66.4	65.9	62.2	185.7	182.2	177.8	38.2	38.0	35.4	127.7	127.6	121.3	87.3	86.2	81.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.2	11.2	11.0	63.0	62.5	61.8	15.3	15.2	15.2	43.0	43.1	42.1	72.2	72.2	71.1	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.4	23.3	22.6	82.8	80.4	77.0	14.6	14.3	13.5	54.5	54.1	51.6	98.4	99.9	103.6	10
15.3	15.4	14.7	49.8	49.6	48.5	10.4	10.3	10.2	29.6	30.1	28.0	36.0	35.6	37.9	11
7.8	7.9	7.5	27.5	27.9	26.1	5.3	5.3	5.1	25.4	26.3	23.5	25.4	25.3	24.2	12
1.8	1.8	1.7	8.0	7.9	7.6	-	-	-	6.8	7.0	6.3	-	-	-	13
.9	.9	.9	1.8	1.9	1.9	-	-	-	1.6	1.6	1.6	-	-	-	14
96.5	96.7	94.1	296.7	293.2	289.1	65.7	65.5	62.0	204.5	205.7	199.7	298.1	296.4	289.3	15
2.5	2.5	2.4	8.4	8.3	8.1	1.9	1.9	1.8	6.0	6.0	6.0	5.6	5.6	5.4	16
4.4	4.4	4.2	17.0	16.5	15.2	2.9	2.9	2.7	11.8	11.8	10.5	28.6	28.8	28.7	17
16.1	16.2	15.8	46.4	46.1	45.7	8.7	8.7	8.5	27.7	27.8	27.1	61.5	61.6	62.4	18
19.3	19.7	18.8	57.7	56.2	55.6	14.0	14.1	13.1	43.8	44.0	41.8	79.7	79.7	79.1	19
18.2	18.2	18.1	53.2	52.1	51.4	17.9	17.8	17.3	32.5	32.4	31.7	41.2	40.7	39.6	20
10.5	10.5	10.4	19.5	19.2	18.2	3.9	3.9	3.8	12.3	12.4	12.1	9.9	9.9	9.4	21
74.7	74.9	72.4	256.3	256.1	244.7	58.8	59.2	56.0	169.9	170.5	161.9	245.4	242.0	236.6	22
40.6	40.8	39.8	127.5	125.5	120.7	36.3	36.2	34.2	84.3	84.8	78.5	91.6	90.1	88.8	23
7.4	7.6	7.3	23.3	23.6	23.1	5.1	5.1	4.9	18.3	18.5	17.5	17.6	17.4	17.0	24
6.9	7.0	6.6	25.1	24.8	24.0	6.1	6.0	5.8	18.6	18.6	17.6	26.7	26.5	26.4	25
41.4	41.4	41.2	93.3	91.6	92.6	15.1	15.1	14.7	62.3	62.8	62.6	96.5	96.1	95.7	26
8.9	9.0	8.8	19.5	18.8	18.9	3.9	4.0	3.8	11.6	11.7	11.5	13.8	13.5	13.9	27
8.0	8.0	8.1	17.5	17.1	17.4	2.7	2.7	2.7	10.0	10.0	10.0	12.3	12.2	12.2	28
3.5	3.5	3.5	13.1	12.6	12.6	2.2	2.2	2.0	8.7	8.6	8.7	6.9	6.8	6.6	29
81.7	81.7	79.4	334.3	327.2	320.4	60.1	60.1	57.2	217.2	218.5	208.8	261.7	260.0	251.9	30
4.4	4.5	4.4	13.4	13.4	12.9	1.3	1.3	1.3	8.0	8.0	7.8	6.9	6.8	6.5	31
1.3	1.4	1.3	6.2	6.2	6.0	.7	.7	.7	4.7	4.8	4.6	4.5	4.5	4.0	32
2.3	2.4	2.2	7.0	7.0	6.9	.6	.6	.6	5.8	5.8	5.6	4.5	4.6	4.3	33
4.9	4.9	4.9	24.1	23.5	23.0	6.5	6.5	6.1	16.8	16.9	15.9	45.1	44.6	44.2	34
31.9	31.8	31.0	125.4	121.3	120.6	28.2	28.2	26.9	83.6	83.7	81.8	73.1	72.8	70.7	35
2.3	2.3	2.3	9.7	9.6	9.5	1.5	1.5	1.4	7.6	7.7	7.4	7.1	7.0	7.0	36
10.9	11.1	10.6	24.0	24.6	22.1	3.6	3.6	3.5	14.1	14.9	12.9	28.0	28.1	28.1	37
1.5	1.5	1.6	4.7	4.7	4.6	.8	.8	.8	2.4	2.6	2.4	3.6	3.6	3.6	38
2.4	2.5	2.5	4.0	3.9	4.1	1.0	1.0	1.0	3.2	3.2	3.1	5.5	5.5	5.4	39

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

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

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Total private ¹			Manufacturing			Durable goods			Nondurable goods		
1947.....	\$45.58	40.3	\$1.131	\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....	49.00	40.0	1.225	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	50.24	39.4	1.275	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	53.13	39.8	1.335	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	57.86	39.9	1.45	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	60.65	39.9	1.52	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	63.76	39.6	1.61	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	64.52	39.1	1.65	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	67.72	39.6	1.71	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	70.74	39.3	1.80	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	73.33	38.8	1.89	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	75.08	38.5	1.95	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	78.78	39.0	2.02	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	80.67	38.6	2.09	93.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	82.60	38.6	2.14	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	85.91	38.7	2.22	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	88.46	38.8	2.28	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	91.33	38.7	2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....	98.82	38.6	2.56	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1967.....	101.84	38.0	2.68	114.90	40.6	2.83	123.60	41.2	3.00	102.03	39.7	2.57
1968.....	107.73	37.8	2.85	122.51	40.7	3.01	132.07	41.4	3.19	109.05	39.8	2.74
1969.....	114.61	37.7	3.04	129.51	40.6	3.19	139.59	41.3	3.38	115.53	39.7	2.91
1968: December.....	110.38	37.8	2.92	127.82	41.1	3.11	137.61	41.7	3.30	113.08	40.1	2.82
1969: January.....	110.25	37.5	2.94	126.05	40.4	3.12	136.04	41.1	3.31	111.50	39.4	2.83
February.....	110.11	37.2	2.96	124.80	40.0	3.12	135.05	40.8	3.31	110.48	38.9	2.84
March.....	111.67	37.6	2.97	127.39	40.7	3.13	137.45	41.4	3.32	113.15	39.7	2.85
April.....	111.75	37.5	2.98	127.58	40.5	3.15	137.20	41.2	3.33	113.08	39.4	2.87
May.....	113.48	37.7	3.01	128.61	40.7	3.16	137.69	41.4	3.35	114.34	39.7	2.88
June.....	115.14	38.0	3.03	129.65	40.9	3.17	139.44	41.5	3.36	115.31	39.9	2.89
July.....	115.82	38.1	3.04	129.20	40.5	3.19	137.83	40.9	3.37	116.22	39.8	2.92
August.....	116.51	38.2	3.05	129.51	40.6	3.19	139.33	41.1	3.39	116.51	39.9	2.92
September.....	117.80	38.0	3.10	132.84	41.0	3.24	143.45	41.7	3.44	118.00	40.0	2.95
October.....	117.25	37.7	3.11	131.87	40.7	3.24	142.42	41.4	3.44	117.51	39.7	2.96
November.....	117.00	37.5	3.12	132.36	40.6	3.26	142.14	41.2	3.45	117.91	39.7	2.97
December.....	117.25	37.7	3.11	134.15	40.9	3.28	144.77	41.6	3.48	119.60	40.0	2.99
Year and month	Mining			Contract construction			Wholesale and retail trade			Finance, insurance, and real estate		
1947.....	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....	65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....	62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....	67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....	74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....	77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....	83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....	82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....	89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....	95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....	98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....	96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....	103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....	105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....	106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....	110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....	114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....	117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....	123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....	130.24	42.7	3.05	146.26	37.6	3.89	79.02	37.1	2.13	92.13	37.3	2.47
1967.....	135.89	42.6	3.19	154.95	37.7	4.11	81.76	36.5	2.24	95.46	37.0	2.58
1968.....	143.05	42.7	3.35	164.56	37.4	4.40	86.40	36.0	2.40	101.75	37.0	2.75
1969.....	154.73	43.1	3.59	181.26	38.0	4.77	91.14	35.6	2.56	108.33	37.1	2.92
1968: December.....	151.12	43.3	3.49	168.81	37.1	4.55	87.96	35.9	2.45	104.99	37.1	2.83
1969: January.....	150.15	42.9	3.50	168.09	36.7	4.58	88.40	35.5	2.49	106.76	37.2	2.87
February.....	149.60	42.5	3.52	166.90	36.6	4.56	88.60	35.3	2.51	107.59	37.1	2.90
March.....	148.54	42.2	3.52	171.86	37.2	4.62	88.85	35.4	2.51	107.22	37.1	2.89
April.....	154.78	43.6	3.55	174.46	37.6	4.64	88.96	35.3	2.52	106.85	37.1	2.88
May.....	155.30	43.5	3.57	179.92	38.2	4.71	89.92	35.4	2.54	107.30	37.0	2.90
June.....	150.88	42.5	3.55	181.34	38.5	4.71	91.55	35.9	2.55	108.70	37.1	2.93
July.....	154.30	43.1	3.58	183.91	38.8	4.74	93.08	36.5	2.55	107.96	37.1	2.91
August.....	156.88	43.7	3.59	187.77	39.2	4.79	93.70	36.6	2.56	108.04	37.0	2.92
September.....	157.91	43.5	3.63	192.96	39.3	4.91	92.46	35.7	2.59	108.41	37.0	2.93
October.....	159.71	43.4	3.68	190.08	38.4	4.95	92.13	35.3	2.61	109.07	37.1	2.94
November.....	158.67	43.0	3.69	183.65	37.1	4.95	92.58	35.2	2.63	110.86	37.2	2.98
December.....	161.32	43.6	3.70	188.12	37.7	4.99	92.56	35.6	2.60	109.89	37.0	2.97

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

NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are preliminary. 1969 annual averages are preliminary and unweighted.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	TOTAL PRIVATE	\$ 117.25	\$ 117.00	\$ 117.25	\$ 110.38	\$ 109.50	\$ 3.11	\$ 3.12	\$ 3.11	\$ 2.92	\$ 2.92
	MINING	161.32	158.67	159.71	151.12	148.52	3.70	3.69	3.68	3.49	3.47
	METAL MINING	-	161.08	162.63	151.98	149.80	-	3.72	3.73	3.51	3.50
101	Iron ores.....	-	154.54	159.33	149.24	143.68	-	3.76	3.83	3.64	3.61
102	Copper ores.....	-	171.58	172.61	161.12	160.40	-	3.73	3.72	3.45	3.42
11,12	COAL MINING	-	172.18	174.53	167.69	165.65	-	4.37	4.32	4.10	4.09
12	Bituminous coal and lignite mining.....	-	174.59	177.42	170.15	167.68	-	4.42	4.37	4.14	4.13
13	OIL AND GAS EXTRACTION	-	152.15	150.33	147.85	143.01	-	3.45	3.44	3.33	3.28
131,2	Crude petroleum and natural gas fields.....	-	148.23	144.00	142.49	138.04	-	3.66	3.60	3.45	3.40
138	Oil and gas field services.....	-	154.98	153.77	151.26	146.38	-	3.34	3.35	3.26	3.21
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	153.91	157.30	137.51	137.28	-	3.39	3.39	3.09	3.12
142	Crushed and broken stone.....	-	151.54	161.47	137.84	135.44	-	3.28	3.35	2.99	3.03
	CONTRACT CONSTRUCTION	188.12	183.65	190.08	168.81	159.35	4.99	4.95	4.95	4.55	4.54
15	GENERAL BUILDING CONTRACTORS	-	171.48	175.17	160.00	149.36	-	4.79	4.76	4.42	4.38
16	HEAVY CONSTRUCTION CONTRACTORS	-	187.98	198.01	166.04	154.29	-	4.63	4.67	4.11	4.17
161	Highway and street construction.....	-	173.13	186.48	150.52	142.92	-	4.35	4.44	3.83	3.97
162	Heavy construction, n.e.c.....	-	199.82	208.44	177.57	164.49	-	4.85	4.87	4.31	4.34
17	SPECIAL TRADE CONTRACTORS	188.96	194.71	175.33	167.74	-	5.22	5.22	4.83	4.82	
171	Plumbing, heating, air conditioning.....	-	201.32	207.58	192.06	183.52	-	5.34	5.35	4.95	4.92
172	Painting, paper hanging, decorating.....	-	172.11	175.51	160.66	156.62	-	4.96	4.93	4.63	4.62
173	Electrical work.....	-	224.80	232.07	209.75	199.81	-	5.72	5.73	5.31	5.30
174	Masonry, stonework, and plastering.....	-	169.80	176.46	148.80	146.32	-	5.13	5.10	4.65	4.66
176	Roofing and sheetmetal work.....	-	154.11	162.50	140.61	130.51	-	4.67	4.71	4.16	4.21
	MANUFACTURING	134.15	132.36	131.87	127.82	125.97	3.28	3.26	3.24	3.11	3.08
19,24,25,32-39	DURABLE GOODS	144.77	142.14	142.42	137.61	136.36	3.48	3.45	3.44	3.30	3.27
20-23,26-31	NONDURABLE GOODS	119.60	117.91	117.51	113.08	111.72	2.99	2.97	2.96	2.82	2.80
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	144.43	144.43	141.05	141.28	138.86	3.54	3.54	3.50	3.38	3.33
192	Ammunition, except for small arms.....	(*)	139.15	136.57	139.70	137.03	(*)	3.47	3.44	3.35	3.31
1925	Complete guided missiles.....	-	173.02	170.95	163.77	161.70	-	4.10	4.08	3.89	3.85
1929	Ammunition, exc. for small arms, nec.....	-	120.90	118.20	126.16	122.89	-	3.10	3.07	3.04	2.99
24	LUMBER AND WOOD PRODUCTS	114.09	113.32	113.93	107.16	105.73	2.81	2.84	2.82	2.62	2.63
242	Sawmills and planing mills.....	110.16	108.65	109.76	103.32	101.45	2.72	2.73	2.71	2.52	2.53
2421	Sawmills and planing mills, general.....	-	112.07	113.52	106.60	104.54	-	2.83	2.81	2.60	2.62
243	Millwork, plywood & related products.....	123.19	121.10	119.80	118.02	115.51	2.99	2.99	2.98	2.81	2.79
2431	Millwork.....	-	117.21	117.11	112.44	111.08	-	2.99	2.98	2.79	2.77
2432	Veneer and plywood.....	-	123.02	119.72	123.08	119.97	-	2.95	2.92	2.81	2.79
244	Wooden containers.....	(*)	91.57	92.27	88.36	87.07	(*)	2.33	2.33	2.22	2.21
2441,2	Wooden boxes, shooks, and crates.....	-	89.67	90.80	85.39	84.14	-	2.27	2.27	2.14	2.13
249	Miscellaneous wood products.....	101.00	101.50	102.09	95.71	94.83	2.50	2.50	2.49	2.34	2.33
25	FURNITURE AND FIXTURES	110.84	108.81	108.81	105.32	103.48	2.71	2.70	2.68	2.55	2.53
251	Household furniture.....	104.19	102.51	102.21	100.85	97.92	2.56	2.55	2.53	2.43	2.40
2511	Wood household furniture.....	-	98.23	97.82	94.92	93.15	-	2.39	2.38	2.26	2.25
2512	Upholstered household furniture.....	-	108.78	107.32	110.09	106.08	-	2.74	2.71	2.64	2.60
2515	Mattresses and bedsprings.....	-	106.26	107.68	104.41	104.02	-	2.76	2.74	2.65	2.64
252	Office furniture.....	-	128.10	126.96	119.14	117.88	-	3.05	3.03	2.83	2.82
254	Partitions and fixtures.....	-	131.93	133.82	126.17	124.09	-	3.29	3.28	3.10	3.11
253,9	Other furniture and fixtures.....	121.60	116.35	115.54	108.14	110.83	2.93	2.88	2.86	2.69	2.69
32	STONE, CLAY, AND GLASS PRODUCTS	136.59	138.09	137.57	128.21	127.49	3.26	3.28	3.26	3.06	3.05
321	Flat glass.....	-	179.35	177.62	157.80	163.88	-	4.21	4.15	3.83	3.82
322	Glass and glassware, pressed or blown.....	133.65	136.12	133.57	129.37	128.44	3.30	3.32	3.29	3.14	3.11
3221	Glass containers.....	-	137.50	137.23	134.88	132.66	-	3.37	3.38	3.25	3.22
3229	Pressed and blown glass, n.e.c.....	-	134.31	128.39	121.29	122.54	-	3.26	3.17	2.98	2.96
324	Cement, hydraulic.....	167.62	171.74	166.32	144.90	152.58	4.01	4.06	3.96	3.50	3.59
325	Structural clay products.....	111.65	111.93	111.24	106.08	104.90	2.75	2.75	2.74	2.60	2.59
3251	Brick and structural clay tile.....	-	106.97	107.12	101.68	99.55	-	2.59	2.60	2.45	2.44
326	Pottery and related products.....	-	116.58	116.11	111.95	111.88	-	2.90	2.91	2.82	2.79
327	Concrete, gypsum, and plaster products.....	140.38	142.89	147.08	133.59	131.15	3.28	3.30	3.32	3.05	3.05
328,9	Other stone and nonmetallic mineral products.....	138.60	137.52	135.94	129.58	128.54	3.30	3.29	3.26	3.10	3.09
3291	Abrasive products.....	-	141.04	130.26	127.04	127.28	-	3.44	3.34	3.20	3.19

See footnotes at end of table. NOTE: Data for the 2 most recent months are 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 hours					Average overtime hours				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
-	TOTAL PRIVATE	37.7	37.5	37.7	37.8	37.5	-	-	-	-	-
-	MINING	43.6	43.0	43.4	43.3	42.8	-	-	-	-	-
10	METAL MINING	-	43.3	43.6	43.3	42.8	-	-	-	-	-
101	Iron ores	-	41.1	41.6	41.0	39.8	-	-	-	-	-
102	Copper ores	-	46.0	46.4	46.7	46.9	-	-	-	-	-
11,12	COAL MINING	-	39.4	40.4	40.9	40.5	-	-	-	-	-
12	Bituminous coal and lignite mining	-	39.5	40.6	41.1	40.6	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	44.1	43.7	44.4	43.6	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.5	40.0	41.3	40.6	-	-	-	-	-
138	Oil and gas field services	-	46.4	45.9	46.4	45.6	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	45.4	46.4	44.5	44.0	-	-	-	-	-
142	Crushed and broken stone	-	46.2	48.2	46.1	44.7	-	-	-	-	-
-	CONTRACT CONSTRUCTION	37.7	37.1	38.4	37.1	35.1	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	35.8	36.8	36.2	34.1	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	40.6	42.4	40.4	37.0	-	-	-	-	-
161	Highway and street construction	-	39.8	42.0	39.3	36.0	-	-	-	-	-
162	Heavy construction, n e c	-	41.2	42.8	41.2	37.9	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	36.2	37.3	36.3	34.8	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	37.7	38.8	38.8	37.3	-	-	-	-	-
172	Painting, paper hanging, decorating	-	34.7	35.6	34.7	33.9	-	-	-	-	-
173	Electrical work	-	39.3	40.5	39.5	37.7	-	-	-	-	-
174	Masonry, stonework, and plastering	-	33.1	34.6	32.0	31.4	-	-	-	-	-
176	Roofing and sheet metal work	-	33.0	34.5	33.8	31.0	-	-	-	-	-
-	MANUFACTURING	40.9	40.6	40.7	41.1	40.9	3.5	3.6	3.7	3.9	3.9
19,24,25,32-39	DURABLE GOODS	41.6	41.2	41.4	41.7	41.7	3.6	3.7	3.9	4.1	4.2
20-23,26-31	NONDURABLE GOODS	40.0	39.7	39.7	40.1	39.9	3.4	3.4	3.5	3.5	3.5
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	40.8	40.8	40.3	41.8	41.7	-	2.4	2.4	3.7	3.8
192	Ammunition, except for small arms	(*)	40.1	39.7	41.7	41.4	-	1.9	1.9	3.6	3.7
1925	Complete guided missiles	-	42.2	41.9	42.1	42.0	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	39.0	38.5	41.5	41.1	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.6	39.9	40.4	40.9	40.2	-	3.5	3.7	4.2	4.0
242	Sawmills and planing mills	40.5	39.8	40.5	41.0	40.1	-	3.7	4.1	4.5	4.2
2421	Sawmills and planing mills, general	-	39.6	40.4	41.0	39.9	-	-	-	-	-
243	Millwork, plywood & related products	41.2	40.5	40.2	42.0	41.4	-	3.4	3.2	4.6	4.3
2431	Millwork	-	39.2	39.3	40.3	40.1	-	-	-	-	-
2432	Veneer and plywood	-	41.7	41.0	43.8	43.0	-	-	-	-	-
244	Wooden containers	(*)	39.3	39.6	39.8	39.4	-	3.3	3.4	3.3	3.0
2441,2	Wooden boxes, shooks, and crates	-	39.5	40.0	39.9	39.5	-	-	-	-	-
249	Miscellaneous wood products	40.4	40.6	41.0	40.9	40.7	-	3.5	3.8	3.7	3.7
25	FURNITURE AND FIXTURES	40.9	40.3	40.6	41.3	40.9	-	3.3	3.5	3.8	3.7
251	Household furniture	40.7	40.2	40.4	41.5	40.8	-	3.2	3.4	3.9	3.6
2511	Wood household furniture	-	41.1	41.1	42.0	41.4	-	-	-	-	-
2512	Upholstered household furniture	-	39.7	39.6	41.7	40.8	-	-	-	-	-
2515	Mattresses and bedsprings	-	38.5	39.3	39.4	39.4	-	-	-	-	-
252	Office furniture	-	42.0	41.9	42.1	41.8	-	4.5	4.5	4.0	4.1
254	Partitions and fixtures	-	40.1	40.8	40.7	39.9	-	3.1	3.7	3.6	3.5
253,9	Other furniture and fixtures	41.5	40.4	40.4	40.2	41.2	-	3.4	3.3	3.4	4.3
32	STONE, CLAY, AND GLASS PRODUCTS	41.9	42.1	42.2	41.9	41.8	-	4.6	5.0	4.7	4.7
321	Flat glass	-	42.6	42.8	41.2	42.9	-	4.3	4.6	4.2	5.0
322	Glass and glassware, pressed or blown	40.5	41.0	40.6	41.2	41.3	-	4.8	4.6	4.9	4.8
3221	Glass containers	-	40.8	40.6	41.5	41.2	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	41.2	40.5	40.7	41.4	-	-	-	-	-
324	Cement, hydraulic	41.8	42.3	42.0	41.4	42.5	-	3.6	3.3	2.5	2.7
325	Structural clay products	40.6	40.7	40.6	40.8	40.5	-	3.8	3.9	3.9	3.8
3251	Brick and structural clay tile	-	41.3	41.2	41.5	40.8	-	-	-	-	-
326	Pottery and related products	-	40.2	39.9	39.7	40.1	-	2.9	2.9	2.6	3.0
327	Concrete, gypsum and plaster products	42.8	43.3	44.3	43.8	43.0	-	6.0	7.0	6.4	6.1
328,9	Other stone and nonmetallic mineral products	42.0	41.8	41.7	41.8	41.6	-	4.0	4.3	4.1	4.0
3291	Abrasive products	-	41.0	39.0	39.7	39.9	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	\$160.61	\$159.39	\$160.55	\$152.67	\$149.14	\$3.87	\$3.85	\$3.85	\$3.67	\$3.62
331	Blast furnace and basic steel products ..	(*)	167.69	169.33	157.14	150.51	(*)	4.11	4.11	3.88	3.82
3312	Blast furnaces and steel mills	-	169.30	171.38	159.19	152.49	-	4.17	4.18	3.95	3.89
332	Iron and steel foundries	155.49	150.48	153.13	147.55	146.89	3.65	3.60	3.62	3.48	3.44
3321	Gray iron foundries	-	151.26	155.43	147.70	148.70	-	3.61	3.64	3.50	3.45
3322	Malleable iron foundries	-	148.80	151.33	147.85	144.08	-	3.72	3.70	3.58	3.54
3323	Steel foundries	-	149.32	148.61	147.56	143.14	-	3.53	3.53	3.40	3.36
333,4	Nonferrous metals	(*)	156.59	155.06	149.29	148.17	(*)	3.65	3.64	3.48	3.47
3334	Primary aluminum	-	167.22	165.61	166.10	162.93	-	4.01	4.01	3.89	3.87
335	Nonferrous rolling and drawing	156.88	151.79	150.72	150.25	149.39	3.64	3.58	3.58	3.47	3.45
3351	Copper rolling and drawing	-	157.38	154.15	151.71	150.42	-	3.66	3.61	3.52	3.49
3352	Aluminum rolling and drawing	-	155.18	156.28	154.70	155.05	-	3.66	3.66	3.54	3.54
3357	Nonferrous wire drawing and insulating ..	-	146.51	144.84	147.31	145.86	-	3.48	3.49	3.41	3.40
336	Nonferrous foundries	138.23	137.02	139.06	134.88	133.63	3.43	3.40	3.40	3.25	3.22
3361	Aluminum castings	-	138.35	139.78	140.37	138.36	-	3.45	3.46	3.35	3.31
3362,9	Other nonferrous castings	-	135.60	138.94	129.05	128.64	-	3.34	3.34	3.14	3.13
339	Miscellaneous primary metal products ...	(*)	169.68	170.87	165.42	167.70	(*)	4.04	4.03	3.92	3.90
3391	Iron and steel forgings	-	173.05	176.82	173.43	174.62	-	4.19	4.19	4.10	4.08
34	FABRICATED METAL PRODUCTS	144.40	141.44	141.36	136.50	137.05	3.43	3.40	3.39	3.25	3.24
341	Metal cans	163.70	162.78	160.36	158.05	164.21	3.87	3.83	3.80	3.65	3.69
342	Cutlery, hand tools, and hardware	134.64	132.02	132.66	132.19	129.17	3.26	3.22	3.22	3.17	3.12
3421,3,5	Cutlery and hand tools, incl. saws	-	130.70	132.07	128.41	125.93	-	3.18	3.19	3.05	3.02
3429	Hardware, n e c	-	133.25	133.58	134.88	131.02	-	3.25	3.25	3.25	3.18
343	Plumbing and heating, except electric ...	130.38	127.98	129.65	126.46	126.88	3.18	3.16	3.17	3.04	3.05
3431,2	Sanitary ware & plumbers' brass goods ..	-	127.44	129.44	130.51	130.00	-	3.21	3.22	3.10	3.11
3433	Heating equipment, except electric	-	128.44	129.48	123.19	124.20	-	3.11	3.12	2.99	3.00
344	Fabricated structural metal products	142.96	139.67	140.69	133.12	132.29	3.42	3.39	3.39	3.20	3.18
3441	Fabricated structural steel	-	140.83	141.52	133.02	131.24	-	3.41	3.41	3.19	3.17
3442	Metal doors, sash, and trim	-	117.01	116.91	113.15	111.52	-	2.94	2.93	2.78	2.74
3443	Fabricated plate work (boiler shops) ..	-	150.78	152.70	143.31	143.31	-	3.59	3.61	3.38	3.38
3444	Sheet metal work	-	145.20	147.44	137.94	136.04	-	3.55	3.57	3.34	3.31
3446,9	Architectural and misc. metal work ...	-	136.12	135.66	129.90	131.35	-	3.28	3.23	3.13	3.12
345	Screw machine products, bolts, etc.	152.33	149.30	147.83	142.25	141.26	3.47	3.44	3.43	3.27	3.24
3451	Screw machine products	-	139.44	141.28	136.31	134.90	-	3.32	3.34	3.17	3.13
3452	Bolts, nuts, rivets, and washers	-	158.33	154.53	148.28	147.29	-	3.55	3.52	3.37	3.34
346	Metal stampings	161.73	158.10	157.44	151.73	157.44	3.77	3.72	3.67	3.57	3.57
347	Metal services, n e c	124.75	123.73	121.91	118.66	117.42	3.05	3.04	3.01	2.88	2.85
348	Misc. fabricated wire products	126.79	125.76	125.15	123.31	121.89	3.10	3.09	3.06	2.95	2.93
349	Misc. fabricated metal products	(*)	137.12	136.21	132.40	131.67	(*)	3.32	3.29	3.16	3.15
3494,8	Valves, pipe, and pipe fittings	-	139.86	140.03	135.88	134.40	-	3.37	3.35	3.22	3.20
35	MACHINERY, EXCEPT ELECTRICAL	159.10	155.61	155.61	148.17	145.94	3.70	3.67	3.67	3.47	3.45
351	Engines and turbines	163.44	157.41	160.74	160.44	161.16	3.91	3.83	3.93	3.82	3.81
3511	Steam engines and turbines	-	(*)	168.38	164.67	172.80	-	(*)	3.99	3.93	4.00
3519	Internal combustion engines, n e c	-	157.14	157.17	158.76	156.29	-	3.88	3.90	3.78	3.73
352	Farm machinery	-	142.88	147.02	137.66	136.57	-	3.59	3.63	3.45	3.44
353	Construction and related machinery	157.56	152.88	153.97	147.58	144.75	3.69	3.64	3.64	3.44	3.43
3531,2	Construction and mining machinery	-	156.04	156.79	150.88	147.62	-	3.76	3.76	3.55	3.54
3533	Oil field machinery	-	148.43	153.22	142.25	140.51	-	3.42	3.42	3.27	3.26
3535,6	Conveyors, hoists, cranes, monorails ..	-	152.34	154.87	144.05	141.95	-	3.61	3.61	3.35	3.34
3537	Industrial trucks and tractors	-	141.96	138.43	143.53	140.04	-	3.38	3.36	3.24	3.19
354	Metal working machinery	180.18	176.40	175.16	165.00	161.39	4.04	4.00	3.99	3.75	3.71
3541	Machine tools, metal cutting types	-	170.56	165.85	161.69	156.09	-	3.93	3.93	3.70	3.63
3544	Special dies, tools, jigs & fixtures	-	197.88	196.99	182.16	177.46	-	4.33	4.32	4.03	3.97
3545	Machine tool accessories	-	154.93	154.14	149.02	144.63	-	3.68	3.67	3.49	3.46
3542,8	Misc. metal working machinery	-	159.71	159.21	148.52	148.01	-	3.68	3.66	3.47	3.45
355	Special industry machinery	153.21	147.15	146.72	140.18	138.78	3.49	3.43	3.42	3.26	3.25
3551	Food products machinery	-	151.36	150.52	139.95	139.11	-	3.52	3.55	3.34	3.32
3552	Textile machinery	-	122.07	123.43	120.40	118.58	-	2.97	2.96	2.80	2.79
3555	Printing trades machinery	-	156.52	158.41	150.38	150.73	-	3.64	3.65	3.53	3.53
356	General industrial machinery	158.24	155.13	154.70	149.29	146.54	3.68	3.65	3.64	3.48	3.44
3561	Pumps and compressors	-	152.08	149.88	147.94	143.38	-	3.57	3.56	3.37	3.35
3562	Ball and roller bearings	-	156.09	157.99	154.30	151.79	-	3.69	3.70	3.58	3.53
3564	Blowers and fans	-	142.52	143.52	138.02	135.58	-	3.33	3.33	3.24	3.19
3566	Power transmission equipment	-	156.45	156.02	148.86	147.06	-	3.63	3.62	3.47	3.42
357	Office and computing machines	154.51	153.72	153.30	145.58	142.88	3.67	3.66	3.65	3.37	3.41
3573	Electronic computing equipment	-	155.13	151.26	155.01	149.02	-	3.65	3.61	3.46	3.41
358	Service industry machines	137.12	134.72	133.82	129.47	129.68	3.32	3.31	3.28	3.15	3.14
3585	Refrigeration machinery	-	(*)	134.31	131.02	131.97	-	(*)	3.30	3.18	3.18
359	Misc. machinery, except electrical	156.24	152.44	153.15	143.95	141.01	3.60	3.57	3.57	3.34	3.31

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.5	41.4	41.7	41.6	41.2	-	3.9	4.1	3.7	3.8
331	Blast furnace and basic steel products	(*)	40.8	41.2	40.5	39.4	-	3.1	3.3	2.1	2.0
3312	Blast furnaces and steel mills	-	40.6	41.0	40.3	39.2	-	-	-	-	-
332	Iron and steel foundries	42.6	41.8	42.3	42.4	42.7	-	4.9	5.4	5.3	5.8
3321	Gray iron foundries	-	41.9	42.7	42.2	43.1	-	-	-	-	-
3322	Malleable iron foundries	-	40.0	40.9	41.3	40.7	-	-	-	-	-
3323	Steel foundries	-	42.3	42.1	43.4	42.6	-	-	-	-	-
333,4	Nonferrous metals	(*)	42.9	42.6	42.9	42.7	-	5.2	4.9	4.7	4.5
3334	Primary aluminum	-	41.7	41.3	42.7	42.1	-	-	-	-	-
335	Nonferrous rolling and drawing	43.1	42.4	42.1	43.3	43.3	-	4.6	4.5	5.2	5.2
3351	Copper rolling and drawing	-	43.0	42.7	43.1	43.1	-	-	-	-	-
3352	Aluminum rolling and drawing	-	42.4	42.7	43.7	43.8	-	-	-	-	-
3357	Nonferrous wire drawing and insulating	-	42.1	41.5	43.2	42.9	-	-	-	-	-
336	Nonferrous foundries	40.3	40.3	40.9	41.5	41.5	-	3.4	3.7	4.5	4.3
3361	Aluminum castings	-	40.1	40.4	41.9	41.8	-	-	-	-	-
3362,9	Other nonferrous castings	-	40.6	41.6	41.1	41.1	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	42.0	42.4	42.2	43.0	-	4.5	5.3	5.6	5.4
3391	Iron and steel forgings	-	41.3	42.2	42.3	42.8	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	42.1	41.6	41.7	42.0	42.3	-	4.1	4.3	4.3	4.8
341	Metal cans	42.3	42.5	42.2	43.3	44.5	-	3.7	3.5	4.0	5.6
342	Cutlery, hand tools, and hardware	41.3	41.0	41.2	41.7	41.4	-	3.2	3.3	3.9	3.6
3421,3,5	Cutlery and hand tools, incl. saws	-	41.1	41.4	42.1	41.7	-	-	-	-	-
3429	Hardware, n e c	-	41.0	41.1	41.5	41.2	-	-	-	-	-
343	Plumbing and heating, except electric	41.0	40.5	40.9	41.6	41.6	-	3.2	3.5	3.9	4.0
3431,2	Sanitary ware & plumbers' brass goods	-	39.7	40.2	42.1	41.8	-	-	-	-	-
3433	Heating equipment, except electric	-	41.3	41.5	41.2	41.4	-	-	-	-	-
344	Fabricated structural metal products	41.8	41.2	41.5	41.6	41.6	-	3.9	4.1	3.9	4.1
3441	Fabricated structural steel	-	41.3	41.5	41.7	41.4	-	-	-	-	-
3442	Metal doors, sash, and trim	-	39.8	39.9	40.7	40.7	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	42.0	42.3	42.4	42.4	-	-	-	-	-
3444	Sheet metal work	-	40.9	41.3	41.3	41.1	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.5	42.0	41.5	42.1	-	-	-	-	-
345	Screw machine products, bolts, etc.	43.9	43.4	43.1	43.5	43.6	-	5.8	5.8	6.3	5.9
3451	Screw machine products	-	42.0	42.3	43.0	43.1	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	44.6	43.9	44.0	44.1	-	-	-	-	-
346	Metal stampings	42.9	42.5	42.9	42.5	44.1	-	4.8	5.2	4.5	6.7
347	Metal services, n e c	40.9	40.7	40.5	41.2	41.2	-	5.0	4.8	4.6	4.3
348	Misc. fabricated wire products	40.9	40.7	40.9	41.8	41.6	-	3.7	4.0	4.1	4.2
349	Misc. fabricated metal products	(*)	41.3	41.4	41.9	41.8	-	3.7	3.6	4.2	4.1
3494,8	Valves, pipe, and pipe fittings	-	41.5	41.8	42.2	42.0	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	43.0	42.4	42.4	42.7	42.3	-	4.5	4.6	4.6	4.3
351	Engines and turbines	41.8	41.1	40.9	42.0	42.3	-	3.3	4.4	4.9	5.0
3511	Steam engines and turbines	-	(*)	42.2	41.9	43.2	-	-	-	-	-
3519	Internal combustion engines, n e c	-	40.5	40.3	42.0	41.9	-	-	-	-	-
352	Farm machinery	-	39.8	40.5	39.9	39.7	-	2.6	2.9	2.4	2.1
353	Construction and related machinery	42.7	42.0	42.3	42.9	42.2	-	3.8	4.1	4.3	3.6
3531,2	Construction and mining machinery	-	41.5	41.7	42.5	41.7	-	-	-	-	-
3533	Oil field machinery	-	43.4	44.8	43.5	43.1	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	42.2	42.9	43.0	42.5	-	-	-	-	-
3537	Industrial trucks and tractors	-	42.0	41.2	44.3	43.9	-	-	-	-	-
354	Metal working machinery	44.6	44.1	43.9	44.0	43.5	-	6.2	5.9	5.7	5.3
3541	Machine tools, metal cutting types	-	43.4	42.2	43.7	43.0	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	45.7	45.6	45.2	44.7	-	-	-	-	-
3545	Machine tool accessories	-	42.1	42.0	42.7	41.8	-	-	-	-	-
3542,8	Misc. metal working machinery	-	43.4	43.5	42.8	42.9	-	-	-	-	-
355	Special industry machinery	43.9	42.9	42.9	43.0	42.7	-	4.9	4.8	4.9	4.6
3551	Food products machinery	-	43.0	42.4	41.9	41.9	-	-	-	-	-
3552	Textile machinery	-	41.1	41.7	43.0	42.5	-	-	-	-	-
3555	Printing trades machinery	-	43.0	43.4	42.6	42.7	-	-	-	-	-
356	General industrial machinery	43.0	42.5	42.5	42.9	42.6	-	4.3	4.6	4.7	4.4
3561	Pumps and compressors	-	42.6	42.1	43.9	42.8	-	-	-	-	-
3562	Ball and roller bearings	-	42.3	42.7	43.1	43.0	-	-	-	-	-
3564	Blowers and fans	-	42.8	43.1	42.6	42.5	-	-	-	-	-
3566	Power transmission equipment	-	43.1	42.9	43.0	43.0	-	-	-	-	-
357	Office and computing machines	42.1	42.0	42.0	43.2	41.9	-	3.6	3.7	4.1	3.2
3573	Electronic computing equipment	-	42.5	41.9	44.8	43.7	-	-	-	-	-
358	Service industry machines	41.3	40.7	40.8	41.1	41.3	-	2.7	2.9	3.2	3.3
3585	Refrigeration machinery	-	(*)	40.7	41.2	41.5	-	-	-	-	-
359	Misc. machinery, except electrical	43.4	42.7	42.9	43.1	42.6	-	5.4	5.5	5.5	5.2

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$129.34	\$126.36	\$126.45	\$123.62	\$122.10	\$3.17	\$3.12	\$3.13	\$3.03	\$3.00
361	Electric test & distributing equipment ...	133.95	132.57	133.81	132.82	132.19	3.22	3.21	3.24	3.17	3.17
3611	Electric measuring instruments	-	(*)	119.90	117.10	116.69	-	(*)	2.99	2.87	2.86
3612	Transformers	-	(*)	137.52	130.82	133.76	-	(*)	3.29	3.16	3.20
3613	Switchgear and switchboard apparatus..	-	(*)	143.22	146.63	143.31	-	(*)	3.41	3.41	3.38
362	Electrical industrial apparatus	136.78	132.89	133.40	130.31	128.03	3.28	3.21	3.23	3.14	3.10
3621	Motors and generators	-	(*)	134.96	133.66	131.36	-	(*)	3.26	3.19	3.15
3622	Industrial controls	-	(*)	129.34	123.93	121.39	-	(*)	3.17	3.03	2.99
363	Household appliances	(*)	131.14	133.25	137.52	132.66	(*)	3.23	3.29	3.29	3.22
3632	Household refrigerators and freezers ...	-	(*)	145.44	157.14	147.91	-	(*)	3.60	3.68	3.59
3633	Household laundry equipment	-	(*)	140.88	142.00	140.27	-	(*)	3.47	3.43	3.38
3634	Electric housewares and fans	-	111.24	110.16	105.85	105.41	-	2.74	2.70	2.62	2.59
364	Electric lighting and wiring equipment ...	121.91	119.39	118.40	113.72	113.81	3.01	2.97	2.96	2.85	2.81
3641	Electric lamps	-	(*)	120.08	109.44	114.90	-	(*)	3.04	2.85	2.83
3642	Lighting fixtures	-	120.29	119.40	113.83	114.74	-	3.03	3.00	2.86	2.84
3643,4	Wiring devices	-	119.54	116.76	115.30	112.46	-	2.93	2.89	2.84	2.77
365	Radio and TV receiving equipment	(*)	104.98	104.06	100.88	101.39	(*)	2.77	2.71	2.60	2.58
366	Communication equipment	150.10	148.97	146.50	138.28	136.37	3.54	3.53	3.53	3.34	3.31
3661	Telephone and telegraph apparatus	-	154.22	152.08	140.90	139.67	-	3.57	3.57	3.42	3.39
3662	Radio and TV communication equipment	-	(*)	143.15	136.95	135.05	-	(*)	3.50	3.30	3.27
367	Electronic components and accessories ..	(*)	107.17	106.50	103.75	103.10	(*)	2.72	2.71	2.62	2.61
3671-3	Electron tubes	-	119.00	120.30	111.33	109.98	-	2.99	3.00	2.84	2.82
3674,9	Other electronic components	-	104.93	103.88	102.03	101.38	-	2.67	2.65	2.57	2.56
369	Misc. electrical equipment & supplies...	137.36	135.34	137.09	142.97	140.19	3.40	3.35	3.36	3.38	3.33
3694	Engine electrical equipment	-	136.42	137.86	146.67	143.44	-	3.48	3.49	3.56	3.49
37	TRANSPORTATION EQUIPMENT	168.05	164.77	165.92	164.86	165.02	4.03	3.98	3.96	3.87	3.82
371	Motor vehicles and equipment	(*)	171.40	173.85	179.20	181.75	(*)	4.14	4.11	4.11	4.03
3711	Motor vehicles	-	177.63	181.90	182.67	188.24	-	4.27	4.26	4.18	4.11
3712	Passenger car bodies	-	175.60	186.19	211.31	201.71	-	4.39	4.33	4.43	4.31
3713	Truck and bus bodies	-	141.23	140.70	137.86	137.94	-	3.47	3.44	3.33	3.34
3714	Motor vehicle parts and accessories ...	-	171.39	171.35	178.42	180.59	-	4.12	4.07	4.13	4.04
3715	Truck trailers	-	126.88	122.22	123.79	121.36	-	3.18	3.11	2.99	2.96
372	Aircraft and parts	(*)	167.98	165.90	159.94	157.50	(*)	3.99	3.95	3.79	3.75
3721	Aircraft	-	169.28	167.56	159.64	158.84	-	4.04	3.98	3.81	3.80
3722	Aircraft engines and engine parts	-	(*)	163.12	162.12	158.30	-	(*)	3.94	3.86	3.76
3723,9	Other aircraft parts and equipment	-	167.23	164.40	158.05	153.06	-	3.88	3.85	3.65	3.61
373	Ship and boat building and repairing	152.56	149.85	152.40	144.01	140.24	3.73	3.70	3.69	3.47	3.48
3731	Ship building and repairing	-	159.96	162.68	152.35	148.74	-	3.94	3.92	3.68	3.70
3732	Boat building and repairing	-	118.19	118.15	115.65	112.61	-	2.94	2.91	2.78	2.76
374	Railroad equipment	-	158.67	162.29	149.63	147.17	-	3.87	3.92	3.75	3.67
375,9	Other transportation equipment	-	117.22	117.51	112.24	113.77	-	2.96	2.96	2.82	2.83
38	INSTRUMENTS AND RELATED PRODUCTS ..	138.51	133.49	131.70	125.97	124.75	3.29	3.24	3.22	3.08	3.05
381	Engineering & scientific instruments ...	-	153.19	150.12	145.43	141.86	-	3.63	3.60	3.43	3.41
382	Mechanical measuring & control devices..	133.08	131.29	128.70	122.11	121.60	3.23	3.21	3.17	3.03	3.01
3821	Mechanical measuring devices	-	134.14	131.29	123.32	122.82	-	3.24	3.21	3.06	3.04
3822	Automatic temperature controls	-	127.35	125.11	119.80	119.29	-	3.16	3.12	2.98	2.96
383,5	Optical and ophthalmic goods	122.82	122.72	122.72	114.51	113.88	3.04	3.03	3.03	2.87	2.84
385	Ophthalmic goods	-	111.67	111.67	103.36	102.70	-	2.82	2.82	2.63	2.60
384	Medical instruments and supplies	114.49	112.16	111.20	108.14	108.00	2.82	2.79	2.78	2.69	2.66
386	Photographic equipment and supplies	(*)	164.21	161.41	152.87	151.23	(*)	3.81	3.78	3.58	3.55
387	Watches, clocks, and watchcases	-	101.66	102.57	96.47	96.61	-	2.60	2.61	2.48	2.49
39	MISC. MANUFACTURING INDUSTRIES	107.25	106.23	105.32	101.14	100.19	2.75	2.71	2.68	2.58	2.53
391	Jewelry, silverware, and plated ware....	124.14	121.99	120.29	116.81	117.83	3.05	2.99	2.97	2.87	2.86
394	Toys and sporting goods	-	92.93	92.34	88.22	88.76	-	2.42	2.38	2.34	2.27
3941-3	Games, toys, dolls & play vehicles	-	87.46	87.55	81.54	84.67	-	2.32	2.28	2.24	2.16
3949	Sporting and athletic goods, n e c	-	101.91	101.12	97.17	95.55	-	2.58	2.56	2.46	2.45
395	Pens, pencils, office and art supplies....	-	103.86	104.66	100.69	100.65	-	2.67	2.67	2.53	2.51
396	Costume jewelry and notions	-	95.10	94.11	93.69	91.65	-	2.47	2.47	2.39	2.35
393,8,9	Other manufacturing industries	120.30	117.81	118.00	109.18	107.86	3.00	2.96	2.95	2.75	2.71
393	Musical instruments and parts	-	116.40	112.58	112.19	110.70	-	2.91	2.85	2.77	2.72
<i>Non-durable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	124.03	122.70	120.88	117.96	116.28	3.04	3.00	2.97	2.87	2.85
201	Meat products	133.12	134.40	132.51	128.21	127.98	3.20	3.20	3.17	3.06	3.04
2011	Meat packing plants	-	165.62	160.07	156.28	155.49	-	3.79	3.74	3.56	3.55
2013	Sausages and other prepared meats	-	144.32	144.32	138.17	139.03	-	3.52	3.52	3.37	3.35
2015	Poultry dressing plants	-	84.21	85.27	76.63	77.82	-	2.10	2.09	1.97	1.97

