

# EMPLOYMENT AND EARNINGS

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<b>CALENDAR OF FEATURES</b>											
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Oct.	Nov.	Dec.
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series		x									
Quarterly averages:											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans	x			x			x		x		
Poverty-nonpoverty area data											
<b>Establishment data</b>											
National annual averages:											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x			x		x	
National data adjusted to new benchmarks											(1)
Revised seasonally adjusted series						(2)					(1)
State and area annual averages					x						
Area definitions					x						

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The December 1974 issue marks the introduction of March 1973 benchmarks.

<sup>2</sup> Real earnings data introduced in June 1975.

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

# Employment and Unemployment Developments, May 1975

Joblessness continued to increase in May, with the Nation's unemployment rate rising to 9.2 percent, while total employment expanded for the second straight month. The unemployment rate, which had been 8.9 percent in April, has climbed steadily since last August and was double the October 1973 pre-recession low.

Total employment (as measured by the monthly survey of households) rose by 320,000 in May, with nearly all of the increase in the agricultural sector. With unemployment also rising, the labor force increased by 680,000, following strong advances in both March and April. Over the last 3 months, the labor force has risen by 1.4 million, accounting for two-thirds of the growth since May a year ago.

Total nonagricultural payroll employment (as measured by the monthly survey of establishments), at 76.4 million in May, has risen very slightly in the last 2 months. This represented a clear departure from the record of large monthly declines that totaled 2.5 million between last October and March.

## Unemployment

Unemployment rose by 360,000 in May to 8.5 million, seasonally adjusted, about the same as the average increase in the previous 2 months. Since August 1974, when the strong upsurge in unemployment began, the jobless count has risen by 3.6 million. Job loss accounted for a large portion of the May unemployment rise; however, both new entrants and reentrants to the labor force registered sizeable increases in joblessness as well. Since last August, the number of job losers has risen by 2.9 million, accounting for four-fifths of the total increase in joblessness.

Almost all of the May jobless rise occurred among men 25 years and over and female teenagers, as most of the other age-sex groups showed little or no change. For example, the jobless rate among adult women was unchanged for the second straight month, at 8.6 percent. The adult male increase was also reflected in rising unemployment among all household heads and married men, whose jobless rates climbed to 6.3 percent and 5.8 percent, respectively. Among the racial groups,

the jobless rate for white workers rose to 8.5 percent in May, while the rate for black workers (Negro and other races) held about steady at 14.7 percent.

Increases in unemployment were concentrated in construction, finance and service, and government. The rise in joblessness was particularly sharp in the construction industry; at an alltime recorded high of 21.8 percent, the unemployment rate in this industry was more than double the rate of a year earlier.

The unemployment rate of workers covered by State unemployment insurance programs reached 7.0 percent in May but remained below post-World War II records levels. The number of workers claiming regular State unemployment insurance benefits, at 4.7 million, represented 55 percent of the jobless total, compared with 45 percent a year ago.

The number of long-term unemployed—those jobless for 15 weeks or longer—rose by 240,000 to a level of more than 2.6 million in May; those who were seeking work for 6 months or more exceeded the 1 million mark for the first time since 1958. The average (mean) duration of unemployment continued to move upward, reaching 13.4 weeks in May, the highest level in over 10 years. Since last November, the average duration of unemployment has increased by 3.6 weeks, and the number jobless for 15 weeks or more has risen by 1.5 million.

## Total employment and civilian labor force

Total employment increased for the second month in a row, rising by 320,000 to 84.4 million, seasonally adjusted. Since March, employment has expanded by 550,000, after registering 6 consecutive monthly declines that totaled 2.6 million. Adult males accounted for more than two-thirds of the April-May job gain.

After showing little movement from last October to February, the civilian labor force rose for the third consecutive month, increasing by 680,000 to 92.9 million in May. All of this increase came among adult males and teenagers.

The civilian labor force participation rate—the proportion of the civilian population either working or looking for work—surged to a high of 61.6 percent in

May, up from 61.2 percent in the previous month. Labor force participation rates were higher for both adult men (80.8 percent) and teenagers (55.7 percent), whereas the rate for adult women (45.9 percent) was about unchanged.

### **Industry payroll employment**

Total nonagricultural payroll employment has moved up slightly in the last 2 months to 76.4 million, seasonally adjusted. The proportion of industries posting employment gains from April to May, at 54 percent, continued its ascent from the recession low of 17 percent in February. May was the first month since last August in which more than half of the 172 industries in the diffusion index registered employment gains.

After posting substantial job cutbacks over the September-March period, the employment declines in manufacturing have abated, as the job total held about steady at 18.1 million in May. Small gains in the nondurable goods sector, principally in textiles and apparel, were countered by declines in several of the durable goods industries, particularly machinery. Since May a year ago, employment in manufacturing has been reduced by more than 2 million jobs, two-thirds of which occurred in the durable goods industries.

Employment in contract construction continued to fall in May, but the 35,000 decline was accounted for by an increase in strike activity. Construction jobs have decreased by 630,000 over the past year.

An employment increase of 110,000 in the service-producing sector was the largest over-the-month gain for these industries since October; it was paced by increases in retail trade (35,000) and State and local government (55,000). Although service-producing employment has increased by 760,000 since last May, the bulk of the increase occurred during 1974; moreover, job gains in the State and local government sector accounted for almost all of this growth.

### **Hours of work**

The average workweek for all production or non-supervisory workers on nonfarm payrolls was 36.0 hours in May, seasonally adjusted. Average weekly

hours have held steady at this low level for the last 4 months after declining 0.7 hour between September and February.

The manufacturing workweek, at 39.0 hours, was unchanged from the previous month, following an increase from the recession low of 38.8 hours in February and March. Factory overtime, however, remained at 2.3 hours for the fifth straight month. Since their April 1973 peaks, the factory workweek and overtime hours are down by 1.9 and 1.8 hours, respectively.

The aggregate man-hours of private production or nonsupervisory workers, at 106.1 (1967=100), rose by 0.4 percent in May. This reversed the rapid downward movement which began in October 1974. Over the past year, total man-hours have declined 6.6 percent. Factory man-hours, at 86.3 (1967=100), were unchanged in May after a 0.5-percent rise in April, the only increase over the last 12 months. Since May of last year, the manufacturing worker hours index has fallen 15.6 percent.

### **Hourly and weekly earnings**

Average hourly earnings of production or non-supervisory workers on private nonagricultural payrolls rose 0.4 percent in May and 7.2 percent from a year ago (seasonally adjusted). Average weekly earnings edged up 0.2 percent over the month. Since May 1974, weekly earnings have advanced by 5.1 percent.

Before adjustment for seasonality, average hourly earnings rose 3 cents in May to \$4.47 and were up 30 cents from a year ago. Average weekly earnings were \$160.47 in May, an increase of \$1.52 from April and \$7.85 from May of last year.

### **The hourly earnings index**

The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 169.8 (1967=100) in May, 0.6 percent higher than in April. The index was 8.8 percent above May a year ago. During the 12-month period ended in April, the Hourly Earnings Index in dollars of constant purchasing power declined 0.8 percent.

## Employment Data for Detailed Occupations, 1974

The accompanying table presents 1974 annual average data on employed persons in the 12 major occupational groups and nearly 150 individual occupations or combinations of occupations. Also shown for the first time are the proportions of these occupations that are women and blacks.<sup>1</sup> These data supplement the considerably more limited detail which appear in tables A-20 and A-21 of this publication. Annual average data on employment by detailed occupational categories (totals only) for 1972 and 1973 were published in the October 1973 and March 1974 issues, respectively, of this publication.

Because of their small relative sample sizes, very detailed occupational employment estimates are subject to a greater degree of sampling error than are major employment estimates published in the regular BLS releases. Occupational data may also be affected to a greater extent by response bias, since occupational definitions may not be fully understood by the survey respondents. In 1973, when these data were initially published (1972 annual averages), publication of an occupational category was confined to those with employment estimates of 150,000 or more. (Occupations with smaller employment estimates are subsumed into the "all other" categories for each of the 12 major occupational groupings, but groupings are not provided for subgroups.) Since then, noticeable employment

reductions have occurred among several diverse occupational groups—including automobile body repairers, clothing ironers and pressers, spinners, twisters, and winders, and barbers. To maintain a historical record for users of these data, however, employment estimates for these categories continue to be shown separately.

The relatively small sample sizes and thus the greater degree of sampling error inherent in detailed occupational employment data affect the reliability of employment levels by sex and color even more than they do for the group as a whole. The proportions of female and black employment in each occupation or combinations of occupations are published in the table. It is important to recognize that a higher degree of statistical error may be associated with small cells. The percentage distributions shown in the table include those for which the underlying employment estimates (the numerators) are 15,000 or larger. This means that for the potentially weakest cell—where the numerator is 15,000 and the denominator is 150,000—the relative error would be plus or minus 3 percentage points for the 10-percent estimate, or about 30 percent.

<sup>1</sup> Statistics on Negroes and members of other minority races are used to indicate the situation of black workers. Negroes constitute about 89 percent of the "Negro and other races" group.

**Table 1. Employed persons in selected occupations, 1974 annual averages**

(Numbers in thousands)

Occupations	Total employed	Percent distribution		Occupations	Total employed	Percent distribution	
		Females	Negro and other races			Females	Negro and other races
<b>Total</b> .....	<b>85,936</b>	<b>38.9</b>	<b>10.8</b>	<b>Managers and administrators, except farm—Continued</b>			
<b>White-collar workers</b> .....	<b>41,738</b>	<b>49.3</b>	<b>7.1</b>	All other managers and administrators .....	6,232	15.9	3.8
<b>Professional and technical</b> .....	<b>12,338</b>	<b>40.5</b>	<b>7.9</b>	<b>Sales workers</b> .....	<b>5,417</b>	<b>41.8</b>	<b>4.0</b>
Accountants .....	803	23.7	5.6	Hucksters and peddlers .....	201	75.1	( <sup>1</sup> )
Computer specialists .....	311	19.0	5.5	Insurance agents, brokers, and underwriters .....	466	13.3	4.7
Computer programmers .....	199	22.6	( <sup>1</sup> )	Real estate agents and brokers .....	394	38.3	( <sup>1</sup> )
<b>Engineers</b> .....	<b>1,168</b>	<b>1.3</b>	<b>4.6</b>	Sales workers and sales clerks, n.e.c. ....	4,019	44.2	4.1
Civil engineers .....	167	( <sup>1</sup> )	( <sup>1</sup> )	Sales representatives, manufacturing industries .....	357	9.2	( <sup>1</sup> )
Electrical and electronic engineers .....	287	( <sup>1</sup> )	5.2	Sales representatives, wholesale trade .....	768	4.8	( <sup>1</sup> )
Industrial engineers .....	193	( <sup>1</sup> )	( <sup>1</sup> )	Sales clerks, retail trade .....	2,292	69.4	5.5
Mechanical engineers .....	183	( <sup>1</sup> )	( <sup>1</sup> )	Sales workers, except clerks, retail trade .....	466	15.7	( <sup>1</sup> )
Lawyers and judges .....	359	7.0	( <sup>1</sup> )	All other sales workers .....	337	37.1	( <sup>1</sup> )
Librarians, archivists, and curators .....	180	81.7	( <sup>1</sup> )	<b>Clerical workers</b> .....	<b>15,043</b>	<b>77.6</b>	<b>9.4</b>
Life and physical scientists .....	246	15.9	8.9	Bank tellers .....	351	91.5	6.8
<b>Personnel and labor relations workers</b> .....	<b>321</b>	<b>34.9</b>	<b>7.5</b>	Billing clerks .....	157	87.3	( <sup>1</sup> )
Physicians, dentists, and related practitioners .....	643	9.3	7.9	Bookkeepers .....	1,690	89.2	4.4
Physicians, medical and osteopathic .....	346	9.8	9.5	Cashiers .....	1,111	87.7	7.9
<b>Nurses, dietitians, and therapists</b> .....	<b>1,068</b>	<b>93.1</b>	<b>10.3</b>	Clerical supervisors, n.e.c. ....	229	65.1	7.4
Registered nurses .....	904	98.0	10.1	Counter clerks, except food .....	347	77.8	7.2
Health technologists and technicians .....	371	70.6	14.6	Estimators and investigators, n.e.c. ....	369	47.2	8.4
Religious workers .....	278	10.1	( <sup>1</sup> )	Expeditors and production controllers .....	199	30.2	7.5
Social and recreation workers .....	402	57.7	18.9	File clerks .....	276	85.1	21.0
Social workers .....	300	61.3	19.7	Mail carriers, post office .....	267	7.5	12.4
Teachers, college and university .....	518	30.9	7.3	Office machine operators .....	662	71.3	14.8
Teachers, except college and university .....	2,957	69.3	9.3	Computer and peripheral equipment operators .....	246	43.1	11.8
Elementary school teachers .....	1,297	84.3	10.6	Keypunch operators .....	249	93.2	17.3
Prekindergarten and kindergarten teachers .....	191	97.9	11.5	Payroll and timekeeping clerks .....	204	77.5	( <sup>1</sup> )
Secondary school teachers .....	1,186	48.3	8.4	Postal clerks .....	293	28.0	21.8
<b>Engineering and science technicians</b> .....	<b>887</b>	<b>11.4</b>	<b>6.5</b>	Receptionists .....	459	97.4	7.8
Draftsmen .....	298	7.7	6.7	Secretaries .....	3,189	99.2	5.1
Electrical and electronic engineering technicians .....	173	( <sup>1</sup> )	( <sup>1</sup> )	Shipping and receiving clerks .....	465	15.9	14.0
Technicians, except health, engineering and science .....	160	11.3	( <sup>1</sup> )	Statistical clerks .....	324	73.1	10.5
Writers, artists, and entertainers .....	1,000	33.6	5.5	Stock clerks and storekeepers .....	488	25.2	11.5
Editors and reporters .....	156	43.6	( <sup>1</sup> )	Teacher aides, except school monitors .....	250	90.4	22.8
All other professional and technical workers .....	666	24.8	7.5	Telephone operators .....	390	93.8	12.6
<b>Managers and administrators, except farm</b> .....	<b>8,941</b>	<b>18.5</b>	<b>4.2</b>	Typists and stenographers .....	1,141	96.0	13.4
Bank officials and financial managers .....	510	21.4	( <sup>1</sup> )	Typists .....	1,038	96.2	13.8
Buyers and purchasing agents .....	370	24.9	( <sup>1</sup> )	All other clerical workers .....	2,182	63.4	11.5
Buyers, wholesale and retail trade .....	160	36.3	( <sup>1</sup> )	<b>Blue-collar workers</b> .....	<b>29,776</b>	<b>17.4</b>	<b>12.6</b>
Officials and administrators, public administration, n.e.c. ....	356	20.8	7.0	<b>Craft and kindred workers</b> .....	<b>11,477</b>	<b>4.5</b>	<b>7.6</b>
Restaurant, cafeteria, and bar managers .....	493	33.9	9.3	Carpenters .....	1,073	( <sup>1</sup> )	6.1
Sales managers and department heads, retail trade .....	315	32.4	( <sup>1</sup> )	Brickmasons and stonemasons .....	169	( <sup>1</sup> )	17.8
Sales managers, except retail trade .....	313	( <sup>1</sup> )	( <sup>1</sup> )	Electricians .....	552	( <sup>1</sup> )	4.5
School administrators .....	352	27.8	7.7	Excavating, grading, and road machinery operators .....	403	( <sup>1</sup> )	8.2
				Painters, construction and maintenance .....	456	( <sup>1</sup> )	11.0

See footnotes at end of table.

**Table 1. Employed persons in selected occupations, 1974 annual averages—Continued**

(Numbers in thousands)

Occupations	Total employed	Percent distribution		Occupations	Total employed	Percent distribution	
		Females	Negro and other races			Females	Negro and other races
<b>Blue-collar workers—Continued</b>				<b>Nonfarm laborers</b> .....	4,380	8.1	19.0
<b>Craft and kindred workers—Continued</b>				Construction laborers, including			
Plumbers and pipe fitters .....	395	( <sup>1</sup> )	5.6	carpenters helpers .....	865	( <sup>1</sup> )	20.8
Other construction craft workers .....	378	( <sup>1</sup> )	15.9	Freight and material handlers .....	801	8.2	20.7
Blue-collar worker supervisors n.e.c. ....	1,457	8.8	7.3	Gardeners and groundskeepers,			
Machinists and job setters .....	558	( <sup>1</sup> )	6.5	except farm .....	542	( <sup>1</sup> )	18.1
Machinists .....	452	( <sup>1</sup> )	5.8	Stockhandlers .....	827	20.0	10.5
<b>Metal craft workers, excluding</b>				Vehicle washers and equipment			
mechanics, machinists, and				cleaners .....	178	10.7	22.5
job setters .....	648	( <sup>1</sup> )	6.5	Warehouse laborers, n.e.c. ....	213	( <sup>1</sup> )	15.5
Sheetmetal workers and tinsmiths .....	162	( <sup>1</sup> )	( <sup>1</sup> )	All other nonfarm laborers .....	954	7.8	24.0
Tool and die makers .....	177	( <sup>1</sup> )	( <sup>1</sup> )	<b>Service workers</b> .....	11,373	62.9	20.5
Mechanics, automobiles .....	1,041	( <sup>1</sup> )	8.0	Private households .....	1,228	97.8	38.6
Automobile body repairers .....	145	( <sup>1</sup> )	( <sup>1</sup> )	Child care workers .....	496	98.0	9.9
Automobile mechanics .....	896	( <sup>1</sup> )	7.7	Cleaners and servants .....	588	97.6	61.4
Mechanics, except automobiles .....	1,914	1.3	6.1	All other private household			
Airconditioning, heating, and				workers .....	144	97.9	44.4
refrigeration mechanics .....	208	( <sup>1</sup> )	( <sup>1</sup> )	<b>Service workers, except private</b>			
Heavy equipment mechanics,				household .....	10,145	58.7	18.4
including diesel .....	796	( <sup>1</sup> )	5.9	Cleaning service workers .....	2,136	35.0	28.4
Printing craft workers .....	386	18.1	7.8	Lodging quarters cleaners .....	193	97.4	34.7
Compositors and typesetters .....	166	19.9	( <sup>1</sup> )	Janitors and sextons .....	1,230	13.0	24.6
Crane, derrick, and hoist				Building interior cleaners, n.e.c. ....	714	56.0	33.1
operators .....	176	( <sup>1</sup> )	18.2	<b>Food service workers</b> .....	3,538	70.2	14.5
Stationery engineers .....	193	( <sup>1</sup> )	( <sup>1</sup> )	Bartenders .....	233	32.6	( <sup>1</sup> )
Telephone installers and repairers .....	349	4.9	7.4	Cooks .....	955	58.8	21.5
All other craft workers .....	1,329	*6.2	7.9	Dishwashers .....	208	37.0	19.2
<b>Operatives, except transport</b> .....	10,627	39.2	14.6	Food counter and fountain			
Assemblers .....	1,139	50.1	14.3	workers .....	351	85.2	8.3
Checkers, examiners; and inspectors,				Waiters and waiters'			
manufacturing .....	757	50.6	11.6	assistants .....	1,343	83.3	9.5
Clothing ironers and pressers .....	143	76.9	40.6	Waiters .....	1,182	91.8	8.1
Cutting operatives, n.e.c. ....	260	26.9	16.5	<b>Health service workers</b> .....	1,612	89.1	23.4
Garage workers and gas station				Health aides and trainees,			
attendants .....	397	5.3	9.8	excluding nursing .....	195	81.5	17.9
Laundry and dry cleaning				Nursing aides, orderlies, and			
operatives, n.e.c. ....	176	66.5	31.8	attendants .....	959	86.9	26.2
Meat cutters and butchers .....	282	12.1	10.3	Practical nurses .....	349	96.8	23.8
Packers and wrappers, excluding				Personal service workers .....	1,606	75.2	13.8
meat and produce .....	661	63.1	15.4	Attendants .....	273	54.2	12.8
Painters, manufactured articles				Barbers .....	127	( <sup>1</sup> )	12.6
Precision machine operatives .....	431	9.5	9.3	Child care workers .....	409	94.9	15.4
Punch and stamping press				Hairdressers and cosmetologists .....	498	92.4	8.6
operatives .....	170	30.6	12.4	<b>Protective service workers</b> .....	1,254	6.4	11.5
Sewers and stitchers .....	858	95.8	16.1	Fire fighters .....	219	( <sup>1</sup> )	7.3
Textile operatives .....	392	54.8	21.7	Guards .....	473	6.1	16.5
Spinners, twisters, and winders .....	141	63.8	23.4	Police .....	454	( <sup>1</sup> )	8.4
Welders and flame cutters .....	646	5.0	9.8	<b>Farm workers</b> .....	3,048	15.9	8.3
All other operatives, except				Farm and farm managers .....	1,643	6.0	3.9
transport .....	4,151	30.2	14.5	Farmers (owners and			
<b>Transport equipment operatives</b> .....	3,292	5.1	14.8	tenants) .....	1,610	6.0	3.7
Busdrivers .....	265	37.4	20.4	<b>Farm laborers and</b>			
Delivery and route workers .....	595	4.4	9.1	supervisors .....	1,405	27.4	13.5
Fork lift and tow motor operatives .....	347	( <sup>1</sup> )	21.0	Farm laborers, wage workers .....	983	14.6	17.4
Taxicab drivers and chauffeurs .....	174	11.5	21.8	Farm laborers, unpaid family			
Truckdrivers .....	1,752	( <sup>1</sup> )	14.0	workers .....	376	63.6	4.8
All other transport equipment							
operatives .....	159	( <sup>1</sup> )	14.5				

<sup>1</sup> Percent not shown where employment estimate is less than 15,000.

categories of occupations which cannot be more specifically identified.

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad



# Changes in the Spendable Earnings Series for 1975: The Effect of the Tax Reduction Act of 1975

\*Janet Grimes

The Tax Reduction Act of 1975, which was signed into law on March 29, 1975, provides substantial reductions in the tax burden on individuals for 1975. This article discusses the effect of these changes on the spendable earnings series published by the Bureau of Labor Statistics and presents the new formulas for use in calculating spendable earnings.

The spendable earnings series are based on average earnings for all full-time and part-time production or nonsupervisory jobs in the private nonfarm sector of the U.S. economy. Two sets of spendable earnings series are derived based on the assumptions that the worker earned the gross average weekly earnings and that he or she was taxed at the rates applicable to (1) a worker with no dependents or (2) a married worker with three dependents who files a joint return.<sup>1</sup> The income tax liability is based on the standard deduction allowable under the income tax law. The Social Security tax rate (5.85 percent) is applied to gross average weekly earnings up to \$271.15, beyond which the maximum deduction of \$15.86 is applicable.

The provisions of the 1975 tax law have made it necessary to supplement the 1975 formulas published in the February 1975 issue of *Employment and Earnings*. Those previously published formulas will now be used for the months of January through April only; new formulas have been constructed for the period May through December, as well as a 1975 annual average. Factors in the new tax law which affected the 1975 spendable earnings formulas were the increase in both the low-income allowance and the standard deduction, and new tax credits for personal exemptions and for certain earned income.

The low-income allowance, which is designed to remove poverty-level taxpayers from the tax rolls, has been increased from \$1,300 to \$1,900 for taxpayers filing jointly and from \$1,300 to \$1,600 for single taxpayers. The standard deduction has been raised from 15 percent to 16 percent of adjusted gross income, not to exceed \$2,600 on a joint return or \$2,300 for single taxpayers. The former limit was \$2,000 in both cases. For 1975, there is a \$30 tax credit for each personal exemption claimed. There is

also a new 10 percent credit on earned income for a low-income wage earner with at least one child. This credit, which reaches \$400 at the \$4,000 income level, is decreased by 10 percent of adjusted gross income over \$4,000 until it reaches \$0 at the \$8,000 income level.

As a result of the new personal exemption and earned income credits, a married worker with three dependents pays no Federal income tax, for the tax year 1975, until his yearly income exceeds \$6,660 or the equivalent of \$128.08 per week.<sup>2</sup> A worker with no dependents, who is not entitled to claim the earned income credit, pays no income tax until his income exceeds \$2,564 per year or \$49.31 per week.<sup>3</sup> Social security taxes are, of course, paid on all income up to the \$271.15 per week maximum.

The intent of the law is to cut withholding enough to pass along the entire reduction in 1975 taxes in the last 8 months of the year. The formulas for the period May through December were derived from the new 1975 annual average formulas and the previously published January through December 1975 formulas.<sup>4</sup> Therefore, for the months May through December 1975, a married worker with three dependents pays no income tax until his income exceeds \$7,231.35 per year (\$139.06 per week);<sup>5</sup> a worker with no dependents pays no income tax until his income exceeds \$2,834.96 per year (\$54.52 per week).<sup>6</sup>

Table 1 indicates the reductions in tax liability resulting from the revisions in the tax law for the various levels of earnings published monthly. It can be seen that the greatest reductions are in the lower earnings brackets, especially in the case of a joint return with four exemptions. This is largely due to the 46 percent increase in the low-income allowance over the 1974 level as well as the earned income credit.

The spendable average weekly earnings formulas for the years 1939-75 follow.

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<sup>1</sup> For a technical description of the calculation, uses and limitations of the spendable earnings series see: Carol M. Utter, "The Spendable Earnings Series: A Technical Note on its Calculation," *Employment and Earnings and Monthly Report*

on the Labor Force, February 1969, pp. 6-10; Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," Monthly Labor Review, April 1971, pp. 3-14; Jack Alterman, "Compensation per Man-Hour and Take-Home Pay," Monthly Labor Review, June 1971, pp. 25-34; John F. Early, "Factors Affecting Trends in Real Spendable Earnings," Monthly Labor Review, May 1973, pp. 16-19.

<sup>2</sup> Formula for weekly earned income credit is:

$$Q = 1/52 [\$400 - .1 (52X - \$4,000)]$$

$$Q = \$15.38 - .1X$$

where

X = gross average weekly earnings

Formula for weekly personal exemption credit is:

$$K = (n \cdot 30)/52$$

where

n = number of exemptions

Adding the two new factors, Q and K, yields the following formula for income through the \$8,000 level:

$$X(9s - s - t) + t(X_0 + E) - C + 15.38 + K$$

Under previous tax laws, the general formula was:

$$X(1 - s - t) + t(X_0 + E) - C$$

where

s = social security tax rate

t = maximum Federal income tax rate applicable to taxable income

X<sub>0</sub> = income subject to Federal income tax at lower rates than t

E = total exemptions in dollars

C = cumulation of tax paid on X<sub>0</sub>

The point at which income tax owed equals tax credits may be defined as follows: The left-hand side applies the revised

formula in its annual earnings form; the right-hand side is the formula with social security taxes only.

$$Q = 800 - .1Y$$

where

Y = gross annual earnings

then,

$$Y(.9 - .0585 - .15) + .15 (1,000 + 4,900) - 140 + 800 + 120 = .9415Y$$

$$Y = \$6,660$$

<sup>3</sup> The point at which income tax owed equals tax credits may be defined as follows: (Note there is no Q in this case.)

$$Y(1 - .0585 - .14) + .14 (2,350) + 30 = .9415Y$$

$$Y = \$2,564$$

where

Y = gross annual earnings

<sup>4</sup> 1975 Annual Average form = a'X + b

January 1975 - April 1975 form = aX + b

May 1975 - December 1975 form = (Jan. - Apr. form) + 1.5 (difference in the 2 forms)

$$= aX + b + 1.5[(a' - a)X + (b' - b)]$$

$$= (1.5a' - .5a)X + 1.5b' - .5b$$

$$^5 (1.5a' - .5a)X + 1.5b' - .5b = .9415X$$

$$.6315X + 43.11 = .9415X$$

$$X = \$139.06$$

$$\$139.06 \cdot 52 = \$7,231.35$$

$$^6 (1.5a' - .5a)X + 1.5b' - .5b = .9415X$$

$$.8065X + 7.36 = .9415X$$

$$X = \$54.52$$

$$\$54.52 \cdot 52 = \$2,834.96$$

**Table 1. Changes in tax liabilities in the spendable average weekly earnings series due to changes in the tax law for 1975.**

Industry	Gross average weekly earnings Apr. 1975 <sup>p</sup>	Worker with no dependents, change from					
		May - Dec. 1975 to Jan. - Apr. 1975		Revised 1975 to 1974		Revised 1975 to Original 1975	
		Actual	Percent	Actual	Percent	Actual	Percent
Trade .....	\$123.25	-\$2.69	-2.7	-\$1.79	-1.8	-\$1.79	-1.8
Services .....	133.79	-2.69	-2.5	-1.79	-1.6	-1.79	-1.6
Finance .....	147.74	-2.69	-2.3	-1.79	-1.5	-1.79	-1.5
Total private .....	158.95	-2.89	-2.3	-1.92	-1.5	-1.92	-1.5
Manufacturing .....	182.75	-2.09	-1.4	-1.39	-1.0	-1.39	-1.0
Transportation and public utilities .....	226.69	-1.73	-1.0	-1.14	-.6	-1.14	-.6
Mining .....	234.93	-1.77	-1.0	-1.17	-.6	-1.17	-.6
Construction .....	258.44	-2.05	-1.0	-1.10	-.6	-1.37	-.7
		Worker with 3 dependents, change from					
		May - Dec. 1975 to Jan. - Apr. 1975		Revised 1975 to 1974		Revised 1975 to Original 1975	
		Actual	Percent	Actual	Percent	Actual	Percent
Trade .....		-\$5.92	-5.4	-\$5.92	-5.4	-\$5.92	-5.4
Services .....		-7.60	-6.4	-6.16	-5.2	-6.16	-5.2
Finance .....		-7.26	-5.6	-4.83	-3.7	-4.83	-3.7
Total private .....		-6.42	-4.7	-4.28	-3.1	-4.28	-3.1
Manufacturing .....		-6.07	-3.9	-4.04	-2.6	-4.04	-2.6
Transportation and public utilities .....		-4.20	-2.2	-2.79	-1.5	-2.79	-1.5
Mining .....		-4.15	-2.1	-2.75	-1.4	-2.75	-1.4
Construction .....		-4.43	-2.1	-2.68	-1.2	-2.95	-1.4

p= preliminary

SPENDABLE AVERAGE WEEKLY EARNINGS FORMULAS, 1939-75

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X=gross average weekly earnings)	Gross average weekly earnings	Formula (X=gross average weekly earnings)
January 1939-December 1939	\$0 - \$22.73	0.99X	\$0 - \$57.69	0.99X
January 1940-December 1940	22.74- 57.69	.95616X + \$0.77	0 - 57.69	.99X
January 1941-December 1941	0 - 18.18	.99X	0 - 47.05	.99X
January 1942-December 1942	18.19- 57.69	.95278X + .68	47.06- 52.28	.9336X + \$2.65
January 1943-December 1943	0 - 15.34	.99X	52.29- 57.69	.89976X + 4.42
January 1944-December 1944	15.35- 17.04	.9336X + .87	0 - 38.87	.99X
January 1945-December 1945	17.05- 56.25	.89976X + 1.44	38.88- 43.19	.8678X + 4.75
January 1946-December 1946	0 - 10.23	.99X	43.20- 57.69	.81704X + 6.94
January 1947-December 1947	10.24- 11.36	.8678X + 1.25	0 - 12.76	.99X
January 1948-December 1948	11.37- 51.15	.81704X + 1.83	12.77- 38.87	.96368X + .34
January 1949-December 1949	51.16- 57.69	.78884X + 3.27	38.88- 43.19	.84148X + 5.09
January 1950-December 1950	0 - 10.23	.99X	43.20- 57.69	.79072X + 7.28
January 1951-December 1951	10.24- 11.36	.8678X + 1.25	0 - 10.68	.99X
January 1952-December 1952	11.37- 12.76	.81704X + 1.83	10.69- 42.74	.9636X + .29
January 1953-December 1953	12.77- 51.15	.78179X + 2.28	42.75- 57.69	.783X + 7.98
January 1954-December 1954	51.16- 57.69	.76359X + 3.72	57.70- 85.47	.793X + 7.40
January 1955-December 1955	0 - 10.68	.99X	0 - 42.74	.99X
January 1956-December 1956	10.69- 53.41	.783X + 2.21	42.75- 57.69	.819X + 7.31
January 1957-December 1957	53.42- 57.69	.765X + 3.17	57.70- 85.47	.829X + 6.73
January 1958-December 1958	57.70- 96.15	.775X + 2.59	0 - 51.28	.99X
January 1959-December 1959	0 - 12.82	.99X	51.29- 57.69	.8406X + 7.66
January 1960-December 1960	12.83- 55.56	.8406X + 1.92	57.70- 136.75	.8506X + 7.08
January 1961-December 1961	55.57- 57.69	.81576X + 3.30	0 - 51.28	.985X
January 1962-December 1962	57.70- 98.29	.82576X + 2.72	51.29- 57.69	.8356X + 7.66
January 1963-December 1963	0 - 12.82	.985X	57.70- 136.75	.8506X + 6.80
January 1964-December 1964	12.83- 55.56	.8356X + 1.92	0 - 51.28	.985X
January 1965-December 1965	55.57- 57.69	.81076X + 3.30	51.29- 57.69	.805X + 9.23
January 1966-December 1966	57.70- 98.29	.82576X + 2.43	57.70- 136.75	.82X + 8.37
January 1967-December 1967	0 - 12.82	.985X	0 - 51.28	.985X
January 1968-December 1968	12.83- 55.56	.805X + 2.31	51.29- 57.69	.805X + 9.23
January 1969-December 1969	55.57- 57.69	.787X + 3.31	57.70- 136.75	.82X + 8.19
January 1970-December 1970	57.70- 98.29	.802X + 2.44	0 - 51.28	.985X
January 1971-December 1971	0 - 12.82	.985X	51.29- 57.69	.8284X + 8.03
January 1972-December 1972	12.83- 55.56	.8284X + 2.01	57.70- 136.75	.8434X + 7.17
January 1973-December 1973	55.57- 57.69	.80482X + 3.32	0 - 51.28	.985X
January 1974-December 1974	57.70- 98.29	.81862X + 2.45	51.29- 57.69	.805X + 9.23
January 1975-December 1975	0 - 12.82	.985X	57.70- 136.75	.82X + 8.19
January 1976-December 1976	12.83- 55.56	.805X + 2.31	0 - 51.28	.985X
January 1977-December 1977	55.57- 57.69	.787X + 3.31	51.29- 57.69	.7852X + 10.25
January 1978-December 1978	57.70- 98.29	.802X + 2.27	57.70- 136.75	.8002X + 9.21
January 1979-December 1979	0 - 12.82	.985X	0 - 51.28	.985X
January 1980-December 1980	12.83- 55.56	.7862X + 2.56	51.29- 57.69	.7852X + 10.25
January 1981-December 1981	55.57- 57.69	.7696X + 3.76	57.70- 136.75	.8002X + 9.21
January 1982-December 1982	57.70- 98.29	.7786X + 2.72	0 - 51.28	.985X
January 1983-December 1983	0 - 12.82	.985X	51.29- 57.69	.8014X + 9.42
January 1984-December 1984	12.83- 55.56	.8014X + 2.35	57.70- 136.75	.8164X + 8.38
January 1985-December 1985	55.57- 57.69	.7834X + 3.35	0 - 51.28	.985X
January 1986-December 1986	57.70- 98.29	.7984X + 2.32	51.29- 57.69	.7852X + 10.25
January 1987-December 1987	0 - 12.82	.985X	57.70- 136.75	.8002X + 9.21
January 1988-December 1988	12.83- 55.56	.7852X + 2.56	0 - 51.28	.98X
January 1989-December 1989	55.57- 57.69	.7696X + 3.76	51.29- 57.69	.80X + 9.23
January 1990-December 1990	57.70- 98.29	.7786X + 2.72	57.70- 136.75	.82X + 7.85
January 1991-December 1991	0 - 12.82	.98X	0 - 51.28	.98X
January 1992-December 1992	12.83- 55.56	.80X + 2.31	51.29- 57.69	.80X + 9.23
January 1993-December 1993	55.57- 57.69	.782X + 3.31	57.70- 136.75	.82X + 7.85
January 1994-December 1994	57.70- 98.29	.802X + 1.92	0 - 51.28	.98X
January 1995-December 1995	0 - 12.82	.98X	51.29- 57.69	.80X + 9.23
January 1996-December 1996	12.83- 55.56	.80X + 2.31	57.70- 136.75	.82X + 7.62
January 1997-December 1997	55.57- 57.69	.782X + 3.31	0 - 51.28	.9775X
January 1998-December 1998	57.70- 98.29	.802X + 1.69	51.29- 57.69	.7975X + 9.23
January 1999-December 1999	98.30- 141.03	.766X + 5.23	57.70- 136.75	.82X + 7.41
January 2000-December 2000	0 - 12.82	.9775X	0 - 51.28	.975X
January 2001-December 2001	12.83- 55.56	.7975X + 2.31	51.29- 57.69	.975X + 2.31
January 2002-December 2002	55.57- 57.69	.7795X + 3.31	57.70- 136.75	.795X + 9.23
January 2003-December 2003	57.70- 98.29	.802X + 1.49	0 - 51.28	.82X + 6.92
January 2004-December 2004	98.30- 141.03	.766X + 5.03	0 - 51.28	.975X
January 2005-December 2005	0 - 12.82	.975X	51.29- 57.69	.795X + 9.23
January 2006-December 2006	12.83- 55.56	.795X + 2.31	57.70- 136.75	.82X + 6.92
January 2007-December 2007	55.57- 57.69	.777X + 3.31	0 - 51.28	.97X
January 2008-December 2008	57.70- 98.29	.802X + 1.00	51.29- 57.69	.79X + 9.23
January 2009-December 2009	98.30- 141.03	.766X + 4.54	57.70- 136.75	.82X + 6.46
January 2010-December 2010	0 - 12.81	.96875X	0 - 51.28	0.96875X
January 2011-December 2011	12.82- 55.56	.78875X + 2.31	51.29- 57.69	.78875X + 9.23
January 2012-December 2012	55.57- 57.69	.77075X + 3.31	57.70- 136.75	.82X + 6.35
January 2013-December 2013	57.70- 98.29	.802X + .42	0 - 51.28	.96375X
January 2014-December 2014	98.30- 141.03	.766X + 3.96	51.29- 57.69	.78375X + 9.23
January 2015-December 2015	0 - 12.81	.96375X	57.70- 136.75	.82X + 5.88
January 2016-December 2016	12.82- 55.56	.78375X + 2.31	0 - 51.28	.96375X
January 2017-December 2017	55.57- 57.69	.76575X + 3.31	51.29- 57.69	.78375X + 9.23
January 2018-December 2018	57.70- 98.29	.802X -	57.70- 136.75	.82X + 5.88
January 2019-December 2019	98.30- 141.03	.766X + 3.50		

See footnote at end of table.

SPENDABLE AVERAGE WEEKLY EARNINGS FORMULAS, 1959-75—Continued

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X = gross average weekly earnings)	Gross average weekly earnings	Formula (X = gross average weekly earnings)
January 1964-December 1964.....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-55.77 55.78-57.69 57.70-92.31 92.32-98.28 98.29-141.02 141.03-183.77	.96375 X .80375 X + 2.77 .79875 X + 2.90 .78875 X + 3.27 .78875 X + 3.50 .76875 X + 4.62 .78875 X + 3.46 .82 X + .12 .7885 X + 3.21 .757 X + 7.65	0 - 57.69 57.70-76.92 76.93-92.31 92.32-96.15 96.16-115.38 115.39-136.75 136.76-192.31	.96375 X .80375 X + 9.23 .79875 X + 9.62 .835 X + 6.27 .825 X + 7.23 .838 X + 5.73 .82 X + 8.19
January 1965-December 1965.....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-55.77 55.78-57.69 57.70-92.31 92.32-98.28 98.29-141.02 141.03-183.77	.96375 X .82375 X + 2.42 .81375 X + 2.69 .80875 X + 3.06 .79875 X + 3.52 .77875 X + 4.64 .79275 X + 3.54 .829 X + 0.19 .802 X + 2.84 .775 X + 6.65	0 - 57.69 57.70-76.92 76.93-92.31 92.32-96.15 96.16-115.38 115.39-136.75 136.76-192.31	.96375 X .82375 X + 8.08 .81375 X + 8.85 .85 X + 5.50 .84 X + 6.45 .847 X + 5.65 .829 X + 8.11
January-December 1966.....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-55.77 55.78-57.69 57.70-92.31 92.32-98.28 98.29-141.02 141.03-183.77	.958 X .818 X + 2.42 .808 X + 2.69 .798 X + 3.06 .788 X + 3.52 .768 X + 4.64 .787 X + 3.54 .76 X + 6.19 .802 X + .86 .775 X + 4.67	0 - 57.69 57.70-76.92 76.93-96.15 96.16-115.38 115.39-126.92 126.93-136.75 136.76-192.31	.958 X .818 X + 8.08 .808 X + 8.85 .798 X + 9.80 .805 X + 9.00 .847 X + 8.67 .829 X + 6.13
January 1967-December 1967.....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-55.77 55.78-57.69 57.70-92.31 92.32-98.28 98.29-141.02 141.03-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956 X .816 X + 2.42 .806 X + 2.69 .796 X + 3.06 .786 X + 3.52 .766 X + 4.64 .785 X + 3.54 .758 X + 6.19 .802 X + .61 .775 X + 4.42 .748 X + 9.38 .720 X + 14.76	0 - 57.69 57.70-76.92 76.93-96.15 96.16-115.38 115.39-126.92 126.93-136.75 136.76-192.31 192.32-219.23	.956 X .816 X + 8.08 .806 X + 8.85 .796 X + 9.80 .803 X + 9.00 .847 X + 3.42 .829 X + 5.33 .810 X + 9.54
January 1968-March 1968.....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-55.77 55.78-57.69 57.70-92.31 92.32-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956 X .816 X + 2.42 .806 X + 2.69 .796 X + 3.06 .786 X + 3.52 .766 X + 4.64 .785 X + 3.54 .758 X + 6.19 .781 X + 10.00 .775 X + 3.40 .748 X + 8.86 .720 X + 13.74 .680 X + 22.67	0 - 57.69 57.70-76.92 76.93-96.15 96.16-115.38 115.39-136.75 136.76-160.00 160.01-192.31 192.32-219.23 219.24-296.15	.956 X .816 X + 8.08 .806 X + 8.85 .796 X + 9.80 .803 X + 9.00 .785 X + 11.46 .829 X + 4.26 .810 X + 8.52 .780 X + 15.09
April 1968-December 1968.....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-53.66 53.67-55.77 55.78-57.69 57.70-92.31 92.32-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956 X .816 X + 2.42 .806 X + 2.69 .764 X + 4.23 .752 X + 4.78 .769 X + 3.87 .747 X + 5.10 .7879 X + 3.89 .7382 X + 6.81 .7085 X + 11.00 .7525 X + 4.40 .7228 X + 9.85 .692 X + 15.77 .648 X + 25.59	0 - 57.69 57.70-76.92 76.93-96.15 96.16-115.38 115.39-131.71 131.72-136.75 136.76-160.00 160.01-192.31 192.32-219.23 219.24-296.15	.956 X .816 X + 8.08 .806 X + 8.85 .764 X + 12.89 .7724 X + 11.92 .7877 X + 9.90 .7679 X + 12.60 .8119 X + 6.90 .791 X + 10.92 .758 X + 17.46
1968 annual average <sup>1</sup> .....	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-53.66 53.67-55.77 55.78-57.69 57.70-92.31 92.32-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956 X .816 X + 2.42 .806 X + 2.69 .772 X + 3.94 .7605 X + 4.47 .7733 X + 3.78 .7518 X + 4.99 .7722 X + 3.81 .7432 X + 6.65 .7141 X + 10.75 .7581 X + 4.15 .7291 X + 9.49 .699 X + 15.27 .656 X + 24.87	0 - 57.69 57.70-76.92 76.93-96.15 96.16-115.38 115.39-131.71 131.72-136.75 136.76-160.00 160.01-192.31 192.32-219.23 219.24-296.15	.956 X .816 X + 8.08 .806 X + 8.85 .772 X + 12.11 .780 X + 11.19 .7915 X + 9.68 .7722 X + 12.82 .8162 X + 5.72 .7958 X + 9.66 .7635 X + 16.72

See footnote at end of table.

**SPENDABLE AVERAGE WEEKLY EARNINGS FORMULAS, 1939-75—Continued**

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X=gross average weekly earnings)	Gross average weekly earnings	Formula (X=gross average weekly earnings)
January 1969-December 1969	0 - 17.31 17.32-26.92 26.93-36.54 36.55-46.15 46.16-55.77 55.78-57.69 57.70-98.28 98.29-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.952X .812X + 2.42 .802X + 2.69 .760X + 4.23 .748X + 4.78 .765X + 3.87 .743X + 5.10 .7639X + 3.89 .7342X + 6.31 .7045X + 11.00 .7525X + 3.80 .7228X + 9.26 .692X + 15.17 .648X + 25.00	0 - 57.69 57.70-76.92 76.93-96.15 96.16-115.38 115.39-131.71 131.72-136.75 136.76-150.00 150.01-192.31 192.32-219.23 219.24-296.15	.952X .812X + 8.08 .802X + 8.85 .760X + 12.89 .7684X + 11.92 .7837X + 9.90 .7639X + 12.61 .8119X + 5.41 .791X + 9.43 .758X + 16.66
January 1970-December 1970	0 - 33.17 33.18-39.59 39.60-46.00 46.01-52.40 52.41-57.31 57.32-58.82 58.83-62.88 62.89-98.82 98.83-141.56 141.57-150.00 150.01-184.28 184.29-192.31 192.32-223.56 223.57-262.02	.952X .742X + 6.97 .727X + 7.56 .700X + 8.80 .6842X + 9.62 .6906X + 9.26 .6599X + 11.07 .7767X + 3.72 .749X + 6.46 .7214X + 10.38 .7694X + 3.18 .7417X + 8.27 .713X + 13.79 .672X + 22.96	0 - 69.23 69.24-82.06 82.07-88.46 88.47-98.08 98.09-115.38 115.39-117.50 117.51-133.85 133.86-138.87 138.88-150.00 150.01-192.31 192.32-221.15 221.16-298.08	.952X .742X + 14.54 .727X + 15.77 .802X + 9.14 .784X + 10.90 .801X + 8.96 .7913X + 10.08 .7952X + 9.56 .7767X + 12.12 .8247X + 4.92 .8052X + 8.67 .7745X + 15.47
January 1971-December 1971	0 - 33.17 33.18-42.79 42.80-52.40 52.41-62.02 62.03-71.63 71.64-110.10 110.11-148.56 148.57-150.00 150.01-155.33 155.34-191.75 191.76-221.38 221.39-234.13 234.14-272.60	.948X .808X + 4.64 .798X + 5.07 .788X + 5.59 .778X + 6.21 .758X + 7.65 .738X + 9.85 .708X + 14.30 .76X + 6.50 .7912X + 1.66 .7825X + 3.33 .75X + 10.54 .73X + 15.23	0 - 72.12 72.13-91.35 91.36-110.58 110.59-129.81 129.82-149.04 149.05-150.00 150.01-155.33 155.34-221.89 221.90-234.62 234.63-311.54	.948X .808X + 10.10 .798X + 11.01 .788X + 12.11 .778X + 13.42 .758X + 16.40 .81X + 8.60 .8347X + 4.76 .81X + 10.24 .78X + 17.28
January 1972-December 1972	0 - 39.42 39.43-49.04 49.05-58.65 58.66-68.27 68.28-77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-173.08 173.09-197.96 197.97-243.21 243.22-256.40 256.41-283.65	.948X .808X + 5.52 .798X + 6.01 .788X + 6.59 .778X + 7.28 .758X + 8.84 .738X + 11.16 .708X + 15.80 .744X + 9.80 .796X + .80 .7875X + 2.49 .7705X + 6.63 .73X + 17.01	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-173.01 173.02-248.87 248.88-256.40 256.41-326.92	.948X .808X + 11.58 .798X + 12.60 .788X + 13.80 .778X + 15.21 .758X + 18.41 .7865X + 13.66 .8385X + 4.66 .813X + 11.00 .78X + 19.46
January 1973-December 1973	0 - 39.42 39.43-49.04 49.05-58.65 58.66-68.27 68.28-77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-197.96 197.97-207.69 207.70-243.21 243.22-256.40 256.41-283.65	.9415X .8015X + 5.52 .7915X + 6.01 .7815X + 6.59 .7715X + 7.28 .7515X + 8.84 .7315X + 11.16 .7015X + 15.80 .7375X + 9.80 .729X + 11.49 .7875X + .66 .7705X + 3.48 .73X + 13.86	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-207.69 207.70-248.87 248.88-256.40 256.41-326.92	.9415X .8015X + 11.58 .7915X + 12.60 .7815X + 13.80 .7715X + 15.21 .7515X + 18.41 .78X + 13.66 .8385X + 1.51 .813X + 7.85 .78X + 16.31
January 1974-December 1974	0 - 39.42 39.43-49.04 49.05-58.65 58.66-68.27 68.28-77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-197.96 197.97-243.21 243.22-253.85 253.86-256.40 256.41-283.65 283.66-322.12 322.13-360.58	.9415X .8015X + 5.52 .7915X + 6.01 .7815X + 6.59 .7715X + 7.28 .7515X + 8.84 .7315X + 11.16 .7015X + 15.80 .7375X + 9.80 .729X + 11.49 .712X + 15.63 .7705X + .78 .73X + 11.16 .71X + 16.83 .69X + 23.27	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-207.69 207.70-248.87 248.88-256.40 256.41-326.92	.9415X .8015X + 11.58 .7915X + 12.60 .7815X + 13.80 .7715X + 15.21 .7515X + 18.41 .78X + 13.66 .7545X + 20.00 .813X + 5.15 .78X + 18.61 .75X + 23.42

See footnote at end of table.

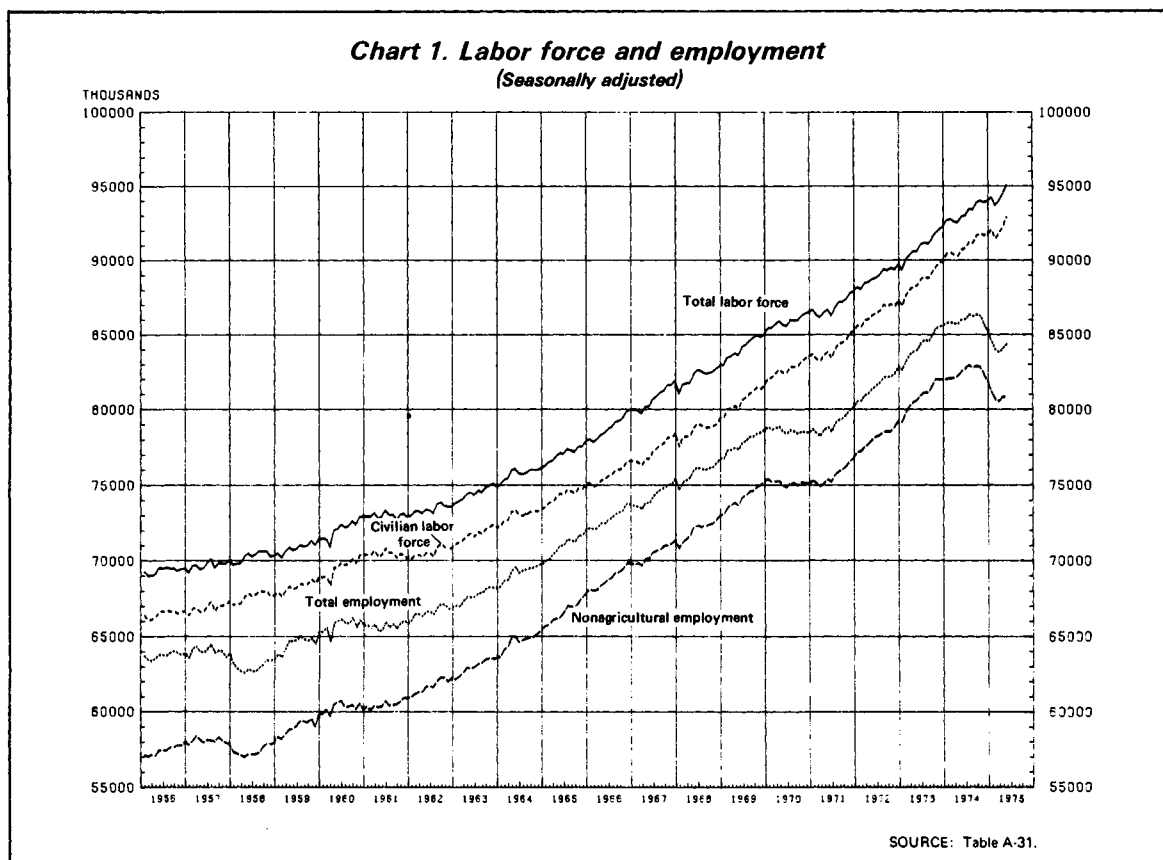
SPENDABLE AVERAGE WEEKLY EARNINGS FORMULAS, 1939-75—Continued

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X=gross average weekly earnings)	Gross average weekly earnings	Formula (X=gross average weekly earnings)
January 1975–April 1975 -----	0 - 39.42 39.43- 49.04 49.05- 58.65 58.66- 68.27 68.28- 77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-197.96 197.97-243.21 243.22-256.40 256.41-271.15 271.16-283.65 283.66-322.12 322.13-360.58 360.59-399.04	.9415X .8015X + 5.52 .7915X + 6.01 .7815X + 6.59 .7715X + 7.28 .7515X + 8.84 .7315X + 11.16 .7015X + 15.80 .7375X + 9.80 .729X + 11.49 .712X + 15.63 .6715X + 26.01 .73X + 10.15 .71X + 15.82 .69X + 22.26 .66X + 33.08	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-248.87 248.88-256.40 256.41-271.15 271.16-326.92 326.93-403.85	.9415X .8015X + 11.58 .7915X + 12.60 .7815X + 13.80 .7715X + 15.21 .7515X + 18.41 .78X + 13.66 .7345X + 20.00 .7215X + 28.46 .78X + 12.60 .75X + 22.41
May 1975–December 1975 -----	0 - 54.52 54.53- 54.81 54.82- 58.65 58.66- 64.42 64.43- 68.27 68.28- 74.04 74.05- 77.88 77.89- 83.65 83.66-116.35 116.36-122.12 122.13-154.81 154.82-160.58 160.59-166.67 166.68-192.31 192.32-197.96 197.97-200.32 200.33-243.21 243.22-246.11 246.12-256.40 256.41-271.15 271.16-276.44 276.45-283.65 283.66-289.42 289.43-322.12 322.13-327.88 327.89-360.58 360.59-366.35 366.36-399.04 399.05-404.81	.9415X .8065X + 7.36 .7915X + 8.17 .7965X + 7.88 .7815X + 8.86 .7865X + 8.51 .7715X + 9.62 .7815X + 8.84 .7515X + 11.35 .7615X + 10.19 .7315X + 13.55 .7465X + 11.53 .7015X + 18.76 .6835X + 21.76 .7411X + 10.67 .7454X + 9.83 .7328X + 12.36 .7413X + 10.29 .7161X + 16.50 .7363X + 11.31 .7948X - 4.55 .73X + 13.36 .74X + 10.53 .71X + 19.20 .72X + 15.98 .69X + 25.82 .705X + 20.41 .66X + 36.91 .67X + 32.92	0 -139.06 139.07-140.38 140.39-151.92 151.93-153.85 153.86-159.62 159.63-166.67 166.68-171.15 171.16-228.37 228.38-248.87 248.88-251.83 251.84-256.40 256.41-271.15 271.16-312.50 312.51-326.92 326.93-338.46 338.47-403.85 403.86-415.38	.9415X .6315X + 43.11 .6365X + 42.41 .6215X + 44.70 .7715X + 21.63 .7815X + 20.03 .7673X + 22.41 .7373X + 27.54 .7829X + 17.13 .7956X + 13.96 .7578X + 23.47 .7743X + 19.24 .8328X + 3.38 .78X + 19.88 .795X + 14.97 .75X + 30.21 .765X + 24.15
1975 annual average <sup>1</sup> -----	0 - 49.31 49.32- 54.81 54.82- 64.42 64.43- 74.04 74.05- 83.65 83.66-122.12 122.13-160.58 160.59-192.31 192.32-200.32 200.33-246.11 246.12-271.15 271.16-276.44 276.45-289.42 289.43-327.88 327.89-366.35 366.36-404.81	.9415X .8015X + 6.91 .7915X + 7.45 .7815X + 8.10 .7715X + 8.84 .7515X + 10.51 .7315X + 12.95 .7015X + 17.77 .7399X + 10.38 .7315X + 12.07 .7147X + 16.21 .7732X + .35 .73X + 12.29 .71X + 18.07 .69X + 24.63 .66X + 35.63	0 -128.08 128.09-132.69 132.70-151.92 151.93-153.85 153.86-171.15 171.16-228.37 228.38-251.83 251.84-271.15 271.16-312.50 312.51-338.46 338.47-415.38	.9415X .6915X + 32.02 .6815X + 33.34 .6715X + 34.87 .7715X + 19.49 .7515X + 22.91 .7819X + 15.97 .7567X + 22.31 .8152X + 6.45 .78X + 17.45 .75X + 27.61

<sup>1</sup>Formulas for computing annual averages take into account the changes during the year in income tax rates.

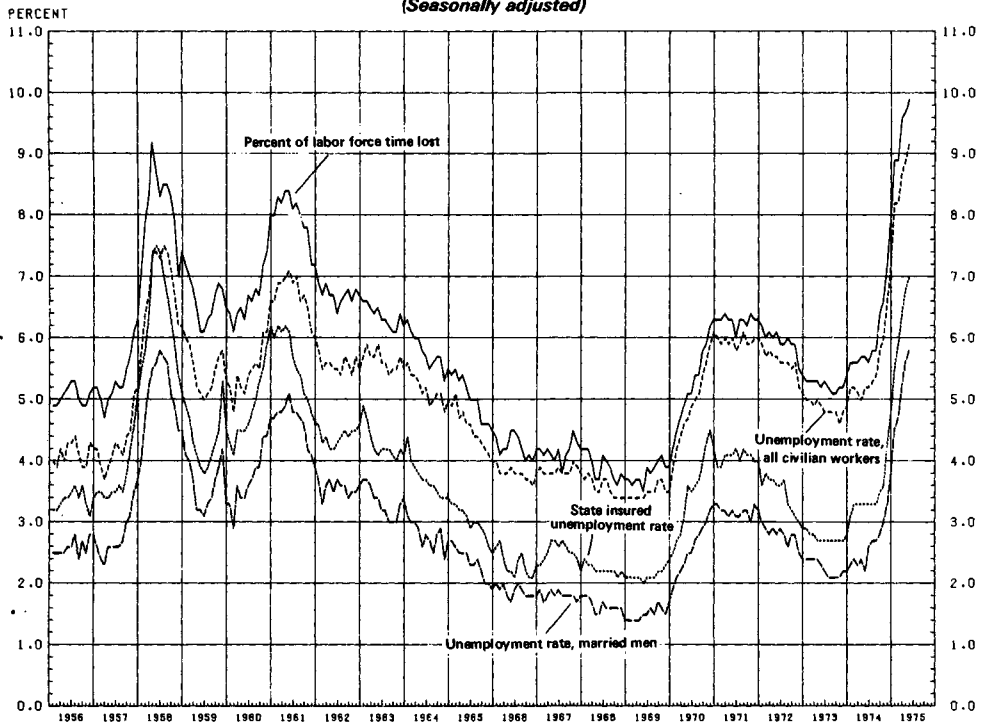
# CHARTS

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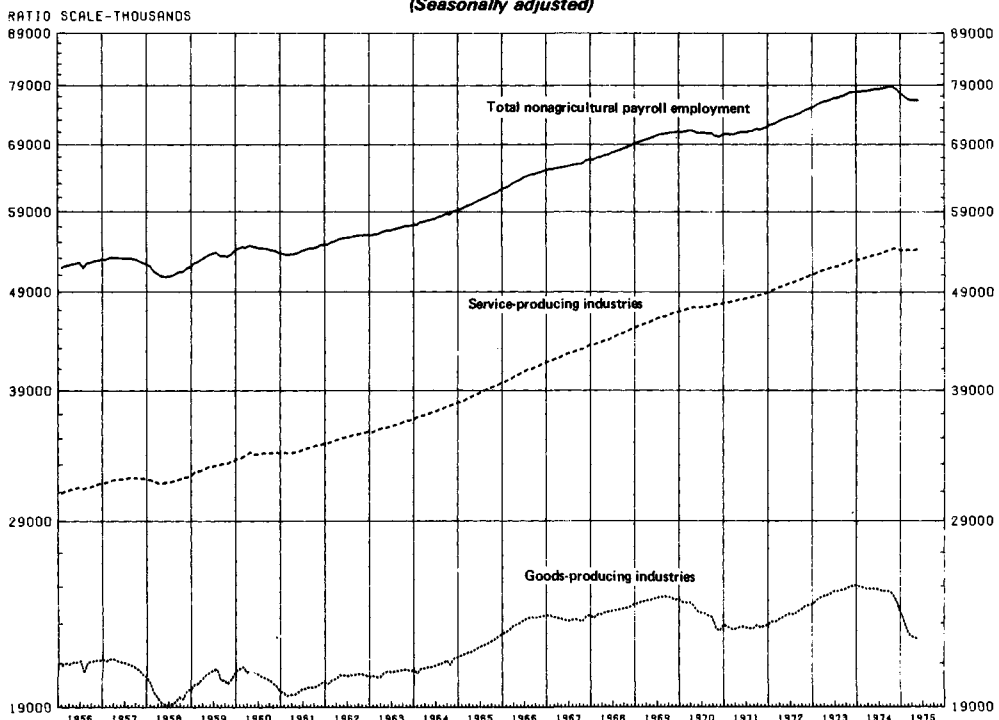


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A-34.

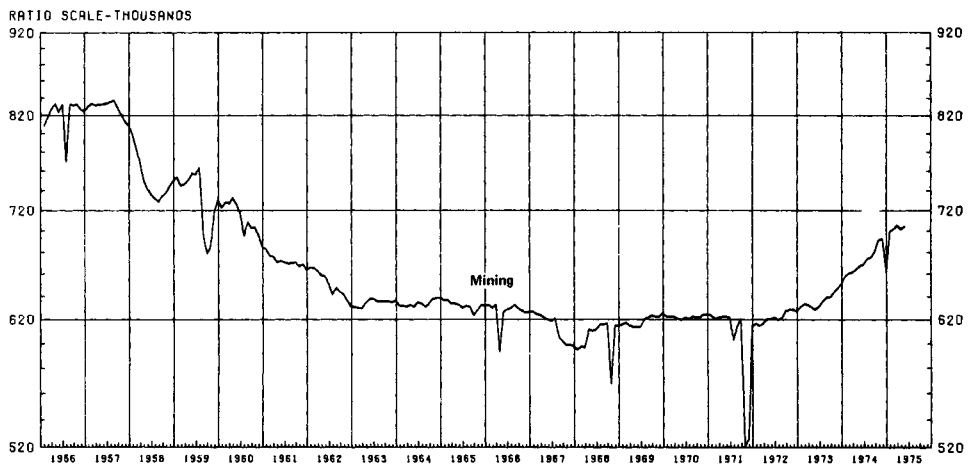
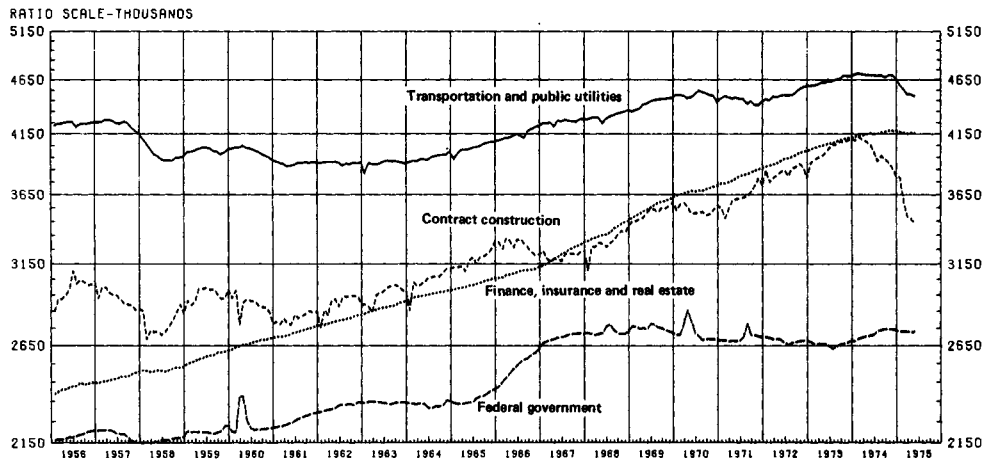
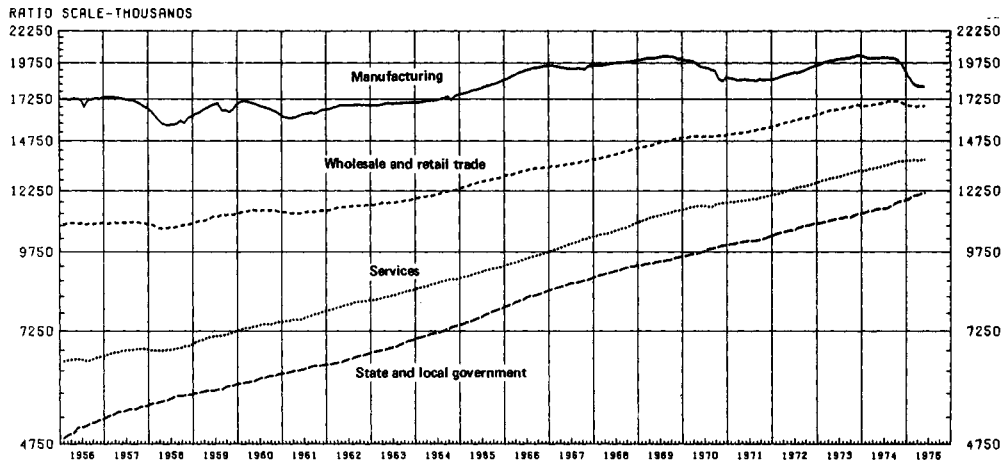
**Chart 3. Payroll employment in goods- and service-producing industries**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

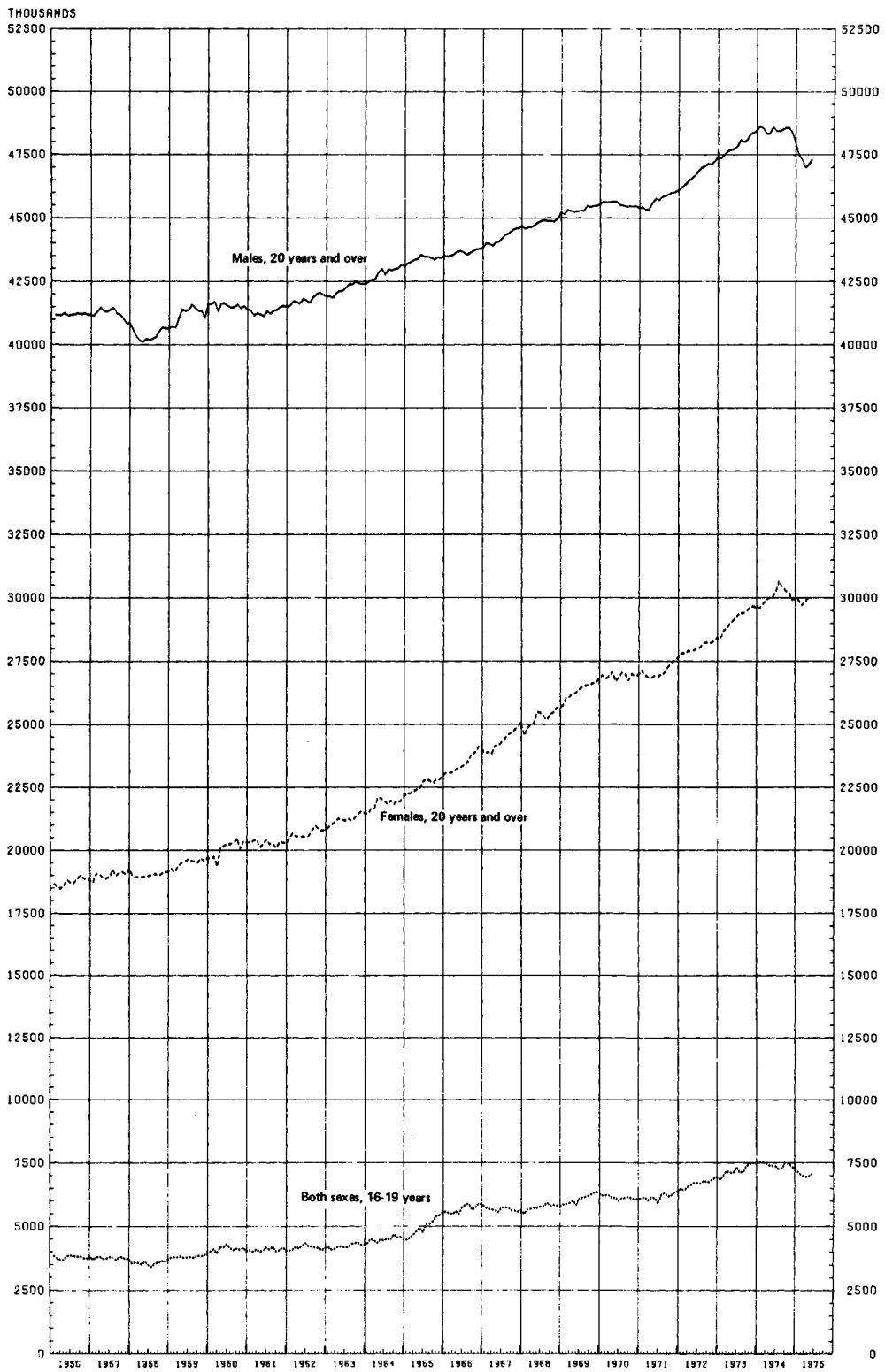
**Chart 4. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

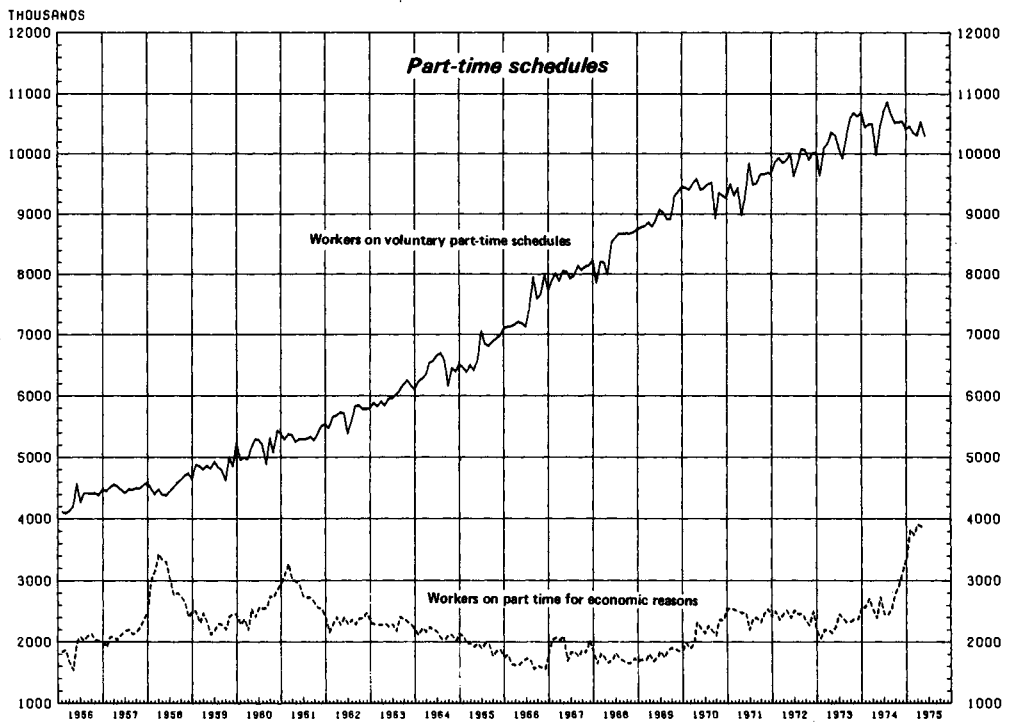
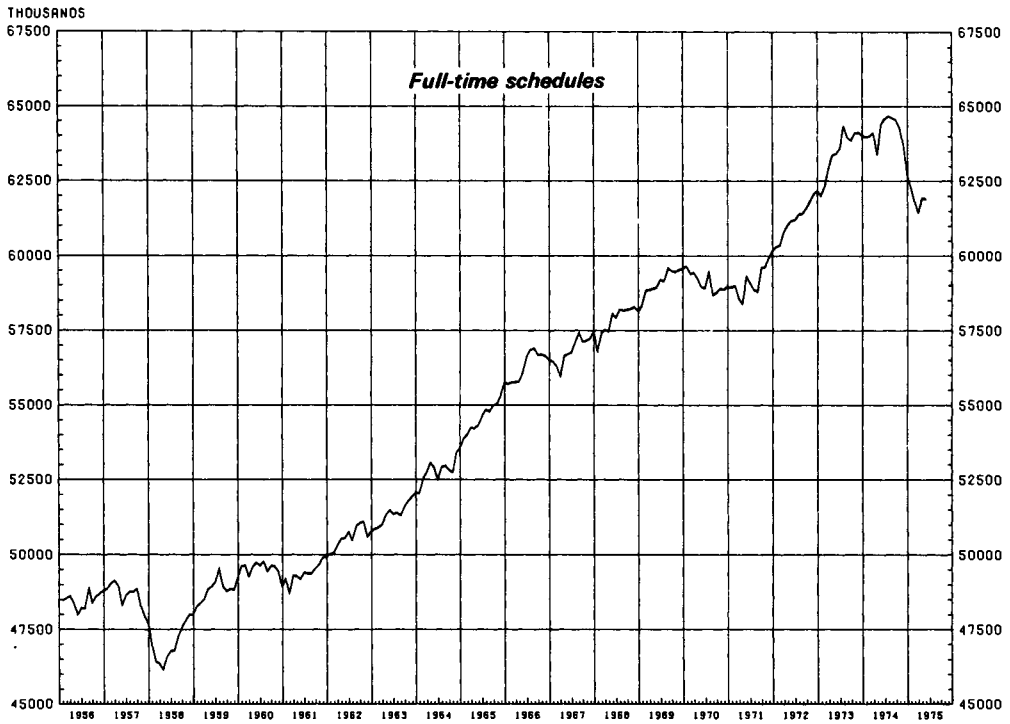
SOURCE: Table B-5.