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . .	40.8	40.5	40.4	40.8	40.7	-	2.9	2.9	3.2	3.0
361	Electric test & distributing equipment . . .	41.6	41.3	41.3	41.9	41.7	-	3.0	3.4	3.7	3.5
3611	Electric measuring instruments	-	(*)	40.1	40.8	40.8	-	-	-	-	-
3612	Transformers	-	(*)	41.8	41.4	41.8	-	-	-	-	-
3613	Switchgear and switchboard apparatus . . .	-	(*)	42.0	43.0	42.4	-	-	-	-	-
362	Electrical industrial apparatus	41.7	41.4	41.3	41.5	41.3	-	3.5	3.9	3.8	3.5
3621	Motors and generators	-	(*)	41.4	41.9	41.7	-	-	-	-	-
3622	Industrial controls	-	(*)	40.8	40.9	40.6	-	-	-	-	-
363	Household appliances	(*)	40.6	40.5	41.8	41.2	-	2.7	2.9	4.0	3.5
3632	Household refrigerators and freezers . . .	-	(*)	40.4	42.7	41.2	-	-	-	-	-
3633	Household laundry equipment	-	(*)	40.6	41.4	41.5	-	-	-	-	-
3634	Electric housewares and fans	-	40.6	40.8	40.4	40.7	-	-	-	-	-
364	Electric lighting and wiring equipment . . .	40.5	40.2	40.0	39.9	40.5	-	2.7	2.9	2.7	2.8
3641	Electric lamps	-	(*)	39.5	38.4	40.6	-	-	-	-	-
3642	Lighting fixtures	-	39.7	39.8	39.8	40.4	-	-	-	-	-
3643,4	Wiring devices	-	40.8	40.4	40.6	40.6	-	-	-	-	-
365	Radio and TV receiving equipment	(*)	37.9	38.4	38.8	39.3	-	1.4	1.5	1.8	2.2
366	Communication equipment	42.4	42.2	41.5	41.4	41.2	-	4.1	3.0	3.6	2.8
3661	Telephone and telegraph apparatus	-	43.2	42.6	41.2	41.2	-	-	-	-	-
3662	Radio and TV communication equipment . . .	-	(*)	40.9	41.5	41.3	-	-	-	-	-
367	Electronic components and accessories . . .	(*)	39.4	39.3	39.6	39.5	-	2.1	2.2	2.2	2.1
3671-3	Electron tubes	-	39.8	40.1	39.2	39.0	-	-	-	-	-
3674,9	Other electronic components	-	39.3	39.2	39.7	39.6	-	-	-	-	-
369	Misc. electrical equipment & supplies . . .	40.4	40.4	40.8	42.3	42.1	-	2.8	3.2	4.0	4.5
3694	Engine electrical equipment	-	39.2	39.5	41.2	41.1	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	41.7	41.4	41.9	42.6	43.2	-	3.7	4.1	4.9	5.6
371	Motor vehicles and equipment	(*)	41.4	42.3	43.6	45.1	-	3.7	4.5	6.0	7.8
3711	Motor vehicles	-	41.6	42.7	43.7	45.8	-	-	-	-	-
3712	Passenger car bodies	-	40.0	43.0	47.7	46.8	-	-	-	-	-
3713	Truck and bus bodies	-	40.7	40.9	41.4	41.3	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	41.6	42.1	43.2	44.7	-	-	-	-	-
3715	Truck trailers	-	39.9	39.3	41.4	41.0	-	-	-	-	-
372	Aircraft and parts	(*)	42.1	42.0	42.2	42.0	-	3.7	3.6	3.9	3.7
3721	Aircraft	-	41.9	42.1	41.9	41.8	-	-	-	-	-
3722	Aircraft engines and engine parts	-	(*)	41.4	42.0	42.1	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	43.1	42.7	43.3	42.4	-	-	-	-	-
373	Ship and boat building and repairing	40.9	40.5	41.3	41.5	40.3	-	3.8	4.1	3.8	3.4
3731	Ship building and repairing	-	40.6	41.5	41.4	40.2	-	-	-	-	-
3732	Boat building and repairing	-	40.2	40.6	41.6	40.8	-	-	-	-	-
374	Railroad equipment	-	41.0	41.4	39.9	40.1	-	3.7	3.8	2.9	2.9
375,9	Other transportation equipment	-	39.6	39.7	39.8	40.2	-	2.4	2.8	2.8	3.3
38	INSTRUMENTS AND RELATED PRODUCTS	42.1	41.2	40.9	40.9	40.9	-	3.3	3.2	3.3	3.1
381	Engineering & scientific instruments	-	42.2	41.7	42.4	41.6	-	4.2	3.9	4.4	3.6
382	Mechanical measuring & control devices . . .	41.2	40.9	40.6	40.3	40.4	-	3.4	3.2	2.9	3.2
3821	Mechanical measuring devices	-	41.4	40.9	40.3	40.4	-	-	-	-	-
3822	Automatic temperature controls	-	40.3	40.1	40.2	40.3	-	-	-	-	-
383,5	Optical and ophthalmic goods	40.4	40.5	40.5	39.9	40.1	-	2.9	3.0	2.4	2.4
385	Ophthalmic goods	-	39.6	39.6	39.3	39.5	-	2.2	2.3	2.2	2.2
384	Medical instruments and supplies	40.6	40.2	40.0	40.2	40.6	-	2.3	2.5	2.8	2.7
386	Photographic equipment and supplies	(*)	43.1	42.7	42.7	42.6	-	4.5	4.0	4.5	4.1
387	Watches, clocks, and watch cases	-	39.1	39.3	38.9	38.8	-	2.0	2.3	2.0	2.0
39	MISC. MANUFACTURING INDUSTRIES	39.0	39.2	39.3	39.2	39.6	-	2.8	2.9	2.8	2.9
391	Jewelry, silverware, and plated ware	40.7	40.8	40.5	40.7	41.2	-	4.0	3.5	3.4	4.1
394	Toys and sporting goods	-	38.4	38.8	37.7	39.1	-	2.2	2.8	2.5	2.5
3941-3	Games, toys, dolls, & play vehicles	-	37.7	38.4	36.4	39.2	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	39.5	39.5	39.5	39.0	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	38.9	39.2	39.8	40.1	-	2.0	2.3	2.3	2.0
396	Costume jewelry and notions	-	38.5	38.1	39.2	39.0	-	2.8	2.9	2.8	2.7
393,8,9	Other manufacturing industries	40.1	39.8	40.0	39.7	39.8	-	3.0	3.1	3.0	3.1
393	Musical instruments and parts	-	40.0	39.5	40.5	40.7	-	3.0	2.2	3.7	3.1
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	40.8	40.9	40.7	41.1	40.8	-	4.2	4.3	4.2	4.2
201	Meat products	41.6	42.0	41.8	41.9	42.1	-	5.3	5.2	5.0	5.2
2011	Meat packing plants	-	43.7	42.8	43.9	43.8	-	-	-	-	-
2013	Sausages and other prepared meats	-	41.0	41.0	41.0	41.5	-	-	-	-	-
2015	Poultry dressing plants	-	40.1	40.8	38.9	39.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	\$130.42	\$129.89	\$128.34	\$122.47	\$121.76	\$3.12	\$3.10	\$3.10	\$2.93	\$2.92
2024	Ice cream and frozen desserts.....	-	119.29	117.12	116.32	114.17	-	2.96	2.95	2.93	2.92
2026	Fluid milk.....	-	137.80	135.53	129.44	128.71	-	3.25	3.25	3.06	3.05
203	Canned, cured, and frozen foods.....	-	95.48	96.58	93.12	89.11	-	2.48	2.47	2.40	2.37
2031,6	Canned, cured, and frozen sea foods...	-	84.04	86.25	76.76	72.08	-	2.29	2.30	2.15	2.12
2032,3	Canned food, except sea foods.....	-	99.31	97.75	99.75	92.48	-	2.54	2.50	2.50	2.44
2037	Frozen fruits and vegetables.....	-	92.67	95.60	87.08	89.10	-	2.37	2.39	2.25	2.25
204	Grain mill products.....	145.15	142.97	140.04	139.54	136.20	3.19	3.17	3.14	3.06	3.02
2041	Flour and other grain mill products...	-	155.98	151.96	146.47	145.01	-	3.27	3.24	3.09	3.04
2042	Prepared feeds for animals and fowls...	-	126.21	122.75	125.68	123.30	-	2.78	2.74	2.75	2.74
205	Bakery products.....	123.51	125.24	122.71	115.60	114.23	3.08	3.10	3.06	2.89	2.87
2051	Bread, cake, and related products.....	-	123.86	123.78	116.40	116.00	-	3.12	3.11	2.91	2.90
2052	Cookies and crackers.....	-	129.68	119.11	112.92	108.25	-	3.03	2.87	2.83	2.79
206	Sugar.....	-	120.13	116.35	115.83	114.28	-	2.82	2.88	2.70	2.67
207	Confectionery and related products.....	101.90	101.79	102.05	97.50	97.46	2.64	2.61	2.61	2.50	2.48
2071	Confectionery products.....	-	98.30	97.91	93.80	93.75	-	2.54	2.53	2.43	2.41
208	Beverages.....	(*)	135.76	136.76	132.40	133.87	(*)	3.49	3.48	3.31	3.33
2082	Malt liquors.....	-	183.60	181.80	176.34	175.07	-	4.50	4.50	4.28	4.27
2086	Bottled and canned soft drinks.....	-	99.94	100.08	99.29	97.75	-	2.63	2.62	2.52	2.50
209	Misc. foods and kindred products.....	124.20	124.20	122.35	119.57	118.58	2.95	2.95	2.92	2.82	2.81
21	TOBACCO MANUFACTURES	100.61	98.74	96.77	96.14	94.50	2.69	2.64	2.52	2.55	2.52
211	Cigarettes.....	-	122.20	117.33	121.06	116.31	-	3.25	3.25	3.12	3.11
212	Cigars.....	-	81.79	81.09	74.26	78.66	-	2.13	2.09	2.04	2.07
22	TEXTILE MILL PRODUCTS	100.19	99.46	98.57	94.85	93.98	2.42	2.42	2.41	2.28	2.27
221	Weaving mills, cotton.....	102.12	101.16	100.67	94.02	93.79	2.42	2.42	2.42	2.26	2.26
222	Weaving mills, synthetics.....	104.06	104.48	104.23	102.52	101.15	2.46	2.47	2.47	2.33	2.32
223	Weaving and finishing mills, wool.....	104.41	101.76	101.76	101.05	98.47	2.48	2.47	2.47	2.35	2.35
224	Narrow fabric mills.....	98.47	97.68	98.16	91.84	90.68	2.39	2.40	2.40	2.24	2.25
225	Knitting mills.....	88.86	88.94	87.71	84.97	86.07	2.32	2.31	2.29	2.19	2.19
2251	Women's hosiery, except socks.....	-	87.55	86.56	85.63	86.94	-	2.28	2.26	2.19	2.19
2252	Hosiery, n e c.....	-	81.58	80.60	73.60	75.40	-	2.13	2.11	2.00	2.00
2253	Knit outerwear mills.....	-	90.64	89.28	85.65	87.02	-	2.43	2.40	2.29	2.29
2254	Knit underwear mills.....	-	78.97	78.60	80.17	80.78	-	2.14	2.13	2.04	2.04
226	Textile finishing, except wool.....	113.10	111.80	107.94	105.90	104.49	2.60	2.60	2.57	2.44	2.43
227	Floor covering mills.....	-	110.25	111.25	103.19	99.79	-	2.50	2.50	2.34	2.31
228	Yarn and thread mills.....	94.02	92.89	91.58	89.46	87.97	2.26	2.26	2.25	2.13	2.13
229	Miscellaneous textile goods.....	(*)	109.98	111.14	107.32	106.68	(*)	2.65	2.64	2.49	2.51
23	APPAREL AND OTHER TEXTILE PRODUCTS	84.84	84.13	83.77	81.36	81.36	2.35	2.35	2.34	2.26	2.26
231	Men's and boys' suits and coats.....	107.54	105.56	104.80	102.38	102.64	2.83	2.83	2.84	2.68	2.68
232	Men's and boys' furnishings.....	77.21	76.43	75.85	72.13	71.74	2.07	2.06	2.05	1.96	1.96
2321	Men's and boys' shirts and nightwear...	-	77.11	76.15	69.67	69.48	-	2.04	2.02	1.93	1.93
2327	Men's and boys' separate trousers.....	-	74.62	73.80	73.52	72.54	-	2.05	2.05	1.95	1.95
2328	Men's and boys' work clothing.....	-	73.66	72.30	71.60	71.04	-	1.98	1.97	1.93	1.92
233	Women's and misses' outerwear.....	83.91	82.67	83.58	80.98	81.22	2.49	2.49	2.51	2.41	2.41
2331	Women's and misses' blouses and waists...	-	78.10	76.56	71.48	72.16	-	2.20	2.20	2.09	2.11
2335	Women's and misses' dresses.....	-	81.09	84.56	81.42	81.42	-	2.55	2.61	2.49	2.49
2337	Women's and misses' suits and coats...	-	94.34	92.40	90.09	91.73	-	2.85	2.80	2.73	2.73
2339	Women's and misses' outerwear, n e c.....	-	76.95	76.30	76.02	74.76	-	2.18	2.18	2.10	2.10
234	Women's and children's undergarments.....	76.47	78.48	78.32	74.83	74.62	2.13	2.15	2.14	2.05	2.05
2341	Women's and children's underwear.....	-	77.07	77.12	73.23	73.20	-	2.10	2.09	1.99	2.00
2342	Corsets and allied garments.....	-	81.72	81.13	78.18	77.90	-	2.27	2.26	2.19	2.17
235	Hats, caps, and millinery.....	-	78.10	76.52	76.11	75.47	-	2.20	2.18	2.12	2.12
236	Children's outerwear.....	76.82	75.82	75.11	72.72	72.42	2.17	2.16	2.14	2.06	2.04
2361	Children's dresses and blouses.....	-	73.49	74.20	70.58	70.99	-	2.13	2.12	2.04	2.04
237,8	Fur goods and miscellaneous apparel....	-	91.36	90.61	84.25	85.80	-	2.51	2.51	2.38	2.39
239	Misc. fabricated textile products.....	92.96	92.34	93.17	93.41	93.51	2.44	2.43	2.42	2.42	2.41
2391,2	Housefurnishings.....	-	82.47	81.90	78.39	77.18	-	2.12	2.10	2.01	2.01
26	PAPER AND ALLIED PRODUCTS	143.09	142.76	142.33	136.90	134.78	3.32	3.32	3.31	3.14	3.12
261,2,6	Paper and pulp mills.....	163.60	163.68	164.42	156.05	154.22	3.66	3.67	3.67	3.46	3.45
263	Paperboard mills.....	(*)	170.38	164.65	161.46	156.50	(*)	3.72	3.70	3.51	3.47
264	Misc. converted paper products.....	126.42	124.50	123.67	120.69	118.14	3.01	3.00	2.98	2.86	2.84
2643	Bags, except textile bags.....	-	117.79	118.28	114.48	111.87	-	2.88	2.85	2.70	2.67
265	Paperboard containers and boxes.....	128.02	127.60	128.83	122.83	122.54	3.07	3.06	3.06	2.89	2.89
2651,2	Folding and setup paperboard boxes...	-	118.40	116.85	111.22	108.39	-	2.86	2.85	2.68	2.65
2653	Corrugated and solid fiber boxes.....	-	135.56	139.97	131.63	133.42	-	3.22	3.24	3.04	3.06
2654	Sanitary food containers.....	-	124.80	124.27	121.38	119.55	-	3.00	2.98	2.89	2.86

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	41.8	41.9	41.4	41.8	41.7	-	4.0	4.0	3.9	3.7
2024	Ice cream and frozen desserts	-	40.3	39.7	39.7	39.1	-	-	-	-	-
2026	Fluid milk	-	42.4	41.7	42.3	42.2	-	-	-	-	-
203	Canned, cured, and frozen foods	-	38.5	39.1	38.8	37.6	-	2.9	3.3	3.2	3.2
2031,6	Canned, cured and frozen sea foods	-	36.7	37.5	35.7	34.0	-	-	-	-	-
2032,3	Canned food, except sea foods	-	39.1	39.1	39.9	37.9	-	-	-	-	-
2037	Frozen fruits and vegetables	-	39.1	40.0	38.7	39.6	-	-	-	-	-
204	Grain mill products	45.5	45.1	44.6	45.6	45.1	-	7.0	7.0	7.4	7.0
2041	Flour and other grain mill product	-	47.7	46.9	47.4	47.7	-	-	-	-	-
2042	Prepared feeds for animals and fowls	-	45.4	44.8	45.7	45.0	-	-	-	-	-
205	Bakery products	40.1	40.4	40.1	40.0	39.8	-	4.3	4.3	3.7	3.6
2051	Bread, cake, and related products	-	39.7	39.8	40.0	40.0	-	-	-	-	-
2052	Cookies and crackers	-	42.8	41.5	39.9	38.8	-	-	-	-	-
206	Sugar	-	42.6	40.4	42.9	42.8	-	4.0	3.6	2.9	3.1
207	Confectionery and related products	38.6	39.0	39.1	39.0	39.3	-	2.5	2.8	2.8	2.8
2071	Confectionery products	-	38.7	38.7	38.6	38.9	-	-	-	-	-
208	Beverages	(*)	38.9	39.3	40.0	40.2	-	2.4	3.1	3.3	3.2
2082	Malt liquors	-	40.8	40.4	41.2	41.0	-	-	-	-	-
2086	Bottled and canned soft drinks	-	38.0	38.2	39.4	39.1	-	-	-	-	-
209	Misc. foods and kindred products	42.1	42.1	41.9	42.4	42.2	-	5.4	5.1	5.3	5.3
21	TOBACCO MANUFACTURES	37.4	37.4	38.4	37.7	37.5	-	1.2	1.5	2.0	1.4
211	Cigarettes	-	37.6	36.1	38.8	37.4	-	.8	1.0	2.0	1.1
212	Cigars	-	38.4	38.8	36.4	38.0	-	1.8	1.8	1.4	1.7
22	TEXTILE MILL PRODUCTS	41.4	41.1	40.9	41.6	41.4	-	4.1	4.0	4.3	4.3
221	Weaving mills, cotton	42.2	41.8	41.6	41.6	41.5	-	4.8	4.6	4.0	4.3
222	Weaving mills, synthetics	42.3	42.3	42.2	44.0	43.6	-	4.5	4.5	5.9	5.7
223	Weaving and finishing mills, wool	42.1	41.2	41.2	43.0	41.9	-	3.8	3.7	5.0	4.4
224	Narrow fabric mills	41.2	40.7	40.9	41.0	40.3	-	3.5	3.7	3.6	3.8
225	Knitting mills	38.3	38.5	38.3	38.8	39.3	-	2.6	2.5	2.8	3.0
2251	Women's hosiery, except socks	-	38.4	38.3	39.1	39.7	-	-	-	-	-
2252	Hosiery, n e c	-	38.3	38.2	36.8	37.7	-	-	-	-	-
2253	Knit outerwear mills	-	37.3	37.2	37.4	38.0	-	-	-	-	-
2254	Knit underwear mills	-	36.9	36.9	39.3	39.6	-	-	-	-	-
226	Textile finishing, except wool	43.5	43.0	42.0	43.4	43.0	-	5.6	4.9	5.7	5.6
227	Floor covering mills	-	44.1	44.5	44.1	43.2	-	5.7	5.9	6.1	5.5
228	Yarn and thread mills	41.6	41.1	40.7	42.0	41.3	-	4.0	3.7	4.5	4.3
229	Miscellaneous textile goods	(*)	41.5	42.1	43.1	42.5	-	4.3	4.7	4.7	4.6
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.1	35.8	35.8	36.0	36.0	-	1.4	1.4	1.4	1.5
231	Men's and boys' suits and coats	38.0	37.3	36.9	38.2	38.3	-	1.4	1.4	1.8	1.7
232	Men's and boys' furnishings	37.3	37.1	37.0	36.8	36.6	-	1.3	1.3	1.0	1.1
2321	Men's and boys' shirts and nightwear	-	37.8	37.7	36.1	36.0	-	-	-	-	-
2327	Men's and boys' separate trousers	-	36.4	36.0	37.7	37.2	-	-	-	-	-
2328	Men's and boys' work clothing	-	37.2	36.7	37.1	37.0	-	-	-	-	-
233	Women's and misses' outerwear	33.7	33.2	33.3	33.6	33.7	-	1.1	1.1	1.2	1.2
2331	Women's and misses' blouses and waists	-	35.5	34.8	34.2	34.2	-	-	-	-	-
2335	Women's and misses' dresses	-	31.8	32.4	32.7	32.7	-	-	-	-	-
2337	Women's and misses' suits and coats	-	33.1	33.0	33.0	33.6	-	-	-	-	-
2339	Women's and misses' outerwear, n e c	-	35.3	35.0	36.2	35.6	-	-	-	-	-
234	Women's and children's undergarments	35.9	36.5	36.6	36.5	36.4	-	1.4	1.5	1.3	1.6
2341	Women's and children's underwear	-	36.7	36.9	36.8	36.6	-	-	-	-	-
2342	Corsets and allied garments	-	36.0	35.9	35.7	35.9	-	-	-	-	-
235	Hats, caps, and millinery	-	35.5	35.1	35.9	35.6	-	1.0	1.1	1.1	1.0
236	Children's outerwear	35.4	35.1	35.1	35.3	35.5	-	1.2	1.3	1.1	1.4
2361	Children's dresses and blouses	-	34.5	35.0	34.6	34.8	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	-	36.4	36.1	35.4	35.9	-	1.4	1.5	1.2	1.5
239	Misc. fabricated textile products	38.1	38.0	38.5	38.6	38.8	-	2.1	2.2	2.4	3.0
2391,2	Housefurnishings	-	38.9	39.0	39.0	38.4	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	43.1	43.0	43.0	43.6	43.2	-	5.5	5.7	5.8	5.7
261,2,6	Paper and pulp mills	44.7	44.6	44.8	45.1	44.7	-	6.6	6.8	6.8	6.7
263	Paperboard mills	(*)	45.8	44.5	46.0	45.1	-	8.4	7.6	8.7	7.9
264	Misc. converted paper products	42.0	41.5	41.5	42.2	41.6	-	4.1	4.2	4.4	4.3
2643	Bags, except textile bags	-	40.9	41.5	42.4	41.9	-	-	-	-	-
265	Paperboard containers and boxes	41.7	41.7	42.1	42.5	42.4	-	4.6	5.1	5.0	5.0
2651,2	Folding and setup paperboard boxes	-	41.4	41.0	41.5	40.9	-	-	-	-	-
2653	Corrugated and solid fiber boxes	-	42.1	43.2	43.3	43.6	-	-	-	-	-
2654	Sanitary food containers	-	41.6	41.7	42.0	41.8	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	\$149.35	\$144.77	\$144.77	\$139.65	\$136.32	\$3.81	\$3.78	\$3.77	\$3.59	\$3.55
271	Newspapers.....	153.92	149.51	148.32	144.62	140.84	4.16	4.13	4.12	3.93	3.88
272	Periodicals.....	-	163.98	164.37	158.34	152.93	-	3.98	3.98	3.77	3.73
273	Books.....	-	131.66	133.00	124.93	123.82	-	3.35	3.35	3.10	3.08
275	Commercial printing	(*)	148.57	149.71	141.77	139.55	(*)	3.79	3.79	3.58	3.56
2751	Commercial printing, ex. lithographic	-	144.26	146.89	138.25	137.55	-	3.68	3.70	3.50	3.50
2752	Commercial printing, lithographic	-	155.63	154.84	147.63	142.72	-	3.95	3.94	3.70	3.65
278	Blankbooks and bookbinding	(*)	109.71	110.38	107.42	104.39	(*)	2.91	2.92	2.79	2.74
274,6,7,9	Other publishing & printing ind.....	146.26	143.61	141.70	140.34	136.70	3.76	3.73	3.69	3.58	3.56
28	CHEMICALS AND ALLIED PRODUCTS	150.72	148.75	147.62	141.46	139.86	3.58	3.55	3.54	3.36	3.33
281	Industrial chemicals	170.71	168.60	166.60	158.90	158.05	3.97	3.93	3.92	3.73	3.71
2812	Alkalies and chlorine	-	177.20	168.63	165.84	166.06	-	4.00	3.94	3.83	3.80
2818	Industrial organic chemicals, n e c.....	-	176.78	175.53	166.92	165.71	-	4.14	4.13	3.90	3.89
2819	Industrial inorganic chemicals, n e c.....	-	158.30	156.42	149.70	148.51	-	3.76	3.76	3.59	3.57
282	Plastics materials and synthetics	147.77	145.74	144.35	140.91	138.74	3.51	3.47	3.47	3.30	3.28
2821	Plastics materials and resins	-	161.32	158.98	151.12	150.77	-	3.70	3.68	3.49	3.49
2823,4	Synthetic fibers	-	130.24	129.44	129.25	126.46	-	3.20	3.22	3.07	3.04
283	Drugs.....	142.42	139.81	138.84	129.69	128.54	3.44	3.41	3.37	3.11	3.09
2834	Pharmaceutical preparations	-	135.53	134.97	125.25	123.82	-	3.33	3.30	3.04	3.02
284	Soap, cleaners, and toilet goods.....	(*)	142.21	144.07	135.22	131.38	(*)	3.46	3.48	3.29	3.22
2841	Soap and other detergents.....	-	183.18	186.62	174.17	165.90	-	4.29	4.34	4.06	3.95
2844	Toilet preparations	-	116.18	116.87	108.38	106.27	-	2.89	2.90	2.73	2.67
285	Paints and allied products.....	137.09	135.20	136.61	131.43	130.92	3.36	3.33	3.34	3.19	3.17
287	Agricultural chemicals	125.33	126.84	126.05	118.16	116.76	3.02	3.02	2.98	2.80	2.78
2871,2	Fertilizers, complete & mixing only	-	119.99	120.13	110.24	110.35	-	2.85	2.82	2.65	2.64
286,9	Other chemical products	(*)	140.42	138.84	134.88	134.92	(*)	3.40	3.37	3.25	3.22
2892	Explosives	-	142.61	143.26	135.34	137.37	-	3.53	3.52	3.35	3.31
29	PETROLEUM AND COAL PRODUCTS	170.89	174.22	173.36	159.56	161.88	4.04	4.08	4.06	3.79	3.80
291	Petroleum refining	177.66	181.04	177.65	166.32	169.55	4.23	4.29	4.25	3.96	3.98
295,9	Other petroleum and coal products	(*)	151.51	159.84	134.94	135.15	(*)	3.42	3.49	3.19	3.18
30	RUBBER AND PLASTICS PRODUCTS, N E C	130.31	128.64	129.27	126.12	124.68	3.14	3.13	3.13	3.01	2.99
301	Tires and inner tubes	191.72	193.91	196.56	186.68	188.78	4.27	4.29	4.32	4.13	4.14
302,3,6	Other rubber products	125.26	122.21	121.10	123.55	120.13	3.07	3.04	3.02	2.97	2.93
302	Rubber footwear	-	99.96	101.30	104.15	103.09	-	2.68	2.68	2.65	2.65
307	Miscellaneous plastics products.....	110.43	108.54	109.08	106.08	105.26	2.72	2.70	2.70	2.60	2.58
31	LEATHER AND LEATHER PRODUCTS	92.58	90.88	88.80	88.32	86.03	2.43	2.43	2.40	2.30	2.27
311	Leather tanning and finishing.....	(*)	118.11	118.01	115.43	113.36	(*)	2.99	2.98	2.85	2.82
314	Footwear, except rubber	90.30	87.93	85.41	86.40	83.10	2.37	2.37	2.34	2.25	2.21
312,3,5-7,5	Other leather products	88.13	88.40	87.66	84.22	84.29	2.35	2.37	2.35	2.24	2.23
316	Luggage	-	90.16	91.72	89.39	88.62	-	2.45	2.42	2.39	2.32
317	Handbags and personal leather goods..	-	86.86	84.27	79.98	82.56	-	2.31	2.29	2.15	2.19
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
4011	Class I railroads ²	-	(*)	(*)	155.49	156.28	-	(*)	(*)	3.55	3.56
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	-	143.23	141.92	127.26	128.47	-	3.27	3.27	3.03	3.03
413	Intercity highway transportation	-	158.76	159.56	153.82	154.80	-	3.92	3.93	3.77	3.73
42	TRUCKING AND WAREHOUSING	-	153.46	155.30	147.00	144.42	-	3.68	3.68	3.50	3.48
421,3	Trucking and trucking terminals	-	157.13	158.63	150.23	148.04	-	3.75	3.75	3.56	3.55
422	Public warehousing	-	114.05	114.33	110.28	106.92	-	2.88	2.83	2.75	2.70
46	PIPE LINE TRANSPORTATION	-	180.53	174.68	171.80	166.86	-	4.35	4.25	4.12	4.05
48	COMMUNICATION	-	136.49	134.67	128.23	132.84	-	3.37	3.35	3.23	3.24
481	Telephone communication	-	135.05	132.51	126.48	132.39	-	3.31	3.28	3.17	3.19
4817	Switchboard operating employees ³	-	101.14	98.19	90.72	100.62	-	2.69	2.69	2.57	2.60
4818	Line construction employees ⁴	-	192.10	192.17	179.14	186.91	-	4.07	4.08	3.92	3.96
482	Telegraph communication ⁵	-	143.44	148.16	136.29	136.95	-	3.49	3.57	3.30	3.30
483	Radio and television broadcasting	-	147.07	145.92	137.99	136.47	-	3.82	3.80	3.67	3.62

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	39.2	38.3	38.4	38.9	38.4	3.3	3.5	3.7	3.3	
271	Newspapers.....	37.0	36.2	36.0	36.8	36.3	3.2	3.1	3.6	2.9	
272	Periodicals.....	-	41.2	41.3	42.0	41.0	5.1	5.3	4.9	4.6	
273	Books	-	39.3	39.7	40.3	40.2	2.7	3.3	3.5	3.3	
275	Commercial printing	(*)	39.2	39.5	39.6	39.2	3.7	4.0	3.9	3.6	
2751	Commercial printing, ex. lithographic	-	39.2	39.7	39.5	39.3	-	-	-	-	
2752	Commercial printing, lithographic	-	39.4	39.3	39.9	39.1	-	-	-	-	
278	Blankbooks and bookbinding	(*)	37.7	37.8	38.5	38.1	2.2	2.7	2.7	2.2	
274,6,7,9	Other publishing & printing ind.....	38.9	38.5	38.4	39.2	38.4	3.1	3.1	3.7	3.2	
28	CHEMICALS AND ALLIED PRODUCTS ..	42.1	41.9	41.7	42.1	42.0	3.3	3.4	3.4	3.4	
281	Industrial chemicals.....	43.0	42.9	42.5	42.6	42.6	3.9	3.9	3.8	3.7	
2812	Alkalies and chlorine.....	-	44.3	42.8	43.3	43.7	-	-	-	-	
2818	Industrial organic chemicals, nec....	-	42.7	42.5	42.8	42.6	-	-	-	-	
2819	Industrial inorganic chemicals, nec..	-	42.1	41.6	41.7	41.6	-	-	-	-	
282	Plastics materials and synthetics	42.1	42.0	41.6	42.7	42.3	3.2	2.9	3.4	3.0	
2821	Plastics materials and resins	-	43.6	43.2	43.3	43.2	-	-	-	-	
2823,4	Synthetic fibers	-	40.7	40.2	42.1	41.6	-	-	-	-	
283	Drugs	41.4	41.0	41.2	41.7	41.6	2.8	3.2	3.3	3.4	
2834	Pharmaceutical preparations.....	-	40.7	40.9	41.2	41.0	-	-	-	-	
284	Soap, cleaners, and toilet goods.....	(*)	41.1	41.4	41.1	40.8	3.4	3.6	3.2	3.0	
2841	Soap and other detergents	-	42.7	43.0	42.9	42.0	-	-	-	-	
2844	Toilet preparations	-	40.2	40.3	39.7	39.8	-	-	-	-	
285	Paints and allied products.....	40.8	40.6	40.9	41.2	41.3	2.5	3.1	2.9	2.9	
287	Agricultural chemicals	41.5	42.0	42.3	42.2	42.0	4.5	4.2	4.0	3.6	
2871,2	Fertilizers, complete & mixing only..	-	42.1	42.6	41.6	41.8	-	-	-	-	
286,9	Other chemical products	(*)	41.3	41.2	41.5	41.9	2.8	2.9	2.9	4.0	
2892	Explosives	-	40.4	40.7	40.4	41.5	-	-	-	-	
29	PETROLEUM AND COAL PRODUCTS	42.3	42.7	42.7	42.1	42.6	3.8	4.3	3.5	3.8	
291	Petroleum refining.....	42.0	42.2	41.8	42.0	42.6	2.9	3.1	3.1	3.2	
295,9	Other petroleum and coal products.....	(*)	44.3	45.8	42.3	42.5	6.9	8.2	4.8	5.9	
30	RUBBER AND PLASTICS PRODUCTS, NEC.	41.5	41.1	41.3	41.9	41.7	4.1	4.4	4.5	4.5	
301	Tires and inner tubes.....	44.9	45.2	45.5	45.2	45.6	7.4	7.9	6.6	7.1	
302,3,6	Other rubber products	40.8	40.2	40.1	41.6	41.0	3.0	3.2	4.2	3.7	
302	Rubber footwear	-	37.3	37.8	39.3	38.9	2.3	2.1	2.6	2.4	
307	Miscellaneous plastics products	40.6	40.2	40.4	40.8	40.8	3.6	3.8	4.0	4.1	
31	LEATHER AND LEATHER PRODUCTS	38.1	37.4	37.0	38.4	37.9	2.0	1.7	2.2	2.0	
311	Leather tanning and finishing	(*)	39.5	39.6	40.5	40.2	3.3	3.4	3.8	3.7	
314	Footwear, except rubber.....	38.1	37.1	36.5	38.4	37.6	1.8	1.4	1.9	1.6	
312,3,5-7,9	Other leather products	37.5	37.3	37.3	37.6	37.8	2.0	2.1	2.4	2.5	
316	Luggage	-	36.8	37.9	37.4	38.2	2.1	2.8	3.0	3.0	
317	Handbags and personal leather goods..	-	37.6	36.8	37.2	37.7	1.9	2.0	2.0	2.6	
	TRANSPORTATION AND PUBLIC UTILITIES:										
	RAILROAD TRANSPORTATION:										
311	Class I railroads ²	-	(*)	(*)	43.8	43.9	-	-	-	-	
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	43.8	43.4	42.0	42.4	-	-	-	-	
413	Intercity highway transportation	-	40.5	40.6	40.8	41.5	-	-	-	-	
42	TRUCKING AND WAREHOUSING	-	41.7	42.2	42.0	41.5	-	-	-	-	
421,3	Trucking and trucking terminals	(*)	41.9	42.3	42.2	41.7	-	-	-	-	
422	Public warehousing	-	39.6	40.4	40.1	39.6	-	-	-	-	
46	PIPE LINE TRANSPORTATION	-	41.5	41.1	41.7	41.2	-	-	-	-	
48	COMMUNICATION	-	40.5	40.2	39.7	41.0	-	-	-	-	
481	Telephone communication	-	40.8	40.4	39.9	41.5	-	-	-	-	
4817	Switchboard operating employees ³	-	37.6	36.5	35.3	38.7	-	-	-	-	
4818	Line construction employees ⁴	-	47.2	47.1	45.7	47.2	-	-	-	-	
482	Telegraph communication ⁵	-	41.1	41.5	41.3	41.5	-	-	-	-	
483	Radio and television broadcasting.....	-	38.5	38.4	37.6	37.7	-	-	-	-	

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$167.62	\$166.38	\$155.96	\$157.17	-	\$4.01	\$3.99	\$3.74	\$3.76
491	Electric companies and systems	-	168.89	169.26	157.73	159.68	-	4.05	4.03	3.81	3.82
492	Gas companies and systems	-	152.81	151.57	144.55	144.70	-	3.70	3.67	3.50	3.47
493	Combination companies and systems...	-	185.71	182.25	171.23	171.35	-	4.38	4.36	4.01	4.07
494-7	Water, steam, & sanitary systems	-	139.52	136.94	127.10	127.20	-	3.37	3.34	3.10	3.11
-	WHOLESALE AND RETAIL TRADE.....	\$92.56	92.58	92.13	87.96	87.33	\$2.60	2.63	2.61	2.45	2.46
50	WHOLESALE TRADE	135.27	133.87	132.59	125.74	124.40	3.34	3.33	3.29	3.12	3.11
501	Motor vehicles & automotive equipment ..	-	124.03	122.61	117.01	118.01	-	3.04	3.02	2.84	2.83
502	Drugs, chemicals, and allied products...	-	136.72	135.09	126.68	124.23	-	3.47	3.42	3.24	3.21
503	Dry goods and apparel	-	123.66	122.95	117.62	117.31	-	3.28	3.27	3.12	3.12
504	Groceries and related products	-	123.11	122.41	117.10	115.78	-	3.07	3.03	2.87	2.88
506	Electrical goods	-	139.96	137.28	134.54	128.44	-	3.27	3.23	3.10	3.08
507	Hardware; plumbing & heating equipment ..	-	126.80	126.63	120.60	121.50	-	3.17	3.15	3.00	3.03
508	Machinery, equipment, and supplies.....	-	148.10	146.37	141.80	141.80	-	3.63	3.57	3.51	3.51
509	Miscellaneous wholesalers.....	-	135.83	133.85	124.66	122.53	-	3.43	3.38	3.14	3.11
52-59	RETAIL TRADE.....	79.69	79.30	79.20	76.47	75.70	2.33	2.36	2.35	2.21	2.22
53	Retail general merchandise	-	71.64	72.50	70.72	69.32	-	2.26	2.28	2.13	2.18
531	Department stores	-	74.57	75.75	73.02	72.45	-	2.39	2.42	2.24	2.30
532	Mail order houses	-	83.07	84.37	88.66	79.55	-	2.36	2.39	2.20	2.26
533	Variety stores	-	55.91	55.61	56.25	54.42	-	1.87	1.86	1.78	1.82
54	Food stores.....	-	83.78	83.14	78.00	78.81	-	2.61	2.59	2.43	2.44
541-3	Grocery, meat, and vegetable stores...	-	85.60	84.36	79.21	80.03	-	2.65	2.62	2.46	2.47
56	Apparel and accessory stores	-	68.89	69.11	68.22	65.21	-	2.18	2.18	2.08	2.07
561	Men's & boys' clothing & furnishings ..	-	85.51	83.91	82.48	79.97	-	2.53	2.49	2.37	2.38
562	Women's ready-to-wear stores	-	61.81	62.22	61.82	59.14	-	2.02	2.02	1.92	1.92
565	Family clothing stores	-	64.55	65.73	64.22	60.48	-	1.98	2.01	1.97	1.92
566	Shoe stores.....	-	68.25	69.62	67.80	66.58	-	2.26	2.29	2.18	2.19
57	Furniture and home furnishings stores...	-	107.59	106.02	103.79	101.41	-	2.90	2.85	2.71	2.69
571	Furniture and home furnishings.....	-	106.96	105.84	103.52	101.04	-	2.86	2.83	2.71	2.68
58	Eating and drinking places ⁶	-	54.87	54.56	53.77	52.80	-	1.77	1.76	1.67	1.65
52,55,59	Other retail trade.....	-	99.41	99.30	94.82	93.84	-	2.63	2.62	2.45	2.45
52	Building materials and farm equipment ..	-	108.38	108.26	101.81	101.56	-	2.73	2.72	2.52	2.52
551,2	Motor vehicle dealers.....	-	130.47	130.47	122.25	122.25	-	3.19	3.19	2.96	2.96
553,9	Other automotive & accessory dealers...	-	110.54	110.68	104.48	103.57	-	2.67	2.68	2.47	2.46
591	Drug stores and proprietary stores	-	72.59	71.42	70.05	68.58	-	2.29	2.26	2.11	2.11
594	Book and stationery stores	-	84.50	82.83	80.44	78.92	-	2.50	2.48	2.38	2.37
598	Fuel and ice dealers.....	-	119.52	116.85	123.27	119.14	-	2.88	2.85	2.86	2.83
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	109.89	110.86	109.07	104.99	103.69	2.97	2.98	2.94	2.83	2.81
60	Banking	-	100.34	98.95	95.12	94.86	-	2.69	2.66	2.55	2.55
61	Credit agencies other than banks	-	103.19	100.66	96.27	94.75	-	2.73	2.67	2.54	2.52
612	Savings and loan associations	-	99.80	97.57	93.98	92.00	-	2.69	2.63	2.54	2.50
62	Security, commodity brokers & services...	-	176.24	168.06	174.46	169.34	-	4.65	4.53	4.64	4.54
63	Insurance carriers	-	118.18	116.12	109.73	109.37	-	3.16	3.13	2.99	2.98
631	Life insurance	-	120.53	118.99	109.55	108.89	-	3.24	3.26	3.06	3.05
632	Accident and health insurance	-	106.72	103.74	95.85	95.83	-	2.90	2.85	2.67	2.64
633	Fire, marine, and casualty insurance...	-	118.31	116.73	113.70	113.02	-	3.13	3.08	3.00	2.99
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	66.53	65.82	61.25	60.01	-	1.89	1.87	1.74	1.70
721	Personal Services: Laundries and dry cleaning plants.....	-	73.95	74.21	70.83	69.91	-	2.06	2.05	1.93	1.91
722	Photographic studios	-	84.73	84.68	85.88	84.67	-	2.38	2.32	2.29	2.27
781	Motion pictures: Motion picture filming & distributing..	-	186.59	185.47	169.31	170.14	-	4.70	4.66	4.16	4.16

NOTE: Data for the 2 most recent months are preliminary.