**Chart 5. Total employment by age and sex**  
(Seasonally adjusted)



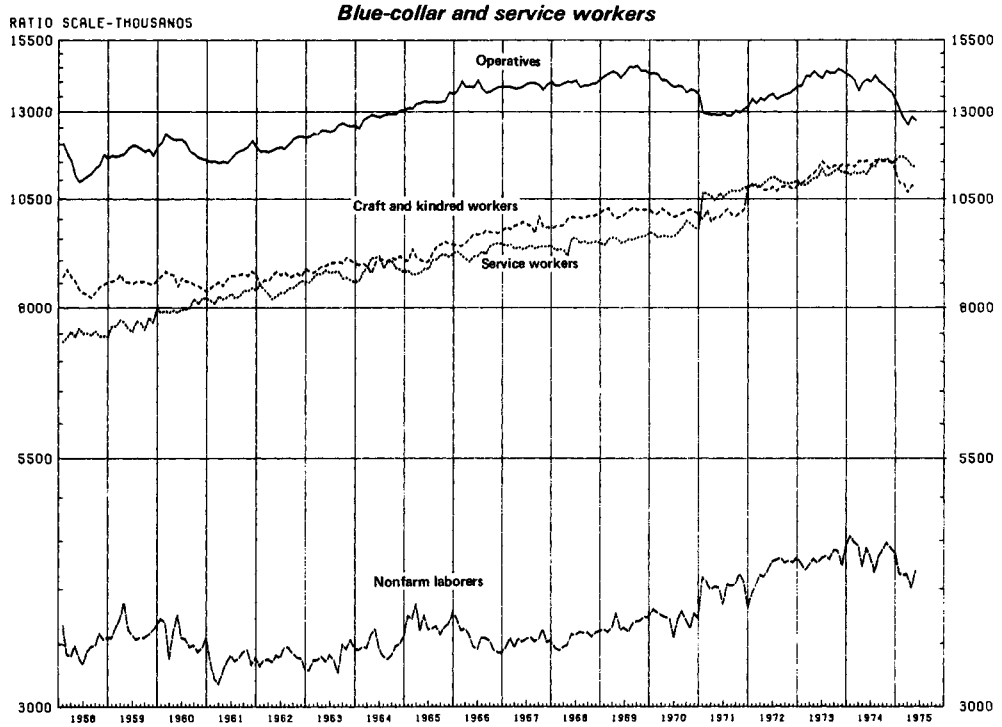
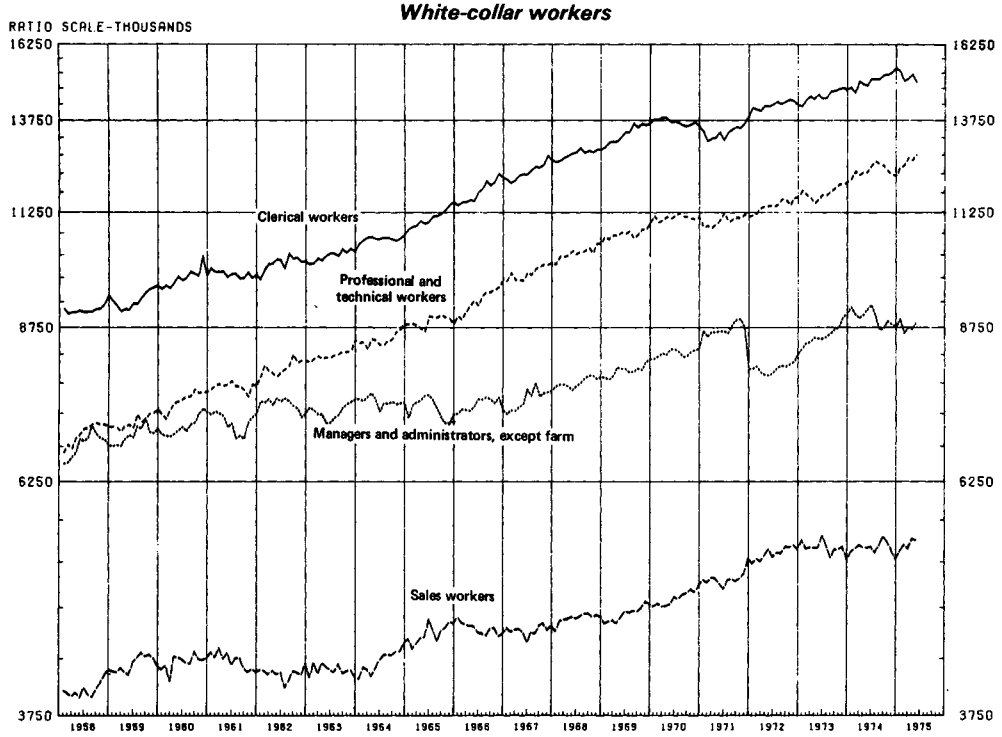
SOURCE: Table A-31.

**Chart 6. Persons at work full and part time  
in nonagricultural industries**  
(Seasonally adjusted)



SOURCE: Table A-39.

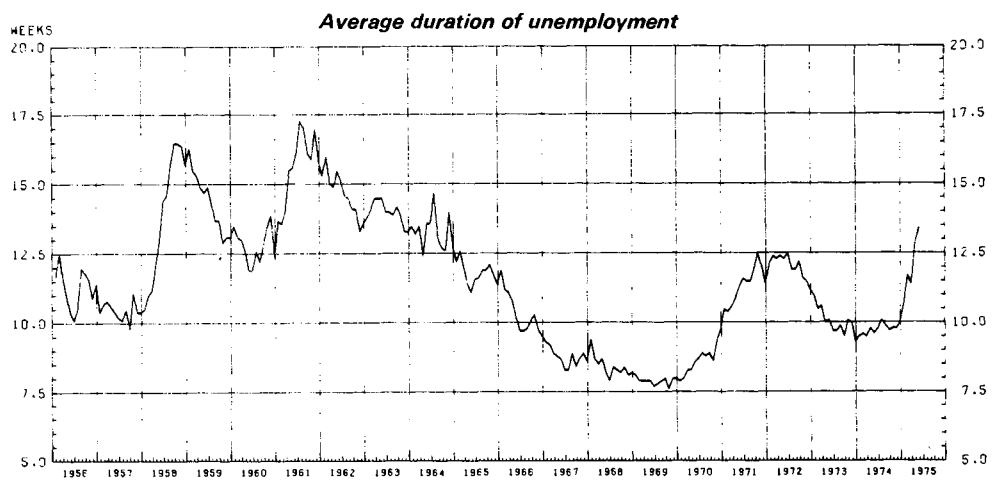
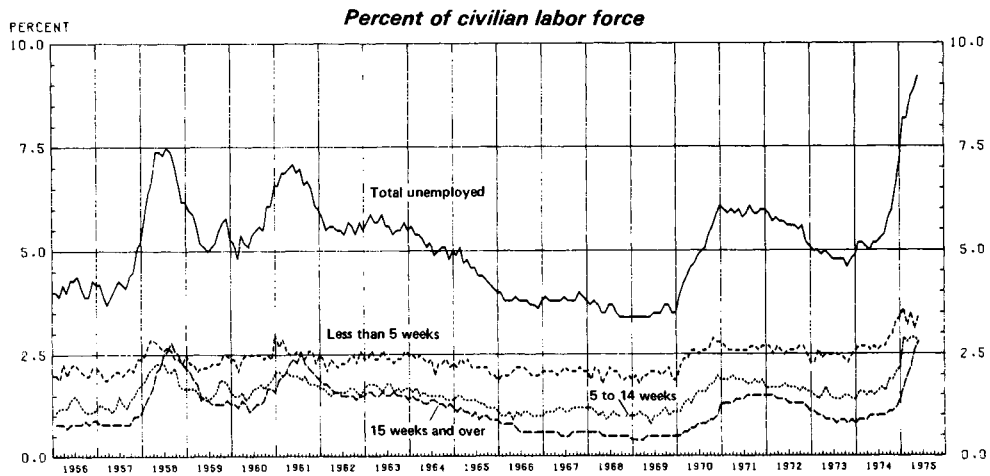
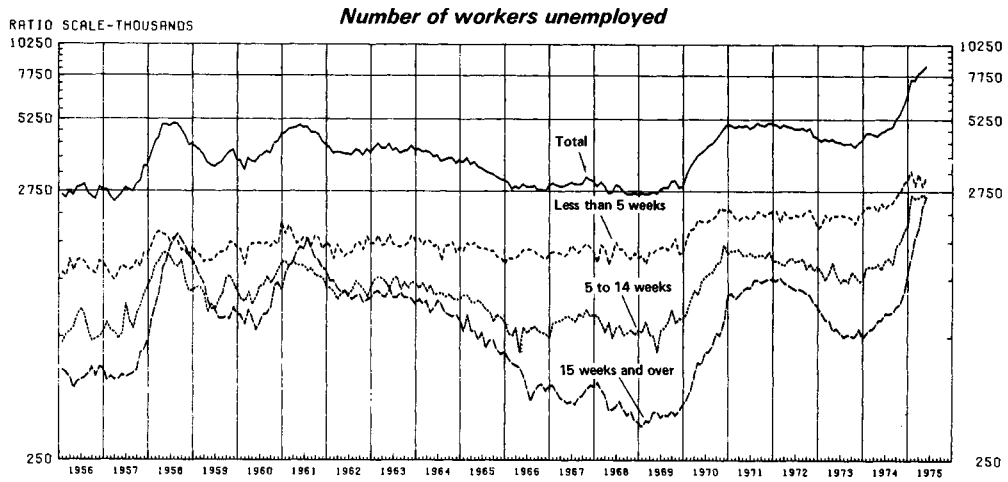
**Chart 7. Employment in nonfarm occupations**  
(Seasonally adjusted)



NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

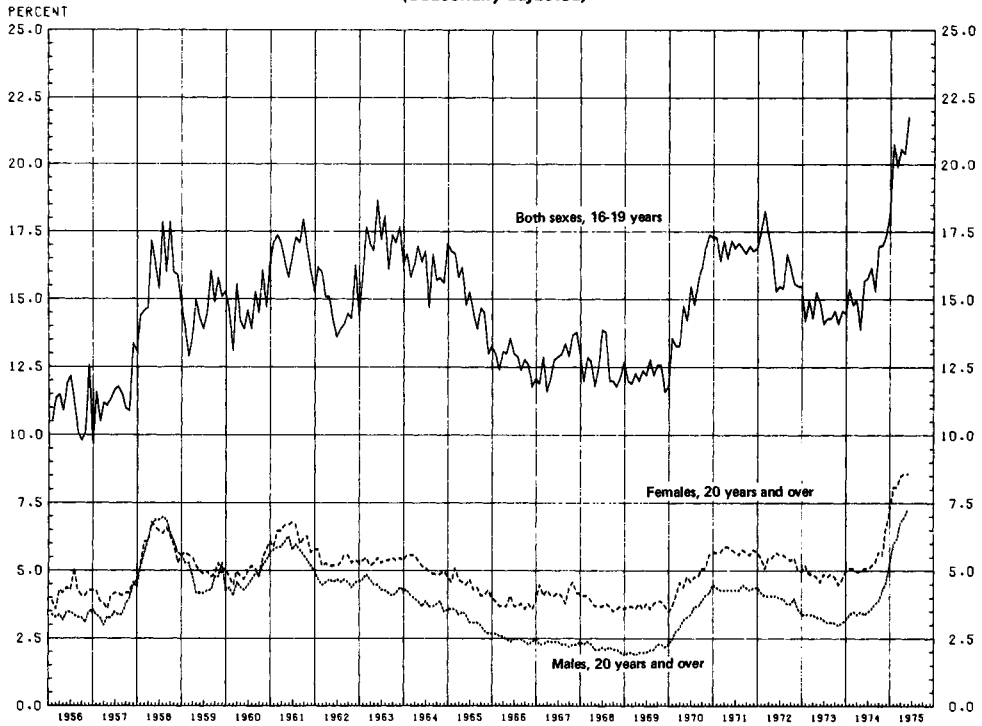
SOURCE: Table A-39.

**Chart 8. Duration of unemployment**  
(Seasonally adjusted)



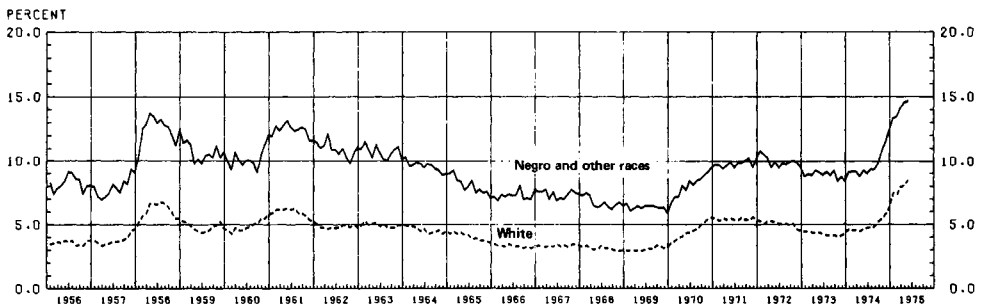
SOURCE: Table A-35.

**Chart 9. Unemployment rates by age and sex**  
(Seasonally adjusted)

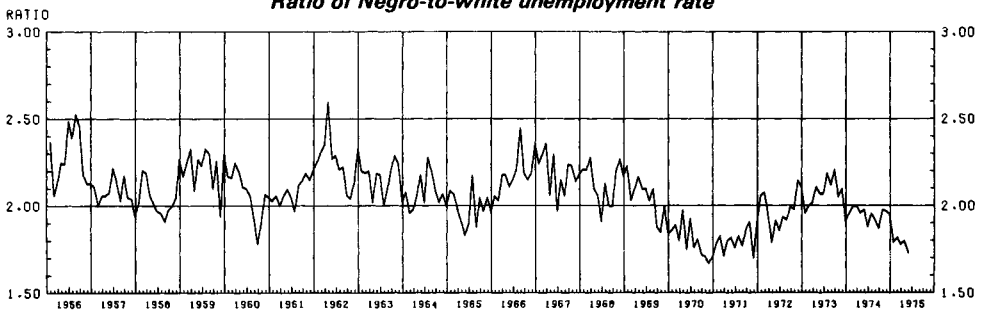


SOURCE: Table A-34.

**Chart 10. Unemployment rates by color**  
(Seasonally adjusted)

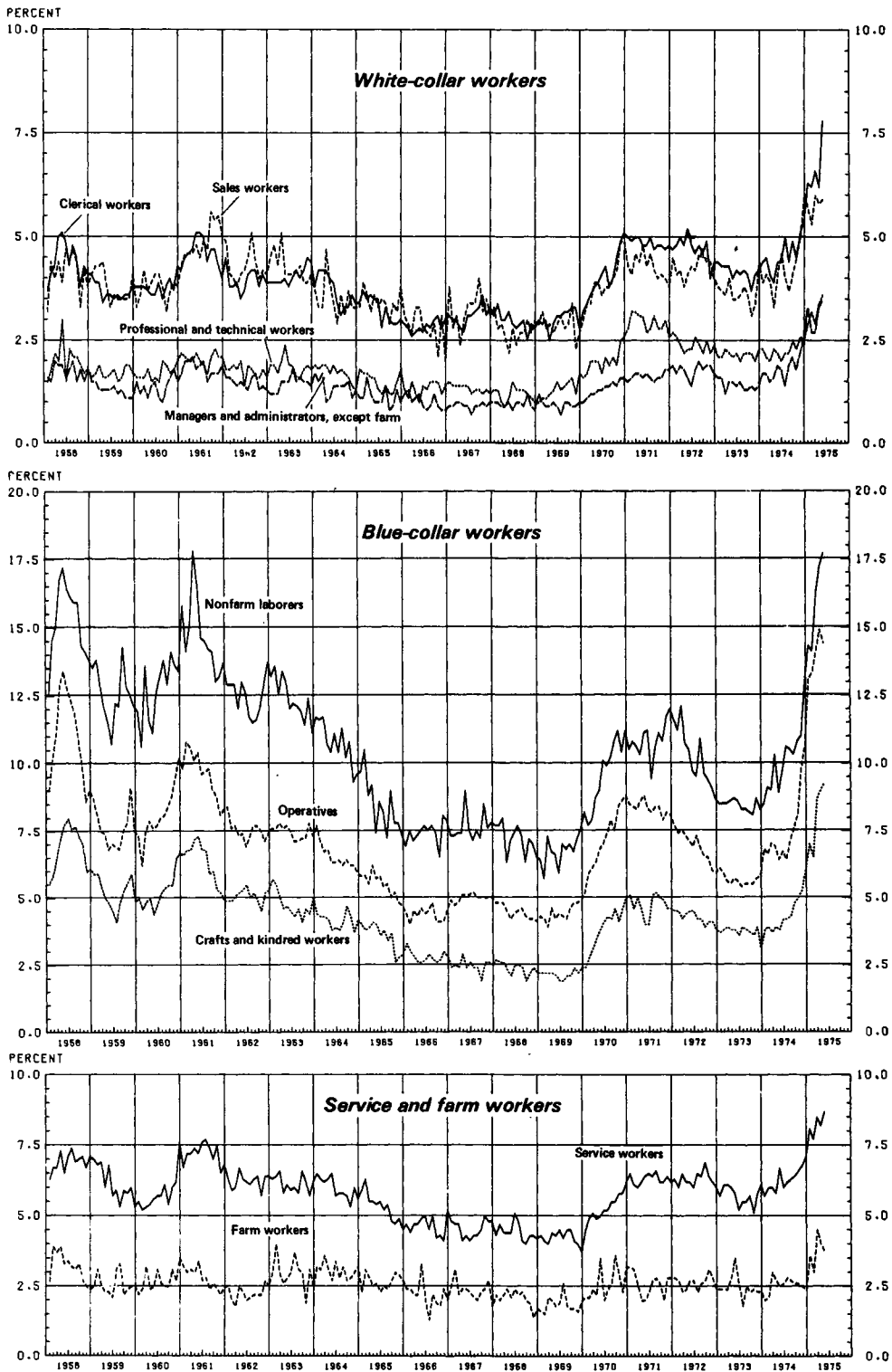


**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

**Chart 11. Unemployment rates by major occupational groups**  
(Seasonally adjusted)

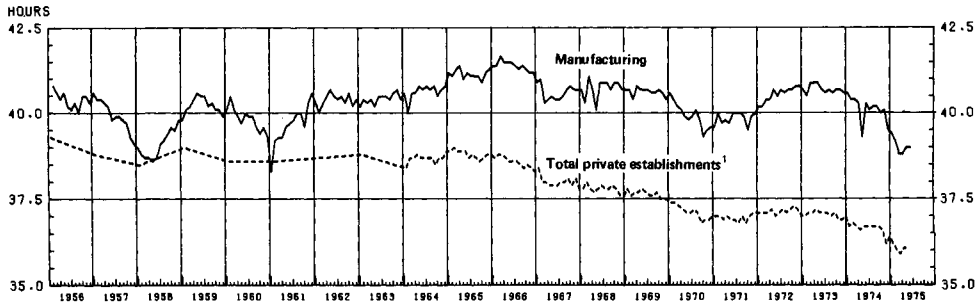


SOURCE: Table A-34.

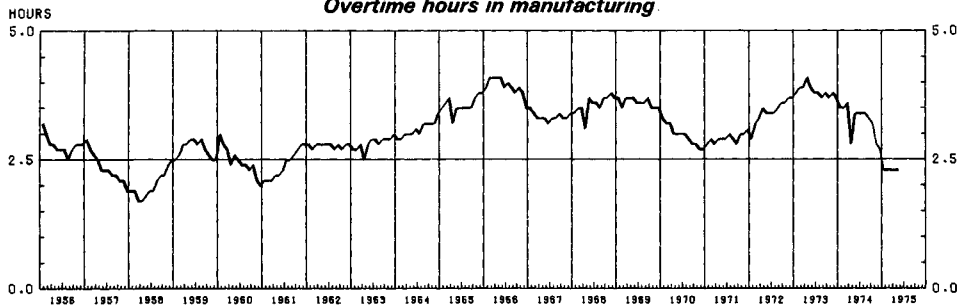


**Chart 12. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



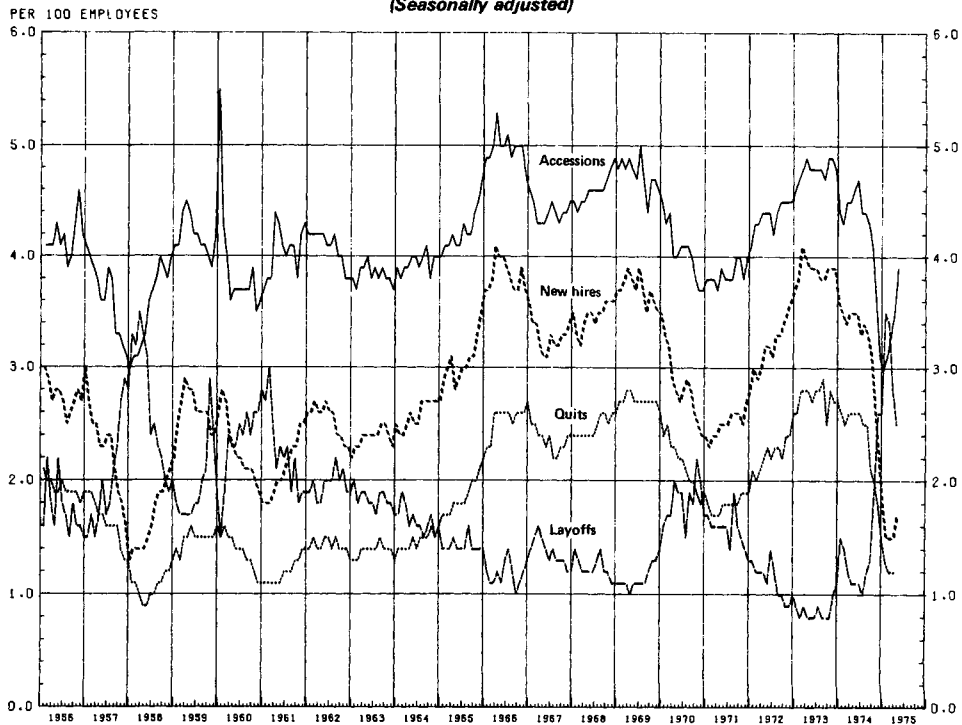
Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 13. Labor turnover rates in manufacturing**

*(Seasonally adjusted)*

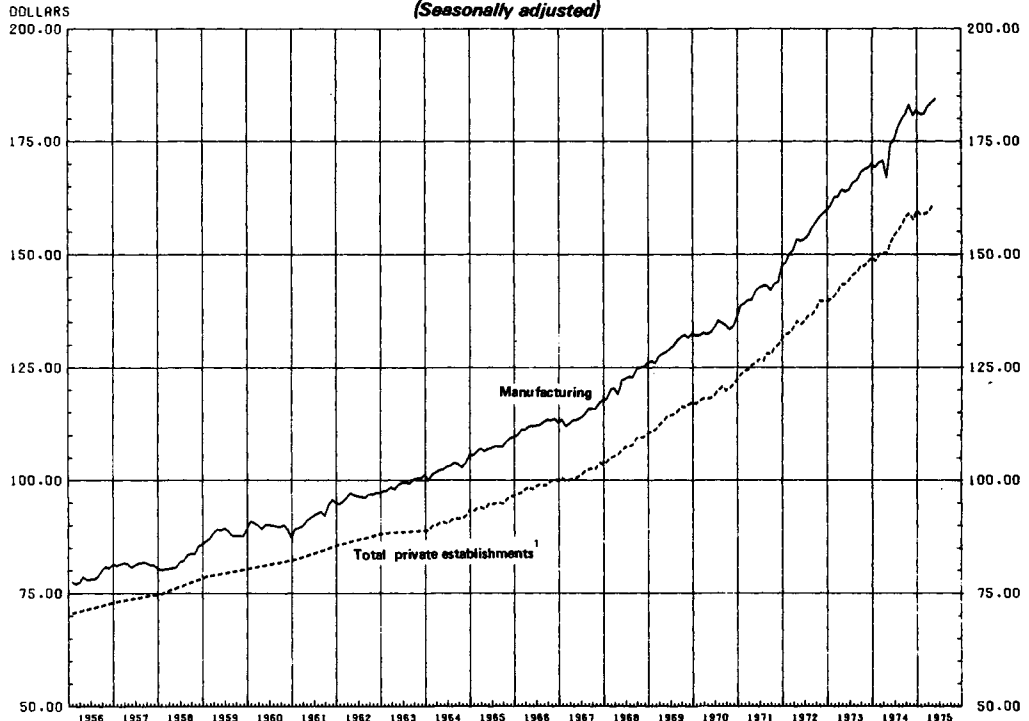


NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

**Chart 14. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*



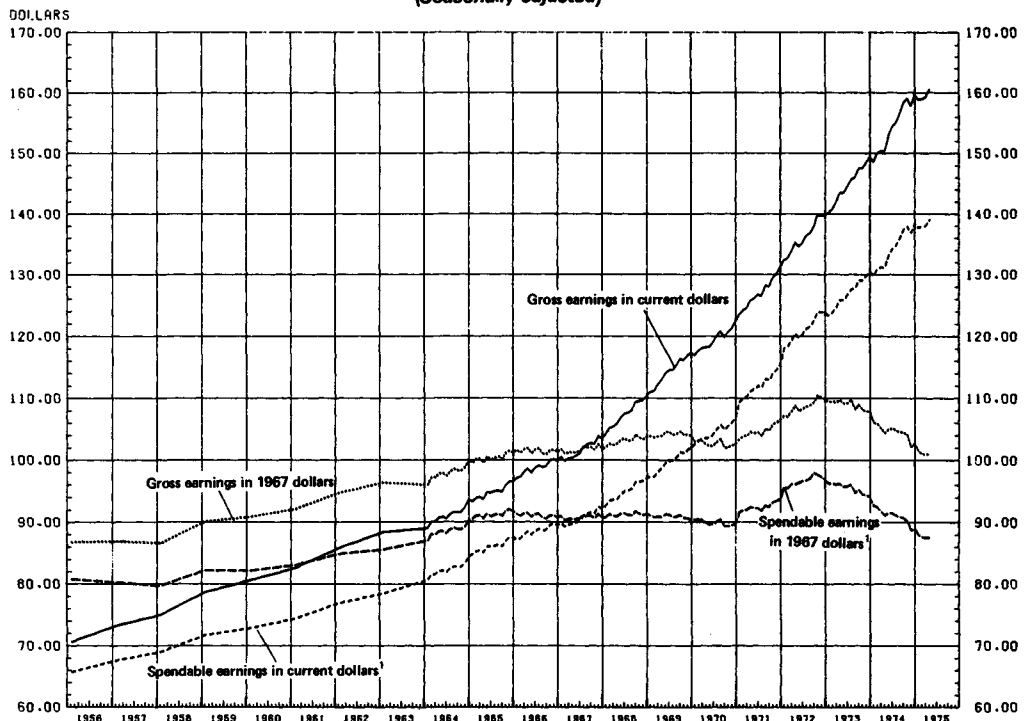
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7 and C-17.

**Chart 15. Total private gross and spendable weekly earnings**

*(Seasonally adjusted)*



<sup>1</sup> Worker with three dependents.

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-17.