**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				
		Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.8	41.7	41.7	41.8	-	-	-	-	-
491	Electric companies and systems.....	-	41.7	42.0	41.4	41.8	-	-	-	-	-
492	Gas companies and systems.....	-	41.3	41.3	41.3	41.7	-	-	-	-	-
493	Combination companies and systems..	-	42.4	41.8	42.7	42.1	-	-	-	-	-
494-7	Water, steam & sanitary systems.....	-	41.4	41.0	41.0	40.9	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE.....	35.6	35.2	35.3	35.9	35.5	-	-	-	-	-
50	WHOLESALE TRADE.....	40.5	40.2	40.3	40.3	40.0	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	40.8	40.6	41.2	41.7	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	39.4	39.5	39.1	38.7	-	-	-	-	-
503	Dry goods and apparel.....	-	37.7	37.6	37.7	37.6	-	-	-	-	-
504	Groceries and related products.....	-	40.1	40.4	40.8	40.2	-	-	-	-	-
506	Electrical goods.....	-	42.8	42.5	43.4	41.7	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	40.0	40.2	40.2	40.1	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.8	41.0	40.4	40.4	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	39.6	39.6	39.7	39.4	-	-	-	-	-
52-59	RETAIL TRADE.....	34.2	33.6	33.7	34.6	34.1	-	-	-	-	-
53	Retail general merchandise.....	-	31.7	31.8	33.2	31.8	-	-	-	-	-
531	Department stores.....	-	31.2	31.3	32.6	31.5	-	-	-	-	-
532	Mail order houses.....	-	35.2	35.3	40.3	35.2	-	-	-	-	-
533	Variety stores.....	-	29.9	29.9	31.6	29.9	-	-	-	-	-
54	Food stores.....	-	32.1	32.1	32.1	32.3	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	32.3	32.2	32.2	32.4	-	-	-	-	-
56	Apparel and accessory stores.....	-	31.6	31.7	32.8	31.5	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.8	33.7	34.8	33.6	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	30.6	30.8	32.2	30.8	-	-	-	-	-
565	Family clothing stores.....	-	32.6	32.7	32.6	31.5	-	-	-	-	-
566	Shoe stores.....	-	30.2	30.4	31.1	30.4	-	-	-	-	-
57	Furniture and home furnishings stores..	-	37.1	37.2	38.3	37.7	-	-	-	-	-
571	Furniture and home furnishings.....	-	37.4	37.4	38.2	37.7	-	-	-	-	-
58	Eating and drinking places ⁴	-	31.0	31.0	32.2	32.0	-	-	-	-	-
52,55,59	Other retail trade.....	-	37.8	37.9	38.7	38.3	-	-	-	-	-
52	Building materials and farm equipment	-	39.7	39.8	40.4	40.3	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.9	40.9	41.3	41.3	-	-	-	-	-
553,9	Other automotive & accessory dealers.	-	41.4	41.3	42.3	42.1	-	-	-	-	-
591	Drug stores and proprietary stores...	-	31.7	31.6	33.2	32.5	-	-	-	-	-
594	Book and stationery stores.....	-	33.8	33.4	33.8	33.3	-	-	-	-	-
598	Fuel and ice dealers.....	-	41.5	41.0	43.1	42.1	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	37.0	37.2	37.1	37.1	36.9	-	-	-	-	-
60	Banking.....	-	37.3	37.2	37.3	37.2	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.8	37.7	37.9	37.6	-	-	-	-	-
612	Savings and loan associations.....	-	37.1	37.1	37.0	36.8	-	-	-	-	-
62	Security, commodity brokers & services.	-	37.9	37.1	37.6	37.3	-	-	-	-	-
63	Insurance carriers.....	-	37.4	37.1	36.7	36.7	-	-	-	-	-
631	Life insurance.....	-	37.2	36.5	35.8	35.7	-	-	-	-	-
632	Accident and health insurance.....	-	36.8	36.4	35.9	36.3	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.8	37.9	37.9	37.8	-	-	-	-	-
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	35.2	35.2	35.2	35.3	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	35.9	36.2	36.7	36.6	-	-	-	-	-
722	Photographic studios.....	-	35.6	36.5	37.5	37.3	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	39.7	39.8	40.7	40.9	-	-	-	-	-

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. June 1969: \$158.78, \$3.65, and 43.5.

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.

NOTE: Data for the 2 most recent months are 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	1969										1968		
	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.
EXECUTIVE BRANCH													
Total employment	2,679.6	2,679.3	2,767.2	2,804.5	2,795.9	2,704.5	2,712.0	2,701.9	2,704.2	2,699.3	2,734.3	2,667.6	2,658.9
Average weekly hours	39.5	39.3	39.6	39.4	39.4	39.4	39.5	39.5	39.9	39.5	39.8	39.5	39.3
Average overtime hours . . . . .	.9	1.0	.9	.8	1.0	1.0	1.0	1.1	1.0	1.0	1.8	1.0	1.1
Indexes (1965=100):													
Average weekly earnings	127.2	126.0	124.7	119.1	117.8	118.9	117.5	117.5	118.7	117.5	119.0	117.2	115.8
Average hourly earnings	130.4	129.8	127.5	123.7	121.1	122.2	120.5	120.5	120.5	120.5	121.1	120.2	119.3
DEPARTMENT OF DEFENSE													
Total employment	1,102.8	1,111.6	1,142.9	1,167.5	1,162.4	1,125.2	1,128.2	1,129.0	1,130.4	1,131.3	1,090.6	1,093.1	1,094.1
Average weekly hours	40.1	39.6	39.7	38.5	40.2	39.9	39.8	40.2	40.7	40.2	39.5	40.0	40.1
Average overtime hours . . . . .	.8	.9	1.0	.9	1.2	1.0	.8	1.2	1.2	1.3	1.2	1.1	1.4
Indexes (1965=100):													
Average weekly earnings	126.8	125.2	123.8	118.4	118.2	119.9	116.5	117.4	118.8	117.7	115.6	115.7	114.8
Average hourly earnings	129.0	129.0	126.9	125.5	120.0	122.6	119.4	119.1	119.1	119.4	119.4	118.0	116.8
POST OFFICE DEPARTMENT													
Total employment	725.5	726.5	741.0	739.8	736.6	723.1	720.9	718.5	718.4	718.5	795.4	721.8	711.5
Average weekly hours	38.8	38.7	38.7	39.1	38.4	38.5	38.8	38.7	39.4	38.6	41.4	39.3	38.6
Average overtime hours	1.3	1.2	.9	.8	.9	1.1	1.3	1.2	1.0	1.1	4.0	1.2	1.2
Indexes (1965=100):													
Average weekly earnings	118.4	117.8	116.6	117.8	111.1	112.0	113.2	112.6	114.3	112.3	123.7	114.0	112.0
Average hourly earnings	126.1	125.7	124.4	124.4	119.5	120.1	120.5	120.1	119.8	120.1	123.4	119.8	119.8
OTHER AGENCIES													
Total employment	851.3	859.2	883.3	897.2	896.9	856.2	862.9	854.4	855.4	849.5	848.3	852.7	853.3
Average weekly hours	39.3	39.4	40.0	39.6	39.2	39.6	39.8	39.3	39.4	39.2	38.9	39.1	38.8
Average overtime hours . . . . .	.8	.8	.8	.8	.9	.9	.9	.8	.8	.7	.7	.8	.7
Indexes (1965=100):													
Average weekly earnings	135.1	133.8	131.4	122.0	122.9	124.2	122.9	121.9	122.4	121.8	121.4	122.1	120.1
Average hourly earnings	135.8	134.1	129.8	121.7	123.8	122.0	122.5	122.5	122.8	122.8	123.3	123.3	122.2

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				
	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
MANUFACTURING	\$3.15	\$3.12	\$3.10	\$2.97	\$2.94
DURABLE GOODS	3.34	3.31	3.29	3.15	3.11
Ordnance and accessories	-	3.44	3.40	3.24	3.19
Lumber and wood products	-	2.72	2.69	2.49	2.50
Furniture and fixtures	-	2.59	2.57	2.43	2.42
Stone, clay, and glass products	-	3.11	3.08	2.89	2.89
Primary metal industries	-	3.68	3.67	3.51	3.46
Fabricated metal products	-	3.24	3.22	3.09	3.06
Machinery, except electrical	-	3.48	3.48	3.29	3.28
Electrical equipment and supplies	-	3.02	3.02	2.92	2.90
Transportation equipment	-	3.82	3.77	3.66	3.59
Instruments and related products	-	3.12	3.10	2.96	2.94
Miscellaneous manufacturing industries	-	2.62	2.59	2.49	2.44
NONDURABLE GOODS	2.87	2.85	2.83	2.70	2.69
Food and kindred products	-	2.86	2.82	2.73	2.71
Tobacco manufactures	-	2.60	2.47	2.49	2.47
Textile mill products	-	2.30	2.30	2.16	2.16
Apparel and other textile products	-	2.30	2.30	2.22	2.21
Paper and allied products	-	3.12	3.10	2.94	2.93
Printing and publishing	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.42	3.40	3.23	3.20
Petroleum and coal products	-	3.90	3.87	3.64	3.64
Rubber and plastics products, n e c	-	2.98	2.97	2.86	2.84
Leather and leather products	-	2.36	2.35	2.24	2.21

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.

NOTE: Data for the 2 most recent months are 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 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Nov. 1969	Oct. 1969	Nov. 1968	Worker with no dependents			Worker with three dependents		
				Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
TOTAL PRIVATE:									
Current dollars	\$117.00	\$117.25	\$109.50	\$92.71	\$92.89	\$87.64	\$101.82	\$102.01	\$96.55
1957-59 dollars	89.66	90.33	88.74	71.04	71.56	71.02	78.02	78.59	78.24
MINING:									
Current dollars	158.67	159.71	148.52	123.20	123.98	116.23	134.23	135.08	126.65
1957-59 dollars	121.59	123.04	120.36	94.41	95.52	94.19	102.86	104.07	102.63
CONTRACT CONSTRUCTION:									
Current dollars	183.65	190.08	159.35	142.00	146.65	124.31	154.52	159.74	135.38
1957-59 dollars	140.73	146.44	129.13	108.81	112.98	100.74	118.41	123.07	109.71
MANUFACTURING:									
Current dollars	132.36	131.87	125.97	103.99	103.63	99.80	113.63	113.25	109.22
1957-59 dollars	101.43	101.59	102.08	79.69	79.84	80.88	87.07	87.25	88.51
WHOLESALE AND RETAIL TRADE:									
Current dollars	92.58	92.13	87.33	74.61	74.27	70.95	83.10	82.74	79.24
1957-59 dollars	70.94	70.98	70.77	57.17	57.22	57.50	63.68	63.74	64.21
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	110.86	109.07	103.69	88.20	86.89	83.35	97.14	95.78	92.11
1957-59 dollars	84.95	84.03	84.03	67.59	66.94	67.54	74.44	73.79	74.64

¹For coverage of series, see footnote 1, table B-2.
NOTE: Data for the current month are preliminary.

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

Industry	1957-59=100				
	Dec. 1969	Nov. 1969	Oct. 1969	Dec. 1968	Nov. 1968
	Man-hours				
TOTAL	117.6	118.2	120.8	117.4	117.2
MINING	83.8	82.5	83.3	81.4	80.5
CONTRACT CONSTRUCTION	115.9	120.6	128.8	110.3	109.2
MANUFACTURING	119.7	119.6	121.2	120.5	120.5
DURABLE GOODS	125.4	125.0	127.6	126.6	126.3
Ordnance and accessories	186.7	193.6	192.9	232.6	232.1
Lumber and wood products	90.6	90.6	92.6	94.6	93.2
Furniture and fixtures	134.8	133.1	134.9	135.2	133.6
Stone, clay, and glass products	112.1	114.9	116.1	112.0	112.7
Primary metal industries	114.4	114.1	114.4	109.2	106.0
Fabricated metal products	135.1	133.4	133.5	132.4	133.2
Machinery, except electrical	139.4	136.6	137.3	135.5	134.4
Electrical equipment and supplies	142.1	141.4	152.9	148.5	147.5
Transportation equipment	118.5	119.2	122.3	125.9	127.1
Instruments and related products	132.5	130.6	129.4	129.9	129.2
Miscellaneous manufacturing industries	112.3	116.1	118.6	110.9	118.8
NONDURABLE GOODS	112.1	112.6	112.8	112.6	112.9
Food and kindred products	96.2	100.7	102.5	97.0	98.8
Tobacco manufactures	79.8	81.6	90.9	86.4	87.4
Textile mill products	105.7	105.3	104.6	108.7	108.6
Apparel and other textile products	117.6	117.4	117.9	117.3	118.7
Paper and allied products	123.5	123.2	122.5	122.7	121.2
Printing and publishing	124.1	121.1	120.8	120.8	118.8
Chemicals and allied products	124.9	123.8	122.6	124.5	124.0
Petroleum and coal products	82.5	83.4	84.3	81.2	83.6
Rubber and plastics products, nec.	165.0	164.6	165.1	164.7	163.7
Leather and leather products	91.5	89.4	87.5	96.4	96.2
	Payrolls				
MINING	124.6	122.2	122.7	113.9	112.0
CONTRACT CONSTRUCTION	204.9	211.5	225.8	177.7	175.7
MANUFACTURING	185.7	184.2	186.0	177.1	175.6

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED HOURS

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

Industry	Dec. 1969	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968
TOTAL PRIVATE	37.5	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.5	37.8	37.6
MINING	43.6	43.4	42.9	43.2	43.2	42.6	42.0	43.4	43.8	42.8	43.3	43.3	43.3
CONTRACT CONSTRUCTION	38.2	38.2	37.5	38.1	37.9	37.5	37.6	38.1	38.0	37.9	38.0	38.2	37.6
MANUFACTURING	40.6	40.5	40.5	40.8	40.6	40.7	40.7	40.7	40.8	40.9	40.1	40.6	40.8
<i>Overtime hours</i>	3.4	3.5	3.5	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.5	3.8	3.7
DURABLE GOODS	41.2	41.1	41.2	41.5	41.3	41.2	41.3	41.4	41.4	41.5	40.9	41.3	41.3
<i>Overtime hours</i>	3.4	3.5	3.7	3.9	3.8	3.8	3.9	3.8	3.8	3.9	3.8	3.8	3.9
<i>Ordnance and accessories</i>	40.3	40.5	40.1	40.4	40.4	40.2	40.9	40.6	40.9	40.8	40.3	40.0	41.3
<i>Lumber and wood products</i>	40.8	40.3	40.0	40.1	39.8	39.7	40.2	40.3	40.2	40.9	40.8	40.0	41.1
<i>Furniture and fixtures</i>	40.1	39.9	39.9	40.1	40.3	40.1	40.7	40.9	40.9	40.7	40.1	40.6	40.5
<i>Stone, clay, and glass products</i>	42.0	42.1	41.7	42.1	42.1	41.7	41.9	42.1	42.0	42.3	42.2	41.8	42.0
<i>Primary metal industries</i>	41.5	41.6	42.2	42.2	42.0	41.5	41.7	41.7	41.8	41.9	41.6	41.7	41.6
<i>Fabricated metal products</i>	41.8	41.4	41.4	41.5	41.6	41.6	41.8	41.6	41.8	41.9	41.2	41.8	41.7
<i>Machinery, except electrical</i>	42.5	42.4	42.4	42.7	42.6	42.2	42.5	42.6	42.6	42.7	42.3	42.5	42.2
<i>Electrical equipment and supplies</i>	40.2	40.1	40.2	40.5	40.4	40.3	40.6	40.6	40.9	40.7	39.7	40.4	40.2
<i>Transportation equipment</i>	41.0	40.5	41.3	41.8	41.2	42.3	41.6	41.1	41.5	41.6	41.6	41.4	41.8
<i>Instruments and related products</i>	41.7	41.0	40.7	41.0	40.9	40.9	40.9	40.8	40.8	40.7	39.7	40.7	40.5
<i>Miscellaneous manufacturing industries</i>	38.8	38.8	38.8	39.0	39.0	39.1	39.2	39.1	39.5	39.0	37.6	39.2	39.0
NONDURABLE GOODS	39.8	39.5	39.5	39.7	39.6	39.7	39.8	39.8	39.8	39.9	39.1	39.8	39.9
<i>Overtime hours</i>	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.6	3.4
<i>Food and kindred products</i>	40.6	40.7	40.5	41.0	40.9	40.6	40.7	40.8	40.9	40.9	40.7	40.6	40.9
<i>Tobacco manufactures</i>	36.8	37.4	37.2	37.4	37.2	38.2	39.5	38.1	36.4	36.5	36.6	37.2	37.1
<i>Textile mill products</i>	41.0	40.8	40.6	40.8	40.9	41.2	41.2	41.0	41.1	40.9	39.9	40.6	41.2
<i>Apparel and other textile products</i>	36.2	35.8	35.7	35.8	35.9	36.0	36.2	36.1	36.0	36.0	35.2	36.2	36.1
<i>Paper and allied products</i>	42.7	42.8	42.7	42.8	42.8	43.0	42.9	43.0	43.4	43.2	42.5	43.5	43.2
<i>Printing and publishing</i>	38.8	38.3	38.3	38.3	38.4	38.5	38.4	38.4	38.3	38.3	37.9	38.4	38.5
<i>Chemicals and allied products</i>	41.9	41.8	41.7	41.6	41.9	41.9	41.8	41.8	41.6	41.7	41.7	41.9	41.9
<i>Petroleum and coal products</i>	42.9	42.7	42.6	42.0	42.8	42.9	42.2	43.0	42.9	43.2	42.6	41.8	42.7
<i>Rubber and plastics products, nec</i>	41.1	40.8	40.9	41.0	40.9	41.2	41.3	41.4	41.4	41.4	40.7	41.5	41.5
<i>Leather and leather products</i>	37.5	37.4	37.3	37.1	36.8	37.0	37.4	37.6	37.7	37.6	35.3	37.6	37.8
WHOLESALE AND RETAIL TRADE	35.4	35.5	35.5	35.7	35.8	35.7	35.7	35.7	35.6	35.7	35.7	35.8	35.7
WHOLESALE TRADE	40.3	40.2	40.3	40.3	40.3	40.0	40.0	40.1	40.2	40.1	40.1	40.1	40.0
RETAIL TRADE	33.9	34.0	33.9	34.2	34.3	34.2	34.2	34.3	34.1	34.3	34.2	34.4	34.3
FINANCE, INSURANCE, AND REAL ESTATE ...	36.9	37.2	37.1	37.1	37.0	37.0	37.2	37.0	37.1	37.1	37.1	37.2	37.0

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

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

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

1957-59=100

Industry	Dec. 1969	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968
TOTAL	117.3	117.0	117.3	118.4	119.0	118.0	118.6	118.1	118.1	118.3	116.8	117.4	116.9
MINING	84.1	83.2	82.1	83.0	82.8	81.4	78.9	81.7	82.8	81.1	82.5	82.0	81.7
CONTRACT CONSTRUCTION	121.2	121.3	117.6	119.5	118.1	117.9	119.5	119.3	117.4	117.7	118.0	117.7	115.3
MANUFACTURING	118.3	117.9	119.1	120.0	121.0	119.8	120.4	119.7	120.0	120.3	118.4	119.1	119.0
DURABLE GOODS	123.5	123.2	126.0	127.2	128.5	126.2	126.9	125.8	126.3	126.8	124.9	125.3	124.5
Ordnance and accessories	181.4	190.3	189.6	196.7	205.7	211.5	216.3	219.3	222.1	226.2	221.1	220.6	226.6
Lumber and wood products	92.8	91.7	90.8	92.3	92.0	92.1	94.7	95.3	94.2	96.3	95.9	94.2	96.0
Furniture and fixtures	130.6	129.7	131.0	131.6	132.9	131.6	134.6	135.6	135.9	134.2	132.3	132.9	130.8
Stone, clay, and glass products	114.1	114.1	113.3	113.9	113.5	112.2	114.0	113.3	113.6	115.7	115.9	114.2	113.9
Primary metal industries	115.3	116.5	118.6	118.3	115.7	113.2	113.7	112.2	111.9	112.9	111.5	111.0	110.0
Fabricated metal products	132.8	131.0	131.0	132.5	132.9	132.2	132.8	132.1	132.4	133.0	130.1	131.3	129.9
Machinery, except electrical	138.3	137.4	138.7	139.0	137.3	136.3	138.1	137.3	137.7	137.3	136.7	136.3	134.0
Electrical equipment and supplies	137.5	137.6	150.2	150.7	150.7	150.4	150.6	150.8	150.6	149.3	144.7	146.0	143.8
Transportation equipment	113.3	113.9	118.3	121.7	131.2	121.7	120.0	115.7	118.6	119.9	119.4	119.9	120.0
Instruments and related products	130.2	129.0	128.5	129.9	130.9	130.4	130.9	131.5	130.6	130.2	125.7	128.5	127.5
Miscellaneous manufacturing industries	113.1	108.1	109.3	109.3	109.9	111.8	111.4	110.8	112.3	111.2	106.3	112.4	111.8
NONDURABLE GOODS	111.4	111.0	110.0	110.6	111.2	111.5	112.1	111.8	111.7	111.8	109.8	111.0	111.8
Food and kindred products	96.5	97.9	95.0	97.3	97.5	96.2	96.8	97.4	97.6	97.8	97.9	96.9	97.3
Tobacco manufactures	71.8	74.1	73.7	76.4	79.4	79.2	83.1	80.2	75.5	76.8	77.0	80.5	78.0
Textile mill products	104.5	103.9	103.1	103.9	104.3	106.2	106.2	105.5	106.2	106.3	104.1	106.1	107.5
Apparel and other textile products	118.2	116.1	115.9	116.3	116.9	117.8	119.1	118.8	118.2	117.6	114.3	119.0	117.7
Paper and allied products	121.8	121.9	121.4	121.7	121.7	121.8	121.7	121.6	121.6	122.4	120.4	122.1	121.0
Printing and publishing	122.0	120.4	120.2	119.3	119.3	119.4	118.9	118.1	118.3	118.5	117.0	118.8	118.7
Chemicals and allied products	124.9	124.2	123.1	123.0	124.9	125.1	125.4	124.2	123.6	124.5	124.5	124.5	124.5
Petroleum and coal products	85.0	83.9	83.0	81.2	83.4	84.3	82.9	83.8	83.6	82.8	71.0	50.4	83.9
Rubber and plastics products, nec	161.2	160.7	161.9	162.6	163.3	164.9	165.3	164.2	163.5	163.5	160.4	162.0	161.0
Leather and leather products	89.3	88.4	88.2	87.1	89.1	89.0	91.5	92.3	92.5	92.6	87.2	94.1	94.3

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

NOTE: Data for the 2 most recent months are preliminary.

**OUTPUT PER MAN-HOUR
SEASONALLY ADJUSTED**

**C-9: Output per man-hour, hourly compensation, and unit labor costs,
private economy, seasonally adjusted**

(Indexes 1957-59=100)

Year and quarter	Output		Man-hours		Output per man-hour		Compensation per man-hour ¹		Real compensation per man-hour ²		Unit labor costs	
	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam
1966: 1st Quarter	143.2	144.8	109.4	113.7	130.9	127.3	139.2	135.5	124.9	121.6	106.3	106.5
2d Quarter	144.3	146.3	109.8	114.5	131.5	127.7	142.0	137.9	126.1	122.5	108.0	108.0
3d Quarter	145.3	147.4	110.5	115.5	131.5	127.6	144.0	139.6	126.7	122.9	109.5	109.4
4th Quarter	146.9	149.0	110.6	115.5	132.9	129.0	146.5	141.9	128.0	123.9	110.3	110.0
Annual average	144.9	146.9	110.1	114.8	131.7	127.9	142.9	138.8	126.5	122.8	108.5	108.5
1967: 1st Quarter	146.4	148.2	110.6	115.5	132.4	128.3	147.9	143.5	129.0	125.2	111.7	111.9
2d Quarter	147.2	148.9	109.6	114.9	134.4	129.6	150.3	145.5	130.1	126.0	111.9	112.3
3d Quarter	148.9	150.7	110.3	115.3	134.9	130.6	152.2	147.6	130.4	126.4	112.9	113.0
4th Quarter	150.2	152.1	110.9	116.0	135.4	131.1	154.3	149.7	131.1	127.2	114.0	114.2
Annual average	148.2	150.0	110.4	115.4	134.3	129.9	151.2	146.6	130.1	126.2	112.6	112.9
1968: 1st Quarter	152.4	154.3	111.2	116.4	137.0	132.6	158.5	153.6	133.3	129.2	115.7	115.9
2d Quarter	155.2	157.5	112.2	117.5	138.3	134.1	160.8	155.7	133.7	129.4	116.3	116.1
3d Quarter	156.7	159.0	112.7	118.3	139.0	134.4	163.7	158.1	134.5	129.8	117.8	117.6
4th Quarter	158.1	160.6	112.6	118.3	140.4	135.8	167.8	162.0	136.3	131.5	119.6	119.4
Annual average	155.6	157.9	112.2	117.6	138.7	134.2	162.7	157.4	134.4	130.0	117.4	117.3
1969: 1st Quarter	159.1	161.5	113.7	119.6	139.9	135.0	170.5	164.4	136.7	131.8	121.8	121.8
2d Quarter	159.9	162.3	114.6	120.7	139.5	134.5	172.7	166.5	136.2	131.3	123.8	123.8
3d Quarter	160.7	163.1	115.0	121.4	139.8	134.3	175.7	169.0	136.7	131.4	125.8	125.8
Percent change from previous quarter ³												
1966: 1st Quarter	2.0	2.1	0.5	0.8	1.5	1.2	2.1	1.8	1.4	1.0	0.6	0.5
2d Quarter	0.8	1.0	0.4	0.7	0.4	0.3	2.0	1.8	0.9	0.7	1.6	1.5
3d Quarter	0.7	0.8	0.7	0.9	0.0	- 0.1	1.4	1.2	0.5	0.3	1.4	1.3
4th Quarter	1.1	1.1	0.1	0.0	1.0	1.1	1.8	1.6	1.0	0.8	0.7	0.5
1967: 1st Quarter	- 0.4	- 0.6	0.0	- 0.1	- 0.4	- 0.5	1.0	1.2	0.8	1.0	1.3	1.7
2d Quarter	0.6	0.5	- 0.9	- 0.5	1.5	1.0	1.6	1.3	0.9	0.6	0.1	0.3
3d Quarter	1.1	1.2	0.7	0.4	0.4	0.7	1.3	1.4	0.2	0.4	0.9	0.7
4th Quarter	0.9	1.0	0.5	0.6	0.4	0.4	1.4	1.4	0.5	0.6	1.0	1.1
1968: 1st Quarter	1.5	1.5	0.3	0.3	1.2	1.2	2.7	2.6	1.7	1.6	1.5	1.4
2d Quarter	1.8	2.0	0.9	0.9	0.9	1.1	1.5	1.3	0.3	0.2	0.5	0.2
3d Quarter	1.0	1.0	0.5	0.7	0.5	0.3	1.8	1.6	0.6	0.3	1.3	1.3
4th Quarter	0.9	1.0	- 0.1	0.0	0.9	1.0	2.5	2.5	1.3	1.3	1.6	1.5
1969: 1st Quarter	0.7	0.6	0.9	1.1	- 0.3	- 0.6	1.6	1.4	0.3	0.2	1.8	2.0
2d Quarter	0.5	0.5	0.8	0.9	- 0.3	- 0.4	1.3	1.3	- 0.4	- 0.4	1.7	1.7
3d Quarter	0.5	0.5	0.3	0.6	0.2	- 0.1	1.7	1.5	0.3	0.0	1.6	1.4
Percent change from previous year ⁴												
1968: 1st Quarter	4.1	4.1	0.6	0.8	3.5	3.3	7.2	7.0	3.4	3.2	3.5	3.6
2d Quarter	5.4	5.8	2.4	2.3	2.9	3.4	7.0	7.0	2.7	2.7	3.9	3.5
3d Quarter	5.3	5.6	2.1	2.6	3.1	2.9	7.6	7.2	3.1	2.7	4.4	4.1
4th Quarter	5.3	5.6	1.5	1.9	3.7	3.6	8.8	8.3	3.9	3.4	4.9	4.5
1969: 1st Quarter	4.4	4.6	2.2	2.8	2.1	1.8	7.6	7.0	2.6	2.0	5.3	5.1
2d Quarter	3.0	3.0	2.2	2.7	0.8	0.3	7.4	7.0	1.9	1.5	6.5	6.6
3d Quarter	2.5	2.5	2.0	2.6	0.5	- 0.1	7.3	6.9	1.7	1.2	6.8	6.9

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

² Compensation per man-hour adjusted for changes in the consumer price index.

³ Percent change based on aggregates.

⁴ Current quarter divided by comparable quarter a year ago.

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

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
ALABAMA	\$112.88	\$113.30	\$107.23	40.9	41.2	41.4	\$2.76	\$2.75	\$2.59
Birmingham	130.00	134.72	125.97	40.0	41.2	40.9	3.25	3.27	3.08
Mobile	131.46	129.90	129.99	42.0	41.5	42.9	3.13	3.13	3.03
ALASKA	(*)	196.12	159.20	(*)	39.7	36.1	(*)	4.94	4.41
ARIZONA	126.08	126.32	123.93	39.9	40.1	40.9	3.16	3.15	3.03
Phoenix	126.32	126.32	124.95	39.6	40.1	40.7	3.19	3.15	3.07
Tucson	135.71	131.14	125.66	41.0	40.6	41.2	3.31	3.23	3.05
ARKANSAS	94.72	96.05	90.63	39.8	40.7	40.1	2.38	2.36	2.26
Fort Smith	91.57	91.41	84.85	39.3	39.4	39.1	2.33	2.32	2.17
Little Rock-North Little Rock	99.00	100.60	97.10	39.6	40.4	40.8	2.50	2.49	2.38
Pine Bluff	118.96	122.48	109.85	40.6	41.1	39.8	2.93	2.98	2.76
CALIFORNIA	148.71	148.67	142.16	40.3	40.4	40.5	3.69	3.68	3.51
Anaheim-Santa Ana-Garden Grove	151.94	148.92	143.18	41.4	40.8	41.5	3.67	3.65	3.45
Bakersfield	156.11	150.26	146.85	41.3	40.5	41.6	3.78	3.71	3.53
Fresno	119.25	123.80	117.95	37.5	39.3	38.8	3.18	3.15	3.04
Los Angeles-Long Beach	145.35	145.60	139.13	40.6	40.9	40.8	3.58	3.56	3.41
Modesto-Turlock	127.44	123.33	124.43	39.7	38.3	39.5	3.21	3.22	3.15
Oxnard-Ventura	125.50	126.49	127.82	37.8	38.8	41.5	3.32	3.26	3.08
Sacramento	159.15	153.18	158.38	39.2	38.2	40.3	4.06	4.01	3.93
Salinas-Monterey	122.84	133.39	123.70	37.0	39.7	38.9	3.32	3.36	3.18
San Bernardino-Riverside-Ontario	142.36	141.91	134.50	40.1	40.2	39.1	3.55	3.53	3.44
San Diego	161.96	161.18	151.10	40.9	40.6	40.4	3.96	3.97	3.74
San Francisco-Oakland	162.74	162.76	155.62	39.5	39.6	39.8	4.12	4.11	3.91
San Jose	157.18	154.77	150.14	40.2	40.2	40.8	3.91	3.85	3.68
Santa Barbara	135.77	132.50	129.92	39.7	39.2	40.1	3.42	3.38	3.24
Santa Rosa	129.70	129.69	122.77	38.6	39.3	39.1	3.36	3.30	3.14
Stockton	146.96	146.49	136.07	39.4	39.7	39.1	3.73	3.69	3.48
Vallejo-Napa	136.88	137.83	128.52	37.5	38.5	37.8	3.65	3.58	3.40
COLORADO	(*)	(*)	130.33	(*)	(*)	40.6	(*)	(*)	3.21
Denver	(*)	(*)	133.98	(*)	(*)	40.6	(*)	(*)	3.30
CONNECTICUT	140.53	139.44	132.19	42.2	42.0	42.1	3.33	3.32	3.14
Bridgeport	142.80	142.72	137.38	42.0	42.1	42.4	3.40	3.39	3.24
Hartford	152.69	148.94	145.62	43.5	42.8	43.6	3.51	3.48	3.34
New Britain	143.47	141.79	133.56	42.7	42.2	42.0	3.36	3.36	3.18
New Haven	139.28	138.44	131.87	41.7	41.7	41.6	3.34	3.32	3.17
Stamford	151.98	148.67	136.08	43.3	42.6	42.0	3.51	3.49	3.24
Waterbury	128.75	125.56	122.36	41.4	40.9	41.2	3.11	3.07	2.97
DELAWARE	132.40	131.53	139.02	40.0	40.1	42.0	3.31	3.28	3.31
Wilmington	146.77	147.06	152.76	40.1	40.4	42.2	3.66	3.64	3.62
DISTRICT OF COLUMBIA :									
Washington SMSA	(*)	142.16	130.70	(*)	39.6	38.9	(*)	3.59	3.36
FLORIDA	118.14	115.49	110.46	41.6	41.1	42.0	2.84	2.81	2.63
Fort Lauderdale-Hollywood	124.31	118.26	111.30	41.3	40.5	42.0	3.01	2.92	2.65
Jacksonville	(*)	122.47	109.48	(*)	41.8	40.7	(*)	2.93	2.69
Miami	114.82	111.79	103.25	41.6	40.8	41.8	2.76	2.74	2.47
Orlando	111.28	116.48	116.14	39.6	41.9	43.5	2.81	2.78	2.67
Pensacola	134.60	131.95	132.32	41.8	40.6	43.1	3.22	3.25	3.07
Tampa-St. Petersburg	(*)	116.20	115.56	(*)	41.5	42.8	(*)	2.80	2.70
West Palm Beach	131.67	133.93	123.48	43.6	44.2	44.9	3.02	3.03	2.75
GEORGIA	107.98	107.53	101.43	40.9	41.2	41.4	2.64	2.61	2.45
Atlanta	136.15	135.38	128.33	40.4	40.9	41.8	3.37	3.31	3.07
Savannah	131.61	132.06	120.67	41.0	42.6	41.9	3.21	3.10	2.88
HAWAII	128.96	130.82	118.37	40.3	40.5	40.4	3.20	3.23	2.93
Honolulu	131.70	134.64	119.50	40.4	40.8	40.1	3.26	3.30	2.98
IDAHO	120.85	126.81	117.87	37.3	38.9	38.9	3.24	3.26	3.03
ILLINOIS	146.18	144.48	138.73	41.0	41.0	41.5	3.57	3.52	3.34
Chicago	(*)	146.59	140.09	(*)	41.1	41.5	(*)	3.57	3.38
Davenport-Rock Island-Moline	(*)	153.40	152.38	(*)	39.2	39.8	(*)	3.91	3.83

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
ILLINOIS (continued)									
Peoria	(*)	\$168.41	161.71	(*)	41.3	42.4	(*)	\$4.08	\$3.81
Rockford	(*)	145.84	144.18	(*)	41.9	43.4	(*)	3.48	3.32
INDIANA	\$145.75	146.01	141.17	40.6	40.9	41.4	\$3.59	3.57	3.41
Indianapolis	(*)	144.89	147.40	(*)	40.7	42.6	(*)	3.56	3.46
IOWA	142.66	142.26	135.80	40.3	40.3	40.8	3.54	3.53	3.33
Cedar Rapids	142.33	142.27	135.75	40.9	41.0	41.2	3.48	3.47	3.29
Des Moines	153.41	158.80	143.15	40.8	41.9	40.5	3.76	3.79	3.53
Dubuque	164.72	157.38	145.95	39.5	38.2	38.9	4.17	4.12	3.75
Sioux City	130.60	132.40	134.46	41.2	41.9	44.0	3.17	3.16	3.06
Waterloo	160.40	158.80	155.90	40.2	39.9	40.9	3.99	3.98	3.81
KANSAS	131.29	131.17	132.86	42.1	42.2	42.8	3.12	3.11	3.10
Topeka	160.86	164.14	153.90	45.5	46.4	45.2	3.54	3.54	3.40
Wichita	135.92	134.43	136.30	42.1	41.9	42.2	3.23	3.21	3.23
KENTUCKY	123.78	124.62	120.88	39.8	40.2	40.7	3.11	3.10	2.97
Louisville	140.84	138.01	139.11	39.9	39.6	41.4	3.53	3.48	3.36
LOUISIANA	132.37	130.93	124.86	43.4	42.1	41.9	3.05	3.11	2.98
Baton Rouge	153.91	159.98	149.00	42.4	42.1	41.5	3.63	3.80	3.59
New Orleans	133.90	135.38	130.42	41.2	41.4	41.8	3.25	3.27	3.12
Shreveport	124.02	123.77	115.75	41.9	42.1	42.4	2.96	2.94	2.73
MAINE	105.18	105.06	99.05	40.3	40.1	40.1	2.61	2.62	2.47
Lewiston-Auburn	84.24	84.01	83.99	36.0	35.9	37.0	2.34	2.34	2.27
Portland	110.40	111.23	103.36	40.0	40.3	39.3	2.76	2.76	2.63
MARYLAND	135.38	131.45	125.45	40.9	40.2	40.6	3.31	3.27	3.09
Baltimore	141.32	136.00	128.39	41.2	40.0	40.5	3.43	3.40	3.17
MASSACHUSETTS	121.66	122.85	117.41	39.5	39.5	39.8	3.08	3.11	2.95
Boston	128.70	131.32	126.40	39.0	39.2	40.0	3.30	3.35	3.16
Brockton	103.01	104.99	99.94	36.4	37.1	38.0	2.83	2.83	2.63
Fall River	87.58	92.05	84.38	33.3	35.0	34.3	2.63	2.63	2.46
Lawrence-Haverhill	116.22	115.42	109.30	39.8	39.8	39.6	2.92	2.90	2.76
Lowell	109.57	107.03	102.44	39.7	38.5	39.4	2.76	2.78	2.60
New Bedford	95.79	98.10	92.87	36.7	37.3	37.0	2.61	2.63	2.51
Springfield-Chicopee-Holyoke	128.47	127.20	120.10	40.4	40.0	39.9	3.18	3.18	3.01
Worcester	135.20	130.80	126.23	40.6	40.0	40.2	3.33	3.27	3.14
MICHIGAN	167.84	169.24	172.69	41.4	42.3	44.6	4.05	4.00	3.87
Ann Arbor	158.20	161.35	185.78	39.6	40.5	45.4	4.00	3.98	4.09
Battle Creek	160.61	162.14	152.67	42.1	42.4	42.8	3.82	3.82	3.57
Bay City	150.27	146.90	152.34	40.9	41.3	42.9	3.67	3.56	3.55
Detroit	180.37	182.84	183.74	42.3	43.4	46.2	4.26	4.21	3.98
Flint	182.73	186.12	194.65	40.4	41.9	44.4	4.52	4.44	4.38
Grand Rapids	143.80	146.48	134.87	39.9	40.7	40.2	3.60	3.60	3.36
Jackson	159.14	156.56	151.49	40.3	40.0	40.8	3.95	3.91	3.71
Kalamazoo	161.06	159.47	147.91	43.6	43.5	41.9	3.69	3.67	3.53
Lansing	171.97	172.30	193.15	41.3	41.8	45.9	4.16	4.12	4.21
Muskegon-Muskegon Heights	147.99	150.45	129.88	40.7	41.7	38.3	3.64	3.61	3.39
Saginaw	168.10	174.95	174.72	40.8	42.3	43.3	4.12	4.14	4.04
MINNESOTA	138.98	140.61	130.30	40.9	41.4	40.9	3.40	3.40	3.19
Duluth-Superior	129.74	127.50	119.16	39.2	39.1	38.7	3.31	3.26	3.08
Minneapolis-St. Paul	146.89	149.31	137.83	41.3	41.7	41.3	3.56	3.58	3.34
MISSISSIPPI	96.35	96.12	94.02	41.0	40.9	41.6	2.35	2.35	2.26
Jackson	92.97	92.75	92.70	40.6	40.5	41.2	2.29	2.29	2.26
MISSOURI	130.94	130.15	127.80	39.8	39.8	40.7	3.29	3.27	3.14
Kansas City	129.92	129.20	132.39	40.1	40.0	41.5	3.24	3.23	3.19
St. Joseph	145.84	139.53	137.71	44.6	42.8	45.3	3.27	3.26	3.04
St. Louis	148.64	147.46	143.72	40.5	40.4	41.3	3.67	3.65	3.48
Springfield	106.91	106.87	-	39.0	39.4	-	2.74	2.71	-
MONTANA	140.05	139.55	136.29	39.9	40.1	41.3	3.51	3.48	3.30
NEBRASKA	129.98	128.54	125.78	42.7	42.7	43.4	3.04	3.01	2.89
Omaha	132.32	131.57	126.99	42.0	41.9	42.4	3.15	3.14	3.00

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
NEVADA.....	\$159.58	\$159.20	\$156.02	39.5	39.7	39.8	\$4.04	\$4.01	\$3.92
NEW HAMPSHIRE.....	105.72	105.34	100.44	39.3	39.6	39.7	2.69	2.66	2.53
Manchester.....	97.15	95.88	89.21	38.4	38.2	37.8	2.53	2.51	2.36
NEW JERSEY.....	136.78	135.22	130.29	41.2	41.1	41.1	3.32	3.29	3.17
Atlantic City.....	110.15	108.00	103.06	40.2	40.0	40.1	2.74	2.70	2.57
Camden ¹	136.45	134.79	130.60	41.1	40.6	41.2	3.32	3.32	3.17
Jersey City.....	143.56	141.88	130.19	42.6	42.1	41.2	3.37	3.37	3.16
Newark ²	135.41	134.94	131.24	40.3	40.4	41.4	3.36	3.34	3.17
Paterson-Clifton-Passaic ²	138.61	137.03	131.33	41.5	41.4	41.3	3.34	3.31	3.18
Perth Amboy ²	138.38	139.47	138.11	40.7	40.9	41.6	3.40	3.41	3.32
Trenton.....	131.46	127.84	128.84	40.7	40.2	40.9	3.23	3.18	3.15
NEW MEXICO.....	102.22	105.20	103.42	38.0	39.4	40.4	2.69	2.67	2.56
Albuquerque.....	112.18	119.39	115.75	39.5	41.6	42.4	2.84	2.87	2.73
NEW YORK.....	(*)	130.68	125.51	(*)	39.6	40.1	(*)	3.30	3.13
Albany-Schenectady-Troy.....	135.60	142.27	139.44	40.6	41.0	41.5	3.34	3.47	3.36
Binghamton.....	138.89	136.10	125.33	43.0	42.4	41.5	3.23	3.21	3.02
Buffalo.....	156.56	156.49	152.34	41.2	41.4	42.2	3.80	3.78	3.61
Elmira.....	120.26	121.83	111.74	39.3	39.3	38.8	3.06	3.10	2.88
Monroe County ³	162.05	160.02	153.91	42.2	42.0	42.4	3.84	3.81	3.63
Nassau and Suffolk Counties ⁴	130.28	129.82	126.79	39.6	39.7	40.9	3.29	3.27	3.10
New York-Northeastern New Jersey.....	(*)	129.32	123.78	(*)	39.4	39.8	(*)	3.28	3.11
New York SMSA ²	(*)	123.33	118.65	(*)	38.3	38.9	(*)	3.22	3.05
New York City.....	(*)	121.66	116.35	(*)	37.9	38.4	(*)	3.21	3.03
Rochester.....	155.72	153.67	147.63	42.2	42.1	42.3	3.69	3.65	3.49
Rockland County ⁴	138.32	133.22	130.90	42.3	41.5	42.5	3.27	3.21	3.08
Syracuse.....	143.59	139.74	134.46	41.5	41.1	41.5	3.46	3.40	3.24
Utica-Rome.....	127.26	126.86	120.72	40.4	40.4	41.2	3.15	3.14	2.93
Westchester County ⁴	130.28	127.92	127.48	39.6	39.0	40.6	3.29	3.28	3.14
NORTH CAROLINA.....	97.27	96.63	91.80	40.7	40.6	40.8	2.39	2.38	2.25
Asheville.....	93.73	93.38	88.62	40.4	40.6	40.1	2.32	2.30	2.21
Charlotte.....	101.27	101.11	97.58	41.0	41.1	41.7	2.47	2.46	2.34
Greensboro-Winston-Salem-High Point.....	103.89	102.96	97.02	39.5	39.6	39.6	2.63	2.60	2.45
Raleigh.....	99.31	97.44	89.72	40.7	40.6	39.7	2.44	2.40	2.26
NORTH DAKOTA.....	113.75	117.53	108.38	39.8	41.1	39.4	2.86	2.86	2.75
Fargo-Moorhead.....	122.43	129.17	117.50	38.5	40.7	40.5	3.18	3.17	2.90
OHIO.....	154.03	154.19	148.61	41.6	41.9	42.5	3.70	3.68	3.50
Akron.....	174.79	174.54	166.95	43.1	43.1	43.5	4.06	4.05	3.84
Canton.....	152.30	153.70	138.74	41.1	41.3	40.3	3.71	3.72	3.44
Cincinnati.....	138.69	143.04	139.67	41.3	42.0	43.0	3.36	3.41	3.25
Cleveland.....	160.15	161.50	156.31	42.1	42.6	43.5	3.80	3.79	3.59
Columbus.....	143.70	141.83	138.61	40.8	40.7	40.9	3.52	3.48	3.39
Dayton.....	170.44	171.85	164.62	41.9	42.3	42.9	4.07	4.06	3.84
Toledo.....	167.56	168.31	158.67	42.7	43.3	42.5	3.92	3.89	3.73
Youngstown-Warren.....	159.02	156.15	150.62	40.4	40.1	40.7	3.94	3.89	3.70
OKLAHOMA.....	124.61	123.60	117.29	41.4	41.2	41.3	3.01	3.00	2.84
Oklahoma City.....	122.72	120.72	113.44	41.6	41.2	41.4	2.95	2.93	2.74
Tulsa.....	138.36	137.28	130.42	41.8	41.6	41.8	3.31	3.30	3.12
OREGON.....	145.78	138.68	133.43	39.4	38.1	38.9	3.70	3.64	3.43
Eugene.....	155.01	144.00	138.51	40.9	37.5	40.5	3.79	3.84	3.42
Portland.....	144.20	139.71	132.90	39.4	38.7	38.3	3.66	3.61	3.47
PENNSYLVANIA.....	130.28	129.92	121.79	39.6	40.1	39.8	3.29	3.24	3.06
Allentown-Bethlehem-Easton.....	126.04	126.29	114.90	38.9	39.1	38.3	3.24	3.23	3.00
Altoona.....	108.70	109.14	98.81	39.1	39.4	38.3	2.78	2.77	2.58
Erie.....	139.85	141.01	133.35	42.9	42.6	42.2	3.26	3.31	3.16
Harrisburg.....	121.39	119.39	109.65	40.6	40.2	39.3	2.99	2.97	2.79
Johnstown.....	127.88	129.58	114.98	37.5	38.0	36.5	3.41	3.41	3.15
Lancaster.....	122.40	122.25	111.91	40.8	41.3	40.4	3.00	2.96	2.77
Philadelphia.....	139.26	138.51	130.17	40.6	40.5	40.3	3.43	3.42	3.23
Pittsburgh.....	146.86	149.11	139.95	39.8	40.3	40.1	3.69	3.70	3.49
Reading.....	120.40	117.51	116.85	40.0	39.7	41.0	3.01	2.96	2.85
Scranton.....	98.95	101.23	94.50	37.2	38.2	37.5	2.66	2.65	2.52
Wilkes-Barre-Hazleton.....	95.53	93.86	88.09	36.6	36.1	36.4	2.61	2.60	2.42
York.....	125.99	122.40	113.42	43.0	42.5	41.7	2.93	2.88	2.72

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968	Nov. 1969	Oct. 1969	Nov. 1968
RHODE ISLAND.....	\$110.40	\$109.33	\$103.60	40.0	39.9	40.0	\$2.76	\$2.74	\$2.59
Providence-Pawtucket-Warwick.....	111.76	110.95	105.85	40.2	40.2	40.4	2.78	2.76	2.62
SOUTH CAROLINA.....	101.60	100.70	95.45	41.3	41.1	41.5	2.46	2.45	2.30
Charleston.....	117.83	117.96	117.03	41.2	41.1	41.5	2.86	2.87	2.82
Greenville.....	102.41	101.75	94.66	41.8	41.7	41.7	2.45	2.44	2.27
SOUTH DAKOTA.....	126.22	124.70	130.66	44.6	43.6	47.0	2.83	2.86	2.78
Sioux Falls.....	153.12	148.16	157.42	48.0	46.3	52.3	3.19	3.20	3.01
TENNESSEE.....	106.78	106.25	101.91	40.6	40.4	40.6	2.63	2.63	2.51
Chattanooga.....	120.12	118.66	113.71	42.0	41.2	41.5	2.86	2.88	2.74
Knoxville.....	117.61	117.31	112.87	39.6	39.9	40.6	2.97	2.94	2.78
Memphis.....	117.56	119.95	114.40	40.4	40.8	41.6	2.91	2.94	2.75
Nashville.....	115.87	113.43	110.97	40.8	39.8	41.1	2.84	2.85	2.70
TEXAS.....	127.82	127.71	121.30	41.5	41.6	41.4	3.08	3.07	2.93
Amarillo.....	114.54	116.62	109.13	41.2	41.5	42.3	2.78	2.81	2.58
Austin.....	100.80	101.50	97.51	40.0	40.6	39.8	2.52	2.50	2.45
Beaumont-Port Arthur-Orange.....	161.13	163.90	151.66	41.0	41.6	41.1	3.93	3.94	3.69
Corpus Christi.....	151.71	146.30	146.69	43.1	41.8	43.4	3.52	3.50	3.38
Dallas.....	121.36	121.54	115.18	41.0	41.2	40.7	2.96	2.95	2.83
El Paso.....	79.80	82.04	86.52	38.0	38.7	41.2	2.10	2.12	2.10
Fort Worth.....	141.37	141.37	128.34	42.2	42.2	41.4	3.35	3.35	3.10
Galveston-Texas City.....	176.66	188.35	169.74	40.8	43.6	41.5	4.33	4.32	4.09
Houston.....	155.05	154.00	143.86	43.8	44.0	43.2	3.54	3.50	3.33
Lubbock.....	109.50	109.87	101.09	43.8	43.6	43.2	2.50	2.52	2.34
San Antonio.....	110.77	102.30	96.10	41.3	42.1	41.6	2.44	2.43	2.31
Waco.....	110.83	110.83	105.88	40.3	40.3	41.2	2.75	2.75	2.57
Wichita Falls.....	102.18	97.77	94.60	41.2	40.4	40.6	2.48	2.42	2.33
UTAH.....	130.32	124.79	124.82	38.9	37.7	39.5	3.35	3.31	3.16
Salt Lake City.....	123.70	121.09	121.24	38.9	38.2	41.1	3.18	3.17	2.95
VERMONT.....	112.84	117.18	108.36	40.3	41.7	41.2	2.80	2.81	2.63
Burlington.....	123.37	130.96	120.27	41.4	43.8	42.8	2.98	2.99	2.81
Springfield.....	130.01	132.02	116.23	40.5	41.0	39.4	3.21	3.22	2.95
VIRGINIA.....	110.68	108.99	102.66	41.3	41.6	40.9	2.68	2.62	2.51
Lynchburg.....	111.02	107.95	102.96	42.7	42.5	42.9	2.60	2.54	2.40
Norfolk-Portsmouth.....	115.87	122.24	116.02	42.6	43.5	42.5	2.72	2.81	2.73
Richmond.....	114.94	113.97	112.61	39.5	39.3	41.1	2.91	2.90	2.74
Roanoke.....	102.58	104.41	102.53	41.7	42.1	42.9	2.46	2.48	2.39
WASHINGTON.....	158.01	155.62	145.80	39.8	39.8	39.3	3.97	3.91	3.71
Seattle-Everett.....	169.33	165.24	154.35	41.3	40.7	40.3	4.10	4.06	3.83
Spokane.....	146.65	148.57	143.56	38.9	39.2	40.1	3.77	3.79	3.58
Tacoma.....	159.71	150.93	139.32	41.7	39.1	38.7	3.83	3.86	3.60
WEST VIRGINIA.....	132.44	130.49	124.03	40.5	40.4	40.4	3.27	3.23	3.07
Charleston.....	165.19	164.16	152.87	42.4	43.2	42.7	3.90	3.80	3.58
Huntington-Ashland.....	137.94	137.55	129.64	39.0	39.3	38.7	3.54	3.50	3.35
Wheeling.....	136.64	133.72	125.05	40.8	40.4	40.6	3.35	3.31	3.08
WISCONSIN.....	144.66	143.79	137.74	41.5	41.3	42.0	3.49	3.49	3.28
Green Bay.....	150.92	143.78	139.29	44.0	42.4	43.4	3.43	3.39	3.21
Kenosha.....	146.20	165.95	139.54	40.2	42.5	39.0	3.63	3.90	3.58
La Crosse.....	118.88	117.19	113.70	39.9	39.6	39.9	2.98	2.96	2.85
Madison.....	155.42	151.57	145.45	41.0	39.9	41.6	3.79	3.80	3.50
Milwaukee.....	155.93	153.94	147.05	41.3	40.9	41.5	3.77	3.76	3.55
Racine.....	145.94	157.69	134.87	40.6	42.6	40.3	3.59	3.70	3.35
WYOMING.....	119.97	119.32	119.47	38.7	38.0	39.3	3.10	3.14	3.04
Casper.....	144.34	151.44	144.43	38.8	40.6	40.8	3.72	3.73	3.54

¹Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
²Area included in New York-Northeastern New Jersey Standard Consolidated Area.
³Subarea of Rochester Standard Metropolitan Statistical Area.
⁴Subarea of New York Standard Metropolitan Statistical Area.

*Not available.
 NOTE: Data for the current month are preliminary.
 SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA LABOR TURNOVER

D-1: Labor turnover rates in manufacturing

1958 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 ¹	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	3.3	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	3.9	4.3	4.6	5.9	5.0	5.7	5.7	5.0	3.8	3.0	4.6
1969.....	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6		
New hires													
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
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	4.5	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		
Total separations													
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 ¹	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	4.9	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.5	5.3	6.2	6.6	5.3	4.3		
Quits													
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
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	2.2	2.3	3.7	4.1	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		
Layoffs													
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
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	1.7	1.2	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.4		

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.
NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.
Data for the current month are 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	
		Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969
	MANUFACTURING	3.6	4.9	2.8	4.0	4.3	5.3	2.1	2.9	1.4	1.3
19,24,25,32-39	DURABLE GOODS	3.2	4.5	2.6	3.6	4.0	5.0	1.9	2.6	1.2	1.2
20-23,26-31	NONDURABLE GOODS	4.0	5.5	3.1	4.4	4.8	5.9	2.4	3.4	1.6	1.6
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	1.2	2.3	.8	1.5	3.7	3.8	1.2	1.7	1.8	1.4
192	Ammunition, except for small arms	1.3	2.4	.7	1.5	3.5	4.1	1.0	1.7	1.8	1.6
24	LUMBER AND WOOD PRODUCTS	4.6	5.8	4.0	5.2	6.2	6.9	3.5	4.5	1.9	1.3
242	Sawmills and planing mills	3.9	5.1	3.6	4.6	4.6	5.9	3.1	4.2	.9	.9
2421	Sawmills and planing mills, general	3.6	4.6	3.3	4.2	4.3	5.5	2.7	3.8	1.0	.9
243	Millwork, plywood & related products	3.9	5.3	3.3	4.7	5.3	6.5	2.9	4.0	1.6	1.5
2431	Millwork	3.1	4.0	2.6	3.6	5.1	5.9	2.8	3.4	1.5	1.8
2432	Veneer and plywood	4.2	5.7	3.6	4.8	5.1	6.0	2.8	4.0	1.3	1.0
244	Wooden containers	7.4	8.0	6.9	7.2	9.3	8.7	4.8	5.3	3.2	2.2
2441,2	Wooden boxes, shooks, and crates	6.3	7.5	5.8	6.6	9.3	8.5	3.9	4.7	4.1	2.5
249	Miscellaneous wood products	5.4	6.6	4.7	6.0	6.1	6.7	3.9	4.7	1.1	.7
25	FURNITURE AND FIXTURES	4.6	7.0	4.2	6.3	5.7	6.9	3.4	4.8	1.2	.6
251	Household furniture	4.7	7.4	4.3	6.6	6.2	7.1	3.7	5.1	1.4	.5
2511	Wood household furniture	4.5	6.3	4.1	5.5	6.5	6.7	3.6	4.9	1.7	.5
2512	Upholstered household furniture	3.7	6.1	3.2	5.7	4.6	5.6	2.8	4.4	1.1	.3
2515	Mattresses and bedsprings	5.7	9.7	5.2	9.0	6.8	9.6	4.8	6.8	.6	1.2
252	Office furniture	5.2	6.7	4.8	6.2	4.0	5.3	2.9	4.0	.3	.2
32	STONE, CLAY, AND GLASS PRODUCTS	3.4	5.1	2.8	4.2	4.2	5.5	2.1	3.3	1.4	1.0
321	Flat glass	2.7	2.4	.5	.7	5.3	3.6	.3	.6	4.5	2.5
322	Glass and glassware, pressed or blown	2.9	4.6	2.1	3.7	4.1	4.8	1.9	2.7	1.4	.8
3221	Glass containers	3.4	4.9	2.6	4.2	4.3	5.6	2.1	3.4	1.5	1.0
3229	Pressed and blown glass, n e c	2.3	4.2	1.6	3.0	3.8	3.7	1.6	1.8	1.3	.4
324	Cement, hydraulic	1.2	2.3	.8	1.6	2.2	2.1	.6	1.1	1.2	.3
325	Structural clay products	3.8	5.3	3.4	4.8	5.7	7.0	3.2	4.9	1.7	.9
3251	Brick and structural clay tile	4.7	5.9	4.2	5.4	8.0	7.5	4.0	5.3	3.0	.9
326	Pottery and related products	4.7	6.2	4.0	5.7	4.8	5.6	2.9	4.1	.8	.3
3291	Abrasive products	2.2	3.5	1.9	2.9	1.6	2.9	1.0	1.5	.1	.3
33	PRIMARY METAL INDUSTRIES	2.8	3.9	2.2	3.1	3.0	4.1	1.4	2.1	.6	.8
331	Blast furnace and basic steel products	1.9	2.9	1.2	2.1	2.2	3.3	.7	1.5	.5	.6
3312	Blast furnaces and steel mills	1.8	2.8	1.0	2.0	2.1	3.2	.7	1.4	.5	.6
332	Iron and steel foundries	4.7	6.1	4.2	5.2	4.4	6.0	2.9	3.5	.3	.8
3321	Gray iron foundries	4.6	6.4	4.2	5.3	4.1	6.0	2.9	3.6	.2	.8
3322	Malleable iron foundries	5.3	5.9	5.0	5.0	5.3	6.3	4.1	3.9	.1	.7
3323	Steel foundries	4.6	5.3	4.1	4.9	4.7	5.7	2.6	3.1	.8	.6
333,4	Nonferrous metals	2.5	3.4	2.2	3.1	2.8	3.2	1.5	2.0	.5	.3
335	Nonferrous rolling and drawing	2.4	3.4	2.1	2.4	2.8	4.0	1.2	1.6	.9	1.4
3351	Copper rolling and drawing	1.8	2.7	1.7	2.4	2.4	3.5	1.2	1.8	.5	.5
3352	Aluminum rolling and drawing	2.2	2.5	1.6	2.0	2.2	3.5	1.0	1.5	.7	1.0
3357	Nonferrous wire drawing, and insulating	3.2	4.9	2.9	2.8	3.8	4.9	1.6	1.7	1.5	2.4
336	Nonferrous foundries	4.8	6.7	4.3	5.9	4.9	7.2	3.0	4.3	.7	1.2
3361	Aluminum castings	5.1	6.9	4.6	5.7	4.6	7.3	3.1	4.3	.5	1.1
3362,9	Other nonferrous castings	4.4	6.4	3.8	6.1	5.1	7.2	2.9	4.4	.9	1.2
339	Miscellaneous primary metal products	3.0	3.8	2.4	3.1	3.0	3.9	1.6	2.1	.5	.7
3391	Iron and steel forgings	2.9	3.7	2.4	2.9	2.9	3.8	1.6	1.8	.6	.9

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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	
		Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	4.1	5.5	3.6	4.7	4.7	6.0	2.4	3.3	1.2	1.3
341	Metal cans	3.6	3.2	1.6	1.6	4.3	7.7	1.0	1.8	2.4	4.0
342	Cutlery, hand tools, and hardware	4.2	5.1	3.5	3.9	5.1	5.9	2.3	2.5	1.7	2.1
3421,3,5	Cutlery and hand tools, incl. saws	3.4	5.2	3.2	5.0	2.9	4.2	1.8	2.9	.3	.2
3429	Hardware, n e c	(²)	5.0	(²)	3.2	(²)	7.1	(²)	2.3	(²)	3.5
343	Plumbing and heating, except electric	5.1	6.6	4.8	6.1	4.5	6.2	2.9	3.9	.5	.8
3431,2	Sanitary ware & plumbers' brass goods	4.9	5.9	4.6	5.3	4.4	6.1	2.5	3.4	.8	1.1
3433	Heating equipment, except electric	5.2	7.1	5.0	6.7	4.8	6.3	3.2	4.3	.4	.6
344	Fabricated structural metal products	4.0	5.7	3.7	5.3	4.6	6.0	2.4	3.4	1.1	1.1
3441	Fabricated structural steel	4.1	6.2	3.8	5.7	4.3	6.2	2.2	3.6	.9	1.1
3443	Fabricated plate work (boiler shops)	3.2	3.8	2.9	3.4	3.5	3.9	2.1	2.2	.7	.6
3446,9	Architectural and misc. metal work	4.8	6.5	4.2	5.9	6.1	7.9	2.8	3.6	1.9	2.6
345	Screw machine products, bolts, etc.	3.8	4.9	3.5	4.3	3.4	4.7	2.0	3.2	.4	.5
3452	Bolts, nuts, rivets, and washers	3.5	4.3	3.1	3.8	2.8	4.2	1.6	2.6	.3	.4
346	Metal stampings	3.5	5.1	2.7	3.8	4.8	5.9	2.2	2.8	1.5	1.6
348	Misc. fabricated wire products	4.1	6.0	3.8	5.5	5.1	6.1	2.9	4.2	1.3	.6
349	Misc. fabricated metal products	3.5	4.9	3.1	4.4	3.2	4.7	1.9	3.0	.5	.6
3494,8	Valves, pipe, and pipe fittings	3.5	4.5	3.1	4.0	2.9	4.4	1.8	2.8	.4	.6
35	MACHINERY, EXCEPT ELECTRICAL	2.9	3.8	2.3	3.1	2.6	3.8	1.3	1.9	.5	.9
351	Engines and turbines	2.0	4.1	.9	2.3	1.9	4.2	.8	1.2	.6	1.9
3511	Steam engines and turbines	1.4	2.3	.8	1.5	1.3	2.1	.5	1.0	.2	(¹)
3519	Internal combustion engines, n e c	(²)	5.0	(²)	2.7	(²)	5.3	(²)	1.3	(²)	2.9
352	Farm machinery	4.2	4.8	2.1	2.8	3.3	7.0	1.3	1.9	1.1	3.9
353	Construction and related machinery	2.7	3.3	2.4	3.0	2.5	3.2	1.3	1.9	.3	.3
3531,2	Construction and mining machinery	2.4	2.7	2.2	2.4	2.5	2.7	1.2	1.5	.2	.3
3533	Oil field machinery	3.4	4.5	3.3	4.2	2.8	3.8	1.6	2.6	.4	(¹)
3535,6	Conveyors, hoists, cranes, monorails	2.3	3.2	2.1	2.9	2.1	3.6	1.2	2.1	.3	.4
354	Metal working machinery	2.6	3.3	2.3	2.8	2.4	3.2	1.2	1.7	.4	.5
3541	Machine tools, metal cutting types	1.6	2.2	1.4	2.0	1.6	2.3	.9	1.5	.2	.2
3545	Machine tool accessories	2.3	2.6	2.1	2.4	2.5	3.2	1.3	1.8	.7	.5
3542,8	Misc. metal working machinery	2.3	3.2	2.0	2.7	1.9	2.6	.9	1.6	.3	.3
355	Special industry machinery	2.4	3.4	2.2	3.1	2.4	3.1	1.4	1.9	.3	.5
3551	Food products machinery	2.5	3.2	2.3	3.0	2.0	3.3	1.2	1.7	.2	.8
3552	Textile machinery	2.9	4.2	2.6	3.8	3.1	3.8	2.1	2.3	.3	.6
356	General industrial machinery	2.8	3.7	2.3	3.0	2.9	3.6	1.5	2.0	.7	.8
3561	Pumps and compressors	2.7	4.0	2.3	3.3	2.6	3.2	1.5	2.0	.4	.4
3562	Ball and roller bearings	3.3	3.9	1.8	2.3	3.7	4.6	1.3	1.5	1.6	2.2
3566	Power transmission equipment	2.5	3.3	2.1	2.9	2.3	3.2	1.3	2.0	.3	.2
357	Office and computing machines	2.8	3.5	2.0	2.7	2.1	2.9	1.1	1.6	.2	.2
3573	Electronic computing equipment	2.4	3.3	1.8	2.5	1.7	2.6	.8	1.4	.1	.3
358	Service industry machinery	4.3	5.3	3.7	4.6	3.4	4.7	1.8	2.6	.5	.7
3585	Refrigeration machinery	4.3	5.6	3.6	4.8	3.4	4.6	1.9	2.5	.4	.7
36	ELECTRICAL EQUIPMENT AND SUPPLIES	3.0	4.2	2.2	3.3	3.6	4.6	1.8	2.5	.9	1.0
361	Electric test & distributing equipment	2.5	3.9	2.1	3.3	3.0	3.3	1.5	2.1	.5	.3
3611	Electric measuring instruments	3.5	5.3	2.8	4.5	3.5	3.4	1.6	2.2	.8	.3
3612	Transformers	2.1	3.4	1.8	3.0	3.8	4.0	1.6	2.5	.6	.4
3613	Switchgear and switchboard apparatus	1.8	2.9	1.5	2.5	2.0	2.8	1.2	1.8	.2	.3
362	Electrical industrial apparatus	3.2	3.9	2.6	3.0	3.1	3.9	1.8	2.3	.4	.6
3621	Motors and generators	3.5	3.8	2.6	2.9	3.9	4.2	2.2	2.3	.7	1.0
3622	Industrial controls	2.6	4.2	2.2	3.2	2.3	3.5	1.4	1.9	.2	.3
363	Household appliances	2.9	4.5	2.1	3.6	3.6	5.2	1.9	3.0	.6	1.0
3632	Household refrigerators and freezers	2.9	2.5	1.4	1.7	2.8	3.9	1.3	1.6	.4	1.3
3633	Household laundry equipment	1.8	3.3	1.5	2.4	1.8	4.0	.9	2.0	.3	.9
3634	Electric housewares and fans	3.8	7.6	3.4	6.9	5.8	7.5	3.6	5.7	1.2	.4
364	Electric lighting and wiring equipment	4.5	5.4	3.5	4.5	4.7	6.0	3.0	3.2	.6	1.4
3641	Electric lamps	1.8	3.7	1.5	3.2	1.9	3.3	1.3	1.9	.1	.3
3642	Lighting fixtures	4.1	5.6	3.3	4.5	4.6	6.9	2.5	3.3	1.1	2.1
3643,4	Wiring devices	5.7	5.9	4.4	5.0	5.7	6.4	3.9	3.7	.5	1.3
365	Radio and TV receiving equipment	3.2	5.0	1.7	3.0	6.6	8.3	1.9	3.0	3.3	2.9
366	Communication equipment	1.8	3.0	1.4	2.4	2.3	3.2	1.1	1.7	.6	.8
3661	Telephone and telegraph apparatus	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
3662	Radio and TV communication equipment	2.0	2.7	1.4	1.9	2.6	3.5	1.2	1.7	.9	1.0
367	Electronic components and accessories	3.0	4.8	2.2	3.9	4.1	5.4	1.9	2.9	1.1	1.4
3671-3	Electron tubes	2.4	3.9	1.5	2.6	2.9	4.6	1.5	2.1	.6	1.4
3674,9	Other electronic components	3.1	5.0	2.3	4.1	4.3	5.5	2.0	3.1	1.2	1.3
369	Misc. electrical equipment & supplies	5.1	4.5	4.4	3.7	4.2	4.1	2.2	2.3	1.0	.5
3694	Engine electrical equipment	4.4	3.6	3.4	2.7	4.2	3.4	1.7	1.5	1.4	.6

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	2.9	4.3	1.9	2.8	4.0	4.9	1.3	1.9	1.9	1.9
371	Motor vehicles and equipment	(2)	4.9	(2)	3.1	(2)	5.5	(2)	1.9	(2)	2.2
3711	Motor vehicles	(2)	5.4	(2)	3.3	(2)	5.9	(2)	1.9	(2)	2.4
3712	Passenger car bodies	(2)	6.8	(2)	3.4	(2)	6.8	(2)	.5	(2)	5.1
3713	Truck and bus bodies	(2)	4.3	(2)	3.5	(2)	6.8	(2)	3.4	(2)	2.5
3714	Motor vehicle parts and accessories	(2)	4.0	(2)	2.6	(2)	4.6	(2)	1.8	(2)	1.6
372	Aircraft and parts	1.6	1.9	1.1	1.2	2.8	2.8	.7	1.2	1.7	1.1
3721	Aircraft	1.2	1.4	.9	.9	3.1	2.6	.7	1.1	2.1	1.1
3722	Aircraft engines and engine parts	1.9	2.8	.8	1.4	2.1	2.5	.6	1.0	1.1	.8
3723,9	Other aircraft parts and equipment	2.6	2.8	2.3	2.2	2.9	3.7	1.1	1.7	1.2	1.3
373	Ship and boat building and repairing	7.6	9.0	5.4	6.5	7.5	8.3	3.0	3.7	3.0	3.2
3731	Ship building and repairing	7.8	8.8	5.0	5.9	7.7	8.2	2.3	2.9	3.9	3.9
374	Railroad equipment	4.2	4.7	1.8	2.5	4.6	6.0	1.4	1.5	2.2	3.2
375,9	Other transportation equipment	(2)	8.2	(2)	7.2	(2)	10.8	(2)	5.5	(2)	3.2
38	INSTRUMENTS AND RELATED PRODUCTS	2.7	3.4	2.1	2.9	2.8	3.8	1.4	2.4	.7	.6
381	Engineering & scientific instruments	2.8	2.7	2.1	2.1	2.5	3.2	1.1	1.8	.9	.8
382	Mechanical measuring & control devices	2.4	3.3	1.8	2.7	2.8	3.4	1.1	1.8	.9	.6
3821	Mechanical measuring devices	2.6	3.4	2.2	3.1	2.5	3.5	1.1	2.1	.8	.7
3822	Automatic temperature controls	2.1	3.1	1.1	2.0	3.3	3.2	1.0	1.5	1.1	.6
383,5	Optical and ophthalmic goods	3.0	4.4	2.5	3.8	2.6	3.6	1.6	2.4	.3	.4
384	Medical instruments and supplies	3.2	4.6	2.8	4.3	3.1	4.1	1.9	2.7	.6	.5
386	Photographic equipment and supplies	1.9	2.4	1.6	2.2	2.2	4.0	1.1	3.1	.6	.4
387	Watches, clocks, and watchcases	4.0	4.5	3.0	3.2	4.7	5.8	2.5	3.1	.7	1.1
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	4.6	6.7	3.9	5.8	8.3	6.9	3.0	4.4	3.9	1.2
391	Jewelry, silverware, and plated ware	3.8	4.3	3.3	3.7	4.0	3.9	2.5	2.9	.9	.2
394	Toys and sporting goods	6.0	10.0	4.8	8.8	16.2	10.9	4.7	6.7	9.2	2.4
3941-3	Games, toys, dolls, & play vehicles	6.1	11.4	5.0	10.4	22.7	12.6	5.7	7.7	14.0	3.0
3949	Sporting and athletic goods, n e c	5.9	7.7	4.3	6.2	5.8	8.1	3.1	4.9	1.4	1.2
395	Pens, pencils, office and art supplies	3.4	4.6	3.1	4.2	4.0	4.8	2.4	3.0	.6	1.1
396	Costume jewelry and notions	3.6	6.5	3.0	5.6	4.4	6.4	2.1	4.7	1.8	.9
393,8,9	Other manufacturing industries	4.3	5.2	3.8	4.5	5.2	5.1	2.2	3.2	1.9	.8
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	5.5	8.1	4.0	6.2	7.5	9.3	3.2	4.5	3.5	3.8
201	Meat products	6.7	8.1	4.7	6.0	6.5	7.7	3.9	4.8	1.9	2.0
2011	Meat packing plants	6.2	6.1	2.9	3.0	5.1	6.4	1.8	2.5	2.6	3.1
2015	Poultry dressing plants	9.6	13.9	8.9	12.8	10.6	11.8	8.7	10.4	1.0	.3
204	Grain mill products	4.4	5.1	3.8	4.3	4.7	4.9	2.2	2.6	1.7	1.3
2041	Flour and other grain mill products	4.6	4.4	3.9	3.7	4.6	3.7	2.3	2.3	1.6	.6
2042	Prepared feeds for animals and fowls	4.8	5.4	4.5	4.9	4.2	4.6	2.4	2.7	1.0	1.0
205	Bakery products	4.5	5.4	4.0	4.9	4.2	5.0	2.8	3.6	.8	.6
2051	Bread, cake, and related products	4.2	5.2	3.8	4.7	4.1	4.9	2.7	3.6	.8	.6
2052	Cookies and crackers	5.8	7.1	5.2	6.1	4.9	5.9	3.4	3.7	.5	.9
207	Confectionery and related products	6.6	12.2	5.2	9.9	8.2	10.0	4.6	7.2	2.7	1.6
2071	Confectionery products	7.4	13.9	5.8	11.2	9.1	11.0	5.1	8.1	3.1	1.7
208	Beverages	4.0	5.6	2.9	4.3	6.0	6.6	2.4	3.5	2.8	2.1
2082	Malt liquors	3.6	3.8	1.3	1.6	4.0	5.3	.5	.6	3.1	4.0
21	TOBACCO MANUFACTURES	3.8	4.9	2.3	4.0	7.9	6.3	1.8	2.9	5.3	2.2
211	Cigarettes	1.5	3.2	1.2	2.8	1.4	2.3	.8	1.4	(1)	(1)
212	Cigars	3.7	7.1	3.0	5.7	6.5	6.4	3.1	5.3	2.4	.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969
<i>Nondurable Goods--Continued</i>											
	TEXTILE MILL PRODUCTS	4.6	6.0	3.6	4.9	4.9	6.1	3.2	4.3	0.8	0.7
221	Weaving mills, cotton	5.0	6.2	3.9	4.9	4.9	5.8	3.6	4.5	.3	.2
222	Weaving mills, synthetics	4.2	5.5	3.5	4.5	4.3	5.4	2.8	4.0	.4	.3
223	Weaving and finishing mills, wool	4.2	5.3	2.9	4.0	3.6	6.0	2.4	3.4	.7	1.7
224	Narrow fabric mills	3.8	5.7	3.1	4.8	5.3	5.8	3.0	4.0	.5	.7
225	Knitting mills	3.9	5.1	3.0	4.2	4.8	5.9	2.7	3.9	1.5	1.2
2251	Women's hosiery, except socks	3.7	5.2	3.2	4.5	4.5	5.1	3.2	4.1	.9	.4
2252	Hosiery, n e c	4.2	4.5	3.5	4.0	3.7	5.2	2.7	4.0	.4	.6
2254	Knit underwear mills	2.7	4.1	1.9	3.1	3.3	3.8	2.5	3.2	.4	.1
226	Textile finishing, except wool	4.0	5.2	3.3	4.5	4.3	5.1	2.6	3.4	.9	.6
227	Floor covering mills	4.7	6.6	4.2	5.7	4.9	6.1	3.2	4.4	.6	.3
228	Yarn and thread mills	6.2	8.0	4.9	6.2	6.6	8.3	4.7	6.3	.8	1.0
229	Miscellaneous textile goods	4.8	6.7	3.8	5.6	5.0	6.8	2.9	4.0	1.1	1.1
	APPAREL AND OTHER TEXTILE PRODUCTS	4.1	5.5	2.9	3.9	5.3	5.8	2.4	3.2	2.3	1.7
231	Men's and boys' suits and coats	2.8	3.4	2.1	2.5	2.6	3.5	1.5	2.2	.6	.8
232	Men's and boys' furnishings	4.6	5.7	3.4	4.5	4.8	5.7	3.1	4.1	1.0	.7
2321	Men's and boys' shirts and nightwear	4.5	5.8	3.3	4.5	4.7	5.5	3.2	4.1	.8	.6
2327	Men's and boys' separate trousers	3.5	4.7	2.7	3.8	3.8	5.3	3.0	4.0	.3	.5
2328	Men's and boys' work clothing	4.8	6.1	3.9	4.6	4.8	6.2	3.5	4.7	.6	.7
234	Women's and children's undergarments	3.5	5.4	2.6	4.2	4.3	5.4	2.7	3.8	.9	.7
2341	Women's and children's underwear	3.5	5.5	2.5	4.5	4.2	5.5	2.7	4.0	.9	.6
2342	Corsets and allied garments	3.6	5.0	2.8	3.5	4.5	5.0	2.6	3.4	.9	1.0
	PAPER AND ALLIED PRODUCTS	3.2	4.8	2.8	4.3	3.4	4.7	1.9	3.0	.6	.6
26	Paper and pulp mills	1.8	2.4	1.4	2.0	1.5	2.5	.8	1.3	.2	.5
261,2,6	Paperboard mills	3.3	3.0	2.1	2.7	2.5	3.2	1.1	1.7	.1	.8
263	Misc. converted paper products	4.1	5.9	3.6	5.2	4.2	5.5	2.5	3.5	.7	.7
264	Bags, except textile bags	5.6	7.8	4.7	7.0	5.6	7.4	3.3	4.9	.9	.8
2643	Paperboard containers and boxes	3.9	6.7	3.6	6.3	4.8	6.5	2.8	4.5	.9	.5
265	Folding and setup paperboard boxes	4.8	7.3	4.5	6.9	5.2	6.7	3.1	4.7	1.0	.6
2651,2	Corrugated and solid fiber boxes	3.9	6.8	3.6	6.5	4.7	6.5	2.9	4.6	.7	.4
2653											
	PRINTING AND PUBLISHING	3.2	4.1	2.7	3.7	2.9	4.0	1.8	2.6	.5	.6
	CHEMICALS AND ALLIED PRODUCTS	2.0	2.5	1.7	2.1	2.1	2.7	1.0	1.4	.5	.5
28	Industrial chemicals	1.4	1.7	1.1	1.4	1.3	1.6	.7	.9	.2	.1
281	Plastics materials and synthetics	1.6	1.6	1.3	1.3	1.5	1.9	.8	1.1	.1	.3
282	Plastics materials and resins	1.7	1.9	1.6	1.7	1.5	2.0	.9	1.4	(1)	.1
2821	Synthetic fibers	1.6	1.4	1.1	.9	1.4	1.9	.7	.9	.2	.5
2823,4	Drugs	2.1	2.6	1.9	2.3	1.5	1.9	.9	1.3	.3	.1
283	Pharmaceutical preparations	2.2	2.7	2.0	2.4	1.6	2.0	1.0	1.4	.3	.1
2834	Soap, cleaners, and toilet goods	3.9	4.3	3.3	3.9	4.0	5.1	1.5	2.3	1.6	1.5
284	Soap and other detergents	2.1	2.3	1.3	1.8	3.5	3.3	.8	1.1	1.9	1.5
2841	Toilet preparations	5.8	6.4	5.3	6.1	4.7	7.1	1.9	3.3	1.6	2.0
2844	Paints and allied products	1.8	2.6	1.6	2.5	2.8	3.1	1.4	2.0	.6	.2
285	Other chemical products	1.8	3.1	1.3	2.3	3.1	4.6	1.4	2.1	1.0	1.3
286,9											
	PETROLEUM AND COAL PRODUCTS	1.6	2.7	1.4	2.5	2.3	2.6	.9	1.4	.8	.4
29	Petroleum refining	1.0	1.9	.9	1.7	1.6	1.6	.4	.7	.7	.4
291	Other petroleum and coal products	3.8	6.1	3.7	5.8	5.1	6.5	2.7	4.0	1.2	.6
295,9											
	RUBBER AND PLASTICS PRODUCTS, N E C.	4.4	6.2	3.7	5.4	5.2	6.3	2.8	4.0	1.3	.9
30	Tires and inner tubes	1.7	2.6	1.1	1.9	2.0	2.4	.7	1.1	.7	.5
301	Other rubber products	3.9	5.3	3.2	4.5	4.2	5.5	2.3	3.3	.9	.7
302,3,6	Miscellaneous plastics products	5.9	8.3	5.2	7.5	7.1	8.4	4.0	5.7	1.9	1.2
307											

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**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	
		Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969	Nov. 1969	Oct. 1969
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	5.2	7.0	3.8	4.9	5.1	7.2	3.1	4.4	1.1	1.7
311	Leather tanning and finishing	5.2	5.8	3.5	4.1	4.7	7.3	2.8	3.2	1.0	2.9
314	Footwear, except rubber	5.2	7.1	3.8	4.6	4.8	6.7	3.1	4.2	.9	1.5
	NONMANUFACTURING										
10	METAL MINING	3.0	3.8	2.5	3.2	3.3	3.8	1.5	2.0	.8	.8
101	Iron ores	2.1	2.8	.9	1.8	5.5	4.7	.6	1.5	2.9	2.3
102	Copper ores	3.3	3.4	2.9	2.9	2.0	2.5	1.3	1.5	(¹)	.2
11,12	COAL MINING	1.5	2.1	1.3	1.7	1.2	1.9	.8	1.1	.1	.3
12	Bituminous coal and lignite mining	1.5	2.1	1.3	1.7	1.2	1.9	.8	1.1	(¹)	.3
	COMMUNICATION:										
481	Telephone communication	(²)	3.3	-	-	(²)	2.4	(²)	1.9	(²)	.1
482	Telegraph communication ³	(²)	2.4	-	-	(²)	2.7	(²)	1.8	(²)	.5

¹ Less than 0.05.

² Not available.

³ Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1958 to date seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 ¹	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	5.2	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.1	4.2	4.6	4.5	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.5	4.1	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.6	4.7
1969.....	4.9	4.6	4.6	4.9	4.8	5.0	4.8	4.5	4.8	4.7	4.4	
New hires												
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	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	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.8	4.3	3.9	4.0	4.0	3.7	3.8	3.7	3.8	3.7	3.5
1967.....	3.5	3.3	3.3	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.3
1968.....	3.5	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	4.0	3.9	3.7	3.8	3.7	3.5	3.8	3.6	3.4	
Total separations												
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.6	3.8	3.6	3.7
1959 ¹	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.1	4.2	5.0	4.6	4.1
1960.....	3.6	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.4	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	4.2	4.2	4.4
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	5.2	4.7	4.6	4.7	4.4	4.3	4.5	4.4	4.4	4.3
1968.....	4.5	4.7	4.6	4.5	4.7	4.5	4.6	4.9	4.6	4.6	4.5	4.2
1969.....	4.6	4.8	4.9	4.9	5.0	4.9	4.9	5.1	4.8	5.0	4.8	
Quits												
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
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	1.9	2.0	2.0	2.1	2.2
1966.....	2.3	2.3	2.6	2.7	2.6	2.6	2.6	2.6	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	2.3	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.3	2.4	2.6	2.4	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.9	2.5	2.7	2.6	
Layoffs												
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.5	2.3	2.1	2.1	1.9	1.9
1959.....	1.8	1.7	1.7	1.7	1.7	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	2.4	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962.....	1.8	2.0	1.7	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	1.1	1.1	1.1	1.2	1.3
1967.....	1.3	1.5	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	1.3	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.2	1.0	1.1	1.1	1.2	1.1	1.2	1.3	1.3	

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.
Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
ALABAMA:										
Birmingham	3.3	4.7	2.7	3.6	3.7	4.8	1.7	3.1	1.2	0.8
Mobile ¹	6.0	7.2	4.5	4.1	5.6	8.5	2.6	4.5	2.2	2.9
ALASKA	5.5	12.8	5.2	11.1	16.6	37.3	8.6	9.4	5.3	27.0
ARIZONA	6.1	7.2	4.9	6.0	6.0	6.9	3.4	4.8	1.3	.7
Phoenix	6.2	7.3	5.0	6.0	6.0	6.6	3.4	4.7	1.2	.6
ARKANSAS	7.7	8.7	6.6	7.6	7.4	9.4	5.6	7.2	.8	1.2
Fort Smith	9.7	11.9	8.3	11.2	8.8	12.8	7.5	10.9	.3	.6
Little Rock-North Little Rock	8.3	7.6	8.0	7.3	8.3	6.8	6.5	5.9	.7	.1
Pine Bluff	5.4	6.4	4.9	5.5	7.2	7.5	3.9	6.6	2.2	.1
CALIFORNIA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
COLORADO	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Denver	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CONNECTICUT	3.8	4.6	3.3	3.9	3.9	5.3	2.5	3.8	.4	.5
Hartford	3.3	3.8	2.7	2.9	3.2	4.2	2.1	2.9	.2	.3
DELAWARE ¹	3.1	3.9	2.0	2.9	3.0	5.0	1.6	3.3	.3	.4
Wilmington ¹	2.9	3.9	1.9	2.8	2.8	4.6	1.4	3.2	.3	.2
DISTRICT OF COLUMBIA:										
Washington SMSA	3.0	2.8	2.9	2.6	3.3	3.7	2.8	2.8	.1	.3
FLORIDA	8.8	7.8	6.3	6.5	7.3	7.8	4.9	5.4	1.3	1.1
Fort Lauderdale-Hollywood	8.2	9.3	7.9	8.8	7.6	9.7	5.5	7.1	.2	.4
Jacksonville	5.0	8.7	4.8	8.2	4.5	9.0	3.4	7.3	.3	.6
Miami	6.6	7.9	5.6	6.2	6.8	6.9	5.0	5.1	.9	.8
Orlando	5.7	6.7	4.0	5.8	5.8	7.8	3.1	4.8	1.9	1.7
Pensacola	1.2	1.4	1.2	1.4	1.4	1.8	.8	1.5	.4	.1
Tampa-St. Petersburg	9.5	8.6	6.5	7.0	8.6	8.6	5.6	5.9	1.9	1.4
West Palm Beach	6.7	6.4	5.1	5.1	4.6	5.8	2.9	3.9	.6	.3
GEORGIA	6.0	7.6	5.0	6.1	6.0	8.6	4.2	5.4	.7	1.0
Atlanta ²	6.0	6.6	5.4	5.9	6.1	7.3	4.4	5.2	.6	.9
HAWAII ³	3.0	3.7	2.5	3.3	3.1	4.2	2.1	2.4	.1	.5
IDAHO ⁴	6.1	8.3	5.5	7.3	7.7	10.4	4.2	8.2	2.3	
ILLINOIS:										
Chicago	5.2	6.1	4.6	5.3	5.3	6.8	3.3	5.1	.6	
INDIANA ¹	3.9	5.0	3.1	4.1	4.7	5.6	2.4	4.0	1.1	
Indianapolis ³	3.5	4.1	2.8	3.4	4.1	4.5	2.1	3.0	.6	
IOWA	4.4	5.4	3.6	4.3	5.0	6.0	2.9	4.3	1.3	1.0
Cedar Rapids	2.2	6.7	1.9	5.8	2.5	6.7	1.7	4.7	.3	.9
Des Moines	5.9	6.0	4.2	4.0	6.4	6.5	3.4	3.7	2.0	1.7
KANSAS	4.4	6.1	3.6	4.7	4.5	7.3	2.8	4.4	.9	1.9
Topeka	4.0	4.8	3.4	4.1	4.0	7.8	2.4	3.4	.6	1.4
Wichita	2.9	5.6	2.4	3.2	3.9	6.8	2.4	3.1	.9	2.9
KENTUCKY	5.5	5.2	3.8	4.4	5.7	5.9	2.9	4.2	1.0	.8
Louisville	4.5	4.8	3.6	3.9	4.9	5.1	2.7	3.5	.8	.6
LOUISIANA:										
New Orleans	4.2	4.5	2.7	3.1	5.1	5.7	2.1	3.3	1.8	1.3
MAINE	(*)	7.4	(*)	5.8	(*)	9.9	(*)	5.9	(*)	2.9
Portland	(*)	4.7	(*)	4.3	(*)	6.4	(*)	5.4	(*)	.3
MARYLAND	3.8	4.5	3.1	3.6	4.1	5.3	2.2	3.2	1.0	1.2
Baltimore	3.9	4.5	3.2	3.7	4.1	5.2	2.2	3.2	.8	1.0

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
MASSACHUSETTS.....	4.8	5.6	3.9	4.7	4.9	6.2	3.0	4.5	1.0	0.7
Boston.....	4.5	5.2	4.0	4.4	4.7	5.8	3.0	4.2	.7	.7
MICHIGAN.....	5.1	6.4	3.4	4.6	5.7	6.7	2.2	3.6	1.9	1.8
Detroit.....	5.4	6.8	3.9	5.2	6.0	6.8	2.6	3.7	1.5	1.6
MINNESOTA.....	5.4	7.1	4.4	6.0	6.2	8.6	3.7	6.3	1.5	1.4
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	5.5	5.9	4.6	5.2	5.8	7.0	3.8	5.5	.9	.7
MISSISSIPPI:										
Jackson.....	6.0	8.1	5.6	7.4	6.1	7.8	4.9	6.7	.5	.
MISSOURI.....	4.9	5.4	4.0	4.5	5.3	6.3	2.8	4.2	1.4	1.1
Kansas City.....	4.6	5.8	3.8	4.9	5.6	6.2	2.9	4.3	1.7	.9
St. Louis.....	3.7	4.3	3.1	3.7	4.2	5.8	2.0	3.6	1.0	.9
MONTANA ⁴	4.2	5.1	3.8	4.6	4.7	9.3	2.5	6.5	1.1	1.2
NEBRASKA.....	6.1	8.0	5.4	7.3	6.0	8.5	4.4	6.9	.6	.5
NEVADA.....	7.5	8.5	7.1	8.3	6.0	9.7	3.6	7.0	.5	.8
NEW HAMPSHIRE.....	5.7	6.4	4.9	5.5	5.6	8.1	4.2	5.9	.7	1.0
NEW JERSEY:										
Camden ⁶	4.1	4.7	3.0	4.0	4.7	5.5	2.0	3.7	1.3	.8
Jersey City.....	3.6	4.3	2.9	3.6	3.8	4.8	1.8	2.6	1.0	1.0
Newark.....	4.0	5.1	3.5	3.7	4.3	5.9	2.3	4.1	.9	.7
Paterson-Clifton-Passaic.....	4.4	5.4	3.7	4.6	5.0	6.1	2.9	4.0	1.1	.9
Perth Amboy.....	3.4	4.3	2.9	3.2	4.0	5.0	2.4	3.3	.6	.6
Trenton.....	4.2	5.1	3.4	4.2	5.8	5.4	3.1	3.4	1.5	1.0
NEW YORK.....	4.6	5.6	3.5	4.3	5.0	5.9	2.5	3.6	1.7	1.3
Albany-Schenectady-Troy.....	2.9	3.7	2.2	3.0	3.4	5.0	2.0	3.5	.4	.4
Binghamton.....	2.5	3.0	2.1	2.4	2.8	3.8	1.9	2.6	.2	.3
Buffalo.....	3.7	4.9	2.8	3.5	3.9	5.4	1.8	3.6	1.2	1.0
Elmira.....	3.0	4.6	2.7	4.2	4.5	5.4	2.3	3.8	1.4	.4
Monroe County ⁷	3.3	3.6	2.5	3.0	3.9	4.3	2.9	3.0	.4	.3
Nassau and Suffolk Counties ⁸	4.7	5.4	4.0	4.7	4.7	5.4	2.8	4.0	1.1	.6
New York SMSA.....	5.5	6.1	4.0	4.6	5.7	6.3	2.5	3.4	2.2	1.8
New York City ⁸	5.7	6.3	4.0	4.7	6.0	6.5	2.5	3.3	2.5	2.1
Rochester.....	4.2	4.5	3.3	3.8	4.4	5.2	3.0	3.5	.8	.8
Syracuse.....	4.1	4.4	3.3	3.8	4.6	5.8	2.6	4.0	.9	.6
Utica-Rome.....	3.4	4.0	2.4	3.2	3.8	4.5	1.9	2.9	1.3	.8
Westchester County ⁸	5.4	6.1	4.1	4.4	4.9	6.4	2.6	3.6	1.3	1.6
NORTH CAROLINA.....	5.3	6.3	4.5	5.3	5.1	6.3	3.9	5.0	.3	.4
Charlotte.....	6.0	7.0	5.7	6.7	6.3	7.4	4.8	6.1	.4	.1
Greensboro-Winston-Salem-High Point.....	4.9	6.6	4.3	5.6	4.5	6.1	3.6	4.7	(9)	.5
NORTH DAKOTA.....	5.4	8.3	4.0	7.6	6.0	8.1	3.1	5.4	2.0	1.1
Fargo-Moorhead.....	7.7	17.0	5.5	9.1	8.3	7.3	4.6	5.4	2.4	.5
OHIO.....	4.2	5.4	3.3	4.4	5.2	5.9	2.5	3.9	1.6	.8
Akron.....	3.2	3.6	2.7	3.0	3.2	4.3	2.2	2.8	.2	.6
Canton.....	4.5	5.1	3.6	4.3	5.2	6.5	2.6	4.0	.7	.7
Cincinnati.....	4.8	4.8	4.1	4.1	4.8	5.8	2.8	3.7	.8	.6
Cleveland.....	4.2	5.0	3.5	4.3	4.6	5.8	2.6	4.0	.9	.7
Columbus.....	4.4	5.3	3.8	4.4	5.0	5.1	2.4	3.4	1.5	.7
Dayton.....	3.9	4.6	3.0	3.7	3.9	4.6	2.2	2.8	.6	.6
Toledo.....	5.4	7.1	3.9	5.6	5.4	7.5	2.4	4.6	1.0	.8
Youngstown-Warren.....	3.8	4.6	2.1	2.3	4.5	5.4	1.8	3.0	1.7	1.5
OKLAHOMA:										
Oklahoma City.....	8.8	9.5	7.7	8.2	7.2	8.1	5.0	6.3	.7	.5
Tulsa ¹⁰	6.7	7.7	6.4	7.2	7.3	7.9	4.4	5.1	1.2	1.4
OREGON ¹	5.4	6.6	4.8	5.7	6.0	8.0	3.3	5.3	1.8	1.6
Portland ¹	5.5	6.3	5.0	5.6	5.6	7.8	3.2	5.2	1.4	1.5

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.5	4.3	2.6	3.1	3.3	5.2	1.9	3.6	0.5	0.8
Altoona	5.5	6.4	4.6	6.0	5.9	6.3	3.3	4.6	2.2	1.0
Erie	5.7	5.6	5.0	4.6	4.8	6.4	2.9	4.8	.8	.5
Harrisburg	3.2	4.0	2.1	3.1	3.3	4.7	2.0	2.8	.6	.9
Johnstown	2.7	5.0	1.7	3.1	2.9	4.0	1.3	2.4	1.2	1.2
Lancaster	3.7	4.5	3.2	3.9	3.8	5.5	2.6	4.4	.6	.4
Philadelphia	4.1	4.5	3.4	3.6	4.3	5.2	2.2	3.2	1.0	.9
Pittsburgh	2.0	2.8	1.4	2.0	2.7	3.6	1.2	2.3	.8	.6
Reading	4.4	4.7	4.0	4.3	4.1	5.2	3.1	4.3	.4	.3
Scranton	4.3	4.1	3.5	3.6	4.0	5.3	1.9	3.5	1.7	1.2
Wilkes-Barre-Hazleton	4.1	4.4	2.9	3.0	4.5	5.6	2.5	3.4	1.0	1.5
York	5.9	10.8	5.2	6.5	5.0	6.6	4.3	5.7	.2	.1
RHODE ISLAND:										
Providence-Pawtucket-Warwick	6.3	7.7	4.9	6.3	6.9	9.4	4.0	6.3	2.0	2.1
	6.1	7.7	4.9	6.3	6.5	9.3	3.9	6.6	1.8	1.7
SOUTH CAROLINA:										
Greenville	5.7	6.7	5.2	5.9	6.1	6.6	4.5	5.0	.4	.5
SOUTH DAKOTA:										
Sioux Falls	5.6	6.2	4.1	4.5	4.5	7.9	2.3	5.0	1.6	1.1
	5.7	5.2	3.2	2.7	5.1	7.6	2.0	4.0	2.5	1.6
TENNESSEE:										
Memphis	5.4	6.6	4.8	5.9	6.2	9.2	3.5	5.0	1.4	2.4
TEXAS:										
Dallas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH:										
Salt Lake City	5.5	5.4	4.2	4.1	5.5	6.5	3.2	4.1	1.6	1.5
	5.3	5.3	4.4	4.3	5.4	7.1	3.7	4.3	.9	2.0
VERMONT:										
Burlington	3.8	4.4	2.7	3.7	3.4	4.6	2.3	3.7	.3	.4
Springfield	2.5	3.5	1.6	2.6	2.4	4.0	1.5	3.1	.1	.5
	2.2	2.9	2.0	2.7	2.2	2.7	1.5	2.3	(9)	(9)
VIRGINIA:										
Richmond	5.0	6.3	4.3	5.0	4.8	5.9	3.2	4.6	.7	.5
	4.2	4.7	3.9	4.4	4.4	4.9	2.7	3.9	.8	.1
WASHINGTON:										
Seattle-Everett ¹¹	3.3	3.9	2.6	3.2	4.0	5.2	2.1	3.5	1.1	1.0
WEST VIRGINIA:										
Charleston	.9	1.1	.8	.9	2.1	2.9	1.0	1.4	.7	.9
WISCONSIN:										
Milwaukee	4.3	5.9	3.5	5.0	5.3	7.4	2.5	4.9	1.6	1.3
	4.7	5.4	3.8	4.6	4.9	6.3	2.5	4.4	.7	.6
WYOMING:										
	13.9	7.5	7.2	6.7	7.0	8.0	3.9	5.4	2.2	1.5

- 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 Less than 0.05.
- 10 Excludes new-hire rate for transportation equipment.
- 11 Excludes canning and preserving, printing and publishing.

* Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Dec. 1969	Nov. 1969	Dec. 1968	change to Dec. 1969 from ¹		Dec. 1969	Nov. 1969	Dec. 1968
				Nov. 1969	Dec. 1968			
TOTAL²	1 251.3	1 007.2	1 033.4	244.1	217.9	2.4	1.9	2.1
SEASONALLY ADJUSTED	1 216.3	1 218.5	1 002.6	-2.2	213.7	2.4	2.4	2.0
Alabama	14.4	12.6	16.9	1.7	-2.5	2.1	1.9	2.6
Alaska	5.1	3.6	4.1	1.4	1.0	10.6	7.6	9.1
Arizona	5.1	4.7	5.0	.4	-	1.5	1.4	1.6
Arkansas	13.1	9.8	9.7	3.3	3.3	3.4	2.5	2.6
California	191.9	172.2	169.5	19.6	22.3	3.8	3.4	3.5
Colorado	4.3	3.5	3.4	.8	1.0	.9	.8	.8
Connecticut	24.4	20.1	19.6	4.3	4.8	2.5	2.1	2.1
Delaware	2.3	1.9	2.2	.4	.2	1.4	1.2	1.4
District of Columbia	4.3	3.4	3.3	.9	1.0	1.2	1.0	1.0
Florida	18.4	18.8	15.9	-.4	2.5	1.3	1.4	1.2
Georgia	11.4	9.7	9.9	1.7	1.4	1.1	.9	1.0
Hawaii	5.0	4.5	4.2	.5	.8	2.2	2.0	2.0
Idaho	4.3	2.7	4.0	1.7	.3	3.0	1.8	2.9
Illinois	50.8	38.4	39.2	12.4	11.6	1.6	1.2	1.3
Indiana	20.1	13.3	13.4	6.8	6.7	1.5	1.0	1.0
Iowa	9.1	5.7	6.9	3.5	2.3	1.6	1.0	1.2
Kansas	7.7	5.6	5.2	2.1	2.4	1.8	1.3	1.3
Kentucky	15.3	11.2	11.8	4.1	3.5	2.5	1.9	2.1
Louisiana	21.7	17.2	17.2	4.5	4.5	3.0	2.4	2.4
Maine	9.0	7.5	6.7	1.6	2.4	4.1	3.4	3.0
Maryland	14.1	11.3	15.0	2.8	-.9	1.5	1.2	1.7
Massachusetts	52.6	46.9	44.2	5.7	8.4	3.1	2.7	2.6
Michigan	57.7	39.2	39.0	18.4	18.7	2.4	1.6	1.7
Minnesota	17.6	8.1	13.5	9.5	4.0	1.9	.9	1.5
Mississippi	6.9	6.0	6.3	.9	.6	1.9	1.6	1.8
Missouri	24.2	20.9	22.3	3.3	1.9	2.1	1.8	2.0
Montana	4.5	2.7	3.4	1.7	1.1	3.6	2.2	2.8
Nebraska	3.2	2.2	3.0	1.0	.2	1.1	.8	1.1
Nevada	4.8	3.8	4.6	1.0	.2	3.4	2.7	3.5
New Hampshire	2.4	2.1	1.5	.3	.9	1.2	1.1	.8
New Jersey	68.7	54.0	56.6	14.8	12.1	3.6	2.8	3.1
New Mexico	5.3	4.6	4.2	.7	1.1	3.0	2.6	2.4
New York	160.5	127.0	131.5	33.5	29.1	2.9	2.3	2.4
North Carolina	22.3	15.7	19.7	6.7	2.6	1.7	1.2	1.6
North Dakota	2.5	.9	2.9	1.6	-.4	3.0	1.1	3.6
Ohio	44.2	28.6	35.4	15.6	8.8	1.5	1.0	1.3
Oklahoma	11.1	9.8	9.2	1.3	1.9	2.4	2.1	2.1
Oregon	23.5	17.9	16.2	5.6	7.3	4.5	3.4	3.2
Pennsylvania	76.4	58.1	72.1	18.3	4.3	2.3	1.7	2.2
Puerto Rico ³	40.8	46.3	35.3	-5.6	5.5	8.5	7.6	7.0
Rhode Island	9.2	7.7	6.3	1.5	2.9	3.3	2.7	2.3
South Carolina	12.0	10.3	8.2	1.7	3.1	2.0	1.7	1.6
South Dakota	1.7	.9	1.5	.8	.2	1.9	1.0	1.7
Tennessee	23.5	19.6	19.9	3.9	3.5	2.5	2.1	2.2
Texas	24.9	20.8	18.5	4.1	6.4	1.0	.8	.8
Utah	6.9	5.1	5.9	1.8	1.0	3.2	2.4	2.9
Vermont	2.5	1.7	2.4	.8	.1	2.5	1.8	2.5
Virginia	7.1	5.3	5.0	1.8	2.1	.7	.5	.5
Washington	47.0	39.8	31.0	7.2	16.0	5.7	4.9	3.9
West Virginia	10.5	7.3	10.6	3.2	-.1	3.0	2.1	3.0
Wisconsin	24.2	15.8	18.3	8.4	5.8	2.1	1.4	1.7
Wyoming	1.1	.7	1.1	.4	-	1.5	1.0	1.6

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.

UNEMPLOYMENT INSURANCE DATA

E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	Dec. 1969	Nov. 1969	State and area	Dec. 1969	Nov. 1969	State and area	Dec. 1969	Nov. 1969	State and area	Dec. 1969	Nov. 1969
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--continued		
Birmingham.....	2.8	3.1	Evansville.....	1.3	.8	Manchester.....	.6	.7	York.....	1.1	
Mobile.....	1.6	1.5	Ft. Wayne.....	.6	.4						
			Gary-Hammond..	1.6	1.3	NEW JERSEY			PUERTO RICO*		
ARIZONA			Indianapolis...	3.3	2.4	Atlantic City....	4.0	2.7	Mayaguez.....	1.8	1.8
Phoenix.....	2.9	2.7	South Bend.....	1.2	1.0	Jersey City.....	9.9	7.7	Ponce.....	2.6	2.5
			Terre Haute.....	.8	.4	New Brunswick..	1.6.4	1.3.0	San Juan.....	4.8	4.4
ARKANSAS			IOWA			Paterson.....	5.8	4.7			
Little Rock.....	1.7	.7	Cedar Rapids....	.4	.2	Trenton.....	1.3.0	1.1.0			
			Des Moines.....	1.0	.7		1.8	1.3	RHODE ISLAND		
CALIFORNIA			KANSAS			NEW MEXICO			Providence.....	9.8	8.2
Anaheim-S. Ana-			Wichita.....	2.7	1.9	Albuquerque....	2.2	1.9			
Garden Grove..	1.0.5	1.0.4						SOUTH CAROLINA			
Fresno.....	5.3	3.7	KENTUCKY			NEW YORK			Charleston.....	1.0	.9
Los Angeles....	7.0.8	6.8.8	Louisville.....	2.9	2.3	Albany.....	4.0	3.0	Greenville.....	1.2	1.1
Sacramento.....	9.6	8.0				Binghamton....	1.9	1.3			
San Bernardino..	8.5	8.4	LOUISIANA			Buffalo.....	1.0.1	6.7			
San Diego.....	1.0.5	9.0	Baton Rouge....	1.5	1.3	New York.....	1.0.8.7	9.2.9			
San Francisco..	3.0.7	2.8.4	New Orleans....	6.5	5.4	Rochester.....	4.6	2.7	TENNESSEE		
San Jose.....	9.7	8.6	Shreveport.....	1.2	1.1	Syracuse.....	4.6	3.3	Chattanooga...	1.8	1.7
Stockton.....	5.4	4.6	MAINE			Utica.....	4.0	2.7	Knoxville.....	2.3	2.3
			Portland.....	.8	.6	NORTH CAROLINA			Memphis.....	3.1	2.7
COLORADO			MARYLAND			Asheville.....	.8	.8	Nashville.....	1.9	1.5
Denver.....	1.9	1.8	Baltimore.....	8.3	7.4	Charlotte.....	1.1	1.0			
						Durham.....	.7	.6	TEXAS		
CONNECTICUT			MASSACHUSETTS			Greensboro-			Austin.....	.4	.4
Bridgeport.....	3.7	3.1	Boston.....	2.1.3	1.9.2	Winston-Salem..	1.6	1.5	Beaumont.....	1.4	1.4
Hartford.....	4.2	3.4	Brockton.....	1.5	1.4				Corpus Christi..	.8	.7
New Britain....	1.2	1.2	Fall River.....	3.5	3.3	OHIO			Dallas.....	2.0	1.7
New Haven.....	3.4	2.5	Lawrence.....	3.0	3.5	Akron.....	2.4	1.5	El Paso.....	1.9	1.8
Stamford.....	1.2	1.0	Lowell.....	2.1	2.0	Canton.....	1.4	.9	Ft. Worth.....	1.0	1.0
Waterbury.....	3.0	2.4	New Bedford...	3.6	3.4	Cincinnati....	8.9	5.7	Houston.....	2.1	1.9
			Springfield...	5.3	4.5	Cleveland.....	6.0	4.0	San Antonio....	1.8	1.6
DELAWARE			Worcester.....	2.8	2.5	Columbus.....	3.1	2.2			
Wilmington.....	2.3	1.9	MICHIGAN			Dayton.....	2.3	1.4	UTAH		
			Battle Creek...	1.3	.9	Hamilton.....	1.2	.8	Salt Lake City..	3.6	2.8
DIST. OF COL.			Detroit.....	2.3.1	1.6.7	Lorain.....	.9	.7			
Washington.....	6.7	5.8	Flint.....	3.2	2.4	Steubenville...	6	.4	VIRGINIA		
			Grand Rapids...	3.8	3.0	Toledo.....	2.9	1.3	Hampton.....	.9	.7
FLORIDA			Kalamazoo.....	.9	.6	Youngstown....	1.9	1.0	Norfolk.....	1.2	.9
Jacksonville...	.7	.7	Lansing.....	1.4	1.1				Richmond.....	.4	.3
Miami.....	5.1	6.2	Muskegon.....	1.1	.8	OKLAHOMA			Roanoke.....	2	1
Tampa.....	2.7	2.5	Saginaw.....	.8	.5	Oklahoma City..	1.6	1.5			
			MINNESOTA			Tulsa.....	2.3	2.1	WASHINGTON		
GEORGIA			Duluth.....	1.4	.9	OREGON			Seattle.....	2.0.5	1.8.0
Atlanta.....	2.5	2.4	Minneapolis...	4.2	2.2	Portland.....	9.6	7.6	Spokane.....	3.4	2.8
Augusta.....	.8	.7						Tacoma.....	4.8	4.4	
Columbus.....	.7	.6	MISSISSIPPI			PENNSYLVANIA					
Macon.....	.5	.5	Jackson.....	.7	.4	Allentown.....	2.8	2.3	WEST VIRGINIA		
Savannah.....	.4	.4				Altoona.....	1.2	.9	Charleston.....	1.4	1.0
			MISSOURI			Erie.....	1.3	.7	Huntington.....	1.8	1.7
HAWAII			Kansas City....	4.2	4.3	Harrisburg....	1.6	1.2	Wheeling.....	1.0	.8
Honolulu.....	3.6	3.3	St. Louis.....	1.4.4	1.2.2	Johnstown.....	2.6	1.9			
						Lancaster.....	.9	.7	WISCONSIN		
ILLINOIS			NEBRASKA			Philadelphia...	2.6.8	2.3.1	Kenosha.....	.4	.5
Chicago.....	2.3.9	1.8.9	Omaha.....	1.4	1.2	Pittsburgh.....	1.3.2	1.0.6	Madison.....	.8	.5
Davenport.....	3.9	3.0				Reading.....	1.0	.9	Milwaukee.....	6.6	4.9
Peoria.....	1.5	.9				Scranton.....	4.6	2.9	Racine.....	.8	.6
Rockford.....	1.3	1.0				Wilkes-Barre...	6.7	4.5			

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 Bureau of Employment Security.

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

ANNUAL AVERAGES

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**HOUSEHOLD DATA
ANNUAL AVERAGES**

A-1: Employment status of the noninstitutional population by sex, age, and color
1969
(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	53,688	80.9	50,221	48,818	1,403	2.8	12,677	199	3,570	1,478	7,431
16 to 21 years	7,187	66.0	5,690	5,125	565	9.9	3,705	14	3,046	35	609
16 to 19 years	4,282	58.3	3,870	3,430	441	11.4	3,058	12	2,534	21	492
16 and 17 years	1,800	47.7	1,770	1,526	244	13.8	1,972	8	1,646	7	310
18 and 19 years	2,482	69.6	2,101	1,904	197	9.4	1,087	4	888	13	181
20 to 64 years	44,236	86.7	44,181	43,266	915	2.1	3,798	64	1,034	894	1,807
20 to 24 years	7,088	86.6	5,282	5,012	270	5.1	1,097	5	832	35	224
25 to 54 years	33,085	96.2	31,840	31,323	517	1.6	1,295	30	199	452	614
25 to 29 years	6,313	96.2	5,850	5,721	129	2.2	249	2	138	29	79
30 to 34 years	5,393	97.8	5,091	5,015	76	1.5	120	4	25	34	57
35 to 39 years	5,304	97.4	5,023	4,958	65	1.3	141	4	15	51	71
40 to 44 years	5,642	96.7	5,533	5,443	90	1.6	192	6	10	74	102
45 to 49 years	5,558	95.7	5,493	5,410	83	1.5	251	6	5	111	129
50 to 54 years	4,874	93.5	4,850	4,777	74	1.5	341	8	4	153	176
55 to 64 years	7,062	83.4	7,058	6,931	127	1.8	1,406	28	3	407	969
55 to 59 years	4,172	89.6	4,168	4,089	79	1.9	483	12	2	193	276
60 to 64 years	2,891	75.8	2,890	2,842	48	1.7	924	16	1	214	693
65 years and over	2,170	27.2	2,170	2,122	48	2.2	5,821	124	1	563	5,132
65 to 69 years	1,275	42.3	1,275	1,243	32	2.5	1,741	26	--	156	1,559
70 years and over	895	18.0	895	879	16	1.8	4,080	99	1	407	3,573
White											
16 years and over	48,283	81.2	45,185	44,048	1,137	2.5	11,164	166	3,089	1,217	6,692
16 to 21 years	6,324	66.6	4,979	4,540	439	8.8	3,165	11	2,620	27	506
16 to 19 years	3,779	59.3	3,413	3,070	343	10.1	2,593	9	2,157	15	411
16 and 17 years	1,609	49.2	1,583	1,385	198	12.5	1,663	6	1,386	5	266
18 and 19 years	2,170	70.0	1,830	1,685	145	7.9	929	3	771	10	145
20 to 64 years	42,509	92.9	39,777	39,025	751	1.9	3,246	50	931	733	4,532
20 to 24 years	6,245	86.5	4,615	4,401	214	4.6	974	4	758	28	183
25 to 54 years	29,793	96.6	28,695	28,266	429	1.5	1,035	23	171	360	480
25 to 34 years	10,442	97.2	9,773	9,608	165	1.7	300	4	145	49	102
35 to 44 years	9,855	97.5	9,509	9,379	130	1.4	251	9	18	99	125
45 to 54 years	9,496	95.2	9,413	9,279	134	1.4	483	10	8	212	253
55 to 64 years	6,471	83.9	6,467	6,359	108	1.7	1,238	23	2	344	869
55 to 59 years	3,818	90.3	3,814	3,747	67	1.8	410	10	1	159	240
60 to 64 years	2,653	76.2	2,653	2,612	41	1.5	828	14	1	184	629
65 years and over	1,995	27.3	1,995	1,953	43	2.1	5,325	106	1	469	4,749
Negro and other races											
16 years and over	5,404	78.1	5,036	4,770	266	5.3	1,513	34	480	261	739
16 to 21 years	863	61.5	711	585	126	17.7	540	3	426	8	103
16 to 19 years	503	51.9	457	360	97	21.3	466	2	377	5	81
16 and 17 years	191	38.2	187	141	46	24.7	308	1	260	3	44
18 and 19 years	312	66.4	271	219	51	19.0	158	1	117	3	37
20 to 64 years	4,726	89.5	4,404	4,241	162	3.7	553	12	103	161	275
20 to 24 years	844	87.3	667	611	56	8.4	123	1	74	7	41
25 to 54 years	3,291	92.6	3,145	3,057	88	2.8	261	8	28	91	134
25 to 34 years	1,263	94.8	1,167	1,127	40	3.4	69	2	18	14	34
35 to 44 years	1,091	93.0	1,048	1,022	26	2.4	82	1	7	26	48
45 to 54 years	937	89.5	931	908	23	2.4	110	4	2	51	52
55 to 64 years	592	77.9	592	572	19	3.2	168	4	1	63	100
55 to 59 years	354	83.0	354	342	12	3.3	72	2	1	34	36
60 to 64 years	238	71.2	238	230	7	3.1	96	2	--	29	65
65 years and over	175	26.1	175	169	6	3.2	495	19	--	94	383

HOUSEHOLD DATA
ANNUAL AVERAGES

A-1: Employment status of the noninstitutional population by sex, age, and color--Continued
1969
(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	30,551	42.7	30,512	29,084	1,428	4.7	40,924	34,688	3,443	850	1,943
16 to 21 years	5,167	48.4	5,147	4,584	562	10.9	5,509	1,744	3,136	26	604
16 to 19 years	3,109	43.3	3,099	2,687	412	13.3	4,068	827	2,705	17	518
16 and 17 years	1,240	33.7	1,240	1,047	192	15.5	2,442	268	1,818	6	350
18 and 19 years	1,869	53.5	1,860	1,639	220	11.8	1,626	559	887	11	168
20 to 64 years	26,386	49.2	26,357	25,364	991	3.8	27,246	25,453	733	292	766
20 to 24 years	4,615	56.8	4,597	4,307	290	6.3	3,512	2,750	584	24	154
25 to 54 years	17,693	49.1	17,683	17,069	614	3.5	18,345	17,620	142	159	423
25 to 29 years	2,932	44.0	2,928	2,782	145	5.0	3,727	3,583	50	20	74
30 to 34 years	2,469	43.4	2,467	2,365	102	4.1	3,215	3,107	34	15	60
35 to 39 years	2,716	48.0	2,714	2,612	102	3.8	2,946	2,843	22	19	62
40 to 44 years	3,189	51.8	3,187	3,087	101	3.2	2,972	2,849	21	24	78
45 to 49 years	3,386	54.3	3,385	3,298	87	2.6	2,851	2,725	11	38	77
50 to 54 years	3,002	53.3	3,002	2,925	76	2.5	2,634	2,514	5	43	72
55 to 64 years	4,007	43.1	4,077	3,988	89	2.2	5,389	5,083	7	109	190
55 to 59 years	2,539	49.7	2,538	2,479	59	2.3	2,571	2,437	4	51	80
60 to 64 years	1,538	35.3	1,538	1,509	29	1.9	2,818	2,647	3	58	110
65 years and over	1,056	9.9	1,056	1,033	24	2.3	9,611	8,408	5	541	658
65 to 69 years	628	17.3	628	611	17	2.7	3,009	2,782	2	64	161
70 years and over	429	6.1	429	422	7	1.6	6,603	5,626	3	477	497
White											
16 years and over	26,629	41.9	26,594	25,470	1,124	4.2	36,970	31,644	2,932	688	1,706
16 to 21 years	4,557	49.4	4,539	4,109	430	9.5	4,672	1,458	2,679	18	516
16 to 19 years	2,764	44.7	2,756	2,438	317	11.5	3,418	664	2,297	12	445
16 and 17 years	1,115	35.2	1,115	962	153	13.8	2,057	219	1,530	4	304
18 and 19 years	1,649	54.8	1,640	1,476	164	10.0	1,362	445	767	9	141
20 to 64 years	22,907	48.1	22,881	22,097	783	3.4	24,673	23,165	629	220	657
20 to 24 years	4,015	56.5	3,999	3,781	218	5.5	3,089	2,436	508	18	128
25 to 54 years	15,227	47.8	15,216	14,727	489	3.2	16,649	16,054	115	118	362
25 to 29 years	4,522	41.8	4,516	4,327	189	4.2	6,301	6,095	65	28	113
30 to 34 years	5,059	48.6	5,055	4,891	164	3.2	5,341	5,151	37	31	123
35 to 44 years	5,646	53.0	5,645	5,509	135	2.4	5,006	4,807	13	60	126
55 to 64 years	3,665	42.6	3,665	3,588	77	2.1	4,935	4,676	6	85	167
55 to 59 years	2,271	49.1	2,271	2,219	52	2.3	2,351	2,237	4	39	71
60 to 64 years	1,394	35.1	1,394	1,370	25	1.8	2,584	2,439	2	46	96
65 years and over	958	9.7	958	935	23	2.4	8,878	7,815	5	455	604
Negro and other races											
16 years and over	3,922	49.8	3,918	3,614	304	7.8	3,955	3,044	511	163	236
16 to 21 years	611	42.2	608	475	133	21.8	838	286	456	7	88
16 to 19 years	345	34.7	344	249	95	27.7	649	164	408	5	73
16 and 17 years	125	24.4	125	86	39	31.2	385	49	287	2	46
18 and 19 years	220	45.5	219	163	56	25.7	264	114	121	3	27
20 to 64 years	3,478	57.5	3,475	3,267	208	6.0	2,572	2,288	104	72	109
20 to 24 years	600	58.7	598	526	72	12.0	423	314	76	7	26
25 to 54 years	2,466	59.3	2,465	2,342	125	5.1	1,696	1,568	27	41	60
25 to 29 years	879	57.9	878	820	58	6.6	640	594	19	7	21
30 to 34 years	846	59.5	846	808	38	4.5	577	542	6	12	17
35 to 44 years	741	60.8	741	714	28	3.7	478	432	2	21	23
55 to 64 years	412	47.5	412	400	12	2.9	455	407	--	24	23
55 to 59 years	268	54.8	268	260	7	2.7	220	199	--	12	9
60 to 64 years	144	38.1	144	139	5	3.3	234	208	--	12	14
65 years and over	99	11.9	99	98	1	1.1	733	593	--	86	54

**HOUSEHOLD DATA
ANNUAL AVERAGES**

A- 2: 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	
	1969	1968	1969	1968	1969	1968	1969	1968
FEMALE								
16 years and over	30,551	29,242	42.7	41.6	30,512	29,204	42.7	41.6
16 to 19 years	3,109	2,948	43.3	42.0	3,099	2,938	43.2	41.9
16 and 17 years	1,240	1,130	33.7	31.7	1,240	1,130	33.7	31.7
18 and 19 years	1,869	1,818	53.5	52.5	1,860	1,808	53.4	52.4
20 to 24 years	4,615	4,251	56.8	54.6	4,597	4,235	56.7	54.5
25 to 54 years	17,693	17,105	49.1	47.9	17,683	17,094	49.1	47.9
25 to 34 years	5,401	5,104	43.8	42.6	5,395	5,098	43.7	42.6
35 to 44 years	5,905	5,869	49.9	48.9	5,901	5,865	49.9	48.9
45 to 54 years	6,388	6,132	53.8	52.3	6,386	6,131	53.8	52.3
55 to 64 years	4,077	3,938	43.1	42.4	4,077	3,938	43.1	42.4
55 to 59 years	2,539	2,398	49.7	47.9	2,538	2,398	49.7	47.9
60 to 64 years	1,538	1,540	35.3	36.1	1,538	1,540	35.3	36.1
65 years and over	1,056	999	9.9	9.6	1,056	999	9.9	9.6
White								
16 years and over	26,629	25,457	41.9	40.7	26,594	25,424	41.8	40.7
16 to 19 years	2,764	2,612	44.7	43.1	2,756	2,603	44.6	43.0
16 and 17 years	1,115	1,015	35.2	33.0	1,115	1,015	35.2	33.0
18 and 19 years	1,649	1,597	54.8	53.4	1,640	1,588	54.6	53.3
20 to 24 years	4,015	3,691	56.5	54.1	3,999	3,677	56.4	54.0
25 to 54 years	15,227	14,710	47.8	46.6	15,216	14,699	47.8	46.5
25 to 34 years	4,522	4,269	41.8	40.7	4,516	4,263	41.7	40.6
35 to 44 years	5,059	5,024	48.6	47.5	5,055	5,021	48.6	47.5
45 to 54 years	5,646	5,418	53.0	51.5	5,645	5,416	53.0	51.5
55 to 64 years	3,665	3,541	42.6	42.0	3,665	3,541	42.6	42.0
55 to 59 years	2,271	2,150	49.1	47.4	2,271	2,150	49.1	47.4
60 to 64 years	1,394	1,391	35.1	35.7	1,394	1,391	35.1	35.7
65 years and over	958	903	9.7	9.4	958	903	9.7	9.4
Negro and other races								
16 years and over	3,922	3,784	49.8	49.3	3,918	3,780	49.8	49.3
16 to 19 years	345	336	34.7	34.9	344	335	34.6	34.8
16 and 17 years	125	115	24.4	23.3	125	115	24.4	23.3
18 and 19 years	220	220	45.5	47.0	219	220	45.4	46.9
20 to 24 years	600	560	58.7	58.5	598	558	58.6	58.4
25 to 54 years	2,466	2,396	59.3	58.5	2,465	2,395	59.2	58.5
25 to 34 years	879	835	57.9	56.6	878	835	57.8	56.6
35 to 44 years	846	845	59.5	59.3	846	845	59.5	59.3
45 to 54 years	741	715	60.8	59.8	741	715	60.8	59.8
55 to 64 years	412	397	47.5	47.0	412	397	47.5	47.0
55 to 59 years	268	248	54.8	52.5	268	248	54.8	52.5
60 to 64 years	144	149	38.1	40.0	144	149	38.1	40.0
65 years and over	99	96	11.9	11.9	99	96	11.9	11.9

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A-2: 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	
	1969	1968	1969	1968	1969	1968	1969	1968
MALE								
16 years and over	53,688	53,030	80.9	81.2	50,221	49,533	79.8	80.1
16 to 19 years	4,282	4,196	58.3	58.3	3,870	3,681	55.9	55.1
16 and 17 years	1,800	1,713	47.7	46.8	1,770	1,687	47.3	46.4
18 and 19 years	2,482	2,482	69.6	70.2	2,101	1,994	65.9	65.4
20 to 24 years	7,088	6,788	86.6	86.5	5,282	5,070	82.8	82.8
25 to 54 years	33,085	32,861	96.2	96.5	31,840	31,603	96.1	96.3
25 to 34 years	11,706	11,376	96.9	97.1	10,940	10,610	96.7	96.9
35 to 44 years	10,946	11,122	97.0	97.2	10,556	10,725	96.9	97.1
45 to 54 years	10,432	10,364	94.6	94.9	10,343	10,267	94.6	94.9
55 to 64 years	7,062	7,030	83.4	84.3	7,058	7,025	83.4	84.3
55 to 59 years	4,172	4,120	89.6	90.0	4,168	4,115	89.6	90.0
60 to 64 years	2,891	2,910	75.8	77.3	2,890	2,910	75.8	77.3
65 years and over	2,170	2,154	27.2	27.3	2,170	2,154	27.2	27.3
White								
16 years and over	48,283	47,708	81.2	81.4	45,185	44,554	80.2	80.4
16 to 19 years	3,779	3,707	59.3	59.2	3,413	3,236	56.8	55.9
16 and 17 years	1,609	1,529	49.2	48.1	1,583	1,504	48.8	47.7
18 and 19 years	2,170	2,178	70.0	70.7	1,830	1,732	66.3	65.7
20 to 24 years	6,245	5,993	86.5	86.4	4,615	4,432	82.6	82.4
25 to 54 years	29,793	29,596	96.6	96.8	28,695	28,478	96.5	96.7
25 to 34 years	10,442	10,150	97.2	97.4	9,773	9,477	97.0	97.2
35 to 44 years	9,855	10,015	97.5	97.7	9,509	9,661	97.4	97.6
45 to 54 years	9,496	9,430	95.2	95.4	9,413	9,340	95.1	95.4
55 to 64 years	6,471	6,432	83.9	84.7	6,467	6,427	83.9	84.7
55 to 59 years	3,818	3,766	90.3	90.5	3,814	3,762	90.3	90.5
60 to 64 years	2,653	2,666	76.2	77.7	2,653	2,665	76.2	77.7
65 years and over	1,995	1,980	27.3	27.3	1,995	1,980	27.3	27.3
Negro and other races								
16 years and over	5,404	5,322	78.1	78.8	5,036	4,979	76.9	77.6
16 to 19 years	503	489	51.9	52.0	457	445	49.5	49.7
16 and 17 years	191	185	38.2	38.2	187	183	37.7	37.9
18 and 19 years	312	304	66.4	66.7	271	262	63.2	63.3
20 to 24 years	844	795	87.3	87.6	667	639	84.4	85.0
25 to 54 years	3,291	3,266	92.6	93.3	3,145	3,124	92.3	93.0
25 to 34 years	1,263	1,225	94.8	95.4	1,167	1,133	94.4	95.0
35 to 44 years	1,091	1,106	93.0	93.7	1,048	1,064	92.7	93.4
45 to 54 years	937	934	89.5	90.2	931	927	89.5	90.1
55 to 64 years	592	598	77.9	79.6	592	598	77.9	79.6
55 to 59 years	354	354	83.0	84.7	354	354	83.0	84.7
60 to 64 years	238	244	71.2	73.2	238	244	71.2	73.2
65 years and over	175	174	26.1	26.6	175	174	26.1	26.6

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A - 3: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex