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

[Numbers in thousands]

Sex, age, and color	May 1975										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over .....	57,340	78.2	55,246	50,954	4,291	7.8	15,959	316	4,525	1,895	9,225
16 to 21 years .....	8,182	65.8	7,413	6,081	1,331	18.0	3,261	30	3,769	39	423
16 to 19 years .....	4,906	58.4	4,533	3,715	818	18.1	3,492	22	3,191	16	262
16 to 17 years .....	1,953	46.1	1,914	1,561	354	18.5	2,281	11	2,146	5	118
18 to 19 years .....	2,954	70.9	2,618	2,154	465	17.7	3,211	11	1,045	11	144
20 to 64 years .....	50,490	89.9	48,769	45,404	3,364	6.9	5,664	130	1,334	1,333	2,868
20 to 24 years .....	8,111	85.4	7,323	6,234	1,089	14.9	1,391	11	991	50	338
25 to 54 years .....	35,397	94.5	34,466	32,483	1,982	5.8	2,061	68	339	684	970
25 to 29 years .....	7,797	94.4	7,431	6,857	574	7.7	461	10	229	49	173
30 to 34 years .....	6,547	96.3	6,311	5,941	370	5.9	253	13	50	77	112
35 to 39 years .....	5,404	96.5	5,205	4,947	258	5.0	197	8	22	67	99
40 to 44 years .....	5,159	94.9	5,068	4,758	280	5.5	276	8	24	121	124
45 to 49 years .....	5,338	94.2	5,309	5,070	239	4.5	329	17	9	143	160
50 to 54 years .....	5,151	90.4	5,143	4,881	262	5.1	545	12	5	227	301
55 to 64 years .....	6,982	75.9	6,960	6,687	293	4.2	2,213	51	3	598	1,561
55 to 59 years .....	4,148	83.9	4,147	3,970	177	4.3	795	20	4	333	438
60 to 64 years .....	2,833	66.6	2,833	2,717	117	4.1	3,418	31	--	265	1,122
65 years and over .....	1,944	22.2	1,944	1,836	109	5.6	6,803	163	--	546	6,094
65 to 69 years .....	1,158	33.3	1,158	1,071	87	7.5	2,322	40	--	178	2,104
70 years and over .....	787	14.9	787	765	22	2.8	4,481	123	--	368	3,990
<b>White</b>											
16 years and over .....	51,375	79.0	49,623	46,067	3,556	7.2	13,619	258	3,650	1,531	8,179
16 to 21 years .....	7,252	67.9	6,625	5,547	1,079	16.3	3,423	24	3,028	25	345
16 to 19 years .....	4,403	61.3	4,097	3,425	673	16.4	2,776	18	2,535	11	212
16 to 17 years .....	1,787	49.6	1,754	1,454	299	17.1	1,815	11	1,701	5	101
18 to 19 years .....	2,616	73.2	2,344	1,970	373	15.9	958	7	833	7	111
20 to 64 years .....	45,192	90.6	43,747	40,954	2,793	6.4	4,710	97	1,116	1,052	2,445
20 to 24 years .....	7,102	86.0	6,459	5,573	886	13.7	1,159	9	852	34	265
25 to 54 years .....	31,700	95.2	30,899	29,250	1,650	5.3	1,605	52	263	530	761
25 to 29 years .....	12,783	95.8	12,267	11,466	801	6.5	554	20	225	96	214
30 to 34 years .....	9,436	96.5	9,186	8,739	447	4.9	344	11	29	137	168
35 to 44 years .....	9,481	93.1	9,447	9,045	402	4.3	707	21	10	297	379
55 to 64 years .....	6,390	76.7	6,389	6,132	256	4.0	1,945	36	2	488	1,420
55 to 59 years .....	3,796	84.6	3,795	3,643	151	4.0	691	13	2	279	396
60 to 64 years .....	2,594	67.4	2,594	2,489	105	4.0	1,254	23	--	209	1,023
65 years and over .....	1,779	22.5	1,779	1,658	121	5.1	6,133	143	--	468	5,522
<b>Negro and other races</b>											
16 years and over .....	5,965	71.8	5,623	4,887	735	13.1	2,341	58	874	363	1,045
16 to 21 years .....	930	52.6	787	535	253	32.1	838	6	741	14	77
16 to 19 years .....	503	41.3	436	290	146	33.4	716	4	657	4	50
16 to 17 years .....	166	26.4	161	107	54	33.7	463	1	445	1	17
18 to 19 years .....	337	57.2	275	183	91	33.3	253	4	212	4	33
20 to 64 years .....	5,297	84.7	5,022	4,449	572	11.4	955	33	218	281	423
20 to 24 years .....	1,009	81.3	864	662	203	23.4	232	2	140	17	74
25 to 54 years .....	3,697	89.0	3,566	3,233	333	9.3	456	16	77	154	209
25 to 29 years .....	1,562	90.7	1,474	1,332	142	9.6	160	3	55	31	71
30 to 34 years .....	1,128	89.8	1,087	995	92	8.5	128	5	17	51	55
35 to 44 years .....	1,008	85.8	1,005	966	39	9.8	167	8	5	72	82
55 to 64 years .....	592	68.9	591	554	37	6.3	268	15	1	110	141
55 to 59 years .....	352	77.2	352	327	25	7.2	104	7	1	54	42
60 to 64 years .....	239	59.4	239	227	12	4.9	164	8	--	56	99
65 years and over .....	165	19.8	165	148	17	10.4	670	20	--	78	572

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

(Numbers in thousands)

Sex, age, and color	May 1975										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over .....	36,609	45.9	36,523	33,192	3,331	9.1	43,142	34,936	4,375	1,141	2,689
16 to 21 years .....	6,305	51.7	6,260	5,113	1,147	18.3	5,889	1,622	3,879	23	365
16 to 19 years .....	3,831	46.6	3,810	3,075	735	19.3	4,391	786	3,341	14	250
16 to 17 years .....	1,468	35.7	1,468	1,177	292	19.9	2,641	222	2,321	3	96
18 to 19 years .....	2,362	57.4	2,342	1,898	444	18.9	1,750	563	1,021	11	155
20 to 64 years .....	31,718	53.7	31,651	29,118	2,533	8.0	27,357	24,694	1,029	477	1,158
20 to 24 years .....	6,013	63.4	5,967	5,173	794	13.3	3,476	2,484	770	22	200
25 to 54 years .....	21,459	54.7	21,438	19,898	1,540	7.2	17,800	16,691	255	259	594
25 to 29 years .....	4,733	56.2	4,720	4,278	443	9.4	3,682	3,437	99	30	115
30 to 34 years .....	3,598	51.3	3,595	3,296	299	8.3	3,414	3,220	74	30	89
35 to 39 years .....	3,216	54.4	3,214	3,005	209	6.5	2,693	2,563	36	31	63
40 to 44 years .....	3,243	56.8	3,242	3,057	185	5.7	2,466	2,316	23	40	86
45 to 49 years .....	3,350	55.5	3,350	3,143	207	6.2	2,687	2,517	17	45	107
50 to 54 years .....	3,318	53.7	3,318	3,120	198	6.0	2,859	2,637	7	82	133
55 to 64 years .....	4,246	41.1	4,246	4,047	199	4.7	6,082	5,519	3	197	363
55 to 59 years .....	2,584	47.4	2,584	2,467	117	4.5	2,867	2,604	2	97	164
60 to 64 years .....	1,662	34.1	1,662	1,580	82	4.9	3,215	2,915	1	99	199
65 years and over .....	1,061	8.5	1,061	998	63	5.9	11,393	9,456	5	650	1,281
65 to 69 years .....	642	14.6	642	589	53	8.3	3,762	3,257	--	108	398
70 years and over .....	419	5.2	419	409	10	2.3	7,631	6,199	6	542	884
<b>White</b>											
16 years and over .....	31,922	45.6	31,850	29,149	2,700	8.5	38,126	31,284	3,559	910	2,372
16 to 21 years .....	5,584	53.8	5,547	4,642	905	16.3	4,790	1,319	3,169	17	284
16 to 19 years .....	3,424	49.1	3,407	2,816	591	17.3	3,555	630	2,720	12	194
16 to 17 years .....	1,334	38.3	1,334	1,090	244	18.3	2,146	166	1,909	1	71
18 to 19 years .....	2,091	59.7	2,074	1,726	347	16.7	1,409	464	811	11	123
20 to 64 years .....	27,541	53.3	27,486	25,434	2,050	7.5	24,173	21,977	835	363	997
20 to 24 years .....	5,234	64.5	5,196	4,580	617	11.9	2,884	2,077	636	13	158
25 to 54 years .....	18,491	53.9	18,473	17,219	1,254	6.8	15,786	14,890	196	193	508
25 to 34 years .....	7,074	52.9	7,060	6,482	579	8.2	6,287	5,937	126	46	177
35 to 44 years .....	5,530	54.9	5,528	5,203	324	5.9	4,544	4,315	48	57	123
45 to 54 years .....	5,886	54.3	5,885	5,534	351	6.0	4,956	4,637	22	90	207
55 to 64 years .....	3,815	40.9	3,815	3,635	180	4.7	5,503	5,010	3	157	332
55 to 59 years .....	2,313	47.0	2,313	2,206	107	4.6	2,607	2,376	2	78	150
60 to 64 years .....	1,503	34.2	1,503	1,429	73	4.9	2,897	2,634	1	79	182
65 years and over .....	957	8.4	957	899	59	6.1	10,397	8,677	5	535	1,181
<b>Negro and other races</b>											
16 years and over .....	4,687	48.3	4,673	4,042	631	13.5	5,016	3,652	816	231	317
16 to 21 years .....	721	39.6	713	471	242	34.0	1,100	302	710	5	82
16 to 19 years .....	407	32.7	403	259	144	35.8	836	156	622	2	56
16 to 17 years .....	135	21.4	135	87	48	35.4	495	57	412	1	25
18 to 19 years .....	272	44.4	268	172	97	36.0	341	99	210	1	31
20 to 64 years .....	4,177	56.7	4,166	3,683	482	11.6	3,184	2,717	193	113	159
20 to 24 years .....	779	56.8	770	593	177	23.0	592	407	134	9	42
25 to 54 years .....	2,968	59.6	2,965	2,679	286	9.6	2,013	1,801	59	66	86
25 to 34 years .....	1,257	60.9	1,255	1,092	162	12.9	809	720	47	15	28
35 to 44 years .....	928	60.2	928	858	70	7.5	615	564	11	14	26
45 to 54 years .....	782	57.0	782	728	54	6.9	589	518	2	37	33
55 to 64 years .....	431	42.7	431	412	19	4.4	579	509	--	39	31
55 to 59 years .....	271	51.0	271	261	10	3.7	261	228	--	19	14
60 to 64 years .....	159	33.4	159	151	9	5.5	318	281	--	20	17
65 years and over .....	104	9.4	104	100	4	3.9	996	779	1	116	101

## A-4. Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
<b>MALES</b>								
16 years and over	56,833	57,340	78.8	78.2	54,666	55,246	78.2	77.6
16 to 19 years	4,902	4,906	59.1	58.4	4,539	4,533	57.2	56.5
16 to 17 years	1,980	1,953	46.9	46.1	1,947	1,914	46.5	45.6
18 to 19 years	2,922	2,954	71.8	70.9	2,592	2,618	69.3	68.4
20 to 24 years	7,994	8,111	86.4	85.4	7,135	7,323	85.0	84.0
25 to 54 years	35,014	35,397	94.8	94.5	34,070	34,466	94.7	94.4
25 to 34 years	13,909	14,344	95.9	95.3	13,310	13,741	95.7	95.1
35 to 44 years	10,614	10,564	96.1	95.7	10,310	10,273	96.0	95.6
45 to 54 years	10,490	10,489	92.2	92.3	10,450	10,452	92.2	92.3
55 to 64 years	7,013	6,982	77.3	75.9	7,010	6,980	77.3	75.9
55 to 59 years	4,129	4,148	85.3	83.9	4,128	4,147	85.3	83.9
60 to 64 years	2,883	2,833	68.2	66.6	2,883	2,833	68.2	66.6
65 years and over	1,910	1,944	22.3	22.2	1,910	1,944	22.3	22.2
<b>White</b>								
16 years and over	50,909	51,375	79.5	79.0	49,065	49,623	78.9	78.5
16 to 19 years	4,397	4,403	61.9	61.3	4,096	4,097	60.2	59.6
16 to 17 years	1,816	1,787	50.4	49.6	1,787	1,754	50.0	49.1
18 to 19 years	2,582	2,616	73.7	73.2	2,310	2,344	71.5	71.0
20 to 24 years	7,006	7,102	86.9	86.0	6,282	6,459	85.6	84.8
25 to 54 years	31,361	31,700	95.4	95.2	30,545	30,899	95.3	95.1
25 to 34 years	12,385	12,783	96.3	95.8	11,869	12,267	96.2	95.7
35 to 44 years	9,473	9,436	96.7	96.5	9,210	9,186	96.6	96.4
45 to 54 years	9,504	9,481	93.0	93.1	9,467	9,447	93.0	93.0
55 to 64 years	6,416	6,390	78.0	76.7	6,414	6,389	78.0	76.7
55 to 59 years	3,792	3,796	86.0	84.6	3,790	3,795	86.0	84.6
60 to 64 years	2,624	2,594	68.7	67.4	2,624	2,594	68.7	67.4
65 years and over	1,729	1,779	22.3	22.5	1,729	1,779	22.3	22.5
<b>Negro and other races</b>								
16 years and over	5,923	5,965	73.3	71.8	5,601	5,623	72.2	70.6
16 to 19 years	505	503	42.5	41.3	443	436	39.4	37.8
16 to 17 years	165	166	26.6	26.4	160	161	26.1	25.8
18 to 19 years	340	337	59.9	57.2	282	275	55.4	52.1
20 to 24 years	988	1,009	82.9	81.3	853	864	80.7	78.9
25 to 54 years	3,652	3,697	90.1	89.0	3,527	3,566	89.8	88.7
25 to 34 years	1,524	1,562	92.8	90.7	1,442	1,474	92.4	90.2
35 to 44 years	1,142	1,128	91.4	89.8	1,101	1,087	91.1	89.4
45 to 54 years	987	1,008	84.8	85.8	984	1,005	84.8	85.8
55 to 64 years	597	592	70.8	68.9	597	591	70.8	68.9
55 to 59 years	338	352	77.5	77.2	337	352	77.5	77.2
60 to 64 years	259	239	63.8	59.4	259	239	63.8	59.4
65 years and over	182	165	22.6	19.8	182	165	22.6	19.8

## A-4. Labor force by sex, age, and color—Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
<b>FEMALES</b>								
16 years and over . . . . .	35,326	36,609	45.1	45.9	35,263	36,523	45.0	45.8
16 to 19 years . . . . .	3,655	3,831	45.0	46.6	3,640	3,810	44.9	46.5
16 to 17 years . . . . .	1,483	1,468	36.2	35.7	1,484	1,468	36.2	35.7
18 to 19 years . . . . .	2,172	2,362	54.0	57.4	2,157	2,342	53.8	57.2
20 to 24 years . . . . .	5,698	6,013	61.5	63.4	5,666	5,967	61.4	63.2
25 to 54 years . . . . .	20,792	21,459	53.7	54.7	20,777	21,438	53.7	54.6
25 to 34 years . . . . .	7,721	8,331	52.0	54.0	7,709	8,315	51.9	54.0
35 to 44 years . . . . .	6,330	6,459	54.5	55.6	6,327	6,456	54.5	55.6
45 to 54 years . . . . .	6,742	6,669	55.1	54.6	6,741	6,667	55.1	54.6
55 to 64 years . . . . .	4,177	4,246	41.0	41.1	4,177	4,246	41.0	41.1
55 to 59 years . . . . .	2,535	2,584	47.5	47.4	2,535	2,584	47.5	47.4
60 to 64 years . . . . .	1,642	1,662	33.8	34.1	1,642	1,662	33.8	34.1
65 years and over . . . . .	1,003	1,061	8.3	8.5	1,003	1,061	8.3	8.5
<b>White</b>								
16 years and over . . . . .	30,786	31,922	44.6	45.6	30,732	31,850	44.6	45.5
16 to 19 years . . . . .	3,286	3,424	47.6	49.1	3,274	3,407	47.5	48.9
16 to 17 years . . . . .	1,358	1,334	39.1	38.3	1,358	1,334	39.1	38.3
18 to 19 years . . . . .	1,928	2,091	56.2	59.7	1,916	2,074	56.0	59.5
20 to 24 years . . . . .	4,957	5,234	62.4	64.5	4,929	5,196	62.3	64.3
25 to 54 years . . . . .	17,894	18,491	52.8	53.9	17,881	18,473	52.8	53.9
25 to 34 years . . . . .	6,538	7,074	50.7	52.9	6,528	7,060	50.7	52.9
35 to 44 years . . . . .	5,394	5,530	53.5	54.9	5,391	5,528	53.5	54.9
45 to 54 years . . . . .	5,962	5,886	54.8	54.3	5,961	5,885	54.7	54.3
55 to 64 years . . . . .	3,750	3,815	40.7	40.9	3,750	3,815	40.7	40.9
55 to 59 years . . . . .	2,269	2,313	47.0	47.0	2,268	2,313	47.0	47.0
60 to 64 years . . . . .	1,482	1,503	33.9	34.2	1,482	1,503	33.9	34.2
65 years and over . . . . .	897	957	8.1	8.4	897	957	8.1	8.4
<b>Negro and other races</b>								
16 years and over . . . . .	4,540	4,687	48.2	48.3	4,531	4,673	48.2	48.2
16 to 19 years . . . . .	369	407	30.5	32.7	367	403	30.3	32.5
16 to 17 years . . . . .	125	135	20.2	21.4	125	135	20.2	21.4
18 to 19 years . . . . .	244	272	41.2	44.4	241	268	41.0	44.0
20 to 24 years . . . . .	741	779	56.1	56.8	735	770	55.9	56.5
25 to 54 years . . . . .	2,898	2,968	59.8	59.6	2,896	2,965	59.7	59.6
25 to 34 years . . . . .	1,182	1,257	60.2	60.9	1,181	1,255	60.2	60.8
35 to 44 years . . . . .	936	928	61.1	60.2	935	928	61.1	60.2
45 to 54 years . . . . .	780	782	57.6	57.0	780	782	57.6	57.0
55 to 64 years . . . . .	427	431	43.3	42.7	427	431	43.3	42.7
55 to 59 years . . . . .	266	271	52.5	51.0	266	271	52.5	51.0
60 to 64 years . . . . .	160	159	33.5	33.4	160	159	33.5	33.4
65 years and over . . . . .	106	104	10.1	9.4	106	104	10.1	9.4



## A-5. Employment status of the noninstitutional population by sex, age, and color

[Numbers in thousands]

Employment status and color	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
<b>TOTAL</b>								
Total noninstitutional population	150,507	153,051	63,804	64,901	70,295	71,529	16,408	16,621
Total labor force	92,159	93,949	51,931	52,434	31,670	32,779	8,557	8,737
Percent of population	61.2	61.4	81.4	80.8	45.1	45.8	52.2	52.6
Civilian labor force	89,929	91,768	50,127	50,713	31,623	32,712	8,180	8,343
Employed	85,785	84,146	48,539	47,240	30,149	30,116	7,099	6,790
Agriculture	3,604	3,622	2,571	2,499	575	596	459	526
Nonagricultural industries	82,181	80,524	45,968	44,741	29,574	29,520	6,639	6,263
Unemployed	4,144	7,623	1,588	3,473	1,474	2,596	1,082	1,553
Percent of labor force	4.6	8.3	3.2	6.8	4.7	7.9	13.2	18.6
Not in labor force	58,349	59,101	11,873	12,467	38,625	38,750	7,850	7,883
<b>White</b>								
Total noninstitutional population	133,011	135,041	56,913	57,814	62,087	63,068	14,011	14,159
Total labor force	81,695	83,297	46,512	46,971	27,499	28,498	7,684	7,828
Percent of population	61.4	61.7	81.7	81.2	44.3	45.2	54.8	55.3
Civilian labor force	79,797	81,473	44,969	45,526	27,458	28,443	7,370	7,504
Employed	76,488	75,216	43,679	42,642	26,293	26,333	6,515	6,241
Agriculture	3,295	3,227	2,343	2,294	528	549	423	485
Nonagricultural industries	73,193	71,889	41,336	40,349	25,765	25,785	6,092	5,756
Unemployed	3,309	6,257	1,290	2,884	1,164	2,109	855	1,264
Percent of labor force	4.1	7.7	2.9	6.3	4.2	7.4	11.6	16.8
Not in labor force	51,316	51,744	10,401	10,843	34,588	34,570	6,327	6,332
<b>Negro and other races</b>								
Total noninstitutional population	17,496	18,010	6,891	7,087	8,208	8,461	2,396	2,461
Total labor force	10,464	10,653	5,419	5,462	4,171	4,281	873	910
Percent of population	59.8	59.2	78.6	77.1	50.8	50.6	36.4	37.0
Civilian labor force	10,131	10,295	5,158	5,187	4,164	4,270	809	839
Employed	9,297	8,930	4,860	4,597	3,855	3,783	582	549
Agriculture	309	295	227	206	46	47	35	42
Nonagricultural industries	8,989	8,635	4,632	4,392	3,809	3,736	547	507
Unemployed	834	1,366	298	589	309	486	227	290
Percent of labor force	8.2	13.3	5.8	11.4	7.4	11.4	28.1	34.6
Not in labor force	7,032	7,357	1,472	1,625	4,037	4,180	1,523	1,552

## A-6. Employment status of the noninstitutional population 16-21 years of age by color and sex

[Numbers in thousands]

Employment status	May 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,636	12,442	12,194	21,048	10,675	10,373	3,588	1,768	1,820
Total labor force	14,486	8,182	6,305	12,836	7,252	5,584	1,650	930	721
Percent of population	58.8	65.8	51.7	61.0	67.9	53.8	46.0	52.6	39.6
Civilian labor force	13,673	7,413	6,260	12,173	6,625	5,547	1,500	787	713
Employed	11,194	6,081	5,113	10,189	5,547	4,642	1,005	535	471
Agriculture	695	583	111	644	548	96	51	35	16
Nonagricultural industries	10,500	5,498	5,002	9,545	4,999	4,547	954	499	455
Unemployed	2,478	1,331	1,147	1,984	1,079	905	495	253	242
Percent of labor force	18.1	18.0	18.3	16.3	16.3	16.3	33.0	32.1	34.0
Looking for full-time work	1,863	1,038	825	1,469	839	630	394	199	195
Looking for part-time work	615	293	322	514	240	275	101	54	47
Not in labor force	10,150	4,261	5,889	8,212	3,423	4,790	1,938	838	1,100
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	4,152	2,291	1,861	3,789	2,094	1,695	363	198	166
Employed	3,364	1,871	1,493	3,135	1,749	1,386	228	122	107
Agriculture	283	242	41	269	231	38	13	11	3
Nonagricultural industries	3,081	1,629	1,452	2,866	1,518	1,348	215	111	104
Unemployed	788	420	368	654	345	309	135	76	59
Percent of labor force	19.0	18.3	19.8	17.2	16.5	18.2	37.1	38.4	35.7
Looking for full-time work	331	173	158	268	142	126	63	30	32
Looking for part-time work	458	248	210	386	202	183	72	45	27
Not in labor force	7,648	3,769	3,879	6,197	3,028	3,169	1,451	741	710
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	9,521	5,121	4,400	8,384	4,532	3,852	1,137	589	547
Employed	7,831	4,210	3,621	7,054	3,798	3,256	777	413	364
Agriculture	412	341	71	374	317	58	38	25	13
Nonagricultural industries	7,419	3,869	3,550	6,680	3,481	3,199	739	388	351
Unemployed	1,690	911	779	1,330	734	596	360	177	183
Percent of labor force	17.8	17.8	17.7	15.9	16.2	15.5	31.6	30.0	33.5
Looking for full-time work	1,532	865	667	1,201	697	504	331	168	162
Looking for part-time work	158	45	112	129	37	92	29	8	21
Not in labor force	2,502	492	2,010	2,015	395	1,620	487	97	389

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

[Numbers in thousands]

Color, sex, and age	May 1975								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part-time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Both sexes, 16 years and over	77,922	67,770	3,601	6,550	8.4	13,847	12,774	1,073	7.7
16 to 21 years	8,493	5,861	769	1,863	21.9	5,180	4,565	615	11.9
16 to 19 years	4,138	2,647	443	1,047	25.3	4,205	3,699	506	12.0
16 to 17 years	808	402	99	307	37.9	2,574	2,236	339	13.2
18 to 19 years	3,329	2,245	343	741	22.3	1,631	1,464	167	10.3
20 years and over	73,784	65,123	3,159	5,502	7.5	9,641	9,075	567	5.9
20 to 24 years	11,532	9,071	763	1,699	14.7	1,758	1,574	184	10.5
25 years and over	62,252	56,052	2,396	3,803	6.1	7,883	7,501	383	4.9
25 to 54 years	50,747	45,597	1,873	3,278	6.5	5,157	4,912	245	4.8
55 years and over	11,505	10,455	523	526	4.6	2,726	2,589	137	5.0
Males, 16 years and over	50,483	44,796	1,838	3,849	7.6	4,763	4,320	443	9.3
16 to 21 years	4,792	3,363	390	1,038	21.7	2,621	2,328	293	11.2
16 to 19 years	2,345	1,551	222	572	24.4	2,188	1,942	246	11.3
20 years and over	48,138	43,245	1,616	3,277	6.8	2,575	2,379	196	7.6
20 to 24 years	6,590	5,197	383	1,010	15.3	733	654	78	10.7
25 years and over	41,548	38,048	1,233	2,267	5.5	1,842	1,725	118	6.4
25 to 54 years	33,836	30,955	937	1,945	5.7	629	592	37	5.9
55 years and over	7,711	7,093	297	321	4.2	1,213	1,132	81	6.7
Females, 16 years and over	27,439	22,974	1,764	2,701	9.8	9,084	8,454	630	6.9
16 to 21 years	3,701	2,497	378	825	22.3	2,559	2,237	322	12.6
16 to 19 years	1,793	1,096	221	475	26.5	2,018	1,758	260	12.9
20 years and over	25,646	21,878	1,543	2,226	8.7	7,066	6,696	370	5.2
20 to 24 years	4,942	3,874	380	688	13.9	1,025	919	106	10.3
25 years and over	20,704	18,004	1,163	1,538	7.4	6,041	5,777	264	4.4
25 to 54 years	16,910	14,642	936	1,332	7.9	4,527	4,320	208	4.6
55 years and over	3,794	3,362	226	205	5.4	1,513	1,457	56	3.7
<b>White</b>									
Males, 16 years and over	45,344	40,598	1,555	3,191	7.0	4,280	3,915	365	8.5
16 to 21 years	4,230	3,035	357	839	19.8	2,395	2,156	240	10.0
16 to 19 years	2,064	1,392	200	471	22.8	2,033	1,832	201	9.9
20 years and over	43,280	39,206	1,354	2,720	6.3	2,246	2,082	164	7.3
20 to 24 years	5,823	4,665	339	819	14.1	636	569	67	10.5
25 years and over	37,457	34,541	1,015	1,901	5.1	1,610	1,513	97	6.0
25 to 54 years	30,367	27,987	762	1,618	5.3	533	500	33	6.2
55 years and over	7,091	6,553	253	283	4.0	1,078	1,014	64	5.9
Females, 16 years and over	23,598	20,053	1,392	2,152	9.1	8,252	7,704	548	6.6
16 to 21 years	3,194	2,251	313	630	19.7	2,353	2,078	275	11.7
16 to 19 years	1,551	998	189	365	23.5	1,856	1,630	226	12.2
20 years and over	22,046	19,055	1,203	1,788	8.1	6,396	6,074	322	5.0
20 to 24 years	4,251	3,427	297	527	12.4	945	856	89	9.5
25 years and over	17,795	15,628	906	1,261	7.1	5,451	5,218	233	4.3
25 to 54 years	14,353	12,551	729	1,073	7.5	4,120	3,940	181	4.4
55 years and over	3,443	3,077	178	187	5.4	1,330	1,279	51	3.8
<b>Negro and other races</b>									
Males, 16 years and over	5,139	4,199	283	658	12.8	483	406	78	16.0
16 to 21 years	562	329	34	199	35.4	225	172	54	23.8
16 to 19 years	281	160	21	100	35.7	155	109	45	29.2
20 years and over	4,858	4,039	262	557	11.5	329	296	32	9.8
20 to 24 years	768	532	44	191	24.9	97	86	11	11.7
25 years and over	4,090	3,507	218	366	8.9	232	210	21	9.1
25 to 54 years	3,469	2,967	175	328	9.5	96	92	4	4.2
55 years and over	621	540	44	38	6.1	135	119	17	12.6
Females, 16 years and over	3,841	2,921	372	549	14.3	832	750	82	9.9
16 to 21 years	507	246	65	195	38.4	206	159	47	23.0
16 to 19 years	241	98	33	111	45.8	162	128	34	20.8
20 years and over	3,600	2,823	339	438	12.2	670	622	48	7.2
20 to 24 years	691	447	83	161	23.3	80	63	16	20.6
25 years and over	2,909	2,376	256	277	9.5	590	559	32	5.4
25 to 54 years	2,559	2,092	207	260	10.2	407	380	27	6.6
55 years and over	351	285	48	18	5.1	184	178	5	2.7

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

## A-8. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
Total, 16 years and over .....	2,147	4,291	3.9	7.8	1,996	3,331	5.7	9.1
16 to 19 years .....	559	818	12.3	18.1	523	735	14.4	19.3
16 to 17 years .....	281	354	14.5	18.5	229	292	15.4	19.9
18 to 19 years .....	278	465	10.7	17.7	294	444	13.6	18.9
20 years and over .....	1,588	3,473	3.2	6.8	1,474	2,596	4.7	7.9
20 to 24 years .....	552	1,089	7.7	14.9	492	794	8.7	13.3
25 years and over .....	1,037	2,385	2.4	5.5	982	1,802	3.8	6.7
25 to 34 years .....	432	943	3.2	6.9	352	741	4.6	8.9
35 to 44 years .....	208	538	2.0	5.2	267	394	4.2	6.1
45 to 54 years .....	199	501	1.9	4.8	202	405	3.0	6.1
55 to 64 years .....	143	293	2.0	4.2	131	199	3.1	4.7
55 to 59 years .....	73	177	1.8	4.3	81	117	3.2	4.5
60 to 64 years .....	71	117	2.5	4.1	51	82	3.1	4.9
65 years and over .....	54	109	2.8	5.6	29	63	2.9	5.9
Household heads, 16 years and over .....	1,026	2,486	2.3	5.5	424	620	5.4	7.6
16 to 24 years .....	192	454	4.6	11.0	103	127	10.0	11.7
25 to 54 years .....	645	1,640	2.0	5.1	240	382	5.1	7.9
55 years and over .....	189	390	2.2	4.5	81	110	3.7	4.9

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

Marital status, sex, age, and color	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
Total, 16 years and over .....	2,147	4,291	3.9	7.8	1,996	3,331	5.7	9.1
Married, spouse present .....	817	2,154	2.0	5.4	824	1,594	4.0	7.6
Widowed, divorced, or separated .....	168	343	4.9	9.8	395	577	5.0	8.4
Single (never married) .....	1,163	1,794	10.2	15.3	777	1,160	9.4	13.3
White, 16 years and over .....	1,534	3,364	3.2	6.9	1,445	2,533	4.7	8.0
Married, spouse present .....	767	2,033	2.0	5.3	760	1,465	3.9	7.3
Widowed, divorced, or separated .....	146	324	4.7	10.0	360	524	6.0	8.5
Single (never married) .....	621	1,007	8.9	13.7	325	545	6.5	10.2
Negro and other races, 16 years and over .....	1,748	3,556	3.6	7.2	1,561	2,700	5.1	8.5
Married, spouse present .....	706	1,858	1.9	5.1	711	1,391	3.9	7.4
Widowed, divorced, or separated .....	112	247	4.1	8.8	277	423	5.2	7.7
Single (never married) .....	931	1,451	9.3	14.1	573	886	8.0	11.7
Total, 20 to 64 years of age .....	1,246	2,793	2.9	6.4	1,134	2,050	4.3	7.5
Married, spouse present .....	661	1,753	1.9	5.0	652	1,283	3.7	7.1
Widowed, divorced, or separated .....	98	232	4.0	9.1	250	379	5.3	7.7
Single (never married) .....	486	808	8.1	12.7	232	388	5.5	8.6
White, 20 to 64 years of age .....	399	735	7.1	13.1	435	631	9.6	13.5
Married, spouse present .....	111	296	3.2	8.5	113	203	5.4	9.3
Widowed, divorced, or separated .....	56	96	7.9	13.6	118	154	8.8	11.6
Single (never married) .....	232	343	16.6	23.9	204	274	18.9	23.4
Negro and other races, 20 to 64 years of age .....	288	572	5.8	11.4	309	482	7.6	11.6
Married, spouse present .....	106	280	3.2	8.4	108	182	5.3	8.7
Widowed, divorced, or separated .....	48	93	7.3	13.9	109	144	8.6	11.7
Single (never married) .....	134	199	13.7	19.8	92	157	12.1	18.8

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
Total	4,144	7,623	4.6	8.3	3.9	7.8	5.7	9.1
White-collar workers	1,203	2,134	2.8	4.8	1.8	3.6	3.8	6.1
Professional and technical	241	426	1.9	3.2	1.5	3.0	2.6	3.5
Managers and administrators, except farm	146	275	1.6	3.0	1.4	2.8	2.4	4.0
Sales workers	222	330	4.0	5.7	2.8	3.9	5.5	8.0
Clerical workers	594	1,103	3.9	6.9	2.7	6.3	4.3	7.1
Blue-collar workers	1,660	3,749	5.3	11.9	4.8	10.7	7.3	17.7
Craft and kindred workers	418	1,032	3.5	8.7	3.4	8.6	6.0	10.9
Carpenters and other construction craft	211	546	5.9	14.7	6.0	14.6	(1)	(1)
All other	207	486	2.5	6.0	2.2	5.7	6.1	10.0
Operatives, except transport	738	1,699	6.5	15.3	5.7	12.6	7.6	19.2
Transport equipment operatives	145	269	4.2	7.8	4.3	7.9	3.7	6.8
Nonfarm laborers	359	749	7.5	15.1	7.5	15.1	6.8	15.4
Construction laborers	132	255	13.4	25.4	13.2	25.0	(1)	(1)
All other	227	494	5.9	12.5	5.9	12.4	6.4	14.0
Service workers	683	933	5.7	7.5	5.6	8.1	5.8	7.2
Private household	47	66	3.6	5.3	(1)	7.3	3.5	5.3
All other	636	867	6.0	7.8	5.5	8.1	6.3	7.5
Farm workers	55	70	1.7	2.2	1.5	1.9	2.7	3.2
No previous work experience	543	736	--	--	--	--	--	--
16 to 19 years	397	546	--	--	--	--	--	--
20 to 24 years	105	130	--	--	--	--	--	--
25 years and over	40	60	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
Total	100.0	100.0	4.6	8.3	3.9	7.8	5.7	9.1
Nonagricultural private wage and salary workers	74.3	80.1	4.8	9.3	4.2	8.9	5.6	9.9
Mining	.6	.2	4.0	2.4	4.3	2.6	--	--
Construction	9.1	11.0	8.5	19.6	8.6	19.9	7.5	13.9
Manufacturing	23.4	32.3	4.5	11.7	3.6	9.4	6.6	17.1
Durable goods	12.9	19.9	4.2	12.1	3.6	10.1	6.3	19.0
Lumber and wood products	.7	1.3	4.0	14.9	4.2	14.3	2.6	19.9
Furniture and fixtures	.8	1.0	6.2	14.0	3.7	13.1	11.4	16.0
Stone, clay, and glass products	.7	1.0	4.7	11.6	4.6	10.4	4.9	16.4
Primary metal industries	.9	1.8	2.5	9.9	2.6	9.0	1.6	18.6
Fabricated metal products	1.6	2.6	4.4	13.2	4.2	11.3	5.1	20.7
Machinery, except electrical equipment	1.4	2.9	2.4	9.8	2.0	8.2	4.3	17.3
Electrical equipment	2.2	4.2	4.2	14.8	2.7	9.8	6.1	21.8
Transportation equipment	3.3	3.2	6.5	12.0	5.8	10.9	11.2	18.0
Automobiles	2.5	2.2	9.3	15.8	8.0	15.6	18.9	17.5
Other transportation equipment	.8	1.0	3.3	7.8	3.1	5.6	4.7	18.2
Instruments and related products	.2	.4	1.5	5.9	--	2.8	4.5	10.9
Other durable goods industries	1.2	1.5	6.7	15.5	6.1	13.0	7.7	20.0
Nondurable goods	10.5	12.4	5.0	11.1	3.8	8.1	6.9	15.6
Food and kindred products	3.2	2.4	7.4	10.2	5.4	7.6	12.6	16.9
Textile mill products	1.0	1.7	4.4	16.4	4.4	11.7	4.4	21.7
Apparel and other textile products	2.2	2.8	6.5	15.6	6.2	16.5	6.6	15.3
Paper and allied products	.4	.8	2.2	8.7	2.5	7.2	1.0	15.5
Printing and publishing	1.4	1.5	4.6	8.4	3.1	7.9	7.3	9.3
Chemicals and allied products	.3	1.2	.9	7.7	.3	5.9	2.6	13.0
Rubber and plastics products	1.3	1.2	7.0	13.2	5.8	8.3	9.1	22.0
Other nondurable goods industries	.8	.8	5.2	9.7	4.2	5.4	6.3	15.6
Transportation and public utilities	3.1	3.6	2.6	5.8	2.4	5.9	3.4	5.4
Railroads and railway express	.3	.2	2.3	2.6	2.0	3.1	(1)	(1)
Other transportation	2.2	2.5	4.1	8.7	3.9	8.9	5.0	7.8
Communication and other public utilities	.6	.9	1.1	3.5	.5	2.9	2.3	4.7
Wholesale and retail trade	22.1	17.8	5.8	8.2	4.7	7.2	7.2	9.4
Finance, insurance, and real estate	2.9	3.0	2.8	5.3	2.5	4.2	3.1	6.2
Service industries	13.2	12.2	4.1	6.6	3.6	6.6	4.4	6.6
Professional services	4.9	4.7	2.8	4.5	2.2	4.0	3.1	4.8
All other service industries	8.3	7.5	5.5	9.2	4.7	8.8	6.4	9.5
Agricultural wage and salary workers	1.7	1.2	4.8	6.6	4.5	6.3	6.2	8.0
All other classes of workers	10.9	9.0	1.9	2.9	1.5	2.6	2.6	3.3
No previous work experience	13.1	9.7	--	--	--	--	--	--

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

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

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands	4,144	7,623	1,588	3,473	1,474	2,596	1,082	1,553	3,309	6,257	834	1,366
Job losers	1,726	4,391	969	2,578	569	1,406	188	407	1,368	3,645	358	745
Job leavers	566	705	224	273	237	329	106	103	475	594	91	111
Reentrants	1,313	1,795	348	543	571	751	393	500	1,042	1,459	271	335
New entrants	538	733	47	79	97	110	394	543	423	559	115	174
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
Job losers	41.7	57.6	61.0	74.2	38.6	54.1	17.4	26.2	41.3	58.2	42.9	54.6
Job leavers	13.7	9.2	14.1	7.9	16.1	12.7	9.8	6.6	14.4	9.5	10.9	8.1
Reentrants	31.7	23.5	21.9	15.6	38.8	28.9	36.4	32.2	31.5	23.3	32.5	24.6
New entrants	13.0	9.6	2.9	2.1	6.6	4.3	36.5	35.0	12.8	8.9	13.7	12.7
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate	4.6	8.3	3.2	6.8	4.7	7.9	13.2	18.6	4.1	7.7	8.2	13.3
Job loser rate <sup>1</sup>	1.9	4.8	1.9	5.1	1.5	4.3	2.3	4.9	1.7	4.4	3.5	7.3
Job leaver rate <sup>1</sup>	.6	.8	.4	.5	.7	1.0	1.3	1.2	.6	.7	.9	1.1
Reentrant rate <sup>1</sup>	1.5	2.0	.7	1.1	1.8	2.3	4.8	6.0	1.3	1.8	2.7	3.3
New entrant rate <sup>1</sup>	.6	.8	.1	.2	.3	.3	4.8	6.5	.5	.7	1.1	1.7