Employment status	1969 (In thousands)								
	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,569	10,892	10,677	18,717	9,488	9,229	2,852	1,404	1,448
Total labor force	12,355	7,187	5,167	10,881	6,324	4,557	1,474	863	611
Percent of population	57.3	66.0	48.4	58.1	66.6	49.4	51.7	61.5	42.2
Civilian labor force	10,837	5,690	5,147	9,518	4,979	4,539	1,319	711	608
Employed	9,710	5,125	4,584	8,649	4,540	4,109	1,061	585	475
Agriculture	471	405	66	407	354	53	64	51	13
Nonagricultural industries	9,239	4,720	4,519	8,242	4,186	4,056	996	534	462
Unemployed	1,127	565	562	869	439	430	258	126	133
Percent of labor force	10.4	9.9	10.9	9.1	8.8	9.5	19.6	17.7	21.8
Looking for full-time work	701	337	363	516	248	269	184	89	95
Looking for part-time work	426	228	199	352	191	161	74	36	38
Not in labor force	9,214	3,705	5,509	7,836	3,165	4,672	1,378	540	838
Major activity: going to school									
Civilian labor force	2,945	1,737	1,209	2,703	1,596	1,107	43	141	102
Employed	2,601	1,537	1,064	2,416	1,427	989	185	110	74
Agriculture	148	134	14	135	123	12	13	11	2
Nonagricultural industries	2,453	1,404	1,050	2,281	1,304	978	172	100	72
Unemployed	344	199	145	286	168	118	58	31	27
Percent of labor force	11.7	11.5	12.0	10.6	10.6	10.6	24.0	21.9	26.9
Looking for full-time work	37	21	16	29	17	13	7	4	3
Looking for part-time work	307	178	129	257	152	105	51	27	24
Not in labor force	6,182	3,046	3,136	5,299	2,620	2,679	883	426	456
Major activity: other									
Civilian labor force	7,891	3,954	3,938	6,815	3,384	3,432	1,076	570	506
Employed	7,109	3,588	3,521	6,233	3,113	3,120	876	475	401
Agriculture	323	271	52	272	231	41	51	41	10
Nonagricultural industries	6,785	3,317	3,469	5,961	2,882	3,079	825	434	390
Unemployed	783	366	417	582	271	312	200	95	105
Percent of labor force	9.9	9.2	10.6	8.5	8.0	9.1	18.6	16.7	20.8
Looking for full-time work	664	316	348	487	231	256	177	85	91
Looking for part-time work	119	49	70	95	40	56	24	10	14
Not in labor force	3,033	659	2,374	2,537	545	1,993	495	114	381

A - 4: Employment status of the noninstitutional population 16 years and over by sex, age, and color

Employment status and color	(In thousands)							
	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	1969	1968	1969	1968	1969	1968	1969	1968
Total								
Total noninstitutional population	137,841	135,562	59,024	58,147	64,299	63,192	14,517	14,224
Total labor force	84,239	82,272	49,406	48,834	27,442	26,294	7,391	7,144
Percent of population	61.1	60.7	83.7	84.0	42.7	41.6	50.9	50.2
Civilian labor force	80,733	78,737	46,351	45,852	27,413	26,266	6,970	6,618
Employed	77,902	75,920	45,388	44,859	26,397	25,281	6,117	5,780
Agriculture	3,606	3,817	2,636	2,816	593	606	377	394
Nonagricultural industries	74,296	72,103	42,752	42,043	25,804	24,675	5,739	5,385
Unemployed	2,831	2,817	963	993	1,015	985	853	839
Percent of labor force	3.5	3.6	2.1	2.2	3.7	3.8	12.2	12.7
Not in labor force	53,602	53,291	9,619	9,313	36,857	36,898	7,126	7,080
White								
Total noninstitutional population	123,046	121,136	53,075	52,331	57,416	56,484	12,554	12,321
Total labor force	74,912	73,166	44,504	44,001	23,865	22,845	6,543	6,319
Percent of population	60.9	60.4	83.9	84.1	41.6	40.4	52.1	51.3
Civilian labor force	71,779	69,977	41,772	41,318	23,839	22,821	6,168	5,839
Employed	69,518	67,751	40,978	40,503	23,032	22,052	5,508	5,195
Agriculture	3,220	3,374	2,367	2,499	525	530	328	345
Nonagricultural industries	66,298	64,376	38,611	38,004	22,508	21,522	5,180	4,850
Unemployed	2,261	2,226	794	814	806	768	660	644
Percent of labor force	3.1	3.2	1.9	2.0	3.4	3.4	10.7	11.0
Not in labor force	48,133	47,971	8,571	8,330	33,551	33,639	6,011	6,002
Negro and other races								
Total noninstitutional population	14,795	14,426	5,949	5,816	6,883	6,708	1,963	1,902
Total labor force	9,326	9,106	4,901	4,833	3,577	3,449	848	824
Percent of population	63.0	63.1	82.4	83.1	52.0	51.4	43.2	43.3
Civilian labor force	8,954	8,760	4,579	4,535	3,574	3,446	801	779
Employed	8,384	8,169	4,410	4,356	3,365	3,229	609	585
Agriculture	386	442	269	317	68	76	49	49
Nonagricultural industries	7,997	7,727	4,141	4,039	3,297	3,153	559	535
Unemployed	570	590	168	179	209	217	193	195
Percent of labor force	6.4	6.7	3.7	3.9	5.8	6.3	24.0	25.0
Not in labor force	5,468	5,320	1,048	983	3,305	3,259	1,115	1,078

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A- 5: Full- and part-time status of the civilian labor force by age and sex

1969

(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	69,700	65,503	2,055	2,142	3.1	11,032	10,343	689	6.2
16 to 21 years	6,960	5,752	508	701	10.1	3,877	3,450	426	11.0
16 to 19 years	3,778	2,921	379	479	12.7	3,191	2,817	374	11.7
16 and 17 years	998	641	183	173	17.3	2,012	1,748	263	13.1
18 and 19 years	2,781	2,279	195	306	11.0	1,180	1,069	111	9.4
20 years and over	65,922	62,582	1,677	1,663	2.5	7,841	7,526	315	4.0
20 to 24 years	8,634	7,902	260	471	5.5	1,245	1,157	89	7.1
25 years and over	57,288	54,680	1,416	1,192	2.1	6,596	6,370	226	3.4
25 to 54 years	45,313	43,319	1,021	974	2.1	4,209	4,053	156	3.7
55 years and over	11,975	11,361	396	218	1.8	2,387	2,316	70	2.9
MALE									
16 years and over	46,345	44,169	1,075	1,101	2.4	3,876	3,574	302	7.8
16 to 21 years	3,599	2,981	281	337	9.4	2,091	1,864	228	10.9
16 to 19 years	2,098	1,639	219	239	11.4	1,773	1,571	201	11.4
20 years and over	44,248	42,530	856	862	1.9	2,103	2,002	101	4.8
20 to 24 years	4,720	4,362	133	226	4.8	562	518	44	7.9
25 years and over	39,528	38,168	723	636	1.6	1,540	1,485	57	3.7
25 to 54 years	31,341	30,355	489	495	1.6	499	479	21	4.2
55 years and over	8,187	7,812	233	140	1.7	1,041	1,006	35	3.4
FEMALE									
16 years and over	23,355	21,334	980	1,041	4.5	7,157	6,770	387	5.4
16 to 21 years	3,361	2,771	227	363	10.8	1,785	1,587	199	11.1
16 to 19 years	1,681	1,281	160	240	14.3	1,418	1,246	173	12.2
20 years and over	21,674	20,053	821	801	3.7	5,738	5,524	214	3.7
20 to 24 years	3,913	3,541	128	245	6.3	684	639	45	6.5
25 years and over	17,760	16,512	693	556	3.1	5,054	4,885	170	3.4
25 to 54 years	13,972	12,964	531	478	3.4	3,709	3,575	133	3.6
55 years and over	3,788	3,549	162	78	2.1	1,345	1,310	35	2.6

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A- 6: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1969	1968	1969	1968	1969	1968	1969	1968
Total, 16 years and over	1,403	1,419	2.8	2.9	1,428	1,397	4.7	4.8
16 to 19 years	441	427	11.4	11.6	412	412	13.3	14.0
16 and 17 years	244	234	13.8	13.9	192	179	15.5	15.9
18 and 19 years	197	193	9.4	9.7	220	233	11.8	12.9
20 years and over	963	993	2.1	2.2	1,015	985	3.7	3.8
20 to 24 years	270	258	5.1	5.1	290	285	6.3	6.7
25 years and over	692	735	1.7	1.8	726	700	3.2	3.2
25 to 34 years	205	205	1.9	1.9	247	238	4.6	4.7
35 to 44 years	155	171	1.5	1.6	203	199	3.4	3.4
45 to 54 years	157	165	1.5	1.6	163	149	2.6	2.4
55 to 64 years	127	132	1.8	1.9	89	87	2.2	2.2
55 to 59 years	79	77	1.9	1.9	59	54	2.3	2.2
60 to 64 years	48	55	1.7	1.9	29	33	1.9	2.1
65 years and over	48	61	2.2	2.9	24	27	2.3	2.7
Household head, 16 years and over	673	699	1.6	1.7	213	213	3.4	3.5
16 to 24 years	94	84	3.1	2.9	30	30	5.0	5.6
25 to 54 years	415	434	1.4	1.5	134	126	3.8	3.7
55 years and over	164	181	1.8	2.0	49	57	2.2	2.7

A- 7: 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	
	1969	1968	1969	1968	1969	1968	1969	1968
Total, 16 years and over	1,403	1,419	2.8	2.9	1,428	1,397	4.7	4.8
Married, spouse present	582	620	1.5	1.6	689	657	3.9	3.9
Widowed, divorced, or separated	107	109	4.0	4.2	228	232	4.0	4.2
Single (never married)	714	691	8.0	8.0	512	508	7.3	7.6
Total, 20 to 64 years of age	915	932	2.1	2.1	991	958	3.8	3.8
Married, spouse present	536	563	1.5	1.5	629	597	3.7	3.7
Widowed, divorced, or separated	94	97	4.0	4.3	197	204	3.9	4.2
Single (never married)	285	272	5.5	5.4	165	157	4.0	3.9
White, 16 years and over	1,137	1,142	2.5	2.6	1,124	1,084	4.2	4.3
Married, spouse present	499	523	1.4	1.5	580	539	3.7	3.6
Widowed, divorced, or separated	81	80	3.8	4.0	162	167	3.5	3.8
Single (never married)	558	539	7.1	7.2	381	378	6.2	6.4
White, 20 to 64 years of age	751	759	1.9	1.9	783	743	3.4	3.4
Married, spouse present	455	472	1.4	1.4	530	491	3.5	3.4
Widowed, divorced, or separated	71	70	3.9	4.0	136	141	3.4	3.7
Single (never married)	226	217	5.0	5.0	118	111	3.3	3.2
Negro and other races, 16 years and over	266	277	5.3	5.6	304	313	7.8	8.3
Married, spouse present	84	97	2.5	2.9	108	118	5.6	6.4
Widowed, divorced, or separated	26	29	4.5	5.0	66	65	5.8	5.9
Single (never married)	156	152	13.9	13.9	130	130	15.0	15.6
Negro and other races, 20 to 64 years of age	162	172	3.7	3.9	208	215	6.0	6.4
Married, spouse present	81	90	2.5	2.8	99	106	5.3	6.0
Widowed, divorced, or separated	23	26	4.4	4.9	62	62	5.9	6.0
Single (never married)	60	55	8.8	8.4	47	46	8.3	8.6

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A- 8: Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	1969	1968	1969	1968	1969	1968	1969	1968
Total.....	2,831	2,817	3.5	3.6	2.8	2.9	4.7	4.8
White-collar workers.....	780	725	2.1	2.0	1.2	1.2	3.0	2.9
Professional and technical.....	144	126	1.3	1.2	1.0	1.0	1.9	1.6
Managers, officials, and proprietors.....	76	76	.9	1.0	.8	.8	1.9	1.6
Clerical workers.....	420	391	3.9	3.0	2.2	2.1	3.3	3.3
Sales workers.....	140	132	2.9	2.8	1.8	1.7	4.3	4.2
Blue-collar workers.....	1,154	1,174	3.9	4.1	3.4	3.5	6.5	6.7
Craftsmen and foremen.....	226	245	2.2	2.4	2.1	2.3	3.4	4.3
Carpenters and other construction craftsmen.....	111	131	3.8	4.5	3.8	4.5	(1)	(1)
All other.....	115	114	1.5	1.5	1.5	1.4	3.3	4.1
Operatives.....	663	652	4.4	4.5	3.4	3.4	6.6	6.8
Drivers and deliverymen.....	72	79	2.7	3.0	2.7	3.0	3.2	1.6
All other.....	591	573	4.8	4.8	3.6	3.6	6.7	6.9
Nonfarm laborers.....	265	276	6.7	7.2	6.6	7.1	8.6	11.1
Construction laborers.....	90	95	10.1	11.4	10.1	11.4	--	(1)
All other.....	175	181	5.8	6.0	5.6	5.8	9.0	10.9
Service workers.....	420	436	4.2	4.4	4.0	3.8	4.4	4.8
Private household.....	61	71	3.6	3.9	(1)	(1)	3.6	4.0
All other.....	359	366	4.3	4.6	4.0	3.9	4.6	5.1
Farmers and farm laborers.....	63	73	1.9	2.1	1.6	--	3.1	3.6
No previous work experience.....	414	408	--	--	--	--	--	--
16 to 19 years.....	331	331	--	--	--	--	--	--
20 to 24 years.....	50	47	--	--	--	--	--	--
25 years and over.....	34	30	--	--	--	--	--	--

¹Percent not shown where base is less than 50,000.

A- 9: Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	1969	1968	1969	1968	1969	1968	1969	1968
Total.....	100.0	100.0	3.5	3.6	2.8	2.9	4.7	4.8
Private wage and salary workers.....	73.0	72.8	3.5	3.6	2.9	3.0	4.5	4.6
Mining.....	.5	.6	2.8	3.1	2.8	3.2	(1)	1.7
Construction.....	8.0	8.8	6.0	6.9	6.1	7.0	3.8	3.8
Manufacturing.....	24.9	24.5	3.3	3.3	2.4	2.4	5.5	5.5
Durable goods.....	13.5	13.1	3.0	3.0	2.4	2.4	5.3	5.1
Primary metal industries.....	1.0	1.2	2.2	2.7	1.8	2.5	6.1	4.9
Fabricated metal products.....	1.9	1.6	3.2	2.7	2.6	2.3	5.5	4.4
Machinery.....	1.8	1.8	2.2	2.4	1.9	2.1	3.6	4.1
Electrical equipment.....	2.2	2.3	3.0	3.2	2.7	2.1	5.0	4.9
Motor vehicles and equipment.....	1.2	1.0	3.0	2.4	2.7	2.3	5.0	3.7
All other transportation equipment.....	1.6	1.2	3.6	2.6	3.0	2.2	7.3	4.7
Other durable goods industries.....	3.7	3.9	3.8	4.0	2.8	3.1	6.6	6.5
Nondurable goods.....	11.4	11.5	3.7	3.7	2.3	2.3	5.7	5.9
Food and kindred products.....	2.9	3.1	4.5	4.7	2.9	3.3	8.7	8.6
Textile mill products.....	1.6	1.3	4.2	3.5	2.8	1.8	5.8	5.5
Apparel and other finished textile products.....	3.0	2.9	5.9	5.9	5.6	3.7	6.0	6.5
Other nondurable goods industries.....	3.9	4.1	2.5	2.7	1.7	1.8	4.4	4.4
Transportation and public utilities.....	3.5	3.1	2.2	2.0	2.0	1.8	2.9	2.6
Railroads and railway express.....	.4	.4	1.6	1.3	1.6	1.2	(1)	3.5
Other transportation.....	2.1	1.8	3.0	2.7	2.8	2.8	4.1	2.5
Communication and other public utilities.....	1.0	1.0	1.5	1.5	1.1	1.0	2.4	2.7
Wholesale and retail trade.....	18.7	18.2	4.1	4.0	3.2	3.0	5.3	5.4
Finance, insurance, and real estate.....	2.6	2.6	2.1	2.2	1.5	1.6	2.7	2.8
Service industries.....	14.8	15.1	3.5	3.7	3.0	3.3	3.8	4.0
Professional services.....	4.6	4.8	2.3	2.6	1.6	2.0	2.6	2.9
All other service industries.....	10.3	10.2	4.7	4.7	4.1	4.2	5.0	5.0
Agricultural wage and salary workers.....	2.7	3.1	6.0	6.3	5.1	5.4	10.6	11.0
All other classes of workers.....	9.7	9.7	1.3	1.4	1.0	1.0	2.0	1.9
No previous work experience.....	14.6	14.5	--	--	--	--	--	--

¹Percent not shown where base is less than 50,000.

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A-10: 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	
	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968
Unemployment level												
Total unemployed, in thousands	2,831	2,817	963	993	1,015	985	853	839	2,261	2,226	570	590
Lost last job	1,017	1,070	556	599	335	341	126	130	816	849	200	221
Left last job	436	431	164	167	171	167	101	97	357	346	79	85
Reentered labor force	965	909	216	205	455	422	294	281	767	718	198	190
Never worked before	413	407	27	22	55	55	331	330	321	313	93	94
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	35.9	38.0	57.8	60.4	33.0	34.7	14.8	15.5	36.1	38.1	35.1	37.4
Left last job	15.4	15.3	17.0	16.8	16.8	17.0	11.9	11.6	15.8	15.5	13.9	14.5
Reentered labor force	34.1	32.3	22.4	20.7	44.8	42.9	34.5	33.5	33.9	32.3	34.7	32.2
Never worked before	14.6	14.4	2.8	2.2	5.5	5.6	38.8	39.4	14.2	14.1	16.2	15.9
Unemployment rate												
Total unemployment rate	3.5	3.6	2.1	2.2	3.7	3.8	12.2	12.7	3.1	3.2	6.4	6.7
Job-loser rate ¹	1.2	1.3	1.2	1.3	1.2	1.3	1.8	1.9	1.1	1.2	2.3	2.5
Job-leaver rate ¹ . . . . .	.5	.5	.4	.4	.6	.6	1.5	1.5	.5	.5	.9	1.0
Reentrant rate ¹	1.2	1.2	.5	.5	1.7	1.6	4.2	4.2	1.1	1.0	2.2	2.2
New entrant rate ¹ . . . . .	.5	.5	.1	--	.2	.2	4.8	4.8	.4	.4	1.0	1.1

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

A-11: Unemployed persons by reason for unemployment, duration, sex, and age

1969
(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	2,831	100.0	57.5	29.2	13.2	8.5	4.7
Lost last job	1,017	100.0	50.6	31.8	17.6	11.8	5.8
Left last job	436	100.0	60.6	27.8	11.7	7.3	4.4
Reentered labor force	965	100.0	62.3	26.4	11.3	6.9	4.4
Never worked before	413	100.0	60.3	30.8	8.9	5.8	3.1
Male, 20 years and over	963	100.0	51.2	31.3	17.6	10.6	7.0
Lost last job	556	100.0	48.3	33.3	18.4	11.9	6.5
Left last job	164	100.0	55.5	30.5	14.0	8.5	5.5
Reentered labor force	216	100.0	55.1	27.8	17.2	9.3	7.9
Never worked before	27	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,015	100.0	58.8	27.4	13.8	9.1	4.7
Lost last job	335	100.0	48.4	32.2	19.4	13.4	6.0
Left last job	171	100.0	58.5	28.1	13.5	8.8	4.7
Reentered labor force	455	100.0	65.9	23.8	10.4	6.4	4.0
Never worked before	55	100.0	63.6	25.5	10.9	7.3	3.6
Both sexes, 16 to 19 years	853	100.0	63.2	29.0	7.8	5.6	2.2
Lost last job	126	100.0	66.1	24.4	9.5	7.1	2.4
Left last job	101	100.0	73.0	22.0	5.0	3.0	2.0
Reentered labor force	294	100.0	61.8	29.7	8.5	6.1	2.4
Never worked before	331	100.0	59.9	32.2	7.8	5.7	2.1

¹Percent not shown where base is less than 50,000.

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A-12: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	1969	1968	1969	1968	1969	1968	1969	1968
Total.....	2,831	2,817	100.0	100.0	886	912	100.0	100.0
Less than 5 weeks.....	1,629	1,594	57.5	56.6	446	450	50.4	49.3
5 to 14 weeks.....	827	810	29.2	28.8	278	280	31.3	30.7
5 to 10 weeks.....	627	614	22.1	21.8	206	206	23.2	22.6
11 to 14 weeks.....	200	197	7.1	7.0	72	74	8.1	8.1
15 weeks and over.....	375	412	13.3	14.6	162	182	18.3	20.0
15 to 26 weeks.....	242	256	8.5	9.1	98	103	11.0	11.3
27 weeks and over.....	133	156	4.7	5.5	65	79	7.3	8.7
Average (mean) duration.....	7.9	8.5	--	--	10.0	11.0	--	--

A-13: Unemployed persons by duration, sex, age, color, and marital status

1969

Sex, age, color, and marital status	Thousands of persons					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	1969	1968	1969	1968
Total	2,831	1,629	827	242	133	57.5	56.6	13.3	14.6
16 to 21 years.....	1,127	715	320	66	27	63.4	63.2	8.2	9.5
16 to 19 years.....	853	539	247	48	19	63.2	63.0	7.8	8.9
20 to 24 years.....	560	350	155	40	16	62.5	63.0	9.9	10.4
25 to 44 years.....	810	458	236	74	43	56.5	56.0	14.4	16.4
45 years and over.....	608	283	189	80	56	46.5	45.8	22.5	23.7
Male	1,403	773	427	128	75	55.1	53.4	14.5	16.0
16 to 21 years.....	565	358	162	34	11	63.3	61.9	8.1	8.9
16 to 19 years.....	441	280	126	27	8	63.6	61.9	7.8	8.4
20 to 24 years.....	270	167	75	21	8	61.7	60.6	10.5	9.8
25 to 44 years.....	360	186	116	35	22	51.7	51.1	15.8	18.1
45 years and over.....	332	140	110	46	37	42.0	40.5	24.9	27.4
Female	1,428	856	400	114	58	59.9	59.9	12.1	13.2
16 to 21 years.....	562	357	158	32	15	63.5	64.5	8.4	10.1
16 to 19 years.....	412	259	121	21	11	62.8	64.1	7.8	9.5
20 to 24 years.....	290	183	79	19	8	63.2	65.3	9.3	10.8
25 to 44 years.....	450	270	121	40	20	60.0	56.5	13.3	15.1
45 years and over.....	276	143	79	34	20	52.0	53.0	19.5	18.7
White: Total	2,261	1,314	651	192	104	58.1	56.9	13.1	14.7
Male.....	1,137	628	342	106	61	55.3	53.6	14.7	16.4
Female.....	1,124	685	309	86	43	61.0	60.4	11.5	12.9
Negro and other races: Total	570	315	176	50	29	55.3	55.3	13.9	14.5
Male.....	266	145	85	22	14	54.5	52.3	13.6	14.6
Female.....	304	171	91	27	15	56.1	58.0	14.1	14.5
Male: Married, wife present	582	288	185	67	42	49.5	48.6	18.8	20.3
Widowed, divorced, or separated.....	107	54	33	12	8	90.4	43.8	18.5	21.2
Single (never married).....	714	431	209	49	24	60.4	59.1	10.3	11.4
Female: Married, husband present	689	418	180	60	30	60.7	60.8	13.1	12.8
Widowed, divorced, or separated.....	228	128	68	19	12	56.4	54.7	13.8	17.2
Single (never married).....	512	309	152	34	17	60.4	61.1	9.9	11.9

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A-14: Unemployed persons by duration, occupation, and industry of last job
1969

Occupation and industry	Thousands of persons					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	1969	1968	1969	1968
OCCUPATION									
White-collar workers.....	780	454	221	65	41	58.1	57.5	13.5	14.3
Professional and managerial.....	220	121	64	23	13	55.0	52.0	16.4	18.3
Clerical workers.....	420	249	120	31	20	59.3	60.3	12.0	13.1
Sales workers.....	140	84	37	11	8	59.7	57.6	14.0	11.7
Blue-collar workers.....	1,154	637	349	112	56	55.2	53.3	14.6	16.3
Craftsmen and foremen.....	226	121	72	23	10	53.5	49.3	14.6	17.9
Operatives.....	663	364	196	68	35	54.8	54.5	15.6	16.8
Nonfarm laborers.....	265	152	81	21	10	57.5	54.0	11.9	13.7
Service workers.....	420	250	115	33	22	59.6	59.3	13.2	14.0
INDUSTRY ¹									
Agriculture.....	76	46	19	8	2	60.8	60.9	13.8	14.4
Construction.....	234	123	76	25	9	52.6	51.6	14.7	15.7
Manufacturing.....	709	391	211	69	38	55.1	53.6	15.2	17.2
Durable goods.....	384	202	120	41	21	52.7	51.3	16.0	18.1
Nondurable goods.....	325	188	90	29	17	57.9	56.1	14.2	16.2
Transportation and public utilities.....	107	61	32	8	7	56.5	60.2	14.0	15.7
Wholesale and retail trade.....	535	316	151	42	26	59.1	58.3	12.7	12.7
Finance and service industries.....	614	365	169	53	28	59.4	58.4	13.2	13.9
Public administration.....	83	46	26	6	5	55.1	50.6	.9	17.3
No previous work experience.....	414	249	128	24	13	60.2	60.7	9.0	11.6

¹Includes wage and salary workers only.

A-15: Employed persons by sex and age
(In thousands)

Age and type of industry	Total		Male		Female	
	1969	1968	1969	1968	1969	1968
					1969	1968
All industries.....	77,902	75,920	48,818	48,114	29,084	27,807
16 to 19 years.....	6,117	5,780	3,430	3,254	2,687	2,528
16 and 17 years.....	2,573	2,403	1,526	1,453	1,047	950
18 and 19 years.....	3,543	3,377	1,904	1,802	1,639	1,575
20 to 24 years.....	9,319	8,762	5,012	4,812	4,307	3,950
25 to 54 years.....	48,392	47,569	31,323	31,062	17,069	16,507
25 to 34 years.....	15,883	15,265	10,736	10,405	5,147	4,860
35 to 44 years.....	16,100	16,220	10,401	10,554	5,699	5,666
45 to 54 years.....	16,410	16,083	10,186	10,102	6,223	5,981
55 to 64 years.....	10,919	10,744	6,931	6,893	3,988	3,852
55 to 59 years.....	6,568	6,383	4,089	4,038	2,479	2,344
60 to 64 years.....	4,351	4,362	2,842	2,854	1,509	1,507
65 years and over.....	3,154	3,065	2,122	2,093	1,033	972
Nonagricultural industries.....	74,296	72,103	45,854	44,957	28,441	27,147
16 to 19 years.....	5,739	5,385	3,103	2,914	2,637	2,472
16 and 17 years.....	2,340	2,159	1,324	1,244	1,015	916
18 and 19 years.....	3,400	3,226	1,778	1,670	1,621	1,556
20 to 24 years.....	9,100	8,514	4,828	4,600	4,273	3,914
25 to 54 years.....	46,577	45,622	29,917	29,531	16,661	16,091
25 to 34 years.....	15,402	14,758	10,359	10,005	5,043	4,754
35 to 44 years.....	15,485	15,561	9,930	10,042	5,555	5,519
45 to 54 years.....	15,690	15,303	9,627	9,485	6,063	5,818
55 to 64 years.....	10,205	9,986	6,324	6,248	3,881	3,738
55 to 59 years.....	6,188	5,969	3,774	3,694	2,414	2,275
60 to 64 years.....	4,017	4,917	2,549	2,554	1,467	1,463
65 years and over.....	2,674	2,597	1,684	1,664	990	932
Agriculture.....	3,606	3,817	2,963	3,157	643	660
16 to 19 years.....	377	394	327	341	50	54
16 and 17 years.....	234	244	201	209	32	35
18 and 19 years.....	144	150	126	132	18	19
20 to 24 years.....	219	248	184	212	35	36
25 to 54 years.....	1,815	1,947	1,406	1,530	409	417
25 to 34 years.....	481	507	376	400	105	106
35 to 44 years.....	615	659	471	512	143	147
45 to 54 years.....	719	781	559	618	160	163
55 to 64 years.....	714	759	607	645	107	114
55 to 59 years.....	380	414	315	345	65	69
60 to 64 years.....	334	345	293	300	41	45
65 years and over.....	481	469	438	429	43	40

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A-16: 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	
	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968
Total	77,902	75,920	45,388	44,859	26,397	25,281	3,430	3,254	2,687	2,525
White-collar workers	36,845	35,551	18,906	18,469	15,772	15,043	667	647	1,498	1,392
Professional and technical	10,769	10,325	6,652	6,355	3,932	3,793	98	94	86	84
Medical and other health	1,691	1,635	665	632	1,002	974	4	3	20	25
Teachers, except college	2,312	2,237	713	666	1,591	1,562	2	2	6	7
Other professional and technical	6,766	6,453	5,275	5,057	1,340	1,257	92	89	59	52
Managers, officials, and proprietors	7,987	7,776	6,694	6,509	1,249	1,232	32	26	11	9
Salaried workers	5,692	5,502	4,805	4,654	849	815	29	23	10	9
Self-employed workers in retail trade	1,094	1,099	841	835	249	262	2	1	1	1
Self-employed workers, except retail trade	1,201	1,176	1,047	1,019	152	154	1	2	--	--
Clerical workers	13,397	12,803	3,109	3,108	8,869	8,361	313	300	1,106	1,032
Stenographers, typists, and secretaries	3,449	3,347	48	45	3,080	2,977	5	5	317	321
Other clerical workers	9,948	9,455	3,062	3,064	5,789	5,384	308	296	788	712
Sales workers	4,692	4,647	2,451	2,497	1,722	1,656	224	226	295	267
Retail trade	2,862	2,788	894	904	1,502	1,446	184	184	283	254
Other sales workers	1,830	1,859	1,558	1,593	220	210	40	43	12	13
Blue-collar workers	28,237	27,524	21,331	21,002	4,685	4,447	1,932	1,810	289	265
Craftsmen and foremen	10,193	10,015	9,589	9,454	328	308	265	242	11	11
Carpenters	884	869	859	844	2	1	23	24	--	--
Construction craftsmen, except carpenters	1,947	1,901	1,875	1,841	12	12	59	46	1	1
Mechanics and repairmen	2,732	2,628	2,591	2,500	31	25	109	101	1	1
Metal craftsmen, except mechanics	1,227	1,261	1,189	1,224	20	19	18	18	--	--
Other craftsmen and kindred workers	1,894	1,912	1,686	1,714	152	145	50	45	7	7
Foremen, not elsewhere classified	1,508	1,444	1,390	1,331	112	106	5	6	1	1
Operatives	14,372	13,955	9,022	8,874	4,237	4,032	860	813	252	236
Drivers and deliverymen	2,577	2,547	2,355	2,337	87	75	131	132	4	4
Other operatives	11,795	11,407	6,668	6,536	4,151	3,957	730	682	248	232
Durable goods manufacturing	4,913	4,717	3,293	3,198	1,348	1,262	199	187	74	70
Nondurable goods manufacturing	3,947	3,849	1,603	1,591	2,075	2,007	147	142	122	110
Other industries	2,935	2,841	1,772	1,747	728	688	384	353	52	52
Nonfarm laborers	3,672	3,555	2,719	2,673	120	107	807	756	26	19
Construction	804	742	670	623	2	3	130	116	1	--
Manufacturing	1,092	1,076	878	877	69	67	138	126	7	6
Other industries	1,776	1,737	1,171	1,174	48	37	539	513	18	13
Service workers	9,528	9,381	2,730	2,820	5,415	5,253	527	488	856	820
Private household workers	1,631	1,725	28	26	1,289	1,375	11	9	303	314
Service workers, except private household ..	7,897	7,656	2,702	2,794	4,125	3,878	516	478	554	506
Protective service workers	948	952	872	880	43	39	23	22	9	11
Waiters, cooks, and bartenders	2,110	2,080	400	432	1,320	1,294	133	107	258	247
Other service workers	4,838	4,624	1,430	1,482	2,761	2,545	360	350	286	247
Farm workers	3,292	3,464	2,420	2,568	525	538	303	310	43	48
Farmers and farm managers	1,844	1,926	1,754	1,831	78	81	10	13	1	--
Farm laborers and foremen	1,448	1,538	666	737	447	457	293	296	42	47
Paid workers	931	1,000	620	681	117	117	175	176	20	27
Unpaid family workers	517	538	47	56	330	340	117	120	23	21

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A-17: Employed persons by major occupation group, sex, and color

(Percent distribution)

Occupation group and color	Total		Male		Female	
	1969	1968	1969	1968	1969	1968
	Total					
Total employed (thousands)	77,902	75,920	48,818	48,114	29,084	27,807
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	47.3	46.8	40.1	39.7	59.4	59.1
Professional and technical	13.8	13.6	13.8	13.4	13.8	13.9
Managers, officials, and proprietors	10.3	10.2	13.8	13.6	4.3	4.5
Clerical workers	17.2	16.9	7.0	7.1	34.3	33.8
Sales workers	6.0	6.1	5.5	5.7	6.9	6.9
Blue-collar workers	36.2	36.3	47.7	47.4	17.1	16.9
Craftsmen and foremen	13.1	13.2	20.2	20.2	1.2	1.1
Operatives	18.4	18.4	20.2	20.1	15.4	15.3
Nonfarm laborers	4.7	4.7	7.2	7.1	.5	.5
Service workers	12.2	12.4	6.7	6.9	21.6	21.8
Private household workers	2.1	2.3	.1	.1	5.5	6.1
Other service workers	10.1	10.1	6.6	6.8	16.1	15.8
Farm workers	4.2	4.6	5.6	6.0	2.0	2.1
Farmers and farm managers	2.4	2.5	3.6	3.8	.3	.3
Farm laborers and foremen	1.9	2.0	2.0	2.1	1.7	1.8
White						
Total employed (thousands)	69,518	67,751	44,048	43,411	25,470	24,340
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.8	49.5	42.2	42.0	63.0	63.0
Professional and technical	14.5	14.3	14.6	14.1	14.3	14.6
Managers, officials, and proprietors	11.1	11.1	14.8	14.7	4.7	4.9
Clerical workers	17.7	17.5	7.0	7.1	36.3	36.0
Sales workers	6.5	6.6	5.9	6.1	7.6	7.6
Blue-collar workers	35.5	35.5	46.3	46.1	16.7	16.7
Craftsmen and foremen	13.6	13.8	20.8	20.9	1.2	1.2
Operatives	17.8	17.7	19.4	19.3	15.0	15.0
Nonfarm laborers	4.0	4.0	6.1	5.9	.5	.4
Service workers	10.5	10.4	5.9	6.1	18.4	18.2
Private household workers	1.3	1.4	.1	.1	3.5	3.8
Other service workers	9.2	9.0	5.9	6.0	14.9	14.4
Farm workers	4.2	4.5	5.5	5.9	1.9	2.1
Farmers and farm managers	2.5	2.7	3.8	4.0	.3	.3
Farm laborers and foremen	1.7	1.8	1.7	1.9	1.7	1.8
Negro and other races						
Total employed (thousands)	8,384	8,169	4,770	4,702	3,614	3,467
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	26.2	24.4	20.5	19.1	33.8	31.6
Professional and technical	8.3	7.8	7.0	6.6	10.0	9.5
Managers, officials, and proprietors	3.0	2.8	4.2	3.6	1.5	1.6
Clerical workers	12.9	11.8	7.6	7.1	20.0	18.3
Sales workers	2.0	1.9	1.8	1.7	2.3	2.2
Blue-collar workers	42.8	42.4	60.1	59.7	20.0	18.9
Craftsmen and foremen	8.5	8.0	14.2	13.4	9	.8
Operatives	23.9	23.6	28.2	28.2	18.3	17.5
Nonfarm laborers	10.5	10.7	17.8	18.1	.8	.6
Service workers	26.7	28.3	13.5	14.5	44.2	47.1
Private household workers	8.5	9.5	.3	.3	19.4	22.1
Other service workers	18.2	18.8	13.2	14.2	24.8	25.1
Farm workers	4.2	4.9	5.9	6.7	2.0	2.5
Farmers and farm managers	1.0	1.2	1.6	2.0	.2	.2
Farm laborers and foremen	3.2	3.7	4.3	4.8	1.8	2.3

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A-18: Employed persons by class of worker, sex, and age
1969
(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	68,527	1,826	12,024	54,677	5,252	517	1,179	1,896	531
16 to 19 years	5,628	376	550	4,702	67	44	222	15	141
16 and 17 years	2,276	299	194	1,783	36	28	131	7	96
18 and 19 years	3,353	77	357	2,919	31	16	91	8	44
20 to 24 years	8,927	91	1,431	7,405	154	19	139	47	33
25 to 34 years	14,590	162	2,537	11,891	746	66	207	210	63
35 to 44 years	14,179	235	2,584	11,360	1,187	119	193	321	100
45 to 54 years	14,142	343	2,801	10,998	1,387	160	170	447	103
55 to 64 years	8,971	378	1,804	6,789	1,149	85	166	478	70
55 to 59 years	5,477	201	1,119	4,157	659	52	93	243	44
60 to 64 years	3,495	178	685	2,632	490	32	73	235	26
65 years and over	2,089	241	316	1,532	561	24	83	378	20
Male	41,831	197	6,645	34,990	3,968	55	987	1,812	164
16 to 19 years	3,028	70	260	2,698	42	33	196	13	117
16 and 17 years	1,276	58	106	1,113	26	21	114	6	81
18 and 19 years	1,751	12	154	1,585	16	12	82	7	36
20 to 24 years	4,733	7	598	4,128	88	7	115	46	23
25 to 34 years	9,803	12	1,464	8,327	554	2	167	203	6
35 to 44 years	8,991	11	1,522	7,457	937	3	154	313	5
45 to 54 years	8,555	24	1,594	6,937	1,070	2	132	424	4
55 to 64 years	5,448	33	1,008	4,407	874	2	148	456	3
55 to 59 years	3,277	16	632	2,629	497	1	83	231	1
60 to 64 years	2,172	17	376	1,779	377	1	65	225	2
65 years and over	1,274	40	198	1,036	405	5	75	356	6
Female	26,695	1,629	5,379	19,687	1,284	462	192	85	367
16 to 19 years	2,601	306	290	2,005	25	11	25	2	23
16 and 17 years	999	242	88	670	10	6	17	1	15
18 and 19 years	1,601	65	202	1,335	16	4	9	1	8
20 to 24 years	4,195	84	833	3,277	67	11	24	1	10
25 to 34 years	4,787	150	1,073	3,564	192	64	40	7	57
35 to 44 years	5,188	223	1,062	3,903	251	116	39	8	96
45 to 54 years	5,587	319	1,207	4,061	318	158	38	23	99
55 to 64 years	3,523	345	797	2,382	275	83	18	22	67
55 to 59 years	2,200	185	487	1,528	162	51	10	12	43
60 to 64 years	1,323	160	309	854	113	31	8	10	24
65 years and over	815	201	118	495	157	18	7	21	14

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A-19: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	1969	1968	Total		Wage and salary workers ¹			
			1969	1968	Paid absence ²		Unpaid absence ²	
					1969	1968	1969	1968
Total	4,408	4,206	4,277	4,059	2,180	2,047	1,719	1,629
Vacation	2,298	2,180	2,275	2,157	1,650	1,566	498	465
Illness	1,258	1,208	1,213	1,162	398	378	688	662
Bad weather	123	158	92	112	--	--	--	--
Industrial dispute	111	109	111	109	--	--	--	--
All other reasons	618	550	587	520	132	103	533	502
Male	2,588	2,460	2,467	2,325	1,401	1,293	842	811
Vacation	1,301	1,237	1,280	1,216	1,042	980	164	164
Illness	771	727	728	683	266	243	390	375
All other reasons	516	496	459	426	93	70	288	271
Female	1,820	1,746	1,810	1,734	779	753	878	817
Vacation	996	943	994	941	608	586	335	300
Illness	487	482	485	479	131	134	298	287
All other reasons	337	321	331	314	40	33	245	231

¹Excludes private household.

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

A-20: Persons at work by type of industry and hours of work

1969

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	73,494	70,018	3,476	100.0	100.0	100.0
1-34 hours	16,311	15,210	1,102	22.2	21.7	31.7
1-4 hours	677	634	43	.9	.9	1.2
5-14 hours	3,366	3,102	264	4.6	4.4	7.6
15-29 hours	7,701	7,085	616	10.5	10.1	17.7
30-34 hours	4,567	4,389	179	6.2	6.3	5.1
35 hours and over	57,184	54,809	2,375	77.8	78.3	68.3
35-39 hours	4,880	4,708	172	6.6	6.7	4.9
40 hours	29,846	29,493	353	40.6	42.1	10.2
41 hours and over	22,458	20,608	1,850	30.6	29.4	53.2
41 to 48 hours	9,345	9,041	304	12.7	12.9	8.7
49 to 59 hours	6,939	6,513	426	9.4	9.3	12.3
60 hours and over	6,174	5,054	1,120	8.4	7.2	32.2
Average hours, total at work	39.9	39.5	46.1	--	--	--
Average hours, workers on full-time schedules	43.9	43.4	55.3	--	--	--

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A-21: Persons at work 1-34 hours by usual status and reason working part-time

1969

(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	16,311	5,696	10,614	15,210	5,327	9,882
Economic reasons	2,056	1,093	963	1,810	955	855
Slack work	1,017	752	265	838	624	214
Material shortages or repairs to plant and equipment	72	72	--	70	70	--
New job started during week	193	193	--	189	189	--
Job terminated during week	76	76	--	73	73	--
Could find only part-time work	697	--	697	640	--	640
Other reasons	14,256	4,604	9,652	13,401	4,374	9,027
Does not want, or unavailable for, full-time work	7,593	--	7,593	7,155	--	7,155
Vacation	505	505	--	492	492	--
Illness	1,626	1,374	252	1,529	1,335	194
Bad weather	777	777	--	643	643	--
Industrial dispute	39	39	--	39	39	--
Legal or religious holiday	820	820	--	817	817	--
Full time for this job	1,278	--	1,278	1,236	--	1,236
All other reasons	1,617	1,089	528	1,489	1,047	442
Average hours:						
Economic reasons	20.9	23.4	18.1	21.2	23.8	18.2
Other reasons	20.7	26.5	18.0	20.8	26.7	18.0
Worked 30 to 34 hours:						
Economic reasons	559	400	159	519	372	147
Other reasons	4,008	2,517	1,491	3,870	2,453	1,417

A-22: Nonagricultural workers by industry and full- or part-time status

1969

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons ^{1/}	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	2.6	12.9	84.5	55.1	12.9	16.5	39.5	43.4
Wage and salary workers	100.0	2.5	12.6	84.9	57.4	13.1	14.4	39.1	42.7
Construction	100.0	4.4	4.2	91.4	66.2	11.5	13.7	39.4	41.3
Manufacturing	100.0	2.2	2.9	94.9	64.7	16.5	13.7	41.3	42.4
Durable goods	100.0	1.4	1.9	96.8	65.3	17.2	14.3	41.9	42.6
Nondurable goods	100.0	3.4	4.4	92.2	63.9	15.5	12.8	40.5	42.1
Transportation and public utilities	100.0	1.8	6.0	92.2	62.1	13.2	16.9	41.5	43.3
Wholesale and retail trade	100.0	2.9	23.4	73.7	42.2	14.6	16.9	37.7	44.3
Finance, insurance, and real estate	100.0	1.0	9.5	89.5	66.3	10.0	13.2	39.3	41.6
Service industries	100.0	3.1	23.1	73.8	50.5	9.8	13.5	36.1	42.9
Private households	100.0	11.5	51.4	37.1	23.3	6.0	7.8	24.9	44.0
All other service	100.0	2.1	19.7	78.2	53.8	10.2	14.2	37.4	42.8
Public administration	100.0	.8	5.4	93.8	73.3	9.0	11.5	40.1	41.6
Self-employed workers	100.0	3.5	13.9	82.6	27.7	11.0	43.9	45.7	51.8
Unpaid family workers	100.0	2.1	38.4	59.5	25.6	8.7	25.2	38.9	50.1

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

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**A-23: Persons at work in nonagricultural industries by full- or part-time status,
sex, age, color, and marital status**

1969

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		
TOTAL								
Total, 16 years and over.....	70,018	1,810	9,027	59,181	38,573	20,608	39.5	43.4
16 to 21 years.....	8,932	462	3,165	5,305	4,059	1,246	30.9	40.9
16 to 19 years.....	5,571	340	2,578	2,653	2,043	610	27.7	40.8
16 and 17 years.....	2,273	161	1,582	530	406	124	20.8	40.4
18 and 19 years.....	3,298	179	996	2,123	1,636	487	32.5	40.8
20 years and over.....	64,447	1,470	6,449	56,528	36,531	19,997	40.5	43.5
20 to 24 years.....	8,697	242	1,069	7,386	5,313	2,073	38.3	41.8
25 years and over.....	55,750	1,227	5,380	49,143	31,220	17,923	40.9	43.7
25 to 44 years.....	29,217	595	2,387	26,235	16,261	9,974	41.5	44.0
45 to 64 years.....	24,089	560	2,061	21,468	14,055	7,413	40.9	43.4
65 years and over.....	2,444	72	932	1,440	905	535	33.0	44.3
Males; 16 years and over								
16 to 21 years.....	43,387	888	2,958	39,541	22,873	16,668	42.5	44.8
16 to 21 years.....	4,566	244	1,666	2,656	1,813	843	31.7	42.3
16 to 19 years.....	3,007	187	1,395	1,425	1,008	417	28.6	41.8
16 and 17 years.....	1,286	98	857	331	246	85	22.2	40.8
18 and 19 years.....	1,722	89	537	1,096	764	332	33.3	42.0
20 years and over.....	40,380	701	1,563	38,116	21,865	16,251	43.5	44.9
20 to 24 years.....	4,645	121	480	4,044	2,515	1,529	40.3	43.5
25 years and over.....	35,735	581	1,083	34,071	19,350	14,721	43.9	45.1
25 to 44 years.....	19,319	284	275	18,760	10,256	8,504	44.8	45.5
45 to 64 years.....	14,877	252	296	14,329	8,499	5,830	43.7	44.6
65 years and over.....	1,539	45	512	982	595	387	34.5	44.4
Females, 16 years and over								
16 to 21 years.....	26,631	921	6,070	19,640	15,700	3,940	34.8	40.5
16 to 21 years.....	4,366	218	1,500	2,648	2,245	403	30.2	39.6
16 to 19 years.....	2,564	153	1,184	1,227	1,034	193	26.7	39.6
16 and 17 years.....	987	64	725	198	160	38	18.9	39.6
18 and 19 years.....	1,576	90	459	1,027	872	155	31.6	39.6
20 years and over.....	24,067	767	4,886	18,414	14,667	3,747	35.6	40.6
20 to 24 years.....	4,052	122	589	3,341	2,795	546	36.0	39.7
25 years and over.....	20,016	645	4,298	15,073	11,870	3,203	35.5	40.8
25 to 44 years.....	9,899	311	2,112	7,476	6,005	1,471	35.2	40.3
45 to 64 years.....	9,212	308	1,765	7,139	5,555	1,584	36.4	41.1
65 years and over.....	906	27	420	459	311	148	30.4	44.1
COLOR								
White.....	62,502	1,421	8,127	52,954	33,783	19,171	39.8	43.6
Male.....	39,174	710	2,706	35,758	20,127	15,631	42.7	45.1
Female.....	23,329	711	5,421	17,197	13,657	3,540	34.8	40.6
Negro and other races.....	7,516	388	900	6,228	4,791	1,437	37.5	41.3
Male.....	4,213	179	251	3,783	2,745	1,038	39.8	42.2
Female.....	3,302	210	649	2,443	2,044	399	34.6	40.0
MARITAL STATUS								
Male:								
Married, wife present.....	33,896	489	949	32,458	18,090	14,368	44.1	45.2
Widowed, divorced, or separated.....	2,241	79	145	2,017	1,263	754	41.4	43.9
Single (never married).....	7,250	320	1,863	5,067	3,521	1,546	35.0	42.6
Female:								
Married, husband present.....	15,418	487	3,656	11,275	9,080	2,195	34.8	40.4
Widowed, divorced, or separated.....	5,091	212	837	4,042	3,086	956	36.7	41.3
Single (never married).....	6,122	222	1,577	4,323	3,534	789	33.1	40.2

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**A-23: Persons at work in nonagricultural industries by full- or part-time status,
sex, age, color, and marital status--Continued**

1969						
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	2.6	12.9	84.5	55.1	29.4
16 to 21 years	100.0	5.2	35.4	59.3	45.4	13.9
16 to 19 years	100.0	6.1	46.3	47.6	36.7	10.9
16 and 17 years	100.0	7.1	69.6	23.4	17.9	5.5
18 and 19 years	100.0	5.4	30.2	64.4	49.6	14.8
20 years and over	100.0	2.3	10.0	87.7	56.7	31.0
20 to 24 years	100.0	2.8	12.3	84.9	61.1	23.8
25 years and over	100.0	2.2	9.7	88.1	56.0	32.1
25 to 44 years	100.0	2.0	8.2	89.8	55.7	34.1
45 to 64 years	100.0	2.3	8.6	89.1	58.3	30.8
65 years and over	100.0	2.9	38.1	58.9	37.0	21.9
Males, 16 years and over						
Males, 16 years and over	100.0	2.0	6.8	91.1	52.7	38.4
16 to 21 years	100.0	5.3	36.5	58.2	39.7	18.5
16 and 19 years	100.0	6.2	46.4	47.4	33.5	13.9
16 and 17 years	100.0	7.6	66.6	25.7	19.1	6.6
18 and 19 years	100.0	5.2	31.2	63.7	44.4	19.3
20 years and over	100.0	1.7	3.9	94.3	54.1	40.2
20 to 24 years	100.0	2.6	10.3	87.0	54.1	32.9
25 years and over	100.0	1.6	3.0	95.3	54.1	41.2
25 to 44 years	100.0	1.5	1.4	97.1	53.1	44.0
45 to 64 years	100.0	1.7	2.0	96.3	57.1	39.2
65 years and over	100.0	2.9	33.3	63.8	38.7	25.1
Females, 16 years and over						
Females, 16 years and over	100.0	3.5	22.8	73.8	59.0	14.8
16 to 21 years	100.0	5.0	34.4	60.6	51.4	9.2
16 to 19 years	100.0	6.0	46.2	47.8	40.3	7.5
16 and 17 years	100.0	6.5	73.5	20.1	16.2	3.9
18 and 19 years	100.0	5.7	29.1	65.1	55.3	9.8
20 years and over	100.0	3.2	20.3	76.5	60.9	15.6
20 to 24 years	100.0	3.0	14.5	82.5	69.0	13.5
25 years and over	100.0	3.2	21.5	75.3	59.3	16.0
25 to 44 years	100.0	3.1	21.3	75.6	60.7	14.9
45 to 64 years	100.0	3.3	19.2	77.5	60.3	17.2
65 years and over	100.0	3.0	46.4	50.6	34.3	16.3
COLOR						
White						
White	100.0	2.3	13.0	84.8	54.1	30.7
Male	100.0	1.8	6.9	91.3	51.4	39.9
Female	100.0	3.0	23.2	73.7	58.5	15.2
Negro and other races						
Negro and other races	100.0	5.2	12.0	82.8	63.7	19.1
Male	100.0	4.2	6.0	89.8	65.2	24.6
Female	100.0	6.4	19.7	74.0	61.9	12.1
MARITAL STATUS						
Male:						
Married, wife present	100.0	1.4	2.8	95.8	53.4	42.4
Widowed, divorced, or separated	100.0	3.5	6.5	90.0	56.4	33.6
Single (never married)	100.0	4.4	25.7	69.9	48.6	21.3
Female:						
Married, husband present	100.0	3.2	23.7	73.1	58.9	14.2
Widowed, divorced, or separated	100.0	4.2	16.4	79.4	60.6	18.8
Single (never married)	100.0	3.6	25.8	70.6	57.7	12.9

HOUSEHOLD DATA ANNUAL AVERAGES

A-24: Persons at work in nonfarm occupations by full- or part-time status and sex

1969

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.....	34,781	432	4,601	29,748	18,987	3,993	6,768	40.3	44.0
Professional and technical	9,988	81	1,140	8,767	5,464	1,195	2,108	40.7	44.0
Managers, officials, and proprietors.....	7,601	71	292	7,238	2,958	1,151	3,129	47.9	49.3
Clerical workers	12,751	181	2,058	10,512	8,725	1,126	661	36.4	40.1
Sales workers.....	4,441	99	1,111	3,231	1,837	522	872	37.5	44.6
Blue-collar workers.....	26,523	959	1,684	23,880	15,795	4,192	3,893	40.4	42.7
Craftsmen and foremen	9,579	201	293	9,085	5,734	1,687	1,664	42.0	43.1
Operatives	13,466	520	832	12,114	8,083	2,112	1,191	40.5	42.7
Nonfarm laborers.....	3,478	238	559	2,681	1,978	393	310	35.6	41.1
Service workers.....	9,013	434	2,790	5,789	3,902	894	993	34.1	43.4
Private household.....	1,569	167	825	577	365	92	120	25.0	43.8
Other service workers.....	7,444	266	1,965	5,213	3,536	803	874	36.0	43.3
MALE									
White-collar workers.....	18,623	154	1,126	17,343	8,922	2,719	5,702	44.6	46.5
Professional and technical	6,389	41	383	5,965	3,449	833	1,683	43.4	45.2
Managers, officials, and proprietors	6,416	56	147	6,213	2,360	1,008	2,845	48.9	49.8
Clerical workers	3,257	30	299	2,928	2,053	478	397	39.8	42.2
Sales workers	2,561	27	296	2,238	1,061	400	777	42.7	46.3
Blue-collar workers	21,908	671	1,262	19,975	12,590	3,647	3,738	41.2	43.3
Craftsmen and foremen	9,262	193	253	8,816	5,528	1,640	1,648	42.1	43.2
Operatives	9,306	248	481	8,577	5,164	1,628	1,785	42.1	44.0
Nonfarm laborers.....	3,340	230	527	2,583	1,898	380	305	35.7	41.2
Service workers.....	3,085	74	591	2,420	1,446	410	564	39.2	45.3
Private household.....	37	2	18	17	9	4	4	27.7	46.4
Other service workers	3,048	73	573	2,402	1,436	406	560	39.3	45.3
FEMALE									
White-collar workers.....	16,158	278	3,475	12,405	10,065	1,274	1,066	35.4	40.4
Professional and technical	3,599	39	757	2,803	2,016	362	425	36.0	41.4
Managers, officials, and proprietors	1,186	15	145	1,026	599	143	284	42.7	46.2
Clerical workers	9,494	151	1,759	7,584	6,673	648	263	35.2	39.2
Sales workers	1,880	72	815	993	776	122	95	30.4	40.7
Blue-collar workers.....	4,615	288	422	3,905	3,206	544	155	36.8	39.5
Craftsmen and foremen	317	8	40	269	205	47	17	37.4	40.3
Operatives	4,161	272	351	3,538	2,921	484	133	36.9	39.5
Nonfarm laborers.....	138	8	31	99	81	13	5	32.8	39.4
Service workers.....	5,929	359	2,199	3,371	2,457	484	430	31.4	42.0
Private household.....	1,532	166	807	559	356	87	116	24.9	43.7
Other service workers	4,396	194	1,392	2,810	2,099	397	314	33.6	41.6

**HOUSEHOLD DATA
ANNUAL AVERAGES**

A-24: Persons at work in nonfarm occupations by full- or part-time status and sex--Continued

1969

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	1.2	13.2	85.6	54.6	11.5	19.5
Professional and technical	100.0	.8	11.4	87.8	54.7	12.0	21.1
Managers, officials, and proprietors	100.0	.9	3.8	95.2	38.9	15.1	41.2
Clerical workers	100.0	1.4	16.1	82.4	68.4	8.8	5.2
Sales workers	100.0	2.2	25.0	72.8	41.4	11.8	19.6
Blue-collar workers	100.0	3.6	6.3	90.1	59.6	15.8	14.7
Craftsmen and foremen	100.0	2.1	3.1	94.9	59.9	17.6	17.4
Operatives	100.0	3.9	6.2	90.0	60.0	15.7	14.3
Nonfarm laborers	100.0	6.8	16.1	77.1	56.9	11.3	8.9
Service workers	100.0	4.8	31.0	64.2	43.3	9.9	11.0
Private household	100.0	10.6	52.6	36.8	23.3	5.9	7.6
Other service workers	100.0	3.6	26.4	70.0	47.5	10.8	11.7
MALE							
White-collar workers	100.0	.8	6.0	93.1	47.9	14.6	30.6
Professional and technical	100.0	.6	6.0	93.3	54.0	13.0	26.3
Managers, officials, and proprietors	100.0	.9	2.3	96.8	36.8	15.7	44.3
Clerical workers	100.0	.9	9.2	89.9	63.0	14.7	12.2
Sales workers	100.0	1.1	11.6	87.3	41.4	15.6	30.3
Blue-collar workers	100.0	3.1	5.8	91.2	57.5	16.6	17.1
Craftsmen and foremen	100.0	2.1	2.7	95.2	59.7	17.7	17.8
Operatives	100.0	2.7	5.2	92.2	55.5	17.5	19.2
Nonfarm laborers	100.0	6.9	15.8	77.3	56.8	11.4	9.1
Service workers	100.0	2.4	19.2	78.5	46.9	13.3	18.3
Private household	100.0	5.4	48.6	45.9	24.3	10.8	10.8
Other service workers	100.0	2.4	18.8	78.8	47.1	13.3	18.4
FEMALE							
White-collar workers	100.0	1.7	21.5	76.8	62.3	7.9	6.6
Professional and technical	100.0	1.1	21.0	77.9	56.0	10.1	11.8
Managers, officials, and proprietors	100.0	1.3	12.2	86.5	50.5	12.1	23.9
Clerical workers	100.0	1.6	18.5	79.9	70.3	6.8	2.8
Sales workers	100.0	3.8	43.4	52.9	41.3	6.5	5.1
Blue-collar workers	100.0	6.2	9.1	84.7	69.5	11.8	3.4
Craftsmen and foremen	100.0	2.5	12.6	84.9	64.7	14.8	5.4
Operatives	100.0	6.5	8.4	85.0	70.2	11.6	3.2
Nonfarm laborers	100.0	5.8	22.5	71.7	58.7	9.4	3.6
Service workers	100.0	6.1	37.1	56.9	41.4	8.2	7.3
Private household	100.0	10.8	52.7	36.5	23.2	5.7	7.6
Other service workers	100.0	4.4	31.7	63.8	47.7	9.0	7.1

**HOUSEHOLD DATA
ANNUAL AVERAGES**

A-25: Employment status of 14- 15 year-olds by sex and color

1969
(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.....	7,842	3,973	3,869	6,747	3,429	3,317	1,095	544	551
Civilian labor force.....	1,447	874	573	1,323	788	534	125	86	39
Employed.....	1,319	788	530	1,222	722	500	96	66	30
Agriculture.....	207	167	40	188	156	32	19	11	7
Nonagricultural industries.....	1,112	622	490	1,034	566	468	77	55	22
Unemployed.....	129	86	43	100	67	34	28	19	9
Not in labor force.....	6,394	3,098	3,296	5,424	2,641	2,783	971	458	513
Keeping house.....	149	14	134	120	13	107	29	1	27
Going to school.....	5,115	2,533	2,581	4,330	2,159	2,171	785	375	410
Unable to work.....	10	6	5	6	4	2	4	2	3
All other reasons.....	1,121	545	576	968	464	504	153	81	72

A-26: Employed 14- 15 year-olds by sex, class of worker, and major occupation group

1969

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,319	788	530	100.0	100.0	100.0
Nonagricultural industries.....	1,112	622	490	84.4	78.8	92.5
Wage and salary workers.....	1,017	538	479	77.2	68.2	90.4
Private household workers.....	468	116	351	35.5	14.7	66.2
Government workers.....	48	28	20	3.6	3.6	3.8
Other wage and salary workers.....	501	393	108	38.0	49.9	20.4
Self-employed workers.....	77	71	6	5.8	9.0	1.1
Unpaid family workers.....	18	12	5	1.4	1.5	.9
Agriculture.....	207	167	40	15.6	21.2	7.5
Wage and salary workers.....	103	83	21	7.8	10.5	4.0
Self-employed workers.....	9	8	1	.7	1.0	.2
Unpaid family workers.....	94	76	18	7.1	9.7	3.4
OCCUPATION						
Total.....	1,319	788	530	100.0	100.0	100.0
White-collar workers.....	272	214	58	20.6	27.2	10.8
Professional and technical.....	12	6	6	.9	.8	1.1
Managers, officials, and proprietors.....	2	2	--	.2	.3	--
Clerical workers.....	44	15	29	3.3	1.9	5.5
Sales workers.....	214	191	22	16.2	24.3	4.2
Blue-collar workers.....	298	284	14	22.6	36.0	2.6
Craftsmen and foremen.....	14	13	1	1.1	1.7	.2
Operatives.....	64	56	8	4.9	7.1	1.5
Nonfarm laborers.....	220	214	5	16.7	27.2	.9
Service workers.....	555	135	421	42.1	17.2	79.4
Private household workers.....	364	15	349	27.6	1.9	66.0
Other service workers.....	191	120	71	14.5	15.2	13.4
Farm workers.....	193	155	37	14.6	19.7	7.2
Farmers and farm managers.....	4	3	1	.3	.4	.2
Farm laborers and foremen.....	189	152	37	14.3	19.3	7.0

**ESTABLISHMENT DATA
ANNUAL AVERAGES**

B-1: Employees on nonagricultural payrolls, by industry

(In thousands)

Industry	1969 ¹	1968	1967	1966	Change from	
					1968-1969	1967-1968
TOTAL	70,139	67,860	65,857	63,955	2,279	2,003
PRIVATE SECTOR	57,911	56,015	54,459	53,163	1,896	1,556
MINING	628	610	613	627	18	-3
CONTRACT CONSTRUCTION	3,410	3,267	3,208	3,275	143	59
MANUFACTURING	20,121	19,768	19,447	19,214	353	321
DURABLE GOODS	11,881	11,624	11,439	11,284	257	185
Ordnance and accessories	328.4	341.5	317.2	260.9	-13.1	24.3
Lumber and wood products	600.1	597.8	596.8	614.3	2.3	1.0
Furniture and fixtures	492.4	474.2	455.4	461.5	18.2	18.8
Stone, clay, and glass products	661.4	637.0	628.3	644.2	24.4	8.7
Primary metal industries	1,350.1	1,314.3	1,322.1	1,350.7	35.8	-7.8
Fabricated metal products	1,454.4	1,393.7	1,363.1	1,351.3	60.7	30.6
Machinery, except electrical	2,006.6	1,960.5	1,969.6	1,910.0	46.1	-9.1
Electrical equipment	2,037.5	1,981.9	1,958.9	1,908.8	55.6	23.0
Transportation equipment	2,035.9	2,028.4	1,948.5	1,917.7	7.5	79.9
Instruments and related products	469.9	459.9	450.8	430.9	10.0	9.1
Miscellaneous manufacturing	444.2	434.6	428.4	433.7	9.6	6.2
NONDURABLE GOODS	8,240	8,144	8,008	7,930	96	136
Food and kindred products	1,792.1	1,780.8	1,786.3	1,777.2	11.3	-5.5
Tobacco manufactures	80.7	83.8	86.5	84.3	-3.1	-2.7
Textile-mill products	987.2	990.6	958.5	963.5	-3.4	32.1
Apparel and other textile products	1,417.6	1,407.9	1,397.5	1,401.9	9.7	10.4
Paper and allied products	716.1	692.5	679.1	666.9	23.6	13.4
Printing and publishing	1,086.3	1,063.1	1,047.8	1,016.9	23.2	15.3
Chemicals and allied products	1,049.3	1,026.1	1,001.4	961.4	23.2	24.7
Petroleum and coal products	183.9	187.0	183.2	184.2	-3.1	3.8
Rubber and plastics products, nec.	580.9	557.1	516.4	510.7	23.8	40.7
Leather and leather products	345.3	355.5	350.9	363.6	-10.2	4.6
TRANSPORTATION AND PUBLIC UTILITIES	4,449	4,313	4,261	4,151	136	52
WHOLESALE AND RETAIL TRADE	14,644	14,081	13,606	13,245	563	475
WHOLESALE TRADE	3,768	3,618	3,525	3,437	150	93
RETAIL TRADE	10,876	10,464	10,081	9,808	412	383
FINANCE, INSURANCE, AND REAL ESTATE	3,558	3,383	3,225	3,100	175	158
SERVICES	11,102	10,592	10,099	9,551	510	493
Hotels and other lodging places	729.3	719.4	695.7	683.1	9.9	23.7
Personal services	1,024.9	1,031.3	1,027.8	1,017.4	-6.4	3.5
Medical and other health services	2,855.9	2,637.7	2,434.3	2,204.2	218.2	203.4
Educational services	1,109.0	1,065.9	1,008.4	962.7	43.1	57.5
GOVERNMENT	12,227	11,846	11,398	10,792	381	448
FEDERAL	2,756	2,737	2,719	2,564	19	18
STATE AND LOCAL	9,471	9,109	8,679	8,227	362	430

¹ Preliminary.

**ESTABLISHMENT DATA
ANNUAL AVERAGES**
**B-2: Production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

(In thousands)

Industry	1969 ²	1968	1967	1966	Change from	
					1968-1969	1967-1968
TOTAL PRIVATE	47,985	46,434	45,169	44,281	1,551	1,265
MINING	480	464	469	487	16	-5
CONTRACT CONSTRUCTION	2,878	2,754	2,708	2,784	124	46
MANUFACTURING	14,736	14,505	14,308	14,297	231	197
DURABLE GOODS	8,640	8,456	8,364	8,370	184	92
Ordnance and accessories	183.0	191.8	174.1	127.3	-8.8	17.7
Lumber and wood products	520.5	518.9	518.7	536.4	1.6	.2
Furniture and fixtures	408.9	391.8	374.9	382.5	17.1	16.9
Stone, clay, and glass products	530.4	510.2	499.9	517.3	20.2	10.3
Primary metal industries	1,079.1	1,045.6	1,060.1	1,099.9	33.5	-14.5
Fabricated metal products	1,120.1	1,074.7	1,053.5	1,051.9	45.4	21.2
Machinery, except electrical	1,371.6	1,340.8	1,368.8	1,343.6	30.8	-28.0
Electrical equipment	1,357.0	1,324.0	1,322.2	1,325.3	33.0	1.8
Transportation equipment	1,432.5	1,433.2	1,371.4	1,365.5	-7	61.8
Instruments and related products	289.9	283.6	281.8	274.7	6.3	1.8
Miscellaneous manufacturing	347.4	341.3	338.3	346.1	6.1	3.0
NONDURABLE GOODS	6,096	6,049	5,944	5,926	47	105
Food and kindred products	1,203.1	1,191.3	1,187.3	1,180.0	11.8	4.0
Tobacco manufactures	67.7	71.3	73.9	71.8	-3.6	-2.6
Textile-mill products	870.8	877.7	850.2	858.8	-6.9	27.5
Apparel and other textile products	1,245.6	1,242.1	1,237.2	1,245.7	3.5	4.9
Paper and allied products	555.0	537.4	526.3	518.2	17.6	11.1
Printing and publishing	676.3	665.3	661.6	646.4	11.0	3.7
Chemicals and allied products	618.0	608.3	592.3	574.3	9.7	16.0
Petroleum and coal products	113.2	118.1	114.7	114.7	-4.9	3.4
Rubber and plastics products, nec	450.0	431.3	397.0	397.8	18.7	34.3
Leather and leather products	296.1	306.5	303.7	318.5	-10.4	2.8
WHOLESALE AND RETAIL TRADE	13,036	12,525	12,121	11,820	511	404
WHOLESALE TRADE	3,169	3,042	2,971	2,911	127	71
RETAIL TRADE	9,867	9,483	9,151	8,909	384	332
FINANCE, INSURANCE, AND REAL ESTATE	2,828	2,687	2,566	2,476	141	121

¹ For coverage of series, see footnote 1, table B-2 (page 51).² Preliminary.
**B-3: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1969 ²	1968	1967	1966	1969 ²	1968	1967	1966	1969 ²	1968	1967	1966
TOTAL PRIVATE	37.7	37.8	38.0	38.6	\$3.04	\$2.85	\$2.68	\$2.56	\$114.61	\$107.73	\$101.84	\$98.82
MINING	43.1	42.7	42.6	42.7	3.59	3.35	3.19	3.05	154.73	143.05	135.89	130.24
CONTRACT CONSTRUCTION	38.0	37.4	37.7	37.6	4.77	4.40	4.11	3.89	181.26	164.56	154.95	146.26
MANUFACTURING	40.6	40.7	40.6	41.3	3.19	3.01	2.83	2.72	129.51	122.51	114.90	112.34
Overtime hours	3.6	3.6	3.4	3.9	-	-	-	-	-	-	-	-
DURABLE GOODS	41.4	41.4	41.2	42.1	3.38	3.19	3.00	2.90	139.59	132.07	123.60	122.09
Overtime hours	3.8	3.8	3.5	4.3	-	-	-	-	-	-	-	-
Ordnance and accessories	40.5	41.5	41.7	42.2	3.45	3.27	3.18	3.17	139.73	135.71	132.61	133.77
Lumber and wood products	40.3	40.6	40.2	40.8	2.73	2.57	2.37	2.25	110.02	104.34	95.27	91.80
Furniture and fixtures	40.4	40.6	40.4	41.5	2.62	2.47	2.33	2.21	105.85	100.28	94.13	91.72
Stone, clay, and glass products	42.0	41.8	41.6	42.0	3.18	2.99	2.82	2.72	133.56	124.98	117.31	114.24
Primary metal industries	41.8	41.6	41.1	42.1	3.79	3.55	3.34	3.28	158.42	147.68	137.27	138.09
Fabricated metal products	41.6	41.7	41.5	42.4	3.33	3.16	2.98	2.88	138.53	131.77	123.67	122.11
Machinery, except electrical	42.5	42.1	42.6	43.8	3.58	3.36	3.19	3.09	152.15	141.46	135.89	135.34
Electrical equipment	40.4	40.3	40.2	41.2	3.09	2.93	2.77	2.65	124.84	118.08	111.35	109.18
Transportation equipment	41.4	42.2	41.4	42.6	3.90	3.69	3.44	3.33	161.46	155.72	142.42	141.86
Instruments and related products	40.8	40.5	41.3	42.1	3.16	2.98	2.85	2.73	128.93	120.69	117.71	114.93
Miscellaneous manufacturing	38.9	39.3	39.4	40.0	2.65	2.50	2.35	2.22	103.09	98.25	92.59	88.80
NONDURABLE GOODS	39.7	39.8	39.7	40.2	2.91	2.74	2.57	2.45	115.53	109.05	102.03	98.49
Overtime hours	3.4	3.3	3.1	3.4	-	-	-	-	-	-	-	-
Food and kindred products	40.8	40.8	40.9	41.2	2.95	2.80	2.64	2.52	120.36	114.24	107.98	103.82
Tobacco manufactures	37.4	37.8	38.6	38.9	2.65	2.49	2.27	2.19	99.11	94.12	87.62	85.19
Textile-mill products	40.8	41.2	40.9	41.9	2.35	2.21	2.06	1.96	95.88	91.05	84.25	82.12
Apparel and other textile products	35.9	36.1	36.0	36.4	2.31	2.21	2.03	1.89	82.93	79.78	73.08	68.80
Paper and allied products	42.9	42.9	42.8	43.4	3.24	3.05	2.87	2.75	139.00	130.85	122.84	119.35
Printing and publishing	38.4	38.3	38.4	38.8	3.69	3.48	3.28	3.16	141.70	133.28	125.95	122.61
Chemicals and allied products	41.8	41.8	41.6	42.0	3.47	3.26	3.10	2.99	145.05	136.27	128.96	125.58
Petroleum and coal products	42.6	42.5	42.7	42.4	3.99	3.75	3.58	3.41	169.97	159.38	152.87	144.58
Rubber and plastics products, nec	41.1	41.5	41.4	42.0	3.07	2.92	2.74	2.67	126.18	121.18	113.44	112.14
Leather and leather products	37.2	38.3	38.1	38.6	2.36	2.23	2.07	1.94	87.79	85.41	78.87	74.88
WHOLESALE AND RETAIL TRADE	35.6	36.0	36.5	37.1	2.56	2.40	2.24	2.13	91.14	86.40	81.76	79.02
WHOLESALE TRADE	40.2	40.1	40.3	40.7	3.23	3.05	2.88	2.73	129.85	122.31	116.06	111.11
RETAIL TRADE	34.2	34.7	35.3	35.9	2.30	2.16	2.01	1.91	78.66	74.95	70.95	68.57
FINANCE, INSURANCE, AND REAL ESTATE	37.1	37.0	37.0	37.3	2.92	2.75	2.58	2.47	108.33	101.75	95.46	92.13

¹ For coverage of series, see footnote 1, table B-2 (page 51).² Preliminary unweighted averages.

QUARTERLY AVERAGES

SEASONALLY ADJUSTED DATA

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**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

1: Employment status of the noninstitutional population by sex and age, seasonally adjusted
Quarterly Averages
(In thousands)

Employment status, sex, and age	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
Total													
Total labor force	84,944	84,588	83,839	83,727	82,610	82,427	82,231	81,840	81,618	81,096	80,289	80,236	79,788
Civilian labor force	81,457	81,056	80,318	80,242	79,070	78,838	78,695	78,366	78,151	77,641	76,839	76,823	76,458
Employed	78,534	78,063	77,514	77,575	76,385	75,997	75,863	75,497	75,089	74,614	73,871	73,959	73,637
Agriculture	3,422	3,548	3,725	3,788	3,691	3,742	3,890	4,005	3,939	3,848	3,753	3,873	3,899
Nonagricultural industries	75,112	74,515	73,789	73,787	72,694	72,255	71,973	71,492	71,150	70,766	70,118	70,086	69,738
On part time for economic reasons	1,866	1,926	1,744	1,681	1,690	1,772	1,714	1,677	1,889	1,919	1,843	1,986	1,644
Usually work full time	1,007	1,012	917	885	877	964	906	833	1,021	1,034	1,056	1,126	883
Usually work part time	859	914	827	797	813	808	808	844	868	885	787	860	761
Unemployed	2,923	2,994	2,804	2,667	2,685	2,841	2,832	2,869	3,062	3,027	2,968	2,864	2,821
Men, 20 years and over													
Total labor force	49,557	49,522	49,286	49,301	48,990	48,996	48,771	48,574	48,428	48,282	48,061	47,985	47,670
Civilian labor force	46,553	46,466	46,191	46,236	45,915	45,895	45,810	45,782	45,657	45,479	45,169	45,127	44,860
Employed	45,506	45,429	45,257	45,358	44,989	44,897	44,809	44,745	44,588	44,420	44,069	44,101	43,788
Agriculture	2,507	2,636	2,696	2,706	2,724	2,781	2,854	2,911	2,867	2,814	2,781	2,829	2,837
Nonagricultural industries	42,999	42,792	42,561	42,652	42,265	42,116	41,955	41,834	41,721	41,606	41,288	41,272	40,951
Unemployed	1,047	1,037	933	878	926	998	1,001	1,037	1,069	1,059	1,100	1,026	1,072
Women, 20 years and over													
Civilian labor force	27,790	27,625	27,172	27,123	26,615	26,321	26,179	25,991	26,102	25,670	25,102	25,056	24,969
Employed	26,779	26,549	26,155	26,164	25,666	25,318	25,206	24,981	24,986	24,588	24,060	24,013	24,030
Agriculture	574	543	618	687	628	566	614	661	677	617	584	632	657
Nonagricultural industries	26,205	26,006	25,538	25,477	25,038	24,752	24,592	24,320	24,309	23,941	23,476	23,381	23,373
Unemployed	1,010	1,076	1,017	959	949	1,003	973	1,010	1,116	1,112	1,042	1,043	939
Both sexes, 16-19 years													
Civilian labor force	7,114	6,966	6,955	6,883	6,540	6,622	6,706	6,593	6,392	6,492	6,568	6,640	6,629
Employed	6,248	6,085	6,101	6,053	5,730	5,782	5,848	5,771	5,515	5,636	5,742	5,845	5,819
Agriculture	341	368	411	396	339	395	422	433	395	417	388	412	405
Nonagricultural industries	5,907	5,717	5,690	5,657	5,391	5,387	5,426	5,338	5,120	5,219	5,354	5,433	5,414
Unemployed	866	881	854	830	810	840	858	822	877	856	826	795	810

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 will not necessarily add to totals.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

2: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted
Quarterly Averages
(In thousands)

Full- and part-time employment status, sex, and age	1969				1968				1967				1966	
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	
Full time														
Total 16 years and over:														
Civilian labor force	70,254	70,066	69,313	68,892	68,558	68,374	68,279	68,123	68,108	67,662	66,968	67,093	66,861	
Employed ¹	68,063	67,838	67,159	66,846	66,566	66,234	66,133	65,886	65,752	65,397	64,711	64,893	64,605	
Unemployed	2,192	2,227	2,154	2,047	1,992	2,140	2,146	2,237	2,355	2,265	2,347	2,200	2,256	
Unemployment rate	3.1	3.2	3.1	3.0	2.9	3.1	3.1	3.3	3.5	3.3	3.5	3.3	3.4	
Men, 20 years and over:														
Civilian labor force	44,442	44,326	44,104	43,854	43,917	43,938	43,857	43,862	43,745	43,556	43,368	43,366	43,213	
Employed ¹	43,500	43,419	43,251	43,069	43,085	43,038	42,953	42,922	42,772	42,629	42,350	42,435	42,217	
Unemployed	942	907	853	784	833	900	904	940	973	928	1,017	931	996	
Unemployment rate	2.1	2.0	1.9	1.8	1.9	2.0	2.1	2.1	2.2	2.1	2.3	2.1	2.3	
Women, 20 years and over:														
Civilian labor force	21,945	21,875	21,516	21,396	21,096	20,763	20,704	20,592	20,732	20,458	20,035	19,993	19,876	
Employed ¹	21,184	21,034	20,704	20,628	20,359	19,996	19,949	19,794	19,871	19,606	19,184	19,194	19,116	
Unemployed	761	841	812	768	736	766	755	798	861	852	851	799	760	
Unemployment rate	3.5	3.8	3.8	3.6	3.5	3.7	3.6	3.9	4.2	4.2	4.2	4.0	3.8	
Both sexes, 16-19 years:														
Civilian labor force	3,867	3,865	3,693	3,642	3,545	3,673	3,718	3,670	3,631	3,648	3,656	3,734	3,772	
Employed ¹	3,378	3,386	3,204	3,148	3,122	3,200	3,231	3,171	3,109	3,163	3,177	3,264	3,272	
Unemployed	489	479	489	494	423	473	487	499	522	485	479	470	500	
Unemployment rate	12.6	12.4	13.2	13.6	11.9	12.9	13.1	13.6	14.4	13.3	13.1	12.6	13.3	
Part time														
Total 16 years and over:														
Civilian labor force	11,276	10,976	10,887	10,961	10,568	10,484	10,373	10,200	10,136	9,938	9,733	9,682	9,539	
Employed ¹	10,549	10,239	10,248	10,304	9,891	9,811	9,670	9,533	9,431	9,246	9,095	8,997	8,979	
Unemployed	727	737	640	657	678	672	702	666	706	691	638	685	560	
Unemployment rate	6.4	6.7	5.9	6.0	6.4	6.4	6.8	6.5	7.0	7.0	6.6	7.1	5.9	
Men, 20 years and over:														
Civilian labor force	2,111	2,140	2,087	2,082	1,998	1,963	1,953	1,920	1,912	1,889	1,801	1,748	1,646	
Employed ¹	2,006	2,010	2,007	1,989	1,904	1,865	1,856	1,823	1,816	1,791	1,718	1,666	1,571	
Unemployed	105	130	80	93	94	97	97	97	96	98	82	82	76	
Unemployment rate	5.0	6.1	3.8	4.5	4.7	4.9	5.0	5.1	5.0	5.2	4.6	4.7	4.6	
Women, 20 years and over:														
Civilian labor force	5,834	5,735	5,656	5,729	5,512	5,548	5,501	5,401	5,358	5,190	5,092	5,064	5,097	
Employed ¹	5,595	5,515	5,451	5,536	5,307	5,322	5,258	5,187	5,115	4,952	4,876	4,819	4,915	
Unemployed	239	220	205	193	205	225	243	214	243	238	215	246	182	
Unemployment rate	4.1	3.8	3.6	3.4	3.7	4.1	4.4	4.0	4.5	4.6	4.2	4.9	3.6	
Both sexes, 16-19 years:														
Civilian labor force	3,332	3,102	3,145	3,150	3,058	2,973	2,919	2,879	2,866	2,858	2,841	2,870	2,796	
Employed ¹	2,948	2,714	2,790	2,779	2,679	2,624	2,557	2,523	2,500	2,503	2,501	2,512	2,493	
Unemployed	384	388	355	371	379	350	362	356	366	355	340	358	303	
Unemployment rate	11.5	12.5	11.3	11.8	12.4	11.8	12.4	12.4	12.8	12.4	12.0	12.5	10.8	

¹Persons 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
QUARTERLY AVERAGES

3: Employment status by color, sex, and age, seasonally adjusted
Quarterly Averages
(In thousands)

Characteristics	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
White													
Total:													
Civilian labor force	72,468	71,927	71,388	71,421	70,388	70,016	69,813	69,668	69,432	68,915	68,170	68,301	67,936
Employed	70,098	69,529	69,185	69,285	68,371	67,753	67,578	67,403	67,034	66,526	65,850	66,052	65,734
Unemployed	2,371	2,398	2,202	2,137	2,117	2,263	2,235	2,265	2,398	2,389	2,320	2,249	2,202
Unemployment rate	3.3	3.3	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.2
Males, 20 years and over:													
Civilian labor force	41,961	41,851	41,612	41,705	41,428	41,365	41,222	41,250	41,178	40,963	40,645	40,630	40,376
Employed	41,091	40,996	40,844	40,982	40,678	40,540	40,392	40,403	40,300	40,087	39,745	39,802	39,525
Unemployed	870	855	768	723	750	825	830	847	878	876	900	828	851
Unemployment rate	2.1	2.0	1.8	1.7	1.8	2.0	2.0	2.1	2.1	2.1	2.2	2.0	2.1
Females, 20 years and over:													
Civilian labor force	24,172	23,941	23,624	23,601	23,138	22,830	22,701	22,593	22,640	22,265	21,749	21,735	21,635
Employed	23,350	23,096	22,837	22,833	22,394	22,043	21,951	21,807	21,781	21,394	20,942	20,930	20,922
Unemployed	822	844	787	768	744	787	750	786	859	871	807	805	713
Unemployment rate	3.4	3.5	3.3	3.3	3.2	3.4	3.3	3.5	3.8	3.9	3.7	3.7	3.3
Both sexes, 16 to 19 years:													
Civilian labor force	6,335	6,136	6,152	6,115	5,822	5,821	5,890	5,825	5,614	5,687	5,776	5,936	5,925
Employed	5,656	5,437	5,504	5,470	5,199	5,170	5,235	5,193	4,953	5,045	5,163	5,320	5,287
Unemployed	679	699	648	645	623	651	655	632	661	642	613	616	638
Unemployment rate	10.7	11.4	10.5	10.5	10.7	11.2	11.1	10.8	11.8	11.3	10.6	10.4	10.8
Negro and other races													
Total:													
Civilian labor force	9,041	8,984	8,854	8,947	8,724	8,706	8,818	8,782	8,727	8,634	8,624	8,614	8,538
Employed	8,480	8,391	8,251	8,418	8,147	8,133	8,219	8,181	8,062	8,005	7,974	8,001	7,916
Unemployed	561	593	603	529	577	573	599	601	665	629	650	613	622
Unemployment rate	6.2	6.6	6.8	5.9	6.6	6.6	6.8	6.8	7.6	7.3	7.5	7.1	7.3
Males, 20 years and over:													
Civilian labor force	4,615	4,598	4,545	4,563	4,507	4,520	4,561	4,548	4,492	4,509	4,503	4,504	4,492
Employed	4,438	4,420	4,375	4,408	4,329	4,350	4,385	4,359	4,301	4,329	4,300	4,305	4,268
Unemployed	178	178	169	155	178	170	176	189	191	180	203	199	224
Unemployment rate	3.9	3.9	3.7	3.4	3.9	3.8	3.9	4.2	4.3	4.0	4.5	4.4	5.0
Females, 20 years and over:													
Civilian labor force	3,616	3,592	3,525	3,568	3,467	3,416	3,456	3,442	3,444	3,349	3,338	3,371	3,322
Employed	3,427	3,359	3,300	3,375	3,262	3,200	3,238	3,215	3,190	3,107	3,108	3,132	3,097
Unemployed	189	232	225	193	205	216	218	227	254	242	230	239	225
Unemployment rate	5.2	6.5	6.4	5.4	5.9	6.3	6.3	6.6	7.4	7.2	6.9	7.1	6.8
Both sexes, 16 to 19 years:													
Civilian labor force	810	794	784	816	750	770	801	792	791	776	783	739	724
Employed	616	612	575	635	556	583	596	607	571	569	566	564	551
Unemployed	194	182	209	181	194	187	205	185	220	207	217	175	173
Unemployment rate	24.0	22.9	26.7	22.2	25.9	24.3	25.6	23.4	27.8	26.7	27.7	23.7	23.9

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

4: Major unemployment indicators, seasonally adjusted

Quarterly Averages

(Unemployment rates)

Selected categories	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
Total (all civilian workers)	3.6	3.7	3.5	3.3	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.7	3.7
Men, 20 years and over	2.2	2.2	2.0	1.9	2.0	2.2	2.2	2.3	2.3	2.3	2.4	2.3	2.4
Women, 20 years and over	3.6	3.9	3.7	3.5	3.6	3.8	3.7	3.9	4.3	4.3	4.2	4.2	3.8
Both sexes, 16-19 years	12.2	12.6	12.3	12.1	12.4	12.7	12.8	12.5	13.7	13.2	12.6	12.0	12.2
White	3.3	3.3	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.2
Negro and other races	6.2	6.6	6.8	5.9	6.6	6.6	6.8	6.8	7.6	7.3	7.5	7.1	7.3
Married men	1.6	1.6	1.5	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.7	1.8
Full-time workers	3.1	3.2	3.1	3.0	2.9	3.1	3.1	3.3	3.5	3.3	3.5	3.3	3.4
Part-time workers	6.5	6.7	5.9	6.0	6.4	6.4	6.8	6.5	7.0	7.0	6.6	7.1	5.9
Unemployed 15 weeks and over ¹ . . . . .	.5	.5	.5	.4	.4	.5	.5	.6	.6	.6	.6	.6	.6
State insured ²	--	--	--	--	--	--	--	--	--	--	--	--	--
Labor force time lost ³	4.1	4.2	3.7	3.6	3.8	4.1	3.9	4.1	4.4	4.3	4.1	4.2	4.1
Occupation													
White-collar workers	2.2	2.2	1.9	1.9	1.9	2.0	2.0	2.0	2.3	2.3	2.0	2.1	2.0
Professional and technical	1.5	1.4	1.3	1.0	1.2	1.3	1.2	1.1	1.3	1.3	1.4	1.3	1.3
Managers, officials, and proprietors	1.0	1.0	.9	1.0	1.0	1.1	.9	.9	1.0	.9	.9	.9	.9
Clerical workers	3.2	3.3	2.8	2.9	2.8	3.0	2.9	3.1	3.4	3.4	2.7	3.0	3.0
Sales workers	2.8	3.0	2.9	2.9	2.9	2.6	2.6	2.9	3.2	3.6	2.9	3.2	2.4
Blue-collar workers	4.3	4.0	3.8	3.7	3.8	4.2	4.0	4.4	4.5	4.5	4.6	4.2	4.1
Craftsmen and foremen	2.2	2.2	2.1	2.1	2.1	2.4	2.4	2.6	2.4	2.3	2.8	2.4	2.8
Operatives	4.9	4.4	4.3	4.1	4.3	4.5	4.3	4.8	5.1	5.1	5.0	4.8	4.2
Nonfarm laborers	7.0	7.4	6.4	6.4	6.7	7.6	6.9	7.6	7.8	7.8	7.9	7.1	7.5
Service workers	4.0	4.6	4.4	3.9	4.4	4.5	4.6	4.3	4.9	4.5	4.2	4.5	4.5
Farm workers	1.8	2.3	1.9	1.6	1.7	2.4	2.3	1.9	2.3	2.5	2.4	2.2	2.0
Industry													
Private wage and salary workers ⁴	3.7	3.7	3.5	3.3	3.4	3.6	3.6	3.7	4.0	4.0	3.9	3.8	3.7
Construction	6.2	6.9	5.6	5.7	6.0	6.5	6.7	7.8	6.8	6.7	8.0	7.5	8.8
Manufacturing	3.7	3.3	3.2	3.1	3.1	3.3	3.2	3.4	3.8	3.9	3.8	3.4	3.0
Durable goods	3.6	2.9	3.1	2.6	3.0	3.0	2.9	3.1	3.5	3.6	3.6	2.9	2.6
Nondurable goods	3.9	3.8	3.4	3.7	3.4	3.7	3.8	3.9	4.1	4.2	4.1	4.1	3.6
Transportation and public utilities	2.5	2.0	2.3	2.0	2.0	2.4	1.7	1.9	2.4	2.3	2.5	2.2	1.8
Wholesale and retail trade	4.0	4.4	4.1	3.8	4.0	4.0	4.0	4.1	4.5	4.5	3.8	4.0	4.2
Finance and service industries	3.0	3.5	3.3	3.0	3.2	3.5	3.5	3.3	3.7	3.6	3.4	3.6	3.5
Government wage and salary workers	2.2	1.9	1.7	1.7	1.8	1.9	1.8	1.9	2.0	1.7	1.9	1.7	1.8
Agricultural wage and salary workers	6.0	7.9	5.4	5.2	5.3	7.9	6.6	5.4	6.6	7.9	6.9	6.0	6.2