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

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

[Percent distribution]

Reason, sex, and age	May 1975						
	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	7,623	100.0	34.7	27.0	33.3	23.1	15.2
Job losers	4,391	100.0	25.7	28.0	46.3	29.5	16.8
Job leavers	705	100.0	36.4	25.6	35.1	17.8	20.3
Reentrants	1,795	100.0	50.1	25.0	24.9	14.8	10.1
New entrants	733	100.0	49.2	26.6	24.2	10.8	13.4
Males, 20 years and over	3,473	100.0	26.8	27.3	45.9	27.6	18.3
Job losers	2,578	100.0	22.5	28.6	48.9	30.8	18.1
Job leavers	273	100.0	31.4	26.6	42.0	19.7	22.3
Reentrants	543	100.0	44.0	22.8	33.1	18.6	14.5
New entrants	79	100.0	34.2	17.7	48.1	12.7	35.4
Females, 20 years and over	2,596	100.0	36.6	26.1	37.2	21.6	15.4
Job losers	1,406	100.0	29.0	26.8	44.2	26.7	17.5
Job leavers	329	100.0	36.2	24.9	38.9	18.2	20.7
Reentrants	751	100.0	48.5	26.0	25.5	15.0	10.5
New entrants	110	100.0	55.5	20.0	24.6	17.3	7.3
Both sexes, 16 to 19 years	1,553	100.0	49.2	27.7	23.2	15.4	7.8
Job losers	407	100.0	35.2	28.9	36.0	30.6	5.4
Job leavers	103	100.0	51.0	24.5	24.5	10.8	13.7
Reentrants	500	100.0	59.0	25.6	15.4	10.6	4.8
New entrants	543	100.0	50.3	29.1	20.6	9.2	11.4

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

Sex, age, and color	May 1975								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,623	5,776	31.0	7.8	71.6	29.4	14.1	6.7	1.61
16 to 19 years	1,553	1,395	21.1	4.6	80.2	22.0	13.0	4.2	1.45
20 to 24 years	1,883	1,440	32.2	7.6	70.6	31.2	13.4	4.9	1.60
25 to 34 years	1,685	1,229	39.0	9.3	69.7	34.3	13.7	6.9	1.73
35 to 44 years	933	655	36.6	10.8	74.2	31.3	18.2	7.6	1.79
45 to 54 years	905	584	37.5	9.8	65.6	30.8	13.5	9.4	1.67
55 to 64 years	492	344	22.4	7.6	64.0	27.6	14.5	16.6	1.53
65 years and over	171	130	14.6	7.7	59.2	30.0	20.0	9.2	1.41
Males, 16 years and over	4,291	3,162	33.4	7.1	72.7	28.6	15.3	8.8	1.66
16 to 19 years	818	725	22.2	2.9	80.6	24.7	15.0	3.9	1.49
20 to 24 years	1,089	805	34.0	6.6	73.4	29.1	14.7	6.2	1.64
25 to 34 years	943	649	41.8	9.6	70.7	31.3	14.8	9.6	1.78
35 to 44 years	538	365	44.1	9.9	76.7	31.8	20.8	9.0	1.92
45 to 54 years	501	324	41.7	9.3	63.0	29.0	12.3	15.7	1.71
55 to 64 years	293	204	19.1	7.4	62.3	25.5	13.7	22.1	1.50
65 years and over	109	90	16.7	8.9	61.1	28.9	21.1	8.9	1.46
Females, 16 years and over	3,331	2,615	28.1	8.6	70.2	30.3	12.6	4.2	1.54
16 to 19 years	735	670	19.9	6.4	79.9	19.1	10.7	4.5	1.41
20 to 24 years	794	635	29.8	9.0	66.9	33.9	11.8	3.1	1.55
25 to 34 years	741	580	35.9	9.0	68.4	37.6	12.4	4.0	1.67
35 to 44 years	394	290	27.2	12.1	70.7	31.0	14.8	5.5	1.61
45 to 54 years	405	260	32.3	10.4	61.2	33.1	15.0	1.5	1.54
55 to 64 years	199	140	27.1	7.9	67.1	30.7	15.7	8.6	1.57
65 years and over	63	40	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White	6,257	4,673	29.3	7.9	71.9	30.0	14.0	6.8	1.60
Males	3,556	2,594	32.4	7.6	72.4	29.3	14.9	9.2	1.66
Females	2,700	2,079	25.5	8.3	71.4	31.0	12.9	3.8	1.53
Negro and other races	1,366	1,104	38.0	7.2	70.1	26.5	14.5	6.2	1.63
Males	735	568	37.9	4.8	74.5	25.4	17.4	6.7	1.67
Females	631	536	38.2	9.9	65.5	27.8	11.6	5.4	1.58

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

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

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

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

Sex and reason	May 1975								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,623	5,776	31.0	7.8	71.6	29.4	14.1	6.7	1.61
Job losers	4,391	2,720	38.3	9.6	68.7	32.1	15.6	8.3	1.73
Job leavers	705	679	32.3	6.2	73.0	33.7	11.8	4.9	1.62
Reentrants	1,795	1,665	23.3	6.4	72.0	27.1	13.2	5.0	1.47
New entrants	733	712	19.8	5.6	80.3	19.8	12.6	5.9	1.44
Males, 16 years and over	4,291	3,162	33.4	7.1	72.7	28.6	15.3	8.8	1.66
Job losers	2,860	1,822	37.8	8.9	69.7	31.0	16.1	10.9	1.74
Job leavers	322	309	35.3	5.2	72.8	27.8	11.3	6.8	1.59
Reentrants	787	714	26.2	3.5	77.9	25.4	15.3	5.3	1.54
New entrants	323	317	22.4	6.9	78.2	22.7	14.8	6.0	1.51
Females, 16 years and over	3,331	2,615	28.1	8.6	70.2	30.3	12.6	4.2	1.54
Job losers	1,531	899	39.5	11.1	66.6	34.5	14.6	3.1	1.69
Job leavers	383	370	29.7	7.0	73.2	38.9	12.4	3.2	1.64
Reentrants	1,007	952	21.2	8.4	67.4	28.5	11.6	4.9	1.42
New entrants	410	395	17.5	4.8	82.0	17.5	10.9	5.8	1.39

NOTE: See note, table A-14.

## A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
Total .....	4,144	7,623	100.0	100.0	1,451	3,105	100.0	100.0
Less than 5 weeks .....	2,094	2,645	50.5	34.7	599	850	41.3	27.4
5 to 14 weeks .....	1,080	2,054	26.1	26.9	409	863	28.2	27.8
5 to 10 weeks .....	796	1,424	19.2	18.7	308	584	21.2	18.8
11 to 14 weeks .....	284	630	6.9	8.3	101	280	7.0	9.0
15 weeks and over .....	970	2,923	23.4	38.3	443	1,392	30.5	44.8
15 to 26 weeks .....	593	1,764	14.3	23.1	259	832	17.8	26.8
27 weeks and over .....	377	1,159	9.1	15.2	183	560	12.6	18.0
Average (mean) duration .....	10.6	14.8	--	--	13.2	16.7	---	--

## A-17. Unemployed persons by duration, sex, age, color, and marital status

Sex, age, color, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		May 1974	May 1975	May 1974	May 1975
	May 1975						May 1974	May 1975	May 1974	May 1975
Total, 16 years and over .....	7,623	2,645	2,054	1,764	1,159	14.8	50.5	34.7	23.4	38.3
16 to 21 years .....	2,478	1,160	662	449	208	10.8	61.3	46.8	14.7	26.5
16 to 19 years .....	1,553	764	430	239	121	10.2	62.9	49.2	13.6	23.2
20 to 24 years .....	1,883	704	524	439	215	13.0	52.4	37.4	21.5	34.8
25 to 34 years .....	1,685	521	437	446	280	15.3	44.9	30.9	25.7	43.1
35 to 44 years .....	933	242	266	249	176	17.5	48.0	25.9	27.5	45.6
45 to 54 years .....	905	239	240	242	184	18.7	39.5	26.4	33.1	47.1
55 to 64 years .....	492	131	120	101	140	20.5	35.9	26.6	35.7	49.0
65 years and over .....	171	45	37	48	42	22.2	35.4	26.0	42.6	52.2
Males, 16 years and over .....	4,291	1,317	1,154	1,120	700	15.9	45.1	30.7	29.6	42.4
16 to 21 years .....	1,331	578	332	298	123	12.1	55.6	43.4	19.7	31.6
16 to 19 years .....	881	386	208	162	63	11.0	56.7	47.1	18.7	27.5
20 to 24 years .....	1,089	348	294	297	150	14.9	49.0	32.0	27.7	41.1
25 to 34 years .....	943	268	246	265	164	16.0	36.5	28.5	33.2	45.5
35 to 44 years .....	538	118	163	140	117	18.5	40.9	22.0	33.8	47.7
45 to 54 years .....	501	112	136	151	102	19.6	37.6	22.4	42.0	50.5
55 to 64 years .....	293	59	80	75	79	20.9	32.7	20.1	41.6	52.6
65 years and over .....	109	26	28	30	25	19.6	(1)	23.6	(1)	50.6
Females, 16 years and over .....	3,331	1,328	900	644	459	13.5	56.4	39.9	16.7	33.1
16 to 21 years .....	1,147	581	330	150	85	9.3	67.3	50.7	9.5	20.5
16 to 19 years .....	735	378	222	77	58	9.3	69.5	51.4	8.1	18.4
20 to 24 years .....	794	356	230	142	65	10.4	56.1	44.9	14.5	26.1
25 to 34 years .....	741	253	192	181	116	14.4	55.2	34.1	16.6	40.0
35 to 44 years .....	394	123	103	109	60	16.1	53.5	31.3	22.7	42.7
45 to 54 years .....	405	127	104	91	82	17.6	41.4	31.4	24.4	42.9
55 to 64 years .....	199	72	40	26	61	19.9	39.5	36.2	29.2	43.6
65 years and over .....	63	19	9	18	17	26.8	(1)	(1)	(1)	(1)
White .....	6,257	2,197	1,703	1,405	952	14.6	51.5	35.1	22.3	37.7
Males .....	3,556	1,136	947	902	572	15.5	46.9	31.9	28.2	41.4
Females .....	2,700	1,061	756	503	380	13.5	56.7	39.3	15.8	32.7
Negro and other races .....	1,366	449	351	359	207	15.8	46.7	32.9	27.6	41.4
Males .....	735	182	207	218	128	17.8	37.0	24.7	36.2	47.1
Females .....	631	267	144	140	79	13.4	55.5	42.4	19.8	34.8
Males:										
Married, spouse present .....	2,154	536	616	620	381	16.7	40.7	24.9	33.1	46.5
Widowed, divorced, or separated .....	343	71	74	105	93	21.5	34.0	20.8	36.7	57.7
Single (never married) .....	1,794	709	465	395	226	14.0	49.7	39.5	26.2	34.6
Females:										
Married, spouse present .....	1,594	562	415	347	270	15.4	55.4	35.2	16.5	38.8
Widowed, divorced, or separated .....	577	208	145	141	84	15.1	48.4	36.0	23.3	38.9
Single (never married) .....	1,160	559	340	156	105	9.9	61.6	48.2	13.6	22.5

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

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

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		May 1974	May 1975	May 1974	May 1975
	May 1975									
<b>OCCUPATION</b>										
White-collar workers	2,134	750	588	443	354	15.3	51.1	35.2	22.4	37.3
Professional and managerial	701	218	187	162	134	17.5	45.0	31.1	29.5	42.2
Sales workers	330	124	83	85	38	13.9	60.2	37.7	14.7	37.2
Clerical workers	1,103	408	317	196	182	14.4	51.8	37.0	20.6	34.3
Blue-collar workers	3,749	1,069	1,012	1,080	589	15.8	45.1	28.5	26.5	44.5
Craft and kindred workers	1,032	280	271	289	191	16.7	47.8	27.2	27.1	46.5
Operatives, except transport	1,699	484	466	495	254	15.3	44.2	28.5	26.0	44.1
Transport equipment operatives	269	73	92	75	29	14.3	30.3	27.2	31.7	38.7
Nonfarm laborers	749	231	182	220	115	16.1	49.8	30.8	24.7	44.8
Service workers	933	416	248	150	119	12.4	52.1	44.6	20.7	28.8
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	92	55	11	21	5	9.2	(2)	60.4	(2)	27.7
Construction	860	240	198	273	150	16.6	49.9	28.0	27.4	49.1
Manufacturing	2,472	685	677	723	387	15.6	42.6	27.7	25.8	44.9
Durable goods	1,524	393	438	461	232	15.7	41.0	25.8	24.3	45.5
Nondurable goods	948	292	239	263	155	15.6	44.5	30.8	27.6	44.0
Transportation and public utilities	314	93	108	65	48	15.6	33.0	29.5	32.0	36.2
Wholesale and retail trade	1,369	477	388	310	194	14.4	51.5	34.8	24.4	36.8
Finance and service industries	1,460	615	386	245	212	13.9	53.3	42.1	19.6	31.4
Public administration	189	57	59	31	43	17.5	44.8	30.1	21.0	39.0
No previous work experience	736	362	196	81	97	12.8	63.0	49.2	20.0	24.2

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

<sup>2</sup> Percent not shown where base is less than 75,000.

**A-19. Employed persons by sex and age**

[In thousands]

Age and type of industry	Total		Males		Females	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
All industries	85,785	84,146	52,519	50,954	33,267	33,192
16 to 19 years	7,098	6,790	3,980	3,715	3,118	3,075
16 to 17 years	2,921	2,737	1,666	1,561	1,255	1,177
18 to 19 years	4,177	4,052	2,314	2,154	1,863	1,898
20 to 24 years	11,756	11,407	6,583	6,234	5,173	5,173
25 to 54 years	53,187	52,382	33,232	32,483	19,956	19,898
25 to 34 years	20,235	20,372	12,878	12,798	7,357	7,574
35 to 44 years	16,163	15,796	10,102	9,734	6,060	6,062
45 to 54 years	16,790	16,214	10,251	9,951	6,539	6,263
55 to 64 years	10,913	10,734	6,867	6,687	4,046	4,047
55 to 59 years	6,509	6,437	4,055	3,970	2,454	2,467
60 to 64 years	4,404	4,297	2,812	2,717	1,592	1,580
65 years and over	2,830	2,834	1,856	1,836	974	998
Nonagricultural industries	82,181	80,524	49,554	48,008	32,628	32,516
16 to 19 years	6,639	6,263	3,586	3,267	3,053	2,996
16 to 17 years	2,654	2,465	1,441	1,322	1,213	1,143
18 to 19 years	3,985	3,798	2,145	1,946	1,841	1,852
20 to 24 years	11,372	11,060	6,247	5,949	5,125	5,111
25 to 54 years	51,438	50,621	31,866	31,113	19,572	19,509
25 to 34 years	19,715	19,807	12,453	12,360	7,261	7,447
35 to 44 years	15,603	15,253	9,671	9,321	5,932	5,932
45 to 54 years	16,121	15,562	9,742	9,432	6,379	6,129
55 to 64 years	10,319	10,100	6,375	6,170	3,944	3,930
55 to 59 years	6,199	6,089	3,804	3,699	2,395	2,390
60 to 64 years	4,121	4,011	2,571	2,471	1,549	1,540
65 years and over	2,412	2,479	1,479	1,509	933	970
Agriculture	3,604	3,622	2,965	2,946	639	675
16 to 19 years	459	526	394	447	64	79
16 to 17 years	267	272	225	239	42	33
18 to 19 years	192	254	170	208	22	46
20 to 24 years	385	347	336	285	49	62
25 to 54 years	1,749	1,759	1,365	1,370	384	390
25 to 34 years	520	565	425	438	96	127
35 to 44 years	560	542	432	413	128	129
45 to 54 years	669	652	509	519	160	133
55 to 64 years	593	634	492	517	101	117
55 to 59 years	310	349	251	271	59	77
60 to 64 years	283	285	241	246	42	40
65 years and over	418	355	377	327	41	28



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

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
	<b>TOTAL</b> .....	85,785	84,146	48,539	47,240	30,149	30,116	3,980	3,715	3,117
<b>White-collar workers</b> .....	41,461	41,882	20,449	20,469	18,751	19,208	669	668	1,594	1,537
Professional and technical .....	12,297	12,767	7,136	7,305	5,003	5,294	95	102	63	65
Health workers .....	2,092	2,132	786	759	1,289	1,362	5	--	12	9
Teachers, except college .....	3,162	3,209	966	921	2,174	2,254	4	7	17	26
Other professional and technical .....	7,043	7,426	5,384	5,625	1,540	1,678	86	95	34	30
Managers and administrators, except farm .....	9,136	8,882	7,411	7,162	1,659	1,647	46	49	20	24
Salaried workers .....	7,197	7,113	5,825	5,736	1,311	1,306	41	48	20	24
Self-employed workers in retail trade .....	952	902	708	680	241	220	3	1	--	--
Self-employed workers, except retail trade .....	987	867	878	746	108	121	2	--	--	--
Sales workers .....	5,364	5,455	2,798	2,912	1,953	1,926	245	244	368	373
Retail trade .....	3,040	3,089	898	957	1,591	1,566	206	203	345	362
Other industries .....	2,324	2,366	1,900	1,955	362	359	39	40	23	11
Clerical workers .....	14,664	14,778	3,104	3,090	10,135	10,341	283	272	1,143	1,074
Stenographers, typists, and secretaries .....	4,199	4,307	50	82	3,741	3,867	7	10	400	348
Other clerical workers .....	10,465	10,471	3,054	3,008	6,394	6,474	276	262	743	726
<b>Blue-collar workers</b> .....	29,933	27,642	22,481	21,058	4,871	4,344	2,223	1,925	358	314
Craft and kindred workers .....	11,530	10,849	10,585	10,048	491	446	421	331	33	24
Carpenters .....	1,055	951	985	906	9	1	59	43	2	--
Construction craft, except carpenters .....	2,289	2,221	2,193	2,123	5	18	88	78	3	2
Mechanics and repairers .....	3,002	2,877	2,830	2,717	34	34	134	122	5	5
Metal craft .....	1,218	1,071	1,148	1,026	24	14	45	30	1	2
Blue-collar worker supervisors, not elsewhere classified .....	1,496	1,401	1,347	1,278	136	118	8	5	6	--
All other .....	2,470	2,329	2,081	1,998	285	262	87	53	17	16
Operatives, except transport .....	10,672	9,415	5,805	5,250	3,912	3,445	700	510	255	210
Durable goods manufacturing .....	4,957	4,086	3,137	2,689	1,462	1,193	269	138	89	67
Nondurable goods manufacturing .....	3,552	3,004	1,364	1,202	1,914	1,640	138	74	136	87
Other industries .....	2,163	2,325	1,304	1,359	536	612	293	298	30	56
Transport equipment operatives .....	3,281	3,178	2,955	2,817	168	169	143	179	15	12
Drivers, motor vehicles .....	2,809	2,735	2,507	2,404	162	161	126	159	14	11
All other .....	472	443	448	413	6	8	16	20	1	2
Nonfarm laborers .....	4,450	4,200	3,136	2,944	300	284	959	905	55	68
Construction .....	855	748	708	628	2	3	144	112	--	5
Manufacturing .....	1,123	938	874	753	109	86	126	97	13	2
Other industries .....	2,473	2,515	1,554	1,562	188	195	689	696	42	62
<b>Service workers</b> .....	11,235	11,462	3,340	3,482	6,029	6,063	751	752	1,116	1,165
Private household workers .....	1,257	1,170	18	16	991	888	10	9	238	257
Service workers, except private household .....	9,978	10,292	3,322	3,466	5,038	5,175	741	743	877	908
Food service workers .....	3,530	3,633	612	609	1,889	1,928	447	485	583	610
Protective service workers .....	1,221	1,239	1,126	1,149	69	77	22	13	4	--
All other .....	5,227	5,420	1,584	1,708	3,080	3,170	272	245	290	298
<b>Farm workers</b> .....	3,155	3,160	2,270	2,231	498	501	337	369	50	60
Farmers and farm managers .....	1,641	1,653	1,528	1,525	95	95	18	31	--	2
Farm laborers and supervisors .....	1,514	1,508	742	706	402	407	320	338	50	57
Paid workers .....	1,061	991	681	639	117	99	231	223	33	30
Unpaid family workers .....	453	517	61	67	285	308	89	115	17	27

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

[Percent distribution]

Occupational group and color	Total		Males		Females	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
<b>TOTAL</b>						
Total employed (thousands) . . . . .	85,785	84,146	52,519	50,954	33,266	33,192
Percent . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	48.3	49.8	40.2	41.5	61.2	62.5
Professional and technical . . . . .	14.3	15.2	13.8	14.5	15.2	16.1
Managers and administrators, except farm . . . . .	10.6	10.6	14.2	14.2	5.0	5.0
Sales workers . . . . .	6.3	6.5	5.8	6.2	7.0	6.9
Clerical workers . . . . .	17.1	17.6	6.4	6.6	33.9	34.4
Blue-collar workers . . . . .	34.9	32.9	47.0	45.1	15.7	14.0
Craft and kindred workers . . . . .	13.4	12.9	21.0	20.4	1.6	1.4
Operatives, except transport . . . . .	12.4	11.2	12.4	11.3	12.5	11.0
Transport equipment operatives . . . . .	3.8	3.8	5.9	5.9	.6	.5
Nonfarm laborers . . . . .	5.2	5.0	7.8	7.6	1.1	1.1
Service workers . . . . .	13.1	13.6	7.8	8.3	21.5	21.8
Private household workers . . . . .	1.5	1.4	.1	(1)	3.7	3.4
Other service workers . . . . .	11.6	12.2	7.7	8.3	17.8	18.3
Farm workers . . . . .	3.7	3.8	5.0	5.1	1.6	1.7
Farmers and farm managers . . . . .	1.9	2.0	2.9	3.1	.3	.3
Farm laborers and supervisors . . . . .	1.8	1.8	2.0	2.0	1.4	1.4
<b>White</b>						
Total employed (thousands) . . . . .	76,487	75,216	47,317	46,067	29,170	29,149
Percent . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	50.3	51.6	41.9	43.2	64.0	65.0
Professional and technical . . . . .	14.8	15.6	14.3	15.1	15.6	16.4
Managers and administrators, except farm . . . . .	11.4	11.3	15.1	15.0	5.4	5.3
Sales workers . . . . .	6.7	6.9	6.2	6.6	7.6	7.4
Clerical workers . . . . .	17.4	17.8	6.3	6.5	35.4	35.8
Blue-collar workers . . . . .	34.2	32.3	46.0	44.1	15.1	13.6
Craft and kindred workers . . . . .	14.0	13.4	21.6	20.9	1.6	1.5
Operatives, except transport . . . . .	11.9	10.7	11.9	10.8	11.9	10.5
Transport equipment operatives . . . . .	3.7	3.7	5.6	5.7	.6	.6
Nonfarm laborers . . . . .	4.7	4.5	7.0	6.6	1.1	1.1
Service workers . . . . .	11.7	12.2	7.0	7.5	19.2	19.6
Private household workers . . . . .	1.0	1.0	.1	.1	2.6	2.4
Other service workers . . . . .	10.7	11.2	7.0	7.4	16.7	17.3
Farm workers . . . . .	3.8	3.9	5.1	5.2	1.7	1.7
Farmers and farm managers . . . . .	2.1	2.1	3.1	3.2	.3	.3
Farm laborers and supervisors . . . . .	1.7	1.8	1.9	2.0	1.4	1.4
<b>Negro and other races</b>						
Total employed (thousands) . . . . .	9,297	8,930	5,202	4,887	4,095	4,042
Percent . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	31.9	34.2	24.5	25.5	41.2	44.6
Professional and technical . . . . .	10.8	11.6	9.3	9.7	12.6	14.1
Managers and administrators, except farm . . . . .	4.4	4.6	5.9	6.0	2.5	2.8
Sales workers . . . . .	2.3	2.7	1.9	2.3	2.8	3.3
Clerical workers . . . . .	14.4	15.2	7.5	7.6	23.3	24.4
Blue-collar workers . . . . .	40.5	37.4	56.6	54.2	20.1	17.0
Craft and kindred workers . . . . .	9.1	8.7	15.1	15.0	1.4	1.1
Operatives, except transport . . . . .	17.2	15.2	17.3	15.7	17.1	14.7
Transport equipment operatives . . . . .	5.2	4.2	8.9	7.4	.5	.4
Nonfarm laborers . . . . .	9.0	9.2	15.3	16.2	1.1	.8
Service workers . . . . .	24.8	25.7	14.9	16.3	37.4	37.1
Private household workers . . . . .	5.2	5.1	.1	.1	11.6	11.2
Other service workers . . . . .	19.6	20.6	14.8	16.2	25.7	26.0
Farm workers . . . . .	2.8	2.7	4.0	3.9	1.3	1.3
Farmers and farm managers . . . . .	.7	.7	1.3	1.3	(1)	--
Farm laborers and supervisors . . . . .	2.1	2.0	2.7	2.6	1.3	1.3

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

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

(In thousands)

Age and sex	May 1975								
	Nonagricultural industries						Agriculture		
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total, 16 years and over</b> .....	74,270	1,419	14,556	58,295	5,714	540	1,300	1,781	540
16 to 19 years .....	6,113	372	502	5,239	101	50	320	57	149
16 to 17 years .....	2,371	279	161	1,931	61	33	162	26	84
18 to 19 years .....	3,741	93	341	3,307	40	17	159	31	65
20 to 24 years .....	10,781	126	1,793	8,862	238	42	222	74	51
25 to 34 years .....	18,587	115	3,906	14,566	1,122	99	239	257	69
35 to 44 years .....	13,924	158	3,028	10,737	1,205	124	174	291	77
45 to 54 years .....	14,053	214	3,184	10,655	1,387	121	143	406	103
55 to 64 years .....	8,927	274	1,824	6,828	1,104	70	142	422	70
55 to 59 years .....	5,443	145	1,121	4,176	597	49	76	223	49
60 to 64 years .....	3,484	129	703	2,652	507	21	66	199	21
65 years and over .....	1,887	161	318	1,408	558	34	60	274	21
<b>Males, 16 years and over</b> .....	43,678	208	7,544	35,926	4,251	79	1,087	1,670	189
16 to 19 years .....	3,163	108	222	2,833	73	31	273	54	121
16 to 17 years .....	1,258	79	79	1,101	43	21	139	26	74
18 to 19 years .....	1,904	30	143	1,732	31	11	134	27	47
20 to 24 years .....	5,764	17	822	4,924	162	23	177	69	39
25 to 34 years .....	11,551	10	2,067	9,474	802	7	193	236	9
35 to 44 years .....	8,394	16	1,570	6,808	927	--	142	270	1
45 to 54 years .....	8,372	10	1,706	6,656	1,056	5	127	387	5
55 to 64 years .....	5,345	19	983	4,343	817	7	118	395	4
55 to 59 years .....	3,258	6	621	2,630	437	4	60	207	4
60 to 64 years .....	2,087	13	362	1,712	380	3	58	188	--
65 years and over .....	1,090	28	175	888	414	5	57	259	11
<b>Females, 16 years and over</b> .....	30,592	1,211	7,012	22,370	1,464	460	213	111	351
16 to 19 years .....	2,950	263	281	2,406	27	18	48	3	29
16 to 17 years .....	1,113	200	82	831	18	12	23	--	10
18 to 19 years .....	1,837	63	198	1,575	9	6	25	3	18
20 to 24 years .....	5,017	109	970	3,938	75	19	45	5	12
25 to 34 years .....	7,036	105	1,839	5,092	320	91	46	21	60
35 to 44 years .....	5,529	142	1,458	3,929	278	125	32	21	76
45 to 54 years .....	5,681	204	1,478	3,998	332	117	17	18	99
55 to 64 years .....	3,582	255	841	2,486	286	62	24	28	65
55 to 59 years .....	2,185	139	500	1,546	159	45	16	16	45
60 to 64 years .....	1,397	115	341	940	127	17	8	11	21
65 years and over .....	797	132	144	521	145	29	2	16	10

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

(In thousands)

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers <sup>1</sup>			
					Paid absences <sup>2</sup>		Unpaid absences <sup>2</sup>	
	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975	May 1974	May 1975
Total .....	3,545	3,615	3,445	3,532	1,581	1,587	1,500	996
Vacation .....	1,408	1,369	1,392	1,357	979	931	301	136
Illness .....	1,265	1,263	1,225	1,231	485	511	629	483
Bad weather .....	52	64	36	40	--	--	--	--
Industrial dispute .....	179	117	179	117	--	--	--	--
All other reasons .....	642	801	614	787	116	145	571	377
<b>Males</b> .....	2,150	2,131	2,064	2,061	1,034	1,041	800	583
Vacation .....	862	810	848	805	635	618	156	67
Illness .....	760	744	726	713	315	338	336	279
All other reasons <sup>3</sup> .....	528	577	490	539	84	86	308	238
<b>Females</b> .....	1,395	1,483	1,381	1,471	547	545	699	413
Vacation .....	546	559	545	553	345	313	145	69
Illness .....	505	519	499	513	170	173	292	204
All other reasons <sup>3</sup> .....	344	404	337	405	33	59	262	140

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

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

Hours of work	May 1975					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work .....	80,531	76,993	3,539	100.0	100.0	100.0
1-34 hours .....	19,196	18,195	1,001	23.8	23.6	28.3
1-4 hours .....	815	752	63	1.0	1.0	1.8
5-14 hours .....	3,857	3,644	213	4.8	4.7	6.0
15-29 hours .....	9,452	8,919	534	11.7	11.6	15.1
30-34 hours .....	5,072	4,880	191	6.3	6.3	5.4
35 hours and over .....	61,335	58,799	2,537	76.2	76.4	71.7
35-39 hours .....	6,240	6,104	137	7.7	7.9	3.9
40 hours .....	34,025	33,644	381	42.3	43.7	10.8
41 hours and over .....	21,070	19,051	2,019	26.2	24.7	57.1
41 to 48 hours .....	8,012	7,714	298	9.9	10.0	8.4
49 to 59 hours .....	6,784	6,410	374	8.4	8.3	10.6
60 hours and over .....	6,274	4,927	1,347	7.8	6.4	38.1
Average hours, total at work .....	39.0	38.5	49.0	--	--	--
Average hours, workers on full-time schedules .....	43.7	43.0	58.7	--	--	--

## A-25. Persons at work 1 - 34 hours by usual status and reason working less than 35 hours

[In thousands]

Reasons working less than 35 hours	May 1975					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	19,197	5,296	13,901	18,195	5,048	13,147
Economic reasons	3,602	1,708	1,894	3,411	1,619	1,792
Slack work	2,134	1,367	767	2,003	1,293	710
Material shortages or repairs to plant and equipment	36	36	--	35	35	--
New job started during week	242	242	--	231	231	--
Job terminated during week	63	63	--	59	59	--
Could find only part-time work	1,126	--	1,126	1,082	--	1,082
Other reasons	15,595	3,588	12,007	14,784	3,429	11,355
Does not want, or unavailable for, full-time work	9,932	--	9,932	9,412	--	9,412
Vacation	709	709	--	706	706	--
Illness	1,486	1,245	241	1,429	1,232	197
Bad weather	389	389	--	286	286	--
Industrial dispute	40	40	--	40	40	--
Legal or religious holiday	65	65	--	65	65	--
Full time for this job	1,410	--	1,410	1,363	--	1,363
All other reasons	1,565	1,140	425	1,486	1,101	385
Average hours:						
Economic reasons	21.8	24.2	19.7	21.9	24.2	19.9
Other reasons	20.3	26.5	18.4	20.3	26.6	18.4
Worked 30 to 34 hours:						
Economic reasons	1,173	746	427	1,121	712	409
Other reasons	3,899	1,941	1,958	3,759	1,887	1,872

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

Industry	May 1975								
	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
			Total	40 hours or less	41 to 48 hours	49 hours or more			
Total <sup>1</sup>	100.0	4.4	14.7	80.8	56.1	10.0	14.7	38.5	43.0
Wage and salary workers	100.0	4.3	14.4	81.3	58.3	10.1	12.9	38.1	42.5
Construction	100.0	8.9	4.2	87.0	64.9	9.3	12.9	38.9	41.5
Manufacturing	100.0	4.7	3.2	92.1	69.2	11.8	11.1	40.4	41.8
Durable goods	100.0	3.8	2.0	94.1	71.7	11.3	11.2	40.8	41.8
Nondurable goods	100.0	6.0	5.0	89.0	65.5	12.6	10.9	39.7	41.7
Transportation and public utilities	100.0	3.5	8.6	89.9	65.3	10.8	13.8	40.6	42.9
Wholesale and retail trade	100.0	4.9	25.5	69.6	42.2	12.0	15.4	36.4	43.8
Finance, insurance, and real estate	100.0	1.2	9.8	89.0	67.4	8.8	12.8	39.2	41.6
Service industries	100.0	4.9	23.2	72.6	52.3	7.8	12.4	35.9	42.6
Private households	100.0	14.0	60.0	26.0	17.4	2.6	6.0	21.7	45.7
All other industries	100.0	3.5	20.5	75.9	54.8	8.2	12.9	36.9	42.5
Public administration	100.0	1.1	5.8	92.5	73.8	8.3	10.7	40.0	41.7
Self-employed workers	100.0	6.4	17.1	76.5	29.3	8.6	38.6	42.7	50.5
Unpaid family workers	100.0	2.0	34.8	63.1	33.3	8.1	21.7	38.5	47.7

<sup>1</sup>Includes mining not shown separately

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

(Numbers in thousands)

Sex and age, color and marital status	May 1975							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 hours or more			
<b>Total, 16 years and over</b> .....	76,993	3,411	11,355	62,227	43,176	19,051	38.5	43.0	
16 to 21 years .....	10,177	710	4,149	5,318	4,091	1,227	29.5	40.9	
16 to 19 years .....	6,068	408	3,346	2,314	1,820	494	25.5	40.4	
16 to 17 years .....	2,386	82	2,006	298	232	66	17.5	38.5	
18 to 19 years .....	3,682	326	1,340	2,016	1,589	427	30.6	40.7	
20 years and over .....	70,924	3,003	8,009	59,912	41,355	18,557	39.6	43.1	
20 to 24 years .....	10,694	725	1,439	8,530	6,290	2,240	37.4	41.8	
25 years and over .....	60,230	2,278	6,570	51,382	35,065	16,317	40.0	43.3	
25 to 44 years .....	33,730	1,233	3,080	29,417	19,773	9,644	40.5	43.4	
45 to 64 years .....	24,179	965	2,418	20,796	14,507	6,289	40.1	43.2	
65 years and over .....	2,322	79	1,073	1,170	789	381	30.5	43.8	
<b>Males, 16 years and over</b> .....	45,947	1,706	3,621	40,620	25,369	15,251	41.5	44.3	
16 to 21 years .....	5,333	349	2,046	2,938	2,011	927	31.1	42.2	
16 to 19 years .....	3,168	192	1,693	1,283	913	370	26.8	41.5	
16 to 17 years .....	1,275	42	1,049	184	135	49	19.0	39.0	
18 to 19 years .....	1,893	150	645	1,098	777	321	32.0	41.9	
20 years and over .....	42,779	1,515	1,928	39,336	24,454	14,882	42.5	44.4	
20 to 24 years .....	5,756	361	589	4,806	3,122	1,684	39.4	43.2	
25 years and over .....	37,023	1,154	1,339	34,530	21,332	13,198	43.0	44.6	
25 to 44 years .....	20,936	641	382	19,913	11,894	8,019	43.8	44.8	
45 to 64 years .....	14,686	466	361	13,859	8,947	4,912	43.0	44.3	
65 years and over .....	1,401	47	595	759	493	266	31.7	43.6	
<b>Females, 16 years and over</b> .....	31,045	1,705	7,734	21,606	17,808	3,798	34.0	40.5	
16 to 21 years .....	4,843	361	2,104	2,378	2,078	300	27.9	39.4	
16 to 19 years .....	2,900	216	1,652	1,032	908	124	24.1	39.1	
16 to 17 years .....	1,111	40	957	114	97	17	15.9	37.7	
18 to 19 years .....	1,789	176	696	917	810	107	29.2	39.3	
20 years and over .....	28,145	1,489	6,081	20,575	16,900	3,675	35.1	40.6	
20 to 24 years .....	4,938	364	850	3,724	3,168	556	35.1	40.0	
25 years and over .....	23,207	1,125	5,231	16,851	13,732	3,119	35.1	40.7	
25 to 44 years .....	12,794	592	2,698	9,504	7,878	1,626	35.1	40.4	
45 to 64 years .....	9,492	500	2,057	6,935	5,558	1,377	35.5	41.0	
65 years and over .....	921	32	477	412	297	115	28.6	44.1	
<b>COLOR</b>									
White .....	68,754	2,815	10,316	55,623	37,708	17,915	38.7	43.3	
Males .....	41,513	1,460	3,287	36,766	22,334	14,432	41.7	44.6	
Females .....	27,242	1,355	7,030	18,857	15,374	3,483	34.0	40.6	
Negro and other races .....	8,238	596	1,038	6,604	5,469	1,135	36.8	41.0	
Males .....	4,435	248	334	3,853	3,034	819	39.0	42.0	
Females .....	3,804	349	704	2,751	2,436	315	34.2	39.7	
<b>MARITAL STATUS</b>									
<b>Males:</b>									
Married, spouse present .....	34,288	950	1,122	32,216	19,526	12,688	43.3	44.7	
Widowed, divorced, or separated .....	2,860	172	164	2,524	1,693	831	40.9	43.7	
Single (never married) .....	8,800	585	2,335	5,880	4,147	1,733	34.3	42.5	
<b>Females:</b>									
Married, spouse present .....	17,907	896	4,479	12,532	10,423	2,109	34.4	40.5	
Widowed, divorced, or separated .....	5,925	361	1,017	4,547	3,182	965	36.0	40.9	
Single (never married) .....	7,213	446	2,238	4,527	3,803	724	31.5	40.2	

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

[Percent distribution]

Sex and age, color and marital status	May 1975					
	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
<b>Total, 16 years and over</b> .....	100.0	4.4	14.7	80.8	56.1	24.7
16 to 21 years .....	100.0	7.0	40.8	52.3	40.2	12.1
16 to 19 years .....	100.0	6.7	55.1	38.1	30.0	8.1
16 to 17 years .....	100.0	3.4	84.1	12.5	9.7	2.8
18 to 19 years .....	100.0	8.9	36.4	54.8	43.2	11.6
20 years and over .....	100.0	4.2	11.3	84.5	58.3	26.2
20 to 24 years .....	100.0	6.8	13.5	79.8	58.8	20.9
25 years and over .....	100.0	3.8	10.9	85.3	58.2	27.1
25 to 44 years .....	100.0	3.7	9.1	87.2	58.6	28.6
45 to 64 years .....	100.0	4.0	10.0	86.0	60.0	26.0
65 years and over .....	100.0	3.4	46.2	50.4	34.0	16.4
<b>Males, 16 years and over</b> .....	100.0	3.7	7.9	88.4	55.2	33.2
16 to 21 years .....	100.0	6.5	38.4	55.1	37.7	17.4
16 to 19 years .....	100.0	6.1	53.4	40.5	28.8	11.7
16 to 17 years .....	100.0	3.3	82.3	14.4	10.6	3.8
18 to 19 years .....	100.0	7.9	34.1	58.0	41.0	17.0
20 years and over .....	100.0	3.5	4.5	92.0	57.2	34.8
20 to 24 years .....	100.0	6.3	10.2	83.5	54.2	29.3
25 years and over .....	100.0	3.1	3.6	93.3	57.6	35.6
25 to 44 years .....	100.0	3.1	1.8	95.1	56.8	38.3
45 to 64 years .....	100.0	3.2	2.5	94.4	60.9	33.4
65 years and over .....	100.0	3.4	42.5	54.2	35.2	19.0
<b>Females, 16 years and over</b> .....	100.0	5.5	24.9	69.6	57.4	12.2
16 to 21 years .....	100.0	7.5	43.4	49.1	42.9	6.2
16 to 19 years .....	100.0	7.4	57.0	35.6	31.3	4.3
16 to 17 years .....	100.0	3.6	86.1	10.3	8.7	1.5
18 to 19 years .....	100.0	9.8	38.9	51.3	45.3	6.0
20 years and over .....	100.0	5.3	21.6	73.1	60.0	13.1
20 to 24 years .....	100.0	7.4	17.2	75.4	64.2	11.3
25 years and over .....	100.0	4.8	22.5	72.6	59.2	13.4
25 to 44 years .....	100.0	4.6	21.1	74.3	61.6	12.7
45 to 64 years .....	100.0	5.3	21.7	73.1	58.6	14.5
65 years and over .....	100.0	3.5	51.8	44.7	32.2	12.5
<b>COLOR</b>						
White .....	100.0	4.1	15.0	80.9	54.8	26.1
Males .....	100.0	3.5	7.9	88.6	53.8	34.8
Females .....	100.0	5.0	25.8	69.2	56.4	12.8
Negro and other races .....	100.0	7.2	12.6	80.2	66.4	13.8
Males .....	100.0	5.6	7.5	86.9	68.4	18.5
Females .....	100.0	9.2	18.5	72.3	64.0	8.3
<b>MARITAL STATUS</b>						
<b>Males:</b>						
Married, spouse present .....	100.0	2.8	3.3	94.0	57.0	37.0
Widowed, divorced, or separated .....	100.0	6.0	5.7	88.3	59.2	29.1
Single (never married) .....	100.0	6.6	26.5	66.8	47.1	19.7
<b>Females:</b>						
Married, spouse present .....	100.0	5.0	25.0	70.0	58.2	11.8
Widowed, divorced, or separated .....	100.0	6.1	17.2	76.7	60.5	16.3
Single (never married) .....	100.0	6.2	31.0	62.8	52.7	10.0

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

[Numbers in thousands]

Occupational group and sex	May 1975								
	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		
<b>TOTAL</b>									
White-collar workers . . . . .	40,187	926	5,696	33,565	22,502	3,869	7,194	39.5	43.6
Professional and technical . . . . .	12,251	225	1,406	10,620	7,040	1,257	2,323	40.1	43.5
Managers and administrators, except farm . . . . .	8,533	104	373	8,056	3,762	1,154	3,140	46.5	48.1
Sales workers . . . . .	5,229	206	1,316	3,707	2,049	559	1,099	37.2	44.7
Clerical workers . . . . .	14,174	391	2,601	11,182	9,652	899	631	35.7	40.0
Blue-collar workers . . . . .	26,306	1,819	2,022	22,465	16,038	3,127	3,300	39.2	42.3
Craft and kindred workers . . . . .	10,359	512	365	9,482	6,550	1,398	1,534	41.0	42.7
Operatives, except transport . . . . .	8,946	768	566	7,612	5,867	925	820	38.8	41.5
Transport equipment operatives . . . . .	2,995	193	285	2,517	1,479	409	629	41.0	44.9
Nonfarm laborers . . . . .	4,007	347	806	2,854	2,143	394	317	34.2	41.1
Service workers . . . . .	10,940	710	3,736	6,494	4,783	771	940	32.6	42.7
Private household . . . . .	1,145	146	687	312	209	28	75	22.6	46.1
Other service workers . . . . .	9,796	564	3,048	6,184	4,577	743	864	33.8	42.5
<b>Males</b>									
White-collar workers . . . . .	20,329	303	1,257	18,769	10,320	2,567	5,882	43.9	45.9
Professional and technical . . . . .	7,122	92	398	6,632	4,076	790	1,766	43.0	44.8
Managers and administrators, except farm . . . . .	6,945	78	178	6,689	2,867	1,006	2,816	47.7	48.8
Sales workers . . . . .	3,038	57	367	2,614	1,244	434	936	42.1	46.0
Clerical workers . . . . .	3,224	76	314	2,834	2,133	337	364	39.2	42.0
Blue-collar workers . . . . .	21,895	1,291	1,506	19,098	13,143	2,842	3,113	39.9	42.8
Craft and kindred workers . . . . .	9,927	493	315	9,119	6,257	1,372	1,490	41.1	42.8
Operatives, except transport . . . . .	5,484	300	280	4,904	3,502	697	705	40.5	42.5
Transport equipment operatives . . . . .	2,817	173	201	2,443	1,422	398	623	41.8	45.0
Nonfarm laborers . . . . .	3,667	324	710	2,633	1,962	375	296	34.4	41.2
Service workers . . . . .	4,054	138	923	2,993	2,020	383	590	37.5	44.4
Private household . . . . .	25	2	12	11	4	2	5	33.0	60.9
Other service workers . . . . .	4,029	136	911	2,982	2,017	381	584	37.5	44.3
<b>Females</b>									
White-collar workers . . . . .	19,858	623	4,439	14,796	12,183	1,302	1,311	35.1	40.5
Professional and technical . . . . .	5,129	134	1,008	3,987	2,964	467	556	36.2	41.4
Managers and administrators, except farm . . . . .	1,588	27	195	1,366	895	147	324	41.0	44.6
Sales workers . . . . .	2,191	148	949	1,094	806	125	163	30.4	41.8
Clerical workers . . . . .	10,950	315	2,287	8,348	7,517	563	268	34.7	39.3
Blue-collar workers . . . . .	4,411	529	516	3,366	2,895	285	186	35.7	39.8
Craft and kindred workers . . . . .	431	19	51	361	292	26	43	37.9	41.2
Operatives, except transport . . . . .	3,462	468	286	2,708	2,366	228	114	36.2	39.6
Transport equipment operatives . . . . .	178	19	84	75	56	12	7	29.2	41.4
Nonfarm laborers . . . . .	340	23	96	221	180	19	22	31.9	39.7
Service workers . . . . .	6,887	572	2,813	3,502	2,763	389	350	29.8	41.2
Private household . . . . .	1,120	144	676	300	203	26	71	22.4	45.6
Other service workers . . . . .	5,767	427	2,137	3,203	2,561	363	279	31.2	40.8



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

[Percent distribution]

Occupational group and sex	May 1975						
	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
<b>TOTAL</b>							
White-collar workers . . . . .	100.0	2.3	14.2	83.5	56.0	9.6	17.9
Professional and technical . . . . .	100.0	1.8	11.5	86.8	57.5	10.3	19.0
Managers and administrators, except farm . . . . .	100.0	1.2	4.4	94.4	44.1	13.5	36.8
Sales workers . . . . .	100.0	3.9	25.2	70.9	39.2	10.7	21.0
Clerical workers . . . . .	100.0	2.8	18.4	78.9	68.1	6.3	4.5
Blue-collar workers . . . . .	100.0	6.9	7.7	85.4	61.0	11.9	12.5
Craft and kindred workers . . . . .	100.0	4.9	3.5	91.5	63.2	13.5	14.8
Operatives, except transport . . . . .	100.0	8.6	6.3	85.1	65.6	10.3	9.2
Transport equipment operatives . . . . .	100.0	6.4	9.5	84.1	49.4	13.7	21.0
Nonfarm laborers . . . . .	100.0	8.7	20.1	71.2	53.5	9.8	7.9
Service workers . . . . .	100.0	6.5	34.1	59.3	43.7	7.0	8.6
Private household . . . . .	100.0	12.8	60.0	27.3	18.3	2.4	6.6
Other service workers . . . . .	100.0	5.8	31.1	63.1	46.7	7.6	8.8
<b>Males</b>							
White-collar workers . . . . .	100.0	1.5	6.2	92.3	50.8	12.6	28.9
Professional and technical . . . . .	100.0	1.3	5.6	93.1	57.2	11.1	24.8
Managers and administrators, except farm . . . . .	100.0	1.1	2.6	96.3	41.3	14.5	40.5
Sales workers . . . . .	100.0	1.9	12.1	86.0	40.9	14.3	30.8
Clerical workers . . . . .	100.0	2.4	9.7	88.0	66.2	10.5	11.3
Blue-collar workers . . . . .	100.0	5.9	6.9	87.2	60.0	13.0	14.2
Craft and kindred workers . . . . .	100.0	5.0	3.2	91.8	63.0	13.8	15.0
Operatives, except transport . . . . .	100.0	5.5	5.1	89.5	63.9	12.7	12.9
Transport equipment operatives . . . . .	100.0	6.1	7.1	86.7	50.5	14.1	22.1
Nonfarm laborers . . . . .	100.0	8.8	19.4	71.8	53.5	10.2	8.1
Service workers . . . . .	100.0	3.4	22.8	73.8	49.8	9.4	14.6
Private household . . . . .	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers . . . . .	100.0	3.4	22.6	74.1	50.1	9.5	14.5
<b>Females</b>							
White-collar workers . . . . .	100.0	3.1	22.4	74.6	61.4	6.6	6.6
Professional and technical . . . . .	100.0	2.6	19.7	77.7	57.8	9.1	10.8
Managers and administrators, except farm . . . . .	100.0	1.7	12.3	86.1	56.4	9.3	20.4
Sales workers . . . . .	100.0	6.8	43.3	49.9	36.8	5.7	7.4
Clerical workers . . . . .	100.0	2.9	20.9	76.1	68.6	5.1	2.4
Blue-collar workers . . . . .	100.0	12.0	11.7	76.3	65.6	6.5	4.2
Craft and kindred workers . . . . .	100.0	4.4	11.8	83.7	67.7	6.0	10.0
Operatives, except transport . . . . .	100.0	13.5	8.3	78.2	68.3	6.6	3.3
Transport equipment operatives . . . . .	100.0	10.7	47.2	42.1	31.5	6.7	3.9
Nonfarm laborers . . . . .	100.0	6.8	28.2	65.0	52.9	5.6	6.5
Service workers . . . . .	100.0	8.3	40.8	50.8	40.1	5.6	5.1
Private household . . . . .	100.0	12.9	60.4	26.7	18.1	2.3	6.3
Other service workers . . . . .	100.0	7.4	37.1	55.5	44.4	6.3	4.8

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

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

[Numbers in thousands]

Employment status	May 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population . . . . .	8,441	4,294	4,148	7,147	3,646	3,501	1,294	648	647
Civilian labor force . . . . .	1,610	968	642	1,498	889	608	113	79	34
Employed . . . . .	1,370	811	560	1,307	767	541	63	44	19
Agriculture . . . . .	213	175	38	204	168	36	10	8	2
Nonagricultural industries . . . . .	1,157	635	522	1,104	599	505	53	36	17
Unemployed . . . . .	240	157	83	190	122	68	50	35	15
Unemployment rate . . . . .	14.9	16.2	12.9	12.7	13.7	11.2	44.3	44.3	(1)
Not in labor force . . . . .	6,831	3,326	3,505	5,650	2,757	2,893	1,181	569	613
Keeping house . . . . .	65	13	51	47	9	37	18	4	14
Going to school . . . . .	6,673	3,263	3,410	5,516	2,699	2,817	1,157	564	593
Unable to work . . . . .	8	6	2	6	5	1	1	--	1
All other reasons . . . . .	86	44	42	81	43	37	5	--	5

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

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

Characteristics	May 1975					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total . . . . .	1,370	811	560	100.0	100.0	100.0
Nonagricultural industries . . . . .	1,157	636	522	84.5	78.4	93.4
Wage and salary workers . . . . .	1,044	549	495	76.3	67.7	88.6
Private household workers . . . . .	483	171	311	35.3	21.1	55.6
Government workers . . . . .	31	10	21	2.3	1.2	3.8
Other wage and salary workers . . . . .	531	368	163	38.8	45.4	29.2
Self-employed workers . . . . .	105	82	23	7.7	10.1	4.1
Unpaid family workers . . . . .	8	4	4	.6	.5	.7
Agriculture . . . . .	213	175	38	15.6	21.7	6.6
Wage and salary workers . . . . .	110	97	13	8.0	12.0	2.3
Self-employed workers . . . . .	39	25	14	2.8	3.1	2.5
Unpaid family workers . . . . .	64	54	10	4.7	6.7	1.8
<b>OCCUPATION</b>						
Total . . . . .	1,370	811	560	100.0	100.0	100.0
White-collar workers . . . . .	319	209	110	23.3	25.8	19.7
Professional and technical . . . . .	11	8	3	.8	1.0	.5
Managers and administrators, except farm . . . . .	1	--	1	.1	--	.2
Sales workers . . . . .	243	185	58	17.8	22.8	10.4
Clerical workers . . . . .	64	16	48	4.7	2.0	8.6
Blue-collar workers . . . . .	341	309	32	24.8	38.1	5.6
Craft and kindred workers . . . . .	16	16	--	1.2	2.0	--
Operatives, except transport . . . . .	28	24	4	2.0	3.0	.7
Transport equipment operatives . . . . .	7	7	--	.5	.9	--
Nonfarm laborers . . . . .	289	262	27	21.1	32.3	4.8
Service workers . . . . .	539	143	396	39.4	17.7	70.8
Private household workers . . . . .	328	19	309	24.0	2.3	55.4
Other service workers . . . . .	211	124	86	15.4	15.3	15.4
Farm workers . . . . .	171	149	22	12.5	18.4	3.9
Farmers and farm managers . . . . .	8	8	--	.6	1.0	--
Farm laborers and supervisors . . . . .	163	141	22	11.9	17.4	3.9



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

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

[Numbers in thousands]

Characteristics	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	80,414	80,561	80,938	80,796	81,337	81,439	81,355	81,338	81,706	81,071	81,546	81,825	82,428
Employed	76,660	76,732	77,016	76,850	77,017	76,997	76,538	76,106	75,555	75,043	75,039	75,193	75,387
Unemployed	3,754	3,829	3,922	3,946	4,320	4,442	4,817	5,232	6,151	6,028	6,507	6,632	7,041
Unemployment rate	4.7	4.8	4.8	4.9	5.3	5.5	5.9	6.4	7.5	7.4	8.0	8.1	8.5
<b>Males, 20 years and over:</b>													
Civilian labor force	45,116	45,082	45,108	45,265	45,421	45,651	45,535	45,408	45,279	45,191	45,325	45,519	45,810
Employed	43,719	43,655	43,603	43,686	43,797	43,844	43,615	43,255	42,792	42,668	42,508	42,607	42,685
Unemployed	1,397	1,427	1,505	1,579	1,624	1,807	1,920	2,153	2,487	2,523	2,817	2,912	3,125
Unemployment rate	3.1	3.2	3.3	3.5	3.6	4.0	4.2	4.7	5.5	5.6	6.2	6.4	6.8
<b>Females, 20 years and over:</b>													
Civilian labor force	27,478	27,684	28,084	27,867	27,825	27,762	27,856	27,997	28,313	28,113	28,358	28,530	28,574
Employed	26,183	26,370	26,749	26,521	26,347	26,317	26,165	26,180	26,143	25,970	26,095	26,197	26,228
Unemployed	1,295	1,314	1,335	1,346	1,478	1,445	1,691	1,817	2,170	2,143	2,263	2,333	2,346
Unemployment rate	4.7	4.7	4.8	4.8	5.3	5.2	6.1	6.5	7.7	7.6	8.0	8.2	8.2
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	7,820	7,795	7,746	7,664	8,091	8,026	7,964	7,933	8,114	7,767	7,863	7,776	8,044
Employed	6,758	6,707	6,664	6,643	6,873	6,836	6,758	6,671	6,620	6,405	6,436	6,389	6,474
Unemployed	1,062	1,088	1,082	1,021	1,218	1,190	1,206	1,262	1,494	1,362	1,427	1,387	1,570
Unemployment rate	13.6	14.0	14.0	13.3	15.1	14.8	15.1	15.9	18.4	17.5	18.1	17.8	19.5
<b>NEGRO AND OTHER RACES</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	10,287	10,308	10,271	10,313	10,457	10,461	10,394	10,389	10,464	10,387	10,364	10,401	10,494
Employed	9,326	9,378	9,304	9,347	9,423	9,316	9,188	9,090	9,057	8,989	8,893	8,886	8,953
Unemployed	961	930	967	966	1,034	1,145	1,206	1,299	1,407	1,398	1,471	1,515	1,541
Unemployment rate	9.3	9.0	9.4	9.4	9.9	10.9	11.6	12.5	13.4	13.5	14.2	14.6	14.7
<b>Males, 20 years and over:</b>													
Civilian labor force	5,151	5,164	5,128	5,149	5,152	5,163	5,199	5,193	5,224	5,175	5,134	5,162	5,195
Employed	4,837	4,836	4,823	4,821	4,801	4,771	4,758	4,712	4,677	4,598	4,528	4,512	4,574
Unemployed	314	328	305	328	351	392	441	481	547	577	606	650	621
Unemployment rate	6.1	6.4	5.9	6.4	6.8	7.6	8.5	9.3	10.5	11.1	11.8	12.6	12.0
<b>Females, 20 years and over:</b>													
Civilian labor force	4,195	4,184	4,224	4,247	4,304	4,298	4,251	4,256	4,291	4,236	4,311	4,276	4,314
Employed	3,860	3,879	3,884	3,900	3,948	3,890	3,834	3,792	3,821	3,773	3,828	3,798	3,787
Unemployed	335	305	340	347	356	408	417	464	470	463	483	478	527
Unemployment rate	8.0	7.3	8.0	8.2	8.3	9.5	9.8	10.9	11.0	10.9	11.2	11.2	12.2
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	941	960	919	917	1,001	1,000	944	940	949	976	919	963	985
Employed	629	663	597	626	674	655	596	586	559	618	537	576	592
Unemployed	312	297	322	291	327	345	348	354	390	358	382	387	393
Unemployment rate	33.2	30.9	35.0	31.7	32.7	34.5	36.9	37.7	41.1	36.7	41.6	40.2	39.9

## A-34. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Total (all civilian workers) .....	5.2	5.2	5.3	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2
Males, 20 years and over .....	3.4	3.5	3.6	3.8	3.9	4.3	4.6	5.3	6.0	6.2	6.8	7.0	7.3
Females, 20 years and over .....	5.1	5.1	5.2	5.3	5.7	5.6	6.6	7.2	8.1	8.1	8.5	8.6	8.6
Both sexes, 16-19 years .....	15.6	15.8	16.2	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8
White .....	4.7	4.8	4.8	4.9	5.3	5.5	5.9	6.4	7.5	7.4	8.0	8.1	8.5
Negro and other races .....	9.3	9.0	9.4	9.4	9.9	10.9	11.6	12.5	13.4	13.5	14.2	14.6	14.7
Household heads .....	3.0	3.1	3.0	3.2	3.4	3.7	3.9	4.6	5.2	5.4	5.8	6.0	6.3
Married men .....	2.2	2.6	2.7	2.7	2.8	3.0	3.3	3.8	4.5	4.7	5.2	5.6	5.8
Full-time workers .....	4.6	4.7	4.8	4.8	5.3	5.8	6.2	6.8	7.7	7.8	8.3	8.6c	8.8
Part-time workers .....	8.5	8.7	8.6	8.5	8.7	8.7	9.2	9.6	10.5	10.3	10.9	10.4	11.1
Unemployed 15 weeks and over <sup>1</sup> .....	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.4	1.7	2.0	2.2	2.6	2.8
State insured <sup>2</sup> .....	3.3	3.3	3.3	3.3	3.5	3.6	4.3	4.8	5.5	5.9	6.4	6.8	7.0
Labor force time lost <sup>3</sup> .....	5.7c	5.6c	5.8c	5.8	6.4	6.6	7.2	7.9	8.9	8.9	9.6	9.7	9.9
<b>OCCUPATION</b>													
White-collar workers .....	3.2	3.2	3.3	3.2	3.5	3.3	3.8	4.1	4.6	4.5	4.6	4.7	5.4
Professional and technical .....	2.2	2.0	2.2	2.2	2.5	2.3	2.6	2.5	2.9	3.2	2.9	3.4	3.6
Managers and administrators, except farm .....	1.9	1.8	1.4	1.9	2.1	1.8	2.2	2.6	3.3	2.7	2.7	3.3	3.5
Sales workers .....	4.1	4.6	4.0	3.7	4.1	4.5	5.0	6.0	5.7	5.3	6.0	5.8	5.9
Clerical workers .....	4.4	4.4	5.0	4.4	4.9	4.5	5.1	5.4	6.3	6.2	6.6	6.2	7.8
Blue-collar workers .....	5.8	6.2	6.2	6.6	7.0	7.4	8.3	9.3	11.0	10.9	12.5	13.0	13.0
Craft and kindred workers .....	3.8	4.2	4.2	4.3	4.8	5.0	5.3	6.1	7.0	6.5	8.7	9.0	9.3
Operatives .....	6.4	6.7	6.4	7.1	7.6	8.1	9.8	10.7	13.1	13.3	14.1	14.9	14.4
Nonfarm laborers .....	8.9	9.7	10.6	10.5	10.3	10.8	11.0	13.0	14.3	14.1	16.2	17.2	17.7
Service workers .....	6.7	6.0	6.2	6.3	6.4	6.6	6.8	7.1	8.1	7.7	8.5	8.2	8.7
Farm workers .....	2.7	2.6	2.8	2.7	2.6	2.6	2.5	2.4	3.6	3.0	4.5	4.0	3.7
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	5.2	5.4	5.5	5.6	6.0	6.2	6.8	7.7	8.7	8.8	9.3	9.8	10.1
Construction .....	9.6	10.4	10.7	11.3	12.0	12.0	13.5	14.9	15.0	15.9	18.1	19.3	21.8
Manufacturing .....	4.7	5.1	5.2	5.5	6.0	6.4	7.4	8.9	10.5	11.0	11.4	12.2	12.3
Durable goods .....	4.4	4.8	4.6	4.9	5.3	6.1	7.0	8.7	10.5	10.9	11.3	12.8	12.7
Nondurable goods .....	5.2	5.7	6.1	6.4	6.9	6.9	7.9	9.1	10.3	11.1	11.6	11.4	11.6
Transportation and public utilities .....	3.0	3.2	3.4	3.5	3.3	3.4	3.4	3.9	5.9	5.2	5.6	6.6	6.7
Wholesale and retail trade .....	6.3	6.1	6.3	6.2	6.6	6.8	7.0	8.1	8.5	8.0	8.7	9.1	8.9
Finance and service industries .....	4.3	4.4	4.4	4.5	4.8	4.8	5.4	5.4	6.2	6.5	6.7	6.6	7.2
Government workers .....	3.4	2.9	3.0	2.9	3.0	3.0	3.5	3.2	3.4	3.6	3.9	5.8	4.9
Agricultural wage and salary workers .....	7.2	7.5	7.7	7.0	6.7	7.9	7.2	7.9	10.2	8.8	12.0	12.6	9.4

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.<sup>3</sup> Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.<sup>2</sup> Insured unemployment under State programs as a percent of average covered employment.<sup>4</sup> Includes mining, not shown separately.  
c=corrected.

## A-35. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Less than 5 weeks .....	2,481	2,378	2,472	2,506	2,654	2,765	2,981	3,077	3,316	2,914	3,253	2,897	3,134
5 to 14 weeks .....	1,378	1,489	1,522	1,449	1,701	1,754	1,931	2,062	2,663	2,597	2,619	2,695	2,620
15 weeks and over .....	877	934	927	940	989	1,016	1,117	1,319	1,537	1,822	1,991	2,403	2,643
15 to 26 weeks .....	527	565	546	560	603	640	691	782	914	1,118	1,259	1,452	1,568
27 weeks and over .....	350	369	381	380	386	376	426	537	623	704	732	951	1,075
Average (mean) duration, in weeks .....	9.6	9.8	10.1	9.9	9.7	9.8	9.8	10.0	10.7	11.7	11.4	12.9	13.4
<b>Percent distribution</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	52.4	49.5	50.2	51.2	49.7	50.0	49.4	47.6	44.1	39.7	41.4	36.2	37.3
5 to 14 weeks .....	29.1	31.0	30.9	29.6	31.8	31.7	32.0	31.9	35.4	35.4	33.3	33.7	31.2
15 weeks and over .....	18.5	19.5	18.8	19.2	18.5	18.4	18.5	20.4	20.4	24.8	25.3	30.1	31.5
15 to 26 weeks .....	11.1	11.8	11.1	11.4	11.3	11.6	11.5	12.1	12.2	15.2	16.0	18.2	18.7
27 weeks and over .....	7.4	7.7	7.7	7.8	7.2	6.8	7.1	8.3	8.3	9.6	9.3	11.9	12.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

Sex and age	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total, 16 years and over</b> .....	5.2	5.2	5.3	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2
16 to 19 years .....	15.6	15.8	16.2	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8
16 to 17 years .....	17.9	18.3	18.1	17.3	18.5	18.8	19.5	21.2	22.6	21.6	22.3	21.5	22.8
18 to 19 years .....	14.1	13.5	14.6	13.9	16.0	15.7	15.8	16.0	19.6	18.2	19.5	19.7	21.2
20 to 24 years .....	8.5	8.4	8.7	9.4	9.4	9.4	10.5	11.7	12.4	13.3	14.3	14.6	14.8
25 years and over .....	3.2	3.3	3.4	3.4	3.7	4.0	4.4	4.9	5.7	5.7	6.1	6.3	6.4
25 to 54 years .....	3.3	3.5	3.5	3.5	3.8	4.2	4.7	5.1	6.1	6.0	6.4	6.7	6.9
55 years and over .....	2.7	2.7	2.8	3.1	3.0	3.1	3.2	3.7	4.2	4.8	4.8	5.1	4.9
<b>Males, 16 years and over</b> .....	4.4	4.6	4.6	4.8	5.0	5.4	5.7	6.4	7.2	7.4	7.9	8.3	8.5
16 to 19 years .....	14.7	15.6	15.4	15.4	16.9	16.5	17.1	17.4	19.8	20.0	20.2	21.7	21.2
16 to 17 years .....	17.9	18.6	18.3	18.8	18.4	17.9	19.7	21.1	22.3	22.0	20.8	22.8	22.7
18 to 19 years .....	12.2	12.6	12.9	12.4	16.6	15.2	15.1	14.9	18.2	17.9	20.0	21.3	19.9
20 to 24 years .....	8.2	8.1	8.2	9.2	9.1	9.4	10.4	11.2	12.6	13.3	14.8	15.8	15.6
25 years and over .....	2.6	2.7	2.8	2.9	3.0	3.4	3.7	4.3	4.8	5.0	5.4	5.6	5.8
25 to 54 years .....	2.7	2.8	2.9	2.8	3.1	3.6	3.9	4.4	5.1	5.1	5.5	5.9	6.2
55 years and over .....	2.4	2.5	2.7	3.0	2.8	2.7	2.8	3.4	3.9	4.4	4.7	4.9	4.8
<b>Females, 16 years and over</b> .....	6.4	6.3	6.5	6.4	6.9	7.0	7.8	8.5	9.7	9.4	9.8	9.7	10.2
16 to 19 years .....	16.8	16.0	17.1	15.3	16.5	17.8	17.6	19.0	22.1	19.9	21.0	18.7	22.4
16 to 17 years .....	17.9	17.9	17.8	15.3	18.6	20.0	19.3	21.4	23.0	21.1	24.2	19.8	22.9
18 to 19 years .....	16.4	14.5	16.6	15.6	15.3	16.2	16.6	17.3	21.1	18.5	18.8	17.8	22.6
20 to 24 years .....	9.0	8.8	9.3	9.6	9.7	9.5	10.7	12.4	12.2	13.3	13.6	13.3	13.9
25 years and over .....	4.2	4.3	4.3	4.2	4.8	4.9	5.7	5.9	7.1	6.9	7.3	7.5	7.5
25 to 54 years .....	4.4	4.6	4.6	4.5	5.1	5.2	6.1	6.3	7.6	7.4	7.8	8.1	8.0
55 years and over .....	3.1	3.1	3.0	3.2	3.5	3.7	3.9	4.4	4.9	5.5	5.0	5.4	5.1

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

[Numbers in thousands]

Reason for unemployment	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	1,911	1,971	2,037	1,993	2,256	2,418	2,840	3,190	3,831	4,017	4,369	4,657	4,863
Job leavers .....	698	748	768	772	745	834	784	788	760	730	798	806	869
Reentrants .....	1,546	1,411	1,447	1,463	1,592	1,450	1,670	1,762	1,924	1,686	1,854	1,916	2,114
New entrants .....	623	639	672	645	726	770	784	778	858	846	773	766	848
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	40.0	41.3	41.4	40.9	42.4	44.2	46.7	48.9	52.0	55.2	56.1	57.2	55.9
Job leavers .....	14.6	15.7	15.6	15.8	14.0	15.2	12.9	12.1	10.3	10.0	10.2	9.9	10.0
Reentrants .....	32.4	29.6	29.4	30.0	29.9	26.5	27.5	27.0	26.1	23.2	23.8	23.5	24.3
New entrants .....	13.0	13.4	13.6	13.2	13.6	14.1	12.9	11.9	11.6	11.6	9.9	9.4	9.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	2.1	2.2	2.2	2.2	2.5	2.6	3.1	3.5	4.2	4.4	4.8	5.0	5.2
Job leavers .....	.8	.8	.8	.8	.8	.9	.9	.9	.8	.8	.9	.9	.9
Reentrants .....	1.7	1.6	1.6	1.6	1.7	1.6	1.8	1.9	2.1	1.8	2.0	2.1	2.3
New entrants .....	.7	.7	.7	.7	.8	.8	.9	.8	.9	.9	.8	.8	.9

## A-38. Employed persons by sex and age, seasonally adjusted

[Numbers in thousands]

Sex and age	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total, 16 years and over</b> .....	86,062	86,088	86,403	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402
16 to 19 years .....	7,395	7,383	7,268	7,307	7,529	7,483	7,365	7,249	7,140	7,020	6,982	6,956	7,071
16 to 17 years .....	3,064	3,057	3,076	3,026	3,168	3,149	3,066	2,988	3,067	2,917	2,911	2,870	2,871
18 to 19 years .....	4,372	4,319	4,180	4,220	4,379	4,324	4,285	4,260	4,100	4,116	4,073	4,098	4,241
20 to 24 years .....	11,975	11,919	11,934	11,883	11,991	12,031	11,949	11,809	11,688	11,544	11,451	11,462	11,619
25 years and over .....	66,669	66,761	67,109	67,059	66,908	66,788	66,399	66,182	65,753	65,465	65,439	65,695	65,687
25 to 54 years .....	52,948	53,126	53,381	53,366	53,243	53,172	52,882	52,628	52,200	51,940	51,978	52,090	52,146
55 years and over .....	13,708	13,682	13,708	13,688	13,663	13,631	13,471	13,555	13,567	13,569	13,510	13,554	13,536
<b>Males, 16 years and over</b> .....	52,740	52,492	52,473	52,522	52,671	52,674	52,410	51,953	51,329	51,112	50,781	50,873	51,172
16 to 19 years .....	4,118	4,042	4,022	4,007	4,088	4,090	4,031	3,992	3,839	3,824	3,791	3,750	3,839
16 to 17 years .....	1,707	1,709	1,695	1,663	1,806	1,768	1,712	1,675	1,648	1,615	1,653	1,581	1,599
18 to 19 years .....	2,427	2,332	2,328	2,303	2,312	2,322	2,315	2,308	2,194	2,223	2,141	2,168	2,260
20 to 24 years .....	6,712	6,612	6,586	6,527	6,649	6,686	6,634	6,514	6,419	6,370	6,277	6,217	6,357
25 years and over .....	41,882	41,819	41,811	41,942	41,939	41,900	41,764	41,492	41,066	40,906	40,763	40,931	40,942
25 to 54 years .....	33,209	33,184	33,140	33,243	33,197	33,154	33,090	32,805	32,497	32,350	32,324	32,350	32,460
55 years and over .....	8,687	8,643	8,664	8,698	8,715	8,746	8,646	8,667	8,603	8,603	8,499	8,529	8,488
<b>Females, 16 years and over</b> .....	33,322	33,596	33,930	33,752	33,731	33,630	33,279	33,249	33,233	32,915	33,068	33,213	33,230
16 to 19 years .....	3,277	3,341	3,246	3,300	3,441	3,393	3,334	3,257	3,301	3,196	3,191	3,206	3,232
16 to 17 years .....	1,357	1,348	1,381	1,363	1,362	1,381	1,354	1,313	1,419	1,302	1,258	1,289	1,272
18 to 19 years .....	1,945	1,987	1,852	1,917	2,067	2,002	1,970	1,952	1,906	1,893	1,932	1,930	1,981
20 to 24 years .....	5,263	5,307	5,348	5,356	5,342	5,345	5,315	5,295	5,269	5,174	5,174	5,245	5,262
25 years and over .....	24,787	24,942	25,298	25,117	24,969	24,888	24,635	24,690	24,687	24,559	24,676	24,764	24,745
25 to 54 years .....	19,739	19,942	20,241	20,123	20,046	20,018	19,792	19,823	19,703	19,590	19,654	19,740	19,686
55 years and over .....	5,021	5,039	5,044	4,990	4,948	4,885	4,825	4,888	4,964	4,966	5,011	5,025	5,048

c=corrected.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-39. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

Selected categories	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total employed</b> . . . . .	86,062	86,088	86,403	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402
Household heads . . . . .	50,862	50,980	51,024	51,057	50,914	50,957	50,737	50,427	49,933	49,672	49,613	49,796	49,924
Married men, spouse present . . . . .	39,069	38,952	38,837	38,919	38,887	38,978	38,727	38,377	37,954	37,761	37,689	37,813	37,853
Married women, spouse present . . . . .	19,529	19,682	19,883	19,860	19,857	19,813	19,599	19,463	19,330	19,173	19,271	19,376	19,317
<b>Occupation</b>													
White collar workers . . . . .	41,694	42,203	41,988	41,746	41,984	41,914	41,733	41,690	42,073	41,602	41,944	42,098	42,127
Professional and technical . . . . .	12,304	12,487	12,589	12,513	12,474	12,327	12,237	12,200	12,439	12,492	12,699	12,616	12,780
Managers and administrators, except farm . . . . .	9,117	9,201	8,965	8,708	8,753	8,883	8,811	8,760	8,929	8,648	8,757	8,725	8,864
Sales workers . . . . .	5,420	5,432	5,353	5,459	5,554	5,490	5,382	5,279	5,379	5,455	5,403	5,526	5,510
Clerical workers . . . . .	14,853	15,083	15,081	15,066	15,203	15,214	15,303	15,451	15,326	15,007	15,085	15,231	14,973
Blue-collar workers . . . . .	30,074	29,738	29,970	29,905	29,861	29,800	29,579	29,018	28,134	27,859	27,420	27,724	27,772
Craft and kindred workers . . . . .	11,545	11,412	11,553	11,553	11,534	11,538	11,509	11,251	10,920	10,923	10,674	10,857	10,860
Operatives . . . . .	14,102	14,004	14,250	14,022	13,920	13,779	13,654	13,395	13,059	12,799	12,598	12,855	12,733
Nonfarm laborers . . . . .	4,427	4,322	4,167	4,330	4,407	4,483	4,416	4,372	4,155	4,137	4,148	4,012	4,179
Service workers . . . . .	11,164	11,400	11,376	11,595	11,537	11,609	11,478	11,548	11,661	11,653	11,560	11,385	11,383
Farm workers . . . . .	3,055	2,945	2,998	2,974	3,003	2,974	2,914	2,926	2,954	2,872	2,814	2,803	3,062
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers . . . . .	1,338	1,248	1,296	1,336	1,403	1,378	1,386	1,272	1,310	1,196	1,194	1,156	1,344
Self-employed workers . . . . .	1,758	1,722	1,743	1,723	1,723 <sup>c</sup>	1,703 <sup>c</sup>	1,625	1,673	1,680	1,765	1,716	1,735	1,762
Unpaid family workers . . . . .	399	391	396	373	381	374	346	356	376	345	347	358	463
<b>Nonagricultural industries:</b>													
Wage and salary workers . . . . .	76,353	76,546	76,563	76,707	76,709	76,764	76,213	75,671	74,942	74,811	74,584	74,759	74,768
Private households . . . . .	1,425	1,407	1,372	1,418	1,382	1,370	1,267	1,259	1,326	1,301	1,342	1,315	1,411
Government . . . . .	14,049	14,099	14,139	14,030	13,979	13,997	14,039	14,231	14,351	14,404	14,387	14,512	14,440
Other . . . . .	60,879	61,040	61,052	61,259	61,348	61,397	60,907	60,181	59,265	59,106	58,855	58,932	58,917
Self-employed workers . . . . .	5,675	5,759	5,759	5,749	5,694	5,735	5,704	5,641	5,561	5,375	5,519	5,648	5,569
Unpaid family workers . . . . .	488	483	460	412	540	482	484	498	549	498	474	469	508
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries . . . . .	77,640	77,772	78,017	77,851	77,887	77,768	77,417	76,526	76,592	75,914	75,679	76,371	76,098
Full-time schedules . . . . .	64,443	64,597	64,692	64,639	64,562	64,306	63,694	62,733	62,295	61,822	61,456	61,943	61,917
Part time for economic reasons . . . . .	2,740	2,461	2,450	2,557	2,808	2,929	3,180	3,375	3,837	3,747	3,916	3,884	3,877
Usually work full time . . . . .	1,249	1,195	1,158	1,180	1,269	1,377	1,575	1,847	2,037	2,047	1,887	1,883	1,764
Usually work part time . . . . .	1,491	1,266	1,292	1,377	1,539	1,552	1,605	1,528	1,800	1,700	2,029	2,001	2,113
Part time for noneconomic reasons . . . . .	10,457	10,714	10,875	10,655	10,517	10,533	10,543	10,418	10,460	10,345	10,307	10,544	10,304

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

<sup>c</sup>corrected.



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

(Numbers in thousands)

Employment status	May 1974	Apr. 1975	May 1975	Seasonally adjusted					
				May 1974	Jan. 1975	Feb. 1975	Mar. 1975	Apr. 1975	May 1975
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	6,111	6,403	6,423	6,111	6,365	6,369	6,387	6,403	6,423
Civilian labor force	5,773	5,994	5,998	5,803	5,995	5,920	5,980	6,002	6,056
Employed	5,505	5,366	5,450	5,525	5,454	5,401	5,443	5,409	5,484
Unemployed	268	628	548	278	541	519	537	593	572
Unemployment rate	4.6	10.5	9.1	4.8	9.0	8.8	9.0	9.9	9.4
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,398	1,201	1,187	1,398	1,266	1,234	1,218	1,201	1,187
Civilian labor force	1,252	1,044	1,034	1,254	1,097	1,053	1,044	1,048	1,045
Employed	1,133	801	828	1,126	881	871	861	809	823
Unemployed	119	243	206	128	216	182	183	239	222
Unemployment rate	9.5	23.3	19.9	110.2	19.7	17.3	17.5	22.8	21.2
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,411	3,492	3,486	3,411	3,512	3,505	3,499	3,492	3,486
Civilian labor force	3,251	3,287	3,273	3,274	3,346	3,287	3,326	3,287	3,304
Employed	3,131	3,019	3,034	3,157	3,116	3,044	3,055	3,046	3,071
Unemployed	120	262	239	117	230	243	271	241	233
Unemployment rate	3.7	8.0	7.3	3.6	6.9	7.4	8.1	7.3	7.1
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,302	1,710	1,750	1,302	1,587	1,630	1,670	1,710	1,750
Civilian labor force	1,270	1,669	1,691	1,275	1,552	1,580	1,610	1,667	1,707
Employed	1,241	1,546	1,588	1,242	1,457	1,486	1,527	1,554	1,590
Unemployed	29	123	103	33	95	94	83	113	117
Unemployment rate	2.3	7.4	6.1	2.6	6.1	5.9	5.2	6.8	6.9
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	14,877	15,688	15,769	14,877	15,483	15,537	15,610	15,688	15,769
Civilian labor force	13,376	13,930	14,110	13,579	13,967	13,985	14,083	14,145	14,364
Employed	12,688	12,486	12,686	12,840	12,765	12,657	12,599	12,674	12,834
Unemployed	688	1,444	1,424	739	1,202	1,328	1,484	1,471	1,530
Unemployment rate	5.1	10.4	10.1	5.4	8.6	9.5	10.5	10.4	10.7
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	7,001	7,487	7,527	7,001	7,353	7,404	7,441	7,487	7,527
Civilian labor force	5,883	6,146	6,289	6,065	6,260	6,310	6,344	6,343	6,508
Employed	5,451	5,255	5,406	5,596	5,536	5,512	5,411	5,423	5,550
Unemployed	432	891	883	469	724	798	933	920	958
Unemployment rate	7.3	14.5	14.0	7.7	11.6	12.6	14.7	14.5	14.7
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,059	4,329	4,368	4,059	4,229	4,260	4,296	4,329	4,368
Civilian labor force	3,826	4,081	4,121	3,849	3,996	4,011	4,090	4,088	4,155
Employed	3,659	3,777	3,789	3,671	3,709	3,667	3,741	3,804	3,800
Unemployed	167	304	332	178	287	344	349	284	355
Unemployment rate	4.4	7.4	8.1	4.6	7.2	8.6	8.5	6.9	8.5
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,817	3,872	3,874	3,817	3,901	3,873	3,873	3,872	3,874
Civilian labor force	3,667	3,703	3,700	3,665	3,711	3,664	3,649	3,714	3,701
Employed	3,578	3,454	3,491	3,573	3,520	3,478	3,447	3,447	3,484
Unemployed	89	249	209	92	191	186	202	267	217
Unemployment rate	2.4	6.7	5.6	2.5	5.1	5.1	5.5	7.2	5.9

<sup>1</sup> Vietnam-era veterans are those who served after August 4, 1964.

appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
-	<b>TOTAL</b> .....	77,994	78,545	75,755	76,161	76,654	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	63,628	64,152	60,689	61,083	61,520	52,563	53,026	49,616	49,982	50,424
-	<b>MINING</b> .....	659	669	691	696	706	501	509	523	526	535
10	<b>METAL MINING</b> .....	90.6	91.8	89.6	89.7	-	71.8	72.9	70.2	70.1	-
101	Iron ores .....	23.4	24.0	24.6	24.9	-	18.9	19.5	19.9	20.2	-
102	Copper ores .....	42.8	43.1	38.3	38.0	-	33.9	34.1	29.5	29.2	-
11,12	<b>COAL MINING</b> .....	168.4	170.0	185.8	185.9	-	144.3	145.2	157.9	157.6	-
12	Bituminous coal and lignite mining .....	164.8	166.3	182.0	184.2	-	141.2	142.1	154.7	156.5	-
13	<b>OIL AND GAS EXTRACTION</b> .....	281.8	285.7	307.4	307.4	-	189.2	192.1	209.9	209.2	-
131,2	Crude petroleum and natural gas fields .....	139.6	141.5	147.5	148.1	-	70.2	70.9	75.1	75.3	-
138	Oil and gas field services .....	142.2	144.2	159.9	159.3	-	119.0	121.2	134.8	133.9	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	117.9	121.7	108.6	112.5	-	95.2	99.0	85.0	88.9	-
142	Crushed and broken stone .....	42.7	44.2	38.3	40.2	-	35.1	36.6	30.6	32.4	-
144	Sand and gravel .....	36.6	38.8	32.0	34.0	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,919	4,058	3,218	3,328	3,428	3,194	3,321	2,522	2,631	2,736
16	<b>GENERAL BUILDING CONTRACTORS</b> ....	1,240.8	1,261.6	1,016.7	1,030.6	-	994.2	1,010.0	793.7	808.3	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> ..	712.6	798.5	554.3	622.9	-	592.8	677.4	439.3	505.3	-
161	Highway and street construction .....	307.3	368.0	211.6	255.9	-	261.9	321.9	170.6	213.5	-
162	Heavy construction, nec .....	405.3	430.5	342.7	367.0	-	330.9	355.5	268.7	291.8	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,966.0	1,998.1	1,646.5	1,674.2	-	1,606.6	1,633.4	1,289.1	1,317.1	-
171	Plumbing, heating, air conditioning .....	488.2	486.8	419.8	417.6	-	382.7	381.1	317.5	314.6	-
172	Painting, paper hanging, decorating .....	131.1	141.1	108.8	115.0	-	112.8	122.4	90.3	96.8	-
173	Electrical work .....	348.0	349.5	314.0	311.2	-	279.0	279.8	245.0	242.6	-
174	Masonry, stonework, and plastering .....	243.0	243.4	186.2	196.7	-	216.3	216.7	160.4	170.8	-
176	Roofing and sheet metal work .....	128.6	130.6	107.4	115.6	-	105.0	106.8	84.0	92.4	-
-	<b>MANUFACTURING</b> .....	20,011	20,063	18,005	17,973	18,008	14,629	14,665	12,747	12,732	12,784
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	11,879	11,905	10,577	10,534	10,509	8,671	8,685	7,450	7,419	7,418
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,132	8,158	7,428	7,439	7,499	5,958	5,980	5,297	5,313	5,366
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	179.5	176.5	181.4	179.9	179.7	85.0	82.5	84.6	83.6	82.7
192	Ammunition, except for small arms .....	122.6	122.4	118.8	117.2	118.8	49.8	48.9	46.1	45.1	45.7
1925	Complete guided missiles .....	89.3	90.3	91.6	91.4	-	23.5	23.8	25.3	25.5	-
1929	Ammunition, exc. for small arms, nec ...	33.3	32.1	27.2	25.8	-	26.3	25.1	20.8	19.6	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	649.7	655.6	532.9	541.4	558.1	554.3	559.7	439.9	447.3	467.0
241	Logging camps and logging contractors .....	84.9	86.3	71.6	70.1	74.2	-	-	-	-	-
242	Sawmills and planing mills .....	224.1	225.8	180.8	185.9	(*)	201.8	203.2	158.6	163.1	(*)
2421	Sawmills and planing mills, general .....	189.2	191.2	155.3	159.4	-	170.5	172.1	136.6	140.2	-
243	Millwork, plywood and related products ...	211.5	213.5	174.8	178.0	184.3	174.6	176.4	139.8	142.1	148.4
2431	Millwork .....	89.9	90.2	75.5	76.6	-	72.7	72.9	59.7	60.4	-
2432	Veneer and plywood .....	83.9	83.3	68.8	69.6	-	74.3	73.4	59.5	60.1	-
244	Wooden containers .....	26.4	26.6	19.9	20.6	20.0	23.6	23.8	17.4	18.1	17.3
2441,2	Wooden boxes, shooks, and crates .....	21.1	21.3	15.9	16.6	-	19.0	19.2	14.1	14.8	-
249	Miscellaneous wood products .....	102.8	103.4	85.8	86.8	86.3	84.9	85.3	68.4	69.4	68.9

See footnotes at end of table.

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
25	<b>FURNITURE AND FIXTURES</b> .....	535.5	535.5	439.4	441.4	442.8	439.7	438.9	351.1	353.2	355.2
251	Household furniture .....	387.4	386.8	311.4	313.6	315.5	326.6	325.8	257.2	259.1	261.7
2511	Wood household furniture .....	199.7	199.9	159.4	160.8	—	175.3	175.3	137.4	138.8	—
2512	Upholstered household furniture .....	107.2	106.8	88.2	88.5	—	88.2	87.9	71.4	71.7	—
2515	Mattresses and bedsprings .....	38.0	38.3	31.0	31.9	—	28.7	29.0	23.1	23.6	—
252	Office furniture .....	45.0	44.8	37.5	36.4	—	36.1	35.5	28.2	27.2	—
254	Partitions and fixtures .....	54.5	55.1	47.6	47.4	—	41.5	42.0	34.6	34.7	—
253,9	Other furniture and fixtures .....	48.6	48.8	42.9	44.0	43.9	35.5	35.6	31.1	32.2	32.2
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....											
32	Flat glass .....	692.9	701.4	596.6	601.5	614.6	554.7	563.5	467.2	471.9	483.2
321	Glass and glassware, pressed or blown .....	24.1	25.3	17.2	17.1	—	16.7	18.1	11.8	11.9	—
322	Glass containers .....	132.0	133.0	121.5	122.2	123.2	113.4	114.7	103.5	104.2	104.7
3221	Pressed and blown glass, nec .....	69.7	70.5	70.2	70.5	—	61.1	61.9	61.4	61.7	—
3229	Cement, hydraulic .....	62.3	62.5	51.3	51.7	—	52.3	52.8	42.1	42.5	—
324	Structural clay products .....	32.5	32.7	30.3	29.5	30.1	25.4	25.6	23.7	23.0	23.6
325	Brick and structural clay tile .....	60.1	60.4	47.6	48.6	49.0	49.9	50.2	37.7	38.8	39.5
3251	Pottery and related products .....	26.8	27.2	18.9	19.9	—	23.1	23.4	15.5	16.5	—
326	Concrete, gypsum, and plaster products .....	49.5	49.4	41.8	42.2	—	42.3	42.3	34.9	34.8	—
327	Other stone and nonmetallic mineral products .....	213.5	219.1	177.1	182.3	(*)	168.4	173.4	135.0	140.0	(*)
328,9	Abrasive products .....	145.8	145.7	132.0	130.4	(*)	111.5	111.7	99.1	97.5	(*)
3291	Other stone and nonmetallic mineral products .....	27.6	27.7	25.0	24.2	—	19.9	20.0	17.4	16.8	—
<b>PRIMARY METAL INDUSTRIES</b> .....											
33	Blast furnace and basic steel products .....	1,335.8	1,339.1	1,205.6	1,187.6	1,174.8	1,070.8	1,072.8	941.5	924.9	913.5
331	Blast furnaces and steel mills .....	605.1	604.9	573.1	562.0	(*)	484.5	484.1	449.2	438.8	(*)
3312	Iron and steel foundries .....	519.9	519.4	497.2	487.6	—	417.7	417.0	391.4	382.5	—
332	Gray iron foundries .....	244.8	245.9	227.0	226.3	(*)	205.7	206.4	187.6	186.6	(*)
3321	Malleable iron foundries .....	156.7	157.2	139.4	139.5	—	133.3	133.4	116.9	116.9	—
3322	Steel foundries .....	23.8	24.0	21.3	21.0	—	20.1	20.3	16.6	16.3	—
3323	Nonferrous metals .....	64.3	64.7	66.3	65.8	—	52.3	52.7	54.1	53.4	—
333,4	Primary aluminum .....	89.9	91.0	82.4	81.1	80.2	69.6	70.5	62.1	61.1	60.7
3334	Nonferrous rolling and drawing .....	32.5	32.8	29.5	28.2	—	26.5	26.7	23.3	22.2	—
335	Copper rolling and drawing .....	224.9	225.1	177.9	175.5	179.4	169.5	169.7	126.1	124.2	128.7
3351	Aluminum rolling and drawing .....	41.7	41.4	29.5	29.6	—	32.3	32.0	20.9	21.1	—
3352	Nonferrous wire drawing and insulating .....	73.5	73.2	56.6	54.3	—	53.8	53.5	38.8	36.9	—
3357	Nonferrous foundries .....	88.7	89.4	73.5	73.6	—	68.0	68.7	53.5	53.7	—
336	Aluminum castings .....	93.5	94.1	74.0	72.7	72.4	78.7	79.2	60.2	58.9	58.9
3361	Other nonferrous castings .....	51.4	51.6	40.5	39.2	—	43.8	43.9	33.3	32.0	—
3382,9	Miscellaneous primary metal products .....	42.1	42.5	33.5	33.5	—	34.9	35.3	26.9	26.9	—
339	Iron and steel forgings .....	77.6	78.1	71.2	70.0	69.6	62.8	62.9	56.3	55.3	55.0
3391	Iron and steel forgings .....	49.5	49.7	47.1	46.4	—	40.5	40.5	37.9	37.3	—
<b>FABRICATED METAL PRODUCTS</b> .....											
34	Metal cens .....	1,487.7	1,492.1	1,302.8	1,303.8	1,294.2	1,139.2	1,143.0	967.0	970.0	961.1
341	Cutlery, hand tools, and hardware .....	72.2	70.7	61.3	60.3	60.9	62.1	60.7	52.4	51.6	52.4
342	Cutlery and hand tools, including saws .....	169.8	171.3	151.2	151.9	150.5	131.6	133.7	114.1	115.0	113.8
3421,3,5	Hardware, nec .....	75.7	75.3	70.5	69.8	—	59.5	59.3	53.8	53.2	—
3429	Plumbing and heating, except electric .....	94.1	96.0	80.7	82.1	—	72.1	74.4	60.3	61.8	—
343	Sanitary ware and plumbers' brass goods .....	78.6	77.9	59.9	59.6	60.0	59.1	58.3	41.5	41.5	41.8
3431,2	Heating equipment, except electric .....	37.2	37.1	26.2	26.4	—	29.5	29.4	18.8	18.9	—
3433	Fabricated structural metal products .....	41.4	40.8	33.7	33.2	—	29.6	28.9	22.7	22.6	—
344	Fabricated structural steel .....	478.7	481.4	441.5	441.9	(*)	340.4	342.1	305.6	306.3	(*)
3441	Metal doors, sash, and trim .....	104.6	104.8	106.8	106.6	—	75.9	75.9	77.3	77.2	—
3442	Fabricated plate work (boiler shops) .....	75.5	76.4	58.7	59.8	—	54.9	55.6	40.4	41.6	—
3443	Sheet metal work .....	138.4	139.6	139.6	139.7	—	94.1	94.5	93.3	93.8	—
3444	Architectural and miscellaneous metal work .....	94.6	95.1	82.2	81.9	—	69.7	70.4	58.6	57.9	—
3446,9	Screw machine products, bolts, etc .....	65.6	65.5	54.2	53.9	—	45.8	45.7	36.0	35.8	—
345	Bolts, nuts, rivets, and washers .....	110.6	110.8	98.5	95.6	(*)	88.6	88.5	76.5	73.9	(*)
3451	Metal stampings .....	51.0	51.1	44.7	43.0	—	43.0	43.0	36.9	35.2	—
3452	Metal services, nec .....	59.6	59.7	53.8	52.6	—	45.6	45.5	39.6	38.7	—
346	Miscellaneous fabricated wire products .....	237.5	239.1	193.4	199.7	203.7	192.8	195.1	152.0	158.7	161.9
347	Valves, pipe, and pipe fittings .....	94.2	94.6	81.6	81.5	(*)	78.0	78.5	65.7	65.6	(*)
348	Miscellaneous fabricated metal products .....	72.6	72.7	58.1	57.1	56.4	58.5	58.4	44.7	44.0	43.5
349	Miscellaneous fabricated metal products .....	173.5	173.6	157.3	156.2	(*)	128.1	127.7	114.5	113.4	(*)
3494,8	Valves, pipe, and pipe fittings .....	108.5	108.6	105.6	105.3	—	76.3	76.2	73.8	73.3	—

See footnotes at end of table.



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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
3732	Boat building and repairing .....	48.8	49.5	40.9	41.9	—	39.8	40.5	32.6	33.6	—
374	Railroad equipment .....	49.8	50.8	51.7	49.8	—	38.7	39.1	39.5	37.7	—
375,9	Other transportation equipment .....	146.1	153.3	112.9	120.2	—	117.6	124.3	85.9	93.0	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	526.7	527.1	496.3	491.7	484.6	328.7	328.6	296.8	293.8	288.9
381	Engineering and scientific instruments .....	71.4	71.6	71.6	70.8	—	36.1	35.9	35.9	35.4	—
382	Mechanical measuring and control devices .....	119.4	117.6	102.6	102.3	(*)	78.9	77.7	62.7	62.8	(*)
3821	Mechanical measuring devices .....	76.1	75.6	72.0	71.1	—	48.0	47.7	42.8	42.2	—
3822	Automatic temperature controls .....	43.3	42.0	30.6	31.2	—	30.9	30.0	19.9	20.6	—
383,5	Optical and ophthalmic goods .....	66.9	67.5	63.0	62.5	(*)	47.0	47.2	42.6	42.4	(*)
385	Ophthalmic goods .....	44.6	45.0	41.7	41.2	—	33.4	33.6	30.0	29.9	—
384	Medical instruments and supplies .....	106.0	106.8	104.4	103.8	(*)	72.6	73.5	69.6	69.2	(*)
386	Photographic equipment and supplies .....	129.5	129.8	124.7	123.0	123.1	66.7	66.8	62.0	60.7	61.2
387	Watches, clocks, and watchcases .....	33.5	33.8	30.0	29.3	—	27.4	27.5	24.0	23.3	—
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....											
39	<b>INDUSTRIES</b> .....	448.1	453.1	388.8	390.5	397.7	350.2	355.1	292.5	294.9	301.6
391	Jewelry, silverware, and plated ware .....	52.7	52.9	48.9	48.7	47.6	38.4	38.8	34.9	35.2	34.3
394	Toys and sporting goods .....	136.2	140.5	113.3	115.9	—	111.1	114.9	87.0	89.3	—
3941-3	Games, toys, dolls, and play vehicles .....	69.9	73.7	57.5	61.2	—	56.7	60.3	42.2	45.3	—
3949	Sporting and athletic goods, nec .....	66.3	66.8	55.8	54.7	—	54.4	54.6	44.8	44.0	—
395	Pens, pencils, office, and art supplies .....	36.6	36.6	33.6	34.8	—	26.5	26.3	23.2	24.3	—
396	Costume jewelry and notions .....	55.4	55.9	46.5	45.1	—	44.6	45.3	36.9	35.6	—
393,9	Other manufacturing industries .....	167.2	167.2	146.5	146.0	145.2	129.6	129.8	110.5	110.5	109.6
393	Musical instruments and parts .....	25.5	25.8	20.4	20.4	—	21.1	21.4	16.6	16.7	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,654.4	1,669.5	1,597.7	1,593.5	1,613.5	1,109.1	1,122.1	1,063.4	1,060.5	1,076.5
201	Meat products .....	334.6	336.8	324.7	326.6	327.4	273.3	275.0	265.0	266.7	267.4
2011	Meat packing plants .....	169.2	169.9	166.8	165.0	—	135.3	135.7	134.1	132.6	—
2013	Sausages and other prepared meats .....	60.9	61.0	60.0	59.9	—	42.8	43.0	41.9	41.6	—
2015	Poultry dressing plants .....	104.5	105.9	97.9	101.7	—	95.2	96.3	89.0	92.5	—
202	Dairy products .....	200.9	203.5	193.8	194.6	196.2	102.0	104.0	98.6	99.4	100.7
2024	Ice cream and frozen desserts .....	21.5	23.4	20.5	21.1	—	12.0	13.1	11.1	11.5	—
2026	Fluid milk .....	133.3	134.2	128.4	128.1	—	54.9	56.1	54.3	54.1	—
203	Canned, cured, and frozen foods .....	260.8	267.6	256.1	252.0	—	211.5	217.4	206.3	203.0	—
2031,6	Canned, cured, and frozen sea foods .....	43.9	46.8	40.3	39.4	—	37.6	40.8	33.6	33.2	—
2032,3	Canned food, except sea foods .....	111.9	115.5	108.6	109.5	—	85.4	88.0	82.2	83.7	—
2037	Frozen fruits and vegetables .....	68.0	67.2	68.2	65.2	—	59.6	58.8	60.4	57.2	—
204	Grain mill products .....	138.0	137.4	136.1	136.1	137.2	96.4	96.1	94.4	94.4	94.8
2041	Flour and other grain mill products .....	26.1	25.5	26.3	26.1	—	18.2	17.7	18.8	18.7	—
2042	Prepared feeds for animals and fowls .....	71.6	72.3	70.1	70.0	—	47.4	48.1	45.9	45.5	—
205	Bakery products .....	247.1	247.6	236.1	234.8	(*)	141.2	141.4	133.6	132.7	(*)
2051	Bread, cake, and related products .....	202.7	204.6	193.6	193.4	—	106.2	107.9	100.5	100.8	—
2052	Cookies and crackers .....	44.4	43.0	42.5	41.4	—	35.0	33.5	33.1	31.9	—
206	Sugar .....	30.3	32.1	31.7	32.6	—	22.3	24.1	23.0	24.3	—
207	Confectionery and related products .....	75.5	74.5	67.1	64.4	(*)	59.0	58.3	50.3	47.8	(*)
2071	Confectionery products .....	57.7	56.8	51.0	47.3	—	45.9	45.3	39.1	35.7	—
208	Beverages .....	218.9	222.5	210.8	212.1	215.3	105.8	109.1	101.9	102.9	105.0
2082	Malt liquors .....	50.5	51.6	49.9	51.2	—	33.3	34.5	33.3	34.6	—
2086	Bottled and canned soft drinks .....	124.2	126.8	117.7	118.3	—	46.1	47.9	42.5	42.9	—
209	Miscellaneous foods and kindred products .....	148.3	147.5	141.3	140.3	140.9	97.6	96.7	90.3	89.3	89.9
21	<b>TOBACCO MANUFACTURES</b> .....	73.4	71.1	71.4	68.3	67.8	59.8	57.9	58.4	55.6	55.1
211	Cigarettes .....	46.8	46.3	44.7	44.5	—	37.9	37.5	36.1	36.0	—
212	Cigars .....	14.6	13.7	13.2	13.0	—	12.9	12.0	11.7	11.6	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	1,020.9	1,017.8	856.9	872.9	892.3	893.1	890.4	737.4	754.0	772.8
221	Weaving mills, cotton .....	194.1	193.6	165.1	165.1	(*)	175.7	175.2	148.2	148.4	(*)
222	Weaving mills, synthetics .....	119.1	119.1	100.4	102.0	(*)	106.1	106.0	88.1	89.7	(*)
223	Weaving and finishing mills, wool .....	26.0	25.3	20.1	20.1	20.6	22.0	21.3	16.4	16.4	16.8
224	Narrow fabric mills .....	30.6	30.2	21.8	22.3	(*)	27.1	26.8	18.6	19.1	(*)
225	Knitting mills .....	275.6	276.2	242.6	246.4	249.8	238.5	239.3	207.4	211.2	214.6
2251	Women's hosiery, except socks .....	42.3	41.9	40.2	40.4	—	37.2	36.8	35.4	35.5	—
2252	Hosiery, nec .....	35.3	35.4	32.5	32.7	—	31.5	31.5	28.7	29.0	—
2253	Knit outerwear mills .....	85.4	86.3	72.1	74.2	—	72.8	73.7	60.2	62.4	—
2254	Knit underwear mills .....	37.2	37.8	35.3	34.9	—	33.1	33.7	31.0	30.3	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr 1974	May 1974	Mar 1975	Apr 1975p	May 1975p	Apr 1974	May 1974	Mar 1975	Apr 1975p	May 1975p
<b>NONDURABLE GOODS—Continued</b>											
<b>TEXTILE MILL PRODUCTS—Continued</b>											
226	Textile finishing, except wool	83.7	84.1	72.0	73.3	(*)	70.3	70.9	59.9	61.4	(*)
227	Floor covering mills	64.5	64.5	53.8	54.5	—	51.8	51.4	42.0	42.9	—
228	Yarn and thread mills	156.8	155.2	124.4	131.0	(*)	143.9	142.4	111.5	118.0	(*)
229	Miscellaneous textile goods	70.5	69.6	56.7	58.2	(*)	57.7	57.1	45.3	46.9	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	1,357.4	1,364.7	1,172.3	1,183.1	1,196.0	1,172.6	1,179.1	1,002.4	1,012.9	1,023.4
231	Men's and boys' suits and coats	109.6	109.1	89.1	88.1	(*)	95.5	95.2	77.0	76.2	(*)
232	Men's and boys' furnishings	391.7	395.6	335.6	337.7	(*)	337.3	340.9	286.0	287.2	(*)
2321	Men's and boys' shirts and nightwear	120.3	122.0	104.1	104.4	—	105.8	107.5	90.2	90.5	—
2327	Men's and boys' separate trousers	92.3	93.0	78.9	78.5	—	81.2	82.0	69.1	68.1	—
2328	Men's and boys' work clothing	94.5	94.4	77.8	81.2	—	77.9	77.5	63.5	66.2	—
233	Women's and misses' outerwear	416.8	416.1	368.1	368.8	359.4	367.6	365.8	321.5	322.6	311.5
2331	Women's and misses' blouses and waists	46.2	46.0	42.8	42.9	—	41.1	40.9	37.7	37.7	—
2335	Women's and misses' dresses	201.8	198.3	173.1	177.6	—	181.2	176.8	155.2	159.4	—
2337	Women's and misses' suits and coats	58.0	63.5	53.7	48.7	—	49.4	54.9	44.4	40.2	—
2339	Women's and misses' outerwear, nec	110.8	108.3	98.5	99.6	—	95.9	93.2	84.2	85.3	—
234	Women's and children's undergarments	107.5	106.8	90.6	92.5	(*)	91.8	91.1	76.6	79.0	(*)
2341	Women's and children's underwear	80.5	80.3	67.8	69.9	—	69.7	69.4	58.3	60.8	—
2342	Corsets and allied garments	27.0	26.5	22.8	22.6	—	22.1	21.7	18.3	18.2	—
235	Hats, caps, and millinery	15.0	14.7	15.3	15.4	—	13.5	13.1	13.6	13.7	—
236	Children's outerwear	74.3	76.5	65.3	67.0	(*)	64.6	66.7	56.1	57.7	(*)
2361	Children's dresses and blouses	33.3	34.2	27.6	28.7	—	30.1	30.9	24.6	25.7	—
237,8	Fur goods and miscellaneous apparel	69.7	71.1	59.3	59.8	—	58.7	60.4	50.3	51.0	—
239	Miscellaneous fabricated textile products	172.8	174.8	149.0	153.8	(*)	143.6	145.9	121.3	125.5	(*)
2391,2	Housefurnishings	71.7	70.9	58.6	59.7	—	60.9	59.9	48.3	49.2	—
26	<b>PAPER AND ALLIED PRODUCTS</b>	709.2	707.7	634.7	630.3	632.4	547.5	546.6	473.9	471.2	474.1
261,2,6	Paper and pulp mills	209.4	208.1	191.9	191.8	192.0	162.8	161.9	145.4	145.3	146.2
263	Paperboard mills	68.6	68.8	63.8	63.7	(*)	55.1	55.5	49.8	49.7	(*)
264	Miscellaneous converted paper products	207.2	207.0	187.2	185.2	183.4	152.7	152.6	133.2	132.3	130.5
2643	Bags, except textile bags	46.2	45.6	42.0	40.3	—	37.9	37.1	33.2	31.8	—
265	Paperboard containers and boxes	224.0	223.8	191.8	189.6	(*)	176.9	176.6	145.5	143.9	(*)
2651,2	Folding and setup paperboard boxes	63.9	64.0	53.9	53.1	—	52.1	52.2	42.4	41.8	—
2653	Corrugated and solid fiber boxes	108.6	108.1	92.2	91.5	—	82.7	82.0	66.6	66.1	—
2654	Sanitary food containers	30.6	30.9	28.4	27.9	—	25.0	25.4	23.0	22.7	—
27	<b>PRINTING AND PUBLISHING</b>	1,109.7	1,109.4	1,082.7	1,077.4	1,068.2	667.1	666.8	639.6	635.2	626.8
271	Newspapers	381.0	381.0	375.4	374.5	373.9	173.8	173.0	167.8	167.3	166.9
272	Periodicals	68.5	68.3	70.1	69.3	—	19.7	19.6	19.9	19.3	—
273	Books	100.7	101.8	101.7	101.7	—	55.9	57.0	55.6	55.4	—
275	Commercial printing	363.2	361.3	351.7	350.3	(*)	277.9	276.3	265.5	264.2	(*)
2751	Commercial printing, except lithographic	207.5	206.5	201.5	200.7	—	161.8	160.5	154.3	153.4	—
2752	Commercial printing, lithographic	143.8	143.4	138.7	138.1	—	107.3	107.4	102.6	102.2	—
278	Blankbooks and bookbinding	55.0	55.2	49.5	49.0	48.4	45.9	46.0	40.6	40.1	39.8
274,6,7,9	Other publishing and printing ind	141.3	141.8	134.3	132.6	(*)	93.9	94.9	90.2	88.9	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	1,051.1	1,053.6	1,010.8	1,004.8	1,003.8	611.8	611.2	567.6	562.2	561.8
281	Industrial chemicals	317.5	318.5	326.0	322.6	320.9	170.5	169.8	174.5	171.1	169.5
2812	Alkalies and chlorine	25.1	25.1	26.2	26.1	—	17.7	17.8	18.9	18.7	—
2818	Industrial organic chemicals	125.0	125.4	133.5	132.2	—	52.1	52.6	58.7	57.4	—
2819	Industrial inorganic chemicals, nec	100.3	99.8	104.3	103.5	—	57.3	56.0	58.9	57.9	—
282	Plastics materials and synthetics	227.0	227.3	193.5	192.4	192.3	156.0	156.3	123.5	122.6	123.3
2821	Plastics materials and resins	94.1	93.8	84.2	83.1	—	59.4	59.1	49.5	48.7	—
2823,4	Synthetic fibers	120.2	120.7	97.6	97.6	—	87.7	88.3	66.0	66.0	—
283	Drugs	161.1	162.8	160.9	161.6	162.1	81.5	82.7	79.8	80.5	80.7
2834	Pharmaceutical preparations	128.4	129.9	128.3	128.9	—	62.9	63.9	61.1	61.9	—
284	Soap, cleaners, and toilet goods	124.3	125.1	210.7	120.1	120.6	71.3	71.5	68.0	67.6	68.3
2841	Soap and other detergents	38.8	39.0	38.0	37.8	—	26.1	25.9	25.1	24.8	—
2844	Toilet preparations	51.9	52.9	50.9	50.4	—	27.8	28.7	27.5	27.1	—
285	Paints and allied products	70.3	70.6	63.2	63.2	63.8	38.9	39.0	33.1	33.0	33.6
287	Agricultural chemicals	57.8	56.8	62.6	63.0	62.2	36.4	35.4	39.7	39.8	39.2
2871,2	Fertilizers, complete and mixing only	38.5	37.7	41.7	41.9	—	26.7	25.9	29.0	28.9	—
286,9	Other chemical products	93.1	92.5	83.9	81.9	81.9	57.2	56.5	49.0	47.6	47.2
2892	Explosives	23.2	23.4	20.5	19.9	—	15.0	15.3	13.5	13.4	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	191.7	195.8	185.2	186.3	187.5	120.4	124.7	115.1	116.3	116.4
291	Petroleum refining	151.6	154.2	149.1	149.3	(*)	91.3	93.9	89.8	90.3	(*)
295,9	Other petroleum and coal products	40.1	41.6	36.1	37.0	38.8	29.1	30.8	25.3	26.0	27.5

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>
<b>NONDURABLE GOODS—Continued</b>											
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC...</b>	675.7	678.1	567.3	572.8	578.2	530.0	532.9	428.8	433.9	439.0
301	Tires and inner tubes .....	131.3	129.1	115.8	117.8	(*)	94.8	93.3	82.0	83.9	(*)
302,3,6	Other rubber products .....	175.7	178.0	149.6	150.5	149.7	138.1	140.4	115.6	116.3	115.5
302	Rubber footwear .....	27.2	27.4	24.8	24.6	—	23.5	23.6	21.1	20.9	—
307	Miscellaneous plastics products .....	368.7	371.0	301.9	304.5	309.2	297.1	299.2	231.2	233.7	238.0
31	<b>LEATHER AND LEATHER PRODUCTS .....</b>	288.5	290.4	249.4	249.9	258.9	246.5	248.4	210.5	211.6	220.4
311	Leather tanning and finishing .....	21.8	22.1	21.6	22.0	22.5	18.7	18.8	18.6	18.8	19.4
314	Footwear, except rubber .....	185.9	186.8	159.3	159.7	(*)	160.7	162.0	136.7	137.6	(*)
312,3,5,7,9	Other leather products .....	80.8	81.5	68.5	68.2	71.4	67.1	67.6	55.2	55.2	58.3
316	Luggage .....	18.2	18.3	13.8	14.4	—	14.4	14.6	10.7	11.3	—
317	Handbags and personal leather goods .....	34.8	35.2	32.1	31.2	—	29.4	29.6	25.7	25.0	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES .....</b>	4,671	4,701	4,476	4,479	4,499	4,038	4,066	3,833	3,835	3,852
40	<b>RAILROAD TRANSPORTATION .....</b>	577.4	586.2	538.6	540.3	—	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	520.6	528.9	488.8	490.5	—	—	—	—	—	—
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT .....</b>	277.5	281.9	279.5	278.9	—	—	—	—	—	—
411	Local and suburban transportation .....	71.5	70.5	72.9	72.8	—	67.0	66.0	67.9	67.8	—
412	Taxicabs .....	95.1	92.9	87.5	86.1	—	—	—	—	—	—
413	Intercity highway transportation .....	40.7	41.6	36.7	37.6	—	36.5	37.6	32.8	33.6	—
42	<b>TRUCKING AND WAREHOUSING .....</b>	1,174.1	1,181.9	1,051.4	1,051.9	—	1,055.5	1,062.3	933.5	933.8	—
421,3	Trucking and trucking terminals .....	1,081.6	1,090.6	961.6	964.0	—	974.8	982.7	856.1	858.3	—
422	Public warehousing .....	92.5	91.3	89.8	87.9	—	80.7	79.6	77.4	75.5	—
45	<b>TRANSPORTATION BY AIR .....</b>	356.8	359.0	360.7	361.7	—	—	—	—	—	—
451,2	Air transportation .....	319.8	322.1	323.7	324.6	—	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION .....</b>	16.0	16.1	16.1	16.1	—	12.3	12.4	12.4	12.3	—
44,47	<b>OTHER TRANSPORTATION AND SERVICES .....</b>	340.6	345.5	326.1	325.7	—	—	—	—	—	—
44	<b>WATER TRANSPORTATION .....</b>	208.4	212.9	190.9	190.1	—	—	—	—	—	—
47	<b>TRANSPORTATION SERVICES .....</b>	132.2	132.6	135.2	135.6	—	—	—	—	—	—
48	<b>COMMUNICATION .....</b>	1,183.3	1,185.5	1,166.9	1,164.3	—	918.1	920.3	898.1	895.4	—
481	Telephone communication .....	986.9	988.7	965.3	963.0	—	762.9	764.3	737.4	734.8	—
482	Telegraph communication <sup>3</sup> .....	18.3	18.5	17.6	17.6	—	12.5	12.8	12.2	12.2	—
483	Radio and television broadcasting .....	148.8	149.4	151.7	150.9	—	119.4	119.4	121.0	120.3	—
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES .....</b>	744.8	745.3	736.9	739.7	—	629.8	629.3	616.4	619.6	—
491	Electric companies and systems .....	324.0	323.7	318.8	317.9	—	272.5	271.9	265.1	264.7	—
492	Gas companies and systems .....	160.8	160.2	158.3	160.7	—	134.3	133.8	130.9	133.4	—
493	Combination companies and systems .....	198.3	198.8	196.4	196.5	—	169.6	169.6	166.0	165.9	—
494-7	Water, steam, and sanitary systems .....	61.7	62.6	63.4	64.6	—	53.4	54.0	54.4	55.6	—
—	<b>WHOLESALE AND RETAIL TRADE .....</b>	16,851	16,964	16,509	16,688	16,821	14,916	15,017	14,539	14,689	14,816
50	<b>WHOLESALE TRADE .....</b>	4,208	4,228	4,173	4,172	4,182	3,511	3,527	3,457	3,455	3,463
501	Motor vehicles and automotive equipment .....	377.2	379.9	360.5	360.6	—	303.2	305.5	293.5	293.6	—
502	Drugs, chemicals, and allied products .....	251.0	252.5	248.1	247.0	—	205.4	206.0	201.0	199.9	—
503	Dry goods and apparel .....	162.3	161.9	155.4	153.0	—	126.7	126.0	121.4	118.2	—
504	Groceries and related products .....	577.6	582.3	588.4	592.6	—	505.7	508.3	509.9	515.0	—
506	Electrical goods .....	331.7	331.4	313.4	311.9	—	283.1	284.0	265.1	262.9	—
507	Hardware; plumbing and heating equipment .....	192.7	193.6	182.7	182.0	—	162.6	163.1	151.7	151.0	—
508	Machinery, equipment, and supplies .....	871.0	877.2	884.4	885.6	—	728.2	733.9	735.1	735.5	—
509	Miscellaneous wholesalers .....	1,340.2	1,345.3	1,332.5	1,334.6	—	1,111.2	1,115.7	1,092.2	1,094.3	—
52-59	<b>RETAIL TRADE .....</b>	12,643	12,736	12,336	12,516	12,639	11,405	11,490	11,082	11,234	11,353
53	<b>Retail General Merchandise .....</b>	2,570.3	2,584.4	2,462.6	2,472.0	—	2,357.3	2,371.3	2,242.6	2,248.8	—
531	Department stores .....	1,710.4	1,725.1	1,630.4	1,636.3	—	1,571.1	1,584.8	1,488.0	1,492.3	—
532	Mail order houses .....	134.8	132.7	122.1	119.5	—	127.0	124.9	115.4	112.7	—
533	Variety stores .....	333.7	327.2	321.7	321.0	—	313.3	307.7	298.0	295.8	—
54	<b>FOOD STORES .....</b>	1,918.9	1,924.8	1,922.2	1,918.0	—	1,781.7	1,787.2	1,783.4	1,778.4	—
541-3	Grocery, meat, and vegetable stores .....	1,737.7	1,748.7	1,753.3	1,748.6	—	1,611.9	1,622.5	1,626.2	1,621.0	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
-	<b>WHOLESALE AND RETAIL TRADE—Continued</b>										
56	<b>APPAREL AND ACCESSORY STORES</b> .....	755.7	736.3	708.3	712.0	-	668.4	648.8	617.3	621.2	-
561	Men's and boys' clothing and furnishings .....	133.0	131.8	123.4	122.9	-	116.7	115.3	106.8	106.7	-
562	Women's ready-to-wear stores .....	291.2	288.3	274.0	277.6	-	257.8	255.0	240.0	243.7	-
565	Family clothing stores .....	106.8	105.5	101.9	101.3	-	98.4	97.3	92.8	91.8	-
566	Shoe stores .....	160.6	146.8	146.7	147.6	-	138.7	124.7	122.9	123.9	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	525.1	527.1	497.6	496.3	-	450.9	452.0	421.9	421.5	-
571	Furniture and home furnishings .....	329.2	330.5	306.7	304.9	-	283.5	284.3	259.8	259.1	-
58	<b>EATING AND DRINKING PLACES</b> .....	3,160.5	3,208.7	3,081.3	3,226.0	-	2,952.0	2,999.9	2,873.0	2,993.3	-
52,55,59	<b>OTHER RETAIL TRADE</b> .....	3,712.7	3,754.2	3,664.1	3,691.2	-	3,195.0	3,231.0	3,143.3	3,171.0	-
52	Building materials and farm equipment .....	616.6	629.3	570.8	579.8	-	528.3	541.0	483.4	492.9	-
55	Automotive dealers and service stations .....	1,689.4	1,709.6	1,673.9	1,691.5	-	-	-	-	-	-
551.2	Motor vehicle dealers .....	785.0	785.2	747.4	746.9	-	653.3	653.9	621.3	621.2	-
553.9	Other automotive and accessory dealers .....	314.9	322.9	298.2	307.6	-	264.9	273.1	249.2	257.9	-
554	Gasoline service stations .....	589.5	601.5	628.3	637.0	-	-	-	-	-	-
59	Miscellaneous retail stores .....	1,406.7	1,415.3	1,419.4	1,419.9	-	-	-	-	-	-
591	Drug stores and proprietary stores .....	459.0	465.6	465.3	464.0	-	409.3	415.7	415.4	414.5	-
594	Book and stationery stores .....	75.2	74.8	76.4	75.9	-	64.8	64.2	65.4	65.1	-
596	Farm and garden supply stores .....	137.0	135.3	134.1	137.4	-	-	-	-	-	-
598	Fuel and ice dealers .....	102.0	99.0	104.7	101.7	-	87.1	84.2	89.2	86.4	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....	4,137	4,161	4,132	4,147	4,160	3,182	3,200	3,135	3,149	3,164
60	Banking .....	1,223.6	1,231.7	1,254.8	1,254.2	-	965.3	970.8	990.6	989.1	-
61	Credit agencies other than banks .....	438.0	439.5	436.8	438.6	-	338.1	338.6	334.2	335.8	-
612	Savings and loan associations .....	150.5	151.9	159.4	161.1	-	121.6	122.9	127.5	128.9	-
614	Personal credit institutions .....	210.2	210.3	203.4	203.5	-	-	-	-	-	-
62	Security, commodity brokers and services .....	182.8	181.6	170.1	171.5	-	150.0	148.6	137.9	139.5	-
63	Insurance carriers .....	1,100.5	1,103.4	1,115.3	1,116.0	-	752.2	754.0	743.1	744.4	-
631	Life insurance .....	538.1	537.7	543.0	543.8	-	312.6	312.3	313.5	314.1	-
632	Accident and health insurance .....	105.1	106.8	115.3	115.6	-	88.1	89.5	95.9	96.2	-
633	Fire, marine, and casualty insurance .....	403.7	404.9	405.9	404.9	-	306.6	307.2	292.1	291.9	-
64	Insurance agents, brokers, and service .....	313.3	314.8	325.2	324.8	-	-	-	-	-	-
65	Real estate .....	769.1	779.9	718.7	730.6	-	-	-	-	-	-
655	Subdividers and developers .....	125.3	134.9	105.5	114.6	-	-	-	-	-	-
656	Operative builders .....	59.7	59.6	43.8	43.7	-	-	-	-	-	-
66,67	Other finance, insurance, and real estate .....	109.7	110.1	111.4	111.2	-	-	-	-	-	-
-	<b>SERVICES</b> .....	13,380	13,536	13,658	13,772	13,898	12,103	12,248	12,317	12,420	12,537
70	Hotels and other lodging places .....	870.8	910.2	906.6	922.5	-	-	-	-	-	-
701	Hotels, tourist courts, and motels .....	737.3	775.0	745.7	766.6	-	683.8	720.7	690.9	710.7	-
72	Personal services .....	863.8	869.6	826.4	829.6	-	-	-	-	-	-
721	Laundries and dry cleaning plants .....	380.0	382.6	357.2	357.3	-	342.7	346.0	320.3	320.1	-
722	Photographic studios .....	43.5	43.4	42.0	42.2	-	38.7	38.6	37.0	37.2	-
73	Miscellaneous business services .....	1,923.2	1,950.6	1,917.8	1,918.6	-	-	-	-	-	-
731	Advertising .....	120.3	120.5	118.6	118.1	-	-	-	-	-	-
732	Credit reporting and collection .....	80.7	81.0	78.9	79.3	-	-	-	-	-	-
734	Services to buildings .....	382.9	386.3	385.4	386.5	-	-	-	-	-	-
76	Miscellaneous repair services .....	218.4	218.2	210.8	206.7	-	-	-	-	-	-
78	Motion pictures .....	202.2	205.6	189.9	194.1	-	-	-	-	-	-
781	Motion picture filming and distributing .....	56.1	58.2	57.1	55.3	-	42.5	43.9	42.0	41.9	-
782,3	Motion picture theaters and services .....	146.1	147.4	132.8	138.8	-	-	-	-	-	-
80	Medical and other health services .....	3,864.1	3,901.0	4,151.8	4,166.3	-	-	-	-	-	-
806	Hospitals .....	2,128.2	2,140.0	2,266.4	2,271.2	-	1,951.3	1,961.3	2,072.6	2,076.8	-
81	Legal services .....	299.1	300.6	316.5	315.9	-	-	-	-	-	-
82	Educational services .....	1,288.0	1,271.0	1,352.9	1,341.4	-	-	-	-	-	-
821	Elementary and secondary schools .....	419.2	418.1	433.6	430.4	-	-	-	-	-	-
822	Colleges and universities .....	710.7	694.6	750.3	742.5	-	-	-	-	-	-
89	Miscellaneous services .....	836.3	835.9	884.1	876.3	-	-	-	-	-	-
891	Engineering and architectural services .....	388.4	394.8	402.9	400.8	-	-	-	-	-	-
892	Nonprofit research agencies .....	124.3	125.5	136.7	137.7	-	-	-	-	-	-

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>
—	<b>GOVERNMENT</b> .....	14,366	14,393	15,066	15,078	15,134	—	—	—	—	—
91	<b>FEDERAL GOVERNMENT</b> <sup>5</sup> .....	2,708	2,722	2,724	2,732	2,743	—	—	—	—	—
	Executive .....	2,664.1	2,677.3	2,677.8	2,685.1	—	—	—	—	—	
	Department of Defense .....	958.2	966.4	951.3	951.4	—	—	—	—	—	
	Postal Service .....	702.7	701.7	694.6	694.2	—	—	—	—	—	
	Other agencies .....	1,003.2	1,009.2	1,031.9	1,039.5	—	—	—	—	—	
	Legislative .....	34.7	35.0	36.5	36.2	—	—	—	—	—	
	Judicial .....	9.3	9.3	10.1	10.2	—	—	—	—	—	
92,93	<b>STATE AND LOCAL GOVERNMENT</b> .....	11,658	11,671	12,342	12,346	12,391	—	—	—	—	
92	State government .....	3,088.0	3,070.0	3,252.9	3,256.1	—	—	—	—	—	
	State education .....	1,344.5	1,318.7	1,431.0	1,422.7	—	—	—	—	—	
	Other State government .....	1,743.5	1,751.3	1,821.9	1,833.4	—	—	—	—	—	
93	Local government .....	8,569.6	8,601.4	9,089.2	9,089.4	—	—	—	—	—	
	Local education .....	4,929.4	4,926.7	5,262.3	5,236.1	—	—	—	—	—	
	Other local government .....	3,640.2	3,674.7	3,826.9	3,853.3	—	—	—	—	—	

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

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

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

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

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

\* Not available.  
p=preliminary.



**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**
**B-5. Employees on nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

(In thousands)

Industry division and group	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. p	May p
<b>TOTAL</b> .....	78,357	78,421	78,479	78,661	78,844	78,865	78,404	77,690	77,227	76,708	76,368	76,381	76,443
<b>GOODS-PRODUCING</b> .....	24,885	24,847	24,764	24,753	24,733	24,585	24,187	23,606	23,207	22,595	22,338	22,273	22,230
<b>MINING</b> .....	668	669	675	676	682	692	693	662	700	702	706	702	705
<b>CONTRACT CONSTRUCTION</b> .....	4,066	3,994	3,920	3,965	3,939	3,911	3,861	3,798	3,789	3,596	3,486	3,470	3,435
<b>MANUFACTURING</b> .....	20,151	20,184	20,169	20,112	20,112	19,982	19,633	19,146	18,718	18,297	18,146	18,101	18,090
<b>DURABLE GOODS</b> .....	11,908	11,959	11,959	11,899	11,906	11,841	11,611	11,291	11,010	10,722	10,635	10,565	10,513
Ordnance and accessories .....	179	180	182	183	183	184	182	182	182	182	182	182	183
Lumber and wood products .....	658	650	647	637	628	610	586	575	556	544	545	550	560
Furniture and fixtures .....	540	538	531	533	529	518	497	483	463	449	442	446	447
Stone, clay, and glass products .....	699	692	696	694	686	678	667	652	632	618	609	607	613
Primary metal industries .....	1,326	1,334	1,332	1,339	1,349	1,353	1,336	1,304	1,277	1,235	1,206	1,181	1,163
Fabricated metal products .....	1,495	1,504	1,513	1,504	1,496	1,479	1,452	1,403	1,352	1,331	1,312	1,310	1,297
Machinery, except electrical .....	2,184	2,203	2,197	2,217	2,228	2,239	2,227	2,199	2,165	2,129	2,102	2,070	2,026
Electrical equipment and supplies .....	2,050	2,052	2,057	2,004	2,016	2,000	1,939	1,876	1,835	1,771	1,754	1,735	1,731
Transportation equipment .....	1,791	1,813	1,814	1,803	1,809	1,807	1,769	1,683	1,626	1,556	1,587	1,593	1,605
Instruments and related products .....	529	536	535	534	534	532	526	520	514	505	498	494	487
Miscellaneous manufacturing .....	457	457	455	451	448	441	430	414	408	402	398	397	401
<b>NONDURABLE GOODS</b> .....	8,243	8,225	8,210	8,213	8,206	8,141	8,022	7,855	7,708	7,575	7,511	7,536	7,577
Food and kindred products .....	1,732	1,712	1,702	1,713	1,724	1,719	1,705	1,692	1,671	1,664	1,666	1,669	1,674
Tobacco manufactures .....	79	79	79	77	75	77	75	76	79	78	76	74	75
Textile mill products .....	1,019	1,019	1,008	1,011	1,004	978	954	919	881	860	857	875	893
Apparel and other textile products .....	1,362	1,354	1,357	1,341	1,336	1,320	1,291	1,236	1,204	1,178	1,165	1,182	1,194
Paper and allied products .....	714	712	712	710	711	701	691	678	666	650	639	634	638
Printing and publishing .....	1,113	1,114	1,114	1,115	1,113	1,112	1,104	1,101	1,098	1,089	1,083	1,078	1,071
Chemicals and allied products .....	1,056	1,061	1,063	1,069	1,073	1,071	1,065	1,050	1,038	1,027	1,014	1,007	1,006
Petroleum and coal products .....	196	196	196	195	194	195	196	195	190	187	190	189	187
Rubber and plastics products, nec .....	682	690	690	696	693	690	664	638	619	586	570	576	581
Leather and leather products .....	290	288	289	286	283	278	277	270	262	256	251	252	258
<b>SERVICE-PRODUCING</b> .....	53,472	53,574	53,715	53,908	54,111	54,280	54,217	54,084	54,020	54,113	54,030	54,108	54,213
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,701	4,698	4,693	4,701	4,679	4,699	4,697	4,668	4,607	4,561	4,512	4,511	4,499
<b>WHOLESALE AND RETAIL TRADE</b> ..	16,994	17,031	17,107	17,140	17,166	17,160	17,048	16,912	16,863	16,832	16,799	16,818	16,850
<b>WHOLESALE TRADE</b> .....	4,258	4,261	4,261	4,272	4,275	4,287	4,283	4,267	4,242	4,222	4,211	4,214	4,211
<b>RETAIL TRADE</b> .....	12,736	12,770	12,846	12,868	12,891	12,873	12,765	12,645	12,621	12,610	12,588	12,604	12,639
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,161	4,156	4,157	4,168	4,176	4,185	4,183	4,182	4,173	4,164	4,157	4,164	4,160
<b>SERVICES</b> .....	13,429	13,488	13,516	13,573	13,647	13,705	13,721	13,734	13,747	13,771	13,754	13,758	13,788
Hotels and other lodging places .....	915	921	920	936	943	947	954	945	955	962	955	954	-
Personal services .....	865	857	862	858	856	853	847	844	839	834	831	831	-
Medical and other health services .....	3,905	3,932	3,964	3,997	4,018	4,049	4,076	4,098	4,126	4,141	4,160	4,179	-
Educational services .....	1,220	1,215	1,218	1,219	1,250	1,256	1,259	1,261	1,256	1,273	1,274	1,271	-
<b>GOVERNMENT</b> .....	14,187	14,201	14,242	14,326	14,443	14,531	14,568	14,588	14,630	14,785	14,808	14,857	14,916
<b>FEDERAL</b> .....	2,711	2,715	2,735	2,740	2,747	2,748	2,746	2,738	2,733	2,733	2,732	2,729	2,732
<b>STATE AND LOCAL</b> .....	11,476	11,486	11,507	11,586	11,696	11,783	11,822	11,850	11,897	12,052	12,076	12,128	12,184

p = preliminary

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

**B-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>TOTAL</b> .....	53,037	53,059	53,050	53,109	53,171	53,091	52,591	51,851	51,445	50,768	50,434	50,373	50,426
<b>GOODS-PRODUCING</b> .....	18,575	18,529	18,436	18,427	18,409	18,268	17,894	17,345	17,004	16,414	16,176	16,129	16,128
<b>MINING</b> .....	508	509	512	512	517	525	526	492	534	534	536	531	534
<b>CONTRACT CONSTRUCTION</b> .....	3,328	3,259	3,188	3,240	3,221	3,195	3,146	3,077	3,078	2,884	2,774	2,758	2,741
<b>MANUFACTURING</b> .....	14,739	14,761	14,736	14,675	14,671	14,548	14,222	13,776	13,392	12,996	12,866	12,840	12,853
<b>DURABLE GOODS</b> .....	8,682	8,714	8,702	8,640	8,651	8,593	8,380	8,086	7,838	7,567	7,499	7,438	7,414
Ordnance and accessories .....	85	83	84	84	86	86	85	86	85	85	85	85	85
Lumber and wood products .....	561	553	549	541	532	514	491	481	463	449	452	455	468
Furniture and fixtures .....	444	443	438	437	433	421	404	390	371	360	354	357	359
Stone, clay, and glass products .....	561	555	557	557	548	541	531	516	499	486	478	477	481
Primary metal industries .....	1,059	1,067	1,063	1,069	1,082	1,084	1,068	1,035	1,011	969	940	917	902
Fabricated metal products .....	1,145	1,151	1,160	1,152	1,144	1,128	1,103	1,059	1,011	992	976	976	963
Machinery, except electrical .....	1,475	1,486	1,476	1,490	1,500	1,508	1,494	1,467	1,440	1,404	1,380	1,351	1,332
Electrical equipment and supplies .....	1,399	1,398	1,400	1,353	1,368	1,354	1,299	1,242	1,208	1,152	1,135	1,123	1,123
Transportation equipment .....	1,264	1,286	1,284	1,269	1,277	1,285	1,249	1,176	1,126	1,060	1,100	1,101	1,106
Instruments and related products .....	330	334	333	333	331	329	324	318	314	305	298	295	290
Miscellaneous manufacturing .....	359	358	358	355	350	343	332	316	310	305	301	301	305
<b>NONDURABLE GOODS</b> .....	6,057	6,047	6,034	6,035	6,020	5,955	5,842	5,690	5,554	5,429	5,367	5,402	5,439
Food and kindred products .....	1,184	1,165	1,157	1,170	1,180	1,174	1,160	1,150	1,132	1,125	1,125	1,131	1,136
Tobacco manufactures .....	65	65	65	64	61	64	62	63	66	65	63	62	62
Textile mill products .....	892	891	881	883	876	850	827	797	760	740	737	755	774
Apparel and other textile products .....	1,176	1,170	1,173	1,157	1,152	1,136	1,112	1,059	1,032	1,009	995	1,013	1,020
Paper and allied products .....	552	550	551	548	547	536	528	516	504	489	478	475	478
Printing and publishing .....	669	673	673	673	669	667	658	656	654	645	639	635	629
Chemicals and allied products .....	612	617	620	624	626	625	617	602	589	580	568	562	563
Petroleum and coal products .....	124	124	124	123	123	124	124	123	117	114	119	119	116
Rubber and plastics products, nec .....	536	545	543	548	544	542	517	493	477	446	431	437	442
Leather and leather products .....	247	247	247	245	242	237	237	231	223	216	212	213	219
<b>SERVICE-PRODUCING</b> .....	34,462	34,530	34,614	34,682	34,762	34,823	34,697	34,506	34,441	34,354	34,258	34,244	34,298
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,066	4,056	4,055	4,058	4,034	4,055	4,050	4,016	3,961	3,916	3,868	3,866	3,852
<b>WHOLESALE AND RETAIL TRADE</b> .....	15,045	15,087	15,151	15,173	15,205	15,193	15,084	14,917	14,894	14,853	14,823	14,818	14,844
<b>WHOLESALE TRADE</b> .....	3,555	3,559	3,559	3,565	3,568	3,574	3,567	3,553	3,530	3,508	3,492	3,493	3,491
<b>RETAIL TRADE</b> .....	11,490	11,528	11,592	11,608	11,637	11,619	11,517	11,364	11,364	11,345	11,331	11,325	11,353
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,200	3,199	3,193	3,196	3,203	3,207	3,187	3,188	3,182	3,174	3,163	3,165	3,164
<b>SERVICES</b> .....	12,151	12,188	12,215	12,255	12,320	12,368	12,376	12,385	12,404	12,411	12,404	12,395	12,438

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

<sup>P</sup>preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**
**B-7. Indexes of diffusion of changes in number of employees on payrolls in 172 private nonagricultural industries, 1972 to date**

Year and month	Span			
	1-month	3-months	6-months	12-months
<b>1972</b>				
January .....	68.6	71.2	78.8	77.3
February .....	70.6	80.5	82.0	81.7
March .....	75.0	80.8	84.9	79.7
April .....	76.2	84.0	79.7	82.3
May .....	75.6	82.8	81.1	84.3
June .....	77.6	74.4	82.6	84.3
July .....	45.6	74.4	84.6	83.7
August .....	73.0	74.4	82.0	84.0
September .....	74.7	82.0	80.2	85.2
October .....	82.6	83.4	82.8	83.1
November .....	73.5	79.4	82.3	82.0
December .....	75.3	80.5	84.6	84.3
<b>1973</b>				
January .....	73.8	82.0	82.3	80.5
February .....	73.3	81.1	77.9	83.1
March .....	76.2	79.4	80.8	84.9
April .....	66.9	77.0	75.9	85.8
May .....	57.8	73.3	76.5	86.3
June .....	72.1	66.6	74.7	84.0
July .....	59.9	73.0	73.8	79.1
August .....	66.6	68.6	74.7	74.4
September .....	59.6	74.7	71.8	68.9
October .....	75.9	78.2	72.1	64.5
November .....	77.3	72.4	68.3	65.1
December .....	58.7	68.6	62.5	61.6
<b>1974</b>				
January .....	62.5	54.9	55.8	61.6
February .....	47.1	50.9	50.9	59.0
March .....	48.0	44.8	50.0	54.9
April .....	54.1	51.7	49.4	48.0
May .....	55.5	56.4	50.0	40.7
June .....	58.7	52.0	50.6	30.5
July .....	48.8	46.8	39.5	25.9
August .....	52.3	42.2	34.3	22.4
September .....	38.1	43.6	27.3	20.1
October .....	40.4	29.1	20.3	18.6p
November .....	19.2	20.9	18.0	16.3p
December .....	19.8	13.7	14.2	
<b>1975</b>				
January .....	17.7	13.7	13.7p	
February .....	16.6	14.0	12.8p	
March .....	26.2	19.8p		
April .....	42.2p	39.5p		
May .....	53.5p			
June .....				
July .....				
August .....				
September .....				
October .....				
November .....				
December .....				

p = preliminary.

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division**

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>
1	ALABAMA	1,159.9	1,116.6	1,125.7	9.3	9.3	9.3	70.4	62.9	65.5	353.3	312.0	316.6
2	Birmingham	308.9	309.1	309.6	6.1	6.7	6.8	20.3	19.1	19.7	73.6	69.5	69.0
3	Huntsville	101.1	96.7	98.6	(1)	(1)	(1)	3.9	3.7	3.9	24.1	21.5	22.5
4	Mobile	119.9	120.1	120.0	(1)	(1)	(1)	8.8	8.3	8.3	26.7	25.7	25.2
5	Montgomery	87.1	85.4	85.6	(1)	(1)	(1)	6.3	5.8	5.8	14.6	13.3	13.1
6	Tuscaloosa	47.4	43.2	46.5	(1)	(1)	(1)	3.4	3.2	3.3	12.2	8.1	11.2
7	ALASKA	114.5	124.7	130.0	3.0	3.5	4.0	7.3	11.6	12.7	8.9	6.6	7.7
8	ARIZONA	745.2	727.8	724.5	26.4	24.6	24.3	59.6	49.8	49.4	113.2	98.8	97.4
9	Phoenix	449.9	434.2	431.7	.4	.4	.4	35.1	29.0	28.9	85.6	71.4	70.1
10	Tucson	142.4	141.2	140.8	8.4	8.1	8.0	11.8	10.1	10.2	12.2	11.9	11.9
11	ARKANSAS	637.3	607.2	611.1	4.2	4.1	4.0	34.8	29.0	30.5	204.2	167.6	168.0
12	Fayetteville-Springdale	51.5	48.3	48.8	(1)	(1)	(1)	2.7	2.4	2.5	16.8	13.7	14.2
13	Fort Smith	56.4	50.5	51.4	.3	.3	.3	2.6	2.1	2.2	21.7	16.6	17.2
14	Little Rock-North Little Rock	155.0	149.1	148.7	(1)	(1)	(1)	10.2	8.3	9.1	31.7	26.9	26.2
15	Pine Bluff	27.0	26.2	26.0	(1)	(1)	(1)	1.1	1.0	1.0	6.7	6.0	5.8
16	CALIFORNIA	7,765.6	7,748.0	7,772.1	31.3	31.4	31.6	322.5	269.4	271.5	1,670.6	1,570.3	1,566.4
17	Anaheim-Santa Ana-Garden Grove	546.7	559.8	562.8	2.1	2.2	2.2	28.1	20.9	21.0	154.0	148.3	147.6
18	Bakersfield	99.7	100.1	101.0	7.5	7.3	7.3	4.2	3.7	3.8	9.1	8.7	8.9
19	Fresno	141.4	142.9	144.1	.7	.8	.8	7.2	6.3	6.4	19.4	18.4	18.9
20	Los Angeles-Long Beach	3,078.8	3,034.2	3,031.7	10.7	10.6	11.0	107.1	92.0	92.5	827.4	775.2	769.1
21	Modesto	65.6	66.1	67.1	.1	.1	.1	3.9	3.1	3.3	15.8	15.8	16.1
22	Oxnard-Simi Valley-Ventura	110.2	111.8	112.1	1.8	1.7	1.7	4.8	3.8	3.9	16.8	16.0	15.9
23	Riverside