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
QUARTERLY AVERAGES

5: Unemployed persons by duration of unemployment, seasonally adjusted
 Quarterly Averages
 (In thousands)

Duration of unemployment	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
Less than 5 weeks	1,619	1,710	1,697	1,519	1,494	1,639	1,641	1,597	1,621	1,668	1,673	1,579	1,541
5 to 14 weeks	923	897	726	776	834	807	790	810	983	915	882	821	783
15 weeks and over	379	397	395	339	350	414	414	458	462	445	440	449	474
15 to 26 weeks	249	240	263	222	217	256	260	283	288	263	277	261	267
27 weeks and over	130	156	132	117	133	158	154	175	174	182	163	188	207

6: Rates of unemployment by age and sex, seasonally adjusted
 Quarterly Averages

Age and sex	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
Total, 16 years and over	3.6	3.7	3.5	3.3	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.7	3.7
16 to 19 years	12.2	12.6	12.3	12.1	12.4	12.7	12.8	12.5	13.7	13.2	12.6	12.0	12.2
16 and 17 years	15.0	15.9	13.9	13.5	14.4	14.6	14.5	14.8	15.6	15.0	14.0	14.3	13.9
18 and 19 years	9.9	10.4	11.1	11.1	10.8	11.4	11.4	11.0	12.1	11.9	11.7	10.5	9.6
20 to 24 years	6.0	6.0	5.5	5.4	5.8	5.8	5.7	5.9	5.9	6.0	5.4	5.4	5.3
25 years and over	2.3	2.3	2.2	2.1	2.1	2.3	2.3	2.4	2.6	2.6	2.7	2.6	2.5
25 to 54 years	2.3	2.4	2.3	2.1	2.2	2.4	2.3	2.4	2.7	2.7	2.8	2.6	2.6
55 years and over	2.2	2.1	1.9	1.9	2.1	2.1	2.1	2.3	2.5	2.4	2.5	2.5	2.5
Males, 16 years and over	3.0	3.0	2.7	2.6	2.7	2.8	2.9	3.0	3.1	3.1	3.2	3.0	3.1
16 to 19 years	11.6	11.7	10.9	11.4	11.6	11.2	11.4	12.0	13.3	12.2	12.5	11.5	11.6
16 and 17 years	14.1	15.1	13.1	12.9	14.0	13.4	14.1	13.7	15.7	14.6	14.5	13.6	13.1
18 and 19 years	9.3	9.1	9.2	10.1	9.4	9.5	9.0	10.4	11.1	10.3	11.0	9.7	10.1
20 to 24 years	5.7	5.4	4.8	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.6	4.1	4.7
25 years and over	1.8	1.8	1.6	1.5	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.0	2.1
25 to 54 years	1.7	1.7	1.6	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	1.9	2.0
55 years and over	2.2	2.0	1.7	1.8	1.9	2.1	2.1	2.3	2.6	2.2	2.6	2.4	2.4
Females, 16 years and over	4.6	4.9	4.8	4.5	4.5	4.9	4.8	4.8	5.2	5.3	5.0	5.0	4.7
16 to 19 years	12.9	13.7	14.0	12.9	13.5	14.5	14.5	13.1	14.2	14.4	12.7	12.6	13.0
16 and 17 years	16.2	16.9	15.0	14.5	15.1	16.3	15.1	16.4	15.4	15.7	13.4	15.4	15.1
18 and 19 years	10.6	11.8	13.2	12.3	12.4	13.5	14.0	11.7	13.3	13.6	12.4	11.5	9.0
20 to 24 years	6.4	6.6	6.3	6.0	6.8	6.7	6.4	6.8	7.0	7.5	6.4	7.0	6.1
25 years and over	3.1	3.3	3.2	3.1	3.0	3.2	3.1	3.4	3.8	3.7	3.7	3.7	3.4
25 to 54 years	3.4	3.6	3.5	3.3	3.2	3.5	3.4	3.6	4.2	4.0	4.1	3.9	3.6
55 years and over	2.2	2.3	2.2	2.1	2.4	2.2	2.1	2.5	2.3	2.6	2.3	2.7	2.8

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

7: Employed persons by age and sex, seasonally adjusted

Quarterly Averages
(In thousands)

Age and sex	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
Total													
16 years and over	78,534	78,063	77,514	77,575	76,385	75,997	75,863	75,497	75,089	74,614	73,871	73,959	73,637
16 to 19 years	6,248	6,085	6,101	6,053	5,730	5,782	5,848	5,771	5,515	5,636	5,742	5,845	5,819
16 and 17 years	2,652	2,522	2,571	2,585	2,378	2,390	2,437	2,410	2,323	2,316	2,303	2,407	2,339
18 and 19 years	3,618	3,527	3,518	3,517	3,373	3,361	3,396	3,383	3,200	3,303	3,425	3,469	3,494
20 to 24 years	9,455	9,422	9,266	9,138	8,899	8,820	8,673	8,662	8,676	8,572	8,454	8,291	8,091
25 years and over	6,2856	62,532	62,133	62,395	61,779	61,384	61,329	61,068	60,922	60,390	59,682	59,816	59,743
25 to 54 years	48,732	48,382	48,070	48,386	47,819	47,511	47,504	47,442	47,152	46,725	46,224	46,476	46,302
55 years and over	14,102	14,089	14,026	14,082	13,931	13,827	13,795	13,684	13,733	13,624	13,425	13,402	13,398
Male													
16 years and over	48,985	48,814	48,676	48,827	48,281	48,162	48,078	47,924	47,681	47,597	47,254	47,384	47,035
16 to 19 years	3,479	3,385	3,419	3,468	3,292	3,265	3,269	3,179	3,093	3,177	3,185	3,283	3,247
16 and 17 years	1,558	1,505	1,509	1,566	1,449	1,444	1,457	1,466	1,428	1,416	1,370	1,464	1,421
18 and 19 years	1,945	1,860	1,897	1,935	1,863	1,805	1,800	1,735	1,677	1,750	1,804	1,843	1,841
20 to 24 years	5,072	5,079	5,014	4,876	4,847	4,816	4,773	4,812	4,837	4,860	4,795	4,738	4,620
25 years and over	40,436	40,346	40,235	40,490	40,142	40,084	40,028	39,940	39,753	39,556	39,287	39,357	39,171
25 to 54 years	31,372	31,289	31,203	31,427	31,136	31,050	31,021	31,038	30,839	30,668	30,478	30,626	30,404
55 years and over	9,070	9,038	9,008	9,100	9,007	9,021	8,988	8,926	8,913	8,874	8,785	8,753	8,750
Female													
16 years and over	29,548	29,249	28,838	28,748	28,104	27,835	27,785	27,573	27,408	27,017	26,617	26,575	26,602
16 to 19 years	2,769	2,700	2,682	2,585	2,438	2,517	2,579	2,592	2,422	2,459	2,557	2,562	2,572
16 and 17 years	1,094	1,017	1,062	1,019	929	946	980	944	895	900	933	943	918
18 and 19 years	1,673	1,667	1,621	1,582	1,510	1,556	1,596	1,648	1,523	1,553	1,621	1,626	1,653
20 to 24 years	4,383	4,343	4,251	4,263	4,052	4,004	3,900	3,850	3,839	3,712	3,659	3,553	3,471
25 years and over	22,420	22,186	21,899	21,905	21,637	21,300	21,301	21,128	21,169	20,834	20,395	20,459	20,572
25 to 54 years	17,360	17,093	16,867	16,959	16,683	16,461	16,483	16,404	16,313	16,057	15,746	15,850	15,898
55 years and over	5,032	5,051	5,018	4,982	4,929	4,806	4,807	4,758	4,820	4,750	4,640	4,649	4,648

8: Employed persons by major occupation group, seasonally adjusted

Quarterly Averages
(In thousands)

Occupation group	1969				1968				1967				1966
	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
White-collar workers	37,509	36,959	36,700	36,217	35,906	35,756	35,445	35,109	34,882	34,481	33,955	33,616	33,686
Professional and technical	10,914	10,765	10,775	10,628	10,452	10,393	10,326	10,142	10,057	9,953	9,784	9,731	9,596
Managers, officials, and proprietors	8,143	7,992	7,985	7,828	7,900	7,838	7,661	7,706	7,639	7,640	7,445	7,254	7,429
Clerical workers	13,669	13,483	13,277	13,158	12,889	12,828	12,808	12,685	12,619	12,351	12,245	12,115	12,158
Sales workers	4,782	4,719	4,662	4,603	4,665	4,697	4,650	4,576	4,567	4,537	4,481	4,516	4,503
Blue-collar workers	28,369	28,445	27,875	28,255	27,756	27,509	27,466	27,342	27,273	27,356	27,140	27,276	26,962
Craftsmen and foremen	10,276	10,144	10,020	10,334	10,158	9,953	9,979	9,964	9,840	9,774	9,831	9,942	9,709
Operatives	14,393	14,628	14,170	14,293	14,032	13,943	13,928	13,915	13,904	14,022	13,773	13,836	13,826
Nonfarm laborers	3,700	3,673	3,685	3,629	3,566	3,613	3,559	3,463	3,529	3,560	3,536	3,498	3,427
Service workers	9,604	9,467	9,466	9,575	9,427	9,366	9,392	9,343	9,334	9,263	9,275	9,426	9,408
Farmers and farm laborers	3,051	3,229	3,447	3,479	3,307	3,401	3,536	3,683	3,620	3,556	3,472	3,610	3,585

HOUSEHOLD DATA

QUARTERLY AVERAGES

1. Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation
4th Quarter 1969

Labor force status and reasons for nonparticipation	Total	Age in years							
		16-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
Total									
Civilian noninstitutional population (in thousands)	135,246	14,192	14,752	23,898	22,620	22,924	9,829	8,233	18,798
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	60.2	47.8	67.7	69.6	73.5	74.2	68.7	54.3	17.1
Not in labor force	39.8	52.2	32.3	30.4	26.5	25.8	31.3	45.7	82.9
In school	6.2	44.4	11.6	1.3	.3	(1)	.1	--	(1)
Ill health, disability	3.2	.6	.7	1.2	2.0	3.5	5.0	7.7	8.1
Home responsibilities	23.8	4.6	17.8	26.3	22.5	20.0	22.9	29.6	43.9
Retirement, old age	4.3	--	--	--	--	.1	.3	6.0	28.3
Think cannot get job . . . . .	.4	.4	.4	.3	.4	.3	.4	.5	.7
All other reasons	1.8	2.3	1.9	1.3	1.3	1.8	2.7	2.0	1.8
Male									
Civilian noninstitutional population (in thousands)	63,310	6,956	6,514	11,434	10,854	10,992	4,681	3,841	8,037
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	79.1	51.7	80.8	96.4	97.0	94.5	90.0	75.9	26.9
Not in labor force	20.9	48.3	19.2	3.6	3.0	5.5	10.0	24.1	73.1
In school	7.0	44.8	16.3	1.6	.2	.1	(1)	--	(1)
Ill health, disability	3.4	.7	.6	.9	1.8	3.5	5.9	9.9	9.2
Home responsibilities . . . . .	.3	.2	.2	.1	.1	.1	.1	.2	1.7
Retirement, old age	8.1	--	--	--	--	.1	.6	10.8	58.1
Think cannot get job . . . . .	.3	.3	.2	.2	--	.2	.2	.3	1.0
All other reasons	1.9	2.3	1.9	.9	1.0	1.6	3.2	3.0	3.1
Female									
Civilian noninstitutional population (in thousands)	71,937	7,236	8,238	12,464	11,765	11,932	5,148	4,392	10,761
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	43.6	43.9	57.3	45.0	51.8	55.5	49.3	35.4	9.8
Not in labor force	56.3	56.1	42.7	55.0	48.2	44.5	50.7	64.6	90.2
In school	5.6	44.0	7.9	1.0	.4	.1	.1	--	.1
Ill health, disability	3.1	.5	.8	1.5	2.2	3.5	4.2	5.7	7.4
Home responsibilities	44.4	8.8	31.7	50.3	43.2	38.4	43.6	55.2	75.3
Retirement, old age	1.0	--	--	--	--	(1)	(1)	1.9	6.1
Think cannot get job . . . . .	.5	.5	.5	.4	.7	.5	.5	.6	.5
All other reasons	1.7	2.3	1.8	1.8	1.7	2.0	2.3	1.2	.8

¹Percent less than 0.05 percent.

**HOUSEHOLD DATA
QUARTERLY AVERAGES**

2. Reasons for nonparticipation in labor force by age and sex

Nonparticipants by reason for status	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968
Thousands of persons										
Total	53,781	53,821	7,414	7,664	4,764	4,697	22,261	22,595	19,343	18,865
In school	8,430	8,750	6,300	6,614	1,708	1,694	416	432	7	10
Ill health, disability	4,379	4,377	85	82	106	110	2,031	2,020	2,157	2,164
Home responsibilities	32,156	32,407	649	645	2,623	2,577	18,206	18,634	10,679	10,553
Retirement, old age	5,869	5,561	--	--	--	--	48	62	5,822	5,499
Think cannot get job	548	573	54	50	54	47	262	281	178	196
All other reasons	2,398	2,152	326	273	273	271	1,297	1,166	500	443
Male	13,218	12,990	3,357	3,417	1,248	1,189	1,813	1,738	6,799	6,647
In school	4,405	4,445	3,118	3,193	1,060	1,039	225	211	2	2
Ill health, disability	2,153	2,145	50	39	42	36	949	933	1,113	1,137
Home responsibilities	194	167	12	14	10	12	25	24	147	118
Retirement, old age	5,126	4,998	--	--	--	--	44	54	5,082	4,946
Think cannot get job	167	177	19	21	11	6	45	53	92	98
All other reasons	1,173	1,057	157	148	126	98	525	464	365	347
Female	40,563	40,830	4,056	4,247	3,516	3,508	20,447	20,857	12,543	12,218
In school	4,025	4,306	3,181	3,420	648	655	190	223	6	8
Ill health, disability	2,226	2,232	35	43	64	74	1,082	1,087	1,045	1,027
Home responsibilities	31,963	32,240	637	630	2,613	2,565	18,179	18,609	10,532	10,435
Retirement, old age	743	562	--	--	--	--	4	8	739	554
Think cannot get job	381	396	35	28	43	40	219	229	86	99
All other reasons	1,225	1,095	169	123	147	174	773	704	135	95
Percent distribution										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	15.7	16.3	85.0	86.3	35.9	36.1	1.9	1.9	(1)	.1
Ill health, disability	8.1	8.1	1.1	1.1	2.2	2.3	9.1	8.9	11.2	11.5
Home responsibilities	59.8	60.2	8.8	8.4	55.1	54.8	81.8	82.5	55.2	55.9
Retirement, old age	10.9	10.3	--	--	--	--	.2	.3	30.1	29.1
Think cannot get job	1.0	1.1	.7	.7	1.1	1.0	1.2	1.2	.9	1.0
All other reasons	4.5	4.0	4.4	3.6	5.7	5.8	5.8	5.2	2.6	2.3
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	33.3	34.2	92.9	93.5	84.9	87.2	12.4	12.2	(1)	(1)
Ill health, disability	16.3	16.5	1.5	1.1	3.4	3.0	52.3	53.8	16.4	17.1
Home responsibilities	1.5	1.3	.4	.4	.8	1.0	1.4	1.4	2.2	1.8
Retirement, old age	38.8	38.5	--	--	--	--	2.4	2.9	74.7	74.4
Think cannot get job	1.3	1.4	.6	.6	.9	.5	2.5	3.1	1.4	1.5
All other reasons	8.9	8.1	4.7	4.3	10.1	8.2	29.0	26.7	5.4	5.2
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	9.9	10.5	78.4	80.5	18.4	18.7	.9	1.1	(1)	.1
Ill health, disability	5.5	5.5	.9	1.0	1.8	2.1	5.3	5.2	8.3	8.4
Home responsibilities	78.8	79.0	15.7	14.8	74.3	73.1	88.9	89.2	84.0	85.4
Retirement, old age	1.8	1.4	--	--	--	--	(1)	(1)	5.9	4.5
Think cannot get job .....	.9	1.0	.9	.7	1.2	1.1	1.1	1.1	.7	.8
All other reasons	3.0	2.7	4.2	2.9	4.2	5.0	3.8	3.4	1.1	.8

¹Percent less than 0.05 percent.

HOUSEHOLD DATA

QUARTERLY AVERAGES

3. Reasons for nonparticipation in labor force by age, color, and sex

Nonparticipants by reason for status	Total		Age in years					
			16-24		25-59		60 and over	
	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968
White								
Male (in thousands)	11,682	11,472	3,978	3,982	1,490	1,423	6,215	6,067
In school	3,823	3,865	3,625	3,683	196	181	2	2
Ill health, disability	1,777	1,714	78	50	761	728	937	936
Home responsibilities	157	152	20	24	13	19	124	108
Retirement, old age	4,783	4,684	--	--	43	54	4,740	4,631
Think cannot get job	149	134	22	18	41	39	87	77
All other reasons	992	923	233	207	436	402	324	314
Female (in thousands)	36,619	36,922	6,505	6,698	18,555	18,948	11,559	11,276
In school	3,441	3,727	3,275	3,532	160	187	6	8
Ill health, disability	1,776	1,811	72	91	829	848	875	872
Home responsibilities	29,389	29,621	2,864	2,788	16,711	17,111	9,815	9,723
Retirement, old age	672	503	--	--	4	8	668	494
Think cannot get job	296	333	61	57	162	183	74	92
All other reasons	1,044	928	233	230	688	610	121	88
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	32.7	33.7	91.1	92.5	13.2	12.7	(1)	(1)
Ill health, disability	15.2	14.9	2.0	1.3	51.1	51.2	15.1	15.4
Home responsibilities	1.3	1.3	.5	.6	.9	1.3	2.0	1.8
Retirement, old age	40.9	40.8	--	--	2.9	3.8	76.3	76.3
Think cannot get job	1.3	1.2	.6	.5	2.8	2.7	1.4	1.3
All other reasons	8.5	8.0	5.9	5.2	29.3	28.3	5.2	5.2
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	9.4	10.1	50.3	52.7	.9	1.0	.1	.1
Ill health, disability	4.9	4.9	1.1	1.4	4.5	4.5	7.6	7.7
Home responsibilities	80.3	80.2	44.0	41.6	90.1	90.3	84.9	86.2
Retirement, old age	1.8	1.4	--	--	(1)	(1)	5.8	4.4
Think cannot get job . . . . .	.8	.9	.9	.9	.9	1.0	.6	.8
All other reasons	2.9	2.5	3.6	3.4	3.7	3.2	1.0	.8
Negro and other races								
Male (in thousands)	1,536	1,518	627	625	323	313	585	580
In school	582	579	553	550	29	30	--	--
Ill health, disability	377	431	14	25	188	205	175	202
Home responsibilities	36	16	2	1	12	4	23	10
Retirement, old age	343	314	--	--	1	--	342	315
Think cannot get job	18	43	9	9	4	13	5	21
All other reasons	179	135	51	38	89	62	39	32
Female (in thousands)	3,945	3,908	1,068	1,057	1,893	1,910	983	942
In school	584	579	552	544	30	35	--	--
Ill health, disability	450	421	26	26	255	240	169	155
Home responsibilities	2,573	2,619	388	409	1,469	1,498	718	712
Retirement, old age	71	60	--	--	--	--	71	60
Think cannot get job	85	63	17	10	55	46	12	7
All other reasons	182	167	83	68	84	92	14	8
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	37.9	38.1	87.9	88.3	9.0	9.6	--	--
Ill health, disability	24.6	28.4	2.2	4.0	58.2	65.3	30.0	34.8
Home responsibilities	2.3	1.1	.3	.2	3.7	1.3	3.9	1.7
Retirement, old age	22.3	20.7	--	--	.3	--	58.6	54.3
Think cannot get job	1.2	2.8	1.4	1.4	1.2	4.1	.9	3.6
All other reasons	11.7	8.9	8.1	6.1	27.6	19.7	6.7	5.5
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	14.8	14.8	51.8	51.5	1.6	1.8	--	--
Ill health, disability	11.4	10.8	2.4	2.5	13.5	12.6	17.2	16.5
Home responsibilities	65.2	67.0	36.4	38.7	77.6	78.4	73.0	75.6
Retirement, old age	1.8	1.5	--	--	--	--	7.2	6.4
Think cannot get job	2.2	1.6	1.6	.9	2.9	2.4	1.2	.7
All other reasons	4.6	4.3	7.8	6.4	4.4	4.8	1.4	.8

¹Percent less than 0.05 percent.

HOUSEHOLD DATA QUARTERLY AVERAGES

4. Job desire of persons not in labor force and reasons for not seeking work by age and sex

Reasons for not seeking work	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968
Thousands of persons										
Total not in labor force	53,781	53,821	7,414	7,664	4,764	4,697	22,261	22,595	19,343	18,865
Do not want job now	49,490	49,462	6,272	6,567	4,186	4,151	20,200	20,477	18,833	18,263
Want job now - total	4,291	4,359	1,142	1,097	578	546	2,061	2,118	510	602
In school	1,081	1,028	883	868	135	107	63	51	--	3
Ill health, disability	613	676	32	19	28	25	387	415	167	218
Home responsibilities	1,185	1,263	78	75	212	246	854	893	41	49
Think cannot get job	548	573	54	50	54	47	262	281	178	196
All other reasons	864	819	95	85	149	121	495	478	124	136
Male	1,262	1,219	538	547	167	121	304	265	250	287
In school	567	571	456	483	92	73	18	14	--	--
Ill health, disability	283	276	21	7	12	10	143	139	104	121
Think cannot get job	167	177	19	21	11	6	45	53	92	98
All other reasons ¹	245	195	42	36	52	32	96	59	54	68
Female	3,030	3,140	604	547	412	424	1,758	1,854	261	314
In school	515	457	426	384	44	34	44	36	--	3
Ill health, disability	330	400	12	12	16	15	241	277	63	97
Home responsibilities	1,159	1,238	74	73	204	237	849	884	33	42
Think cannot get job	381	396	35	28	43	40	219	229	86	99
All other reasons	645	649	57	50	105	98	405	428	79	73
Percent distribution										
Want job now - total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	25.2	23.6	77.3	79.1	23.4	19.6	3.1	2.4	--	.5
Ill health, disability	14.3	15.5	2.8	1.7	4.8	4.6	18.8	19.6	32.7	36.2
Home responsibilities	27.6	29.0	6.8	6.8	36.7	45.1	41.4	42.2	8.0	8.1
Think cannot get job	12.8	13.1	4.7	4.6	9.3	8.6	12.7	13.3	34.9	32.6
All other reasons	20.1	18.8	8.3	7.7	25.8	22.2	24.0	22.6	24.3	22.6
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	44.9	46.8	84.8	88.3	55.1	60.3	5.9	5.3	--	--
Ill health, disability	22.4	22.6	3.9	1.3	7.2	8.3	47.7	52.5	41.6	42.2
Think cannot get job	13.2	14.5	3.5	3.8	6.6	5.0	14.8	20.0	36.8	34.1
All other reasons ¹	19.4	16.0	7.8	6.6	31.1	26.4	31.6	22.3	21.6	23.7
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	17.0	14.6	70.5	70.2	10.7	8.0	2.5	1.9	--	1.0
Ill health, disability	10.9	12.7	2.0	2.2	3.9	3.5	13.7	14.9	24.1	30.9
Home responsibilities	38.3	39.4	12.3	13.3	49.5	55.9	48.3	47.7	12.6	13.4
Think cannot get job	12.6	12.6	5.8	5.1	10.4	9.4	12.5	12.4	33.0	31.5
All other reasons	21.3	20.7	9.4	9.1	25.5	23.1	23.0	23.1	30.3	23.2

¹Includes small number of men not seeking work because of home responsibilities.

HOUSEHOLD DATA

QUARTERLY AVERAGES

5. Job desire of persons not in labor force and reasons for not seeking work by color and sex

Reasons for not seeking work	White				Negro and other races			
	Male		Female		Male		Female	
	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968
Thousands of persons								
Total not in labor force	11,682	11,472	36,619	36,922	1,536	1,518	3,945	3,908
Do not want job now	10,641	10,536	34,216	34,492	1,316	1,236	3,316	3,197
Want job now	1,041	936	2,403	2,430	220	282	629	711
In school	456	429	397	349	110	141	118	108
Ill health, disability	236	203	243	293	47	73	87	108
Home responsibilities ¹	--	--	901	902	--	--	259	336
Think cannot get job	149	134	296	333	18	43	85	63
All other reasons	200	170	566	553	45	25	80	96
Percent distribution								
Want job now	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	43.8	45.8	16.5	14.4	50.0	50.0	18.8	15.2
Ill health, disability	22.7	21.7	10.1	12.1	21.4	25.9	13.8	15.2
Home responsibilities ¹	--	--	37.5	37.1	--	--	41.2	47.3
Think cannot get job	14.3	14.3	12.3	13.7	8.2	15.2	13.5	8.9
All other reasons	19.2	18.2	23.6	22.8	20.5	8.9	12.7	13.5

¹Small number of men not seeking work because of "home responsibilities" are included in "all other reasons."

6. Persons not in labor force who desire to work but think they cannot get jobs by age, color, sex, and detailed reason

4th Quarter 1969
(In thousands)

Detailed reason for not seeking work	Total	Age in years				Color	
		16-19	20-24	25-59	60 and over	White	Negro and other races
Total	548	54	54	262	178	445	103
Employers think too young or old	143	9	--	29	105	132	11
Lacks education or training	61	10	14	35	4	47	14
Other personal handicap	45	4	8	29	4	36	9
Could not find job	146	21	23	78	24	110	37
Thinks no job available	152	11	9	91	42	121	31
Male	167	19	11	45	92	149	18
Employers think too young or old	67	6	--	4	58	65	2
Lacks education or training	13	2	6	6	--	8	5
Other personal handicap	11	--	2	6	3	10	1
Could not find job	33	8	--	11	13	33	--
Thinks no job available	43	3	4	18	18	33	10
Female	381	35	43	219	86	296	85
Employers think too young or old	76	3	--	26	47	67	9
Lacks education or training	48	8	8	29	4	39	9
Other personal handicap	34	4	6	23	1	26	8
Could not find job	114	14	23	67	11	77	37
Thinks no job available	109	7	6	74	22	88	21

HOUSEHOLD DATA QUARTERLY AVERAGES

7. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age and sex

Most recent work experience and reason leaving job	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968
Total										
Not in labor force (in thousands)	53,781	53,821	7,414	7,664	4,764	4,697	22,261	22,595	19,343	18,865
Never worked	9,435	10,032	3,498	3,790	732	828	2,484	2,550	2,719	2,863
Last worked over 5 years ago	24,504	24,322	28	16	279	270	11,766	12,058	12,432	11,978
Last worked 1 to 5 years ago	9,269	9,073	448	498	1,453	1,376	4,569	4,533	2,799	2,666
Left job previous 12 months	10,571	10,393	3,440	3,359	2,300	2,224	3,441	3,452	1,391	1,357
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	54.4	53.4	70.2	70.2	75.4	76.3	43.7	41.3	6.9	4.8
Ill health, disability	8.7	9.4	1.6	1.3	2.1	2.4	16.0	16.6	19.0	22.4
Retirement, old age	6.5	5.8	--	--	--	--	1.4	1.8	45.7	39.8
Economic reasons	15.6	16.2	14.2	15.2	9.1	8.9	19.8	20.9	19.5	18.8
End of seasonal job	7.8	8.2	9.7	9.4	4.9	4.4	7.2	9.0	9.6	9.9
Slack work	3.0	3.0	1.8	1.6	1.9	2.2	4.8	4.7	3.2	3.2
End of temporary job	4.8	5.0	2.7	4.2	2.3	2.3	7.9	7.2	6.6	5.7
All other reasons	14.9	15.2	14.0	13.3	13.3	12.3	19.1	19.5	9.0	14.3
Male										
Not in labor force (in thousands)	13,218	12,990	3,357	3,417	1,248	1,189	1,813	1,738	6,799	6,647
Never worked	1,553	1,698	1,241	1,374	163	161	121	126	28	36
Last worked over 5 years ago	5,004	4,804	13	8	16	14	546	507	4,430	4,276
Last worked 1 to 5 years ago	2,459	2,472	170	180	222	173	536	555	1,532	1,562
Left job previous 12 months	4,201	4,017	1,932	1,855	848	841	610	547	811	774
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	52.3	52.4	71.8	70.0	76.7	80.1	21.2	21.5	3.4	1.9
Ill health, disability	10.4	10.6	1.4	1.4	1.4	1.4	38.2	36.8	20.4	23.6
Retirement, old age	10.8	9.9	--	--	--	--	5.4	5.5	52.1	47.5
Economic reasons	12.9	13.1	13.2	13.7	8.7	7.7	13.4	13.7	16.5	17.4
End of seasonal job	8.2	7.4	9.9	8.5	6.2	3.8	4.7	5.6	8.6	10.2
Slack work	2.0	2.3	1.2	1.6	1.3	1.7	4.7	3.8	3.0	3.5
End of temporary job	2.7	3.4	2.0	3.7	1.2	2.3	3.9	4.2	4.9	3.7
All other reasons	13.5	14.0	13.7	14.8	13.2	10.7	21.9	22.6	7.5	9.4
Female										
Not in labor force (in thousands)	40,563	40,830	4,056	4,247	3,516	3,508	20,447	20,857	12,543	12,218
Never worked	7,882	8,334	2,258	2,416	569	667	2,363	2,424	2,691	2,827
Last worked over 5 years ago	19,500	19,519	15	9	263	255	11,221	11,551	8,002	7,703
Last worked 1 to 5 years ago	6,811	6,601	278	319	1,231	1,203	4,034	3,976	1,269	1,104
Left job previous 12 months	6,370	6,376	1,507	1,504	1,452	1,383	2,830	2,906	581	584
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	55.8	54.0	68.3	70.5	74.7	74.1	48.5	45.0	11.7	8.6
Ill health, disability	7.5	8.6	1.8	1.1	2.5	3.0	11.2	12.7	17.0	20.7
Retirement, old age	3.6	3.2	--	--	--	--	.5	1.1	36.5	29.5
Economic reasons	17.4	18.2	15.5	17.0	9.4	9.6	21.2	22.3	23.6	20.5
End of seasonal job	7.5	8.8	9.4	10.6	4.1	4.8	7.7	9.6	10.8	9.4
Slack work	3.6	3.4	2.6	1.7	2.3	2.5	4.8	4.9	3.6	2.7
End of temporary job	6.3	6.0	3.6	4.8	3.0	2.4	8.8	7.8	9.1	8.4
All other reasons	15.7	16.0	14.4	11.4	13.4	13.2	18.5	18.9	11.2	20.7

HOUSEHOLD DATA

QUARTERLY AVERAGES

8. Most recent work experience of persons not in labor force and reasons for leaving last job for those who worked during previous 12 months by color and sex

Quarterly Averages

Most recent work experience and reason leaving job	White				Negro and other races			
	Male		Female		Male		Female	
	4th	4th	4th	4th	4th	4th	4th	4th
	1969	1968	1969	1968	1969	1968	1969	1968
Total not in labor force (in thousands)	11,682	11,472	36,619	36,922	1,536	1,518	3,945	3,908
Never worked	1,281	1,438	7,049	7,457	272	260	833	877
Last worked over 5 years ago	4,499	4,352	17,944	17,987	506	451	1,556	1,531
Last worked 1 to 5 years ago	2,200	2,182	6,133	5,934	259	290	678	667
Left job previous 12 months	3,703	3,499	5,492	5,543	499	518	877	833
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	52.3	52.9	56.5	54.9	51.9	49.4	51.3	47.9
Ill health, disability	10.0	9.8	7.0	8.0	13.4	15.5	10.7	12.7
Retirement, old age	11.4	10.7	3.9	3.5	7.0	4.5	1.7	1.2
Economic reasons	12.6	12.6	17.2	17.5	15.4	16.9	18.5	22.6
End of seasonal job	8.0	7.2	7.0	8.2	10.0	9.1	11.3	12.4
Slack work	1.8	2.1	3.5	3.3	4.0	3.5	4.1	4.0
End of temporary job	2.8	3.3	6.8	6.0	1.4	4.3	3.1	6.2
All other reasons	13.7	14.0	15.3	16.1	12.2	13.8	17.8	15.6

9. Industry and occupation of last job for persons not in labor force who worked during previous 12 months by reasons leaving job

4th Quarter 1969

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsibilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	10,571	100.0	54.4	8.7	6.5	15.6	14.8
Industry							
Agriculture ¹	784	100.0	29.7	6.8	3.3	34.3	25.9
Unpaid family workers	203	100.0	10.8	1.0	--	3.9	84.2
Wage and salary workers	525	100.0	38.6	6.5	2.1	47.0	5.9
Nonagricultural industries	9,754	100.0	56.2	8.9	6.7	14.2	14.0
Self-employed workers	273	100.0	26.5	17.6	22.4	24.3	9.2
Unpaid family workers	186	100.0	10.8	2.7	3.2	5.9	77.4
Wage and salary workers	9,296	100.0	58.0	8.7	6.3	14.0	12.9
Private household workers	481	100.0	41.0	13.5	2.9	26.4	16.2
Government workers	1,449	100.0	57.2	6.8	11.2	15.9	8.9
All other ²	7,365	100.0	59.3	8.8	5.6	12.9	13.4
Construction	388	100.0	58.2	10.6	7.5	13.9	9.8
Manufacturing	1,939	100.0	53.7	11.3	8.9	12.6	13.5
Transportation and public utilities	347	100.0	58.5	6.3	11.0	6.9	17.3
Trade	2,538	100.0	61.8	7.4	3.2	13.4	14.2
Finance and services	2,108	100.0	62.0	8.2	3.9	13.4	12.5
Occupation							
White-collar workers	4,322	100.0	58.3	6.6	7.0	14.0	14.0
Professional and technical	937	100.0	60.8	4.7	9.2	14.4	10.9
Managers, officials, and proprietors	323	100.0	27.8	24.1	27.5	6.8	13.9
Clerical and sales	3,062	100.0	60.8	5.3	4.2	14.7	15.0
Blue-collar workers	3,216	100.0	52.6	11.0	7.6	14.9	13.9
Craftsmen and foremen	564	100.0	33.0	16.8	20.7	13.7	15.8
Operatives	1,732	100.0	54.1	11.0	5.6	15.3	14.0
Nonfarm laborers	920	100.0	61.8	7.4	3.4	14.9	12.5
Service workers	2,301	100.0	56.7	10.0	5.0	14.4	13.9
Farm workers	700	100.0	28.6	7.0	3.0	33.6	27.9

¹Includes small number of self-employed workers, not shown separately.

²Includes forestry, fisheries, and mining, not shown separately.

HOUSEHOLD DATA QUARTERLY AVERAGES

10. Work-seeking intentions of persons not in labor force and major characteristics of those who intend to seek work within next 12 months by sex and color

Work-seeking intentions, most recent work experience, and major occupation	Total		Male		Female	
	4th 1969	4th 1968	4th 1969	4th 1968	4th 1969	4th 1968
Total						
Total not in labor force (in thousands)	53,781	53,821	13,218	12,990	40,563	40,830
Do not intend to seek work	44,337	44,382	9,558	9,312	34,779	35,070
Intend to seek work in next 12 months	9,444	9,439	3,660	3,678	5,784	5,760
Never worked	1,761	1,795	603	640	1,158	1,155
Last worked over 5 years ago	946	948	90	76	856	872
Last worked 1 to 5 years ago	1,483	1,505	409	448	1,073	1,057
Worked during previous 12 months	5,255	5,191	2,557	2,515	2,698	2,676
Percent distribution by occupation	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	35.3	36.6	22.1	24.9	47.8	47.6
Professional and technical	8.3	8.9	8.6	8.8	8.0	8.9
Managerial	1.7	1.9	1.5	2.5	1.9	1.3
Clerical and sales	25.3	25.9	12.0	13.6	37.9	37.4
Blue-collar workers	35.8	33.8	55.9	53.0	16.9	15.8
Craftsman and foremen	4.7	5.8	8.7	10.6	1.0	1.4
Operatives	18.4	16.1	21.4	18.9	15.6	13.6
Nonfarm laborers	12.7	11.8	25.7	23.5	3.3	.8
Service workers	22.5	23.7	13.3	14.6	31.2	32.3
Farm workers	6.3	5.9	8.7	7.5	4.1	4.3
White						
Total not in labor force (in thousands)	48,301	48,394	11,682	11,472	36,619	36,922
Do not intend to seek work	40,416	40,631	8,513	8,382	31,903	32,249
Intend to seek work in next 12 months	7,885	7,763	3,169	3,090	4,716	4,673
Never worked	1,448	1,450	515	521	933	929
Last worked over 5 years ago	808	774	73	56	735	718
Last worked 1 to 5 years ago	1,195	1,173	351	360	844	813
Worked during previous 12 months ¹	4,434	4,365	2,230	2,152	2,204	2,213
Negro and other races						
Total not in labor force (in thousands)	5,481	5,426	1,536	1,518	3,945	3,908
Do not intend to seek work	3,922	3,750	1,045	929	2,877	2,821
Intend to seek work in next 12 months	1,559	1,676	491	589	1,068	1,087
Never worked	313	346	89	119	224	227
Last worked over 5 years ago	138	173	17	19	121	154
Last worked 1 to 5 years ago	287	332	58	88	229	244
Worked during previous 12 months ¹	822	825	328	363	494	462

¹Occupational data not available by color.

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, 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.

INTRODUCTION

The statistics in this periodical are compiled from three major sources: (1) household interviews, (2) payroll 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 payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures 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.

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 payroll series

The household and payroll 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 non-agricultural 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.

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 31 States. In general, these are establishments with less than four employees.

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 Re-

port 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.

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. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Per-

sons 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.

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 non-economic reasons but 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 ac-

ording 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.

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 non-white) 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 migra-

tion 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 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

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	Non-white	Total or white	Non-white	Total or white	Non-white
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	...	...	...	...	...

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 . . .	.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0
250 . . .	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2
500 . . .	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3
1,000 . .	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6
2,000 . .	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2
3,000 . .	.2	.3	.4	.7	.7	.7	.8	.8	1.0
5,000 . .	.2	.2	.3	.4	.5	.7	.7	.7	.7
10,000 .	.1	.2	.3	.3	.3	.4	.4	.5	.5
25,000 .	.1	.1	.2	.2	.3	.3	.3	.3	.3
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2

Establishment Data

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, 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 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 non-

agricultural 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 was revised in January 1969 to provide for the collection of job openings data as well.

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, 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, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

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

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

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

premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross Average Hourly and Weekly Earnings

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek, 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 non-supervisory 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. The level of earnings is thus adjusted for changes in purchasing power since the base period (1957-59).

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 $1\frac{1}{2}$ 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 1957-59 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 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.

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 the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, 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 produc-

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

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1968 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 follows:

Nonagricultural payroll employment estimates, by industry division, as a percentage of the benchmark for 1966-1968

Industry division	1966	1967	1968
Total	99.9	100.0	100.4
Mining	100.5	99.5	101.7
Contract construction	99.7	101.6	99.5
Manufacturing	99.4	99.5	99.8
Transportation and public utilities	99.7	99.8	100.7
Wholesale and retail trade	100.1	100.7	100.3
Finance, insurance, and real estate	99.5	100.2	99.2
Services	100.3	99.8	99.2
Government	100.0	100.0	102.8

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 non-certainty 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 service 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 labor turnover statistics programs, with their emphasis on pro-

ducing 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. The table that follows 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.

Approximate size and coverage of BLS employment and payrolls sample, March 1968¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining	2,200	274,000	47
Contract construction	16,200	772,000	26
Manufacturing	46,100	12,422,000	64
Transportation and public utilities:			
Railroad transportation (ICC)	100	636,000	96
Other transportation and public utilities	7,100	2,042,000	57
Wholesale and retail trade .	39,700	2,815,000	21
Finance, insurance and real estate	9,400	1,239,000	37
Services	22,400	2,227,000	21
Government:			
Federal (Civil Service Commission) ²	3,200	2,699,000	100
State and local	9,400	4,907,000	54

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

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

The table below shows the approximate coverage, in terms of employment, of the labor turnover sample.

Approximate size and coverage of BLS labor turnover sample, March 1968

Industry	Employees	
	Number reported	Percent of total
Manufacturing	11,060,000	57
Metal mining	49,100	74
Coal mining	59,800	44
Communication:		
Telephone	632,400	78
Telegraph	22,400	69

Reliability of the Employment Estimates

The estimates derived from the establishment 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. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to the 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. (A detailed description of the March 1968 benchmark is available from the Bureau upon request.)

One measure of the reliability of ratio estimates is the root mean square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio 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 (based on the experience of the last several years) of differences between final estimates and benchmarks are presented in the following table.

Root-mean-square errors of differences
between benchmarks and estimates

Size of employment estimate	Root-mean-square error ¹
50,000	2,000
100,000	2,600
200,000	3,600
500,000	7,000
1,000,000	11,600
2,000,000	18,400

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. The table below presents root-mean-square-errors of the amounts of

Errors of preliminary employment estimates

Size of empl. estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	900	900
200,000	1,700	1,700
500,000	3,000	2,800
1,000,000	4,300	4,000
2,000,000	8,000	8,000
10,000,000	29,600	27,600
Total Nonag. empl.	84,000	74,000

revision 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 or 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, 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, 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). 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.

SEASONAL ADJUSTMENT

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method* (1966), 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 1957-59 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 1957-59 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. Factors currently in use for the establishment data are shown in the July 1969 *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 1968 are published in the February 1969 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

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 and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1968 benchmarks. Data from April 1968 forward are subject to revision at the time of the next benchmark.

Beginning with the July 1969 and subsequent issues of *Employment and Earnings*, the national data in sections B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1969*. Comparable data will be published in *Employment and Earnings, United States, 1909-69*, BLS Bulletin 1312-7.

Summary of Methods for Computing Industry Statistics

on Employment, Hours, Earnings, 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 firms divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
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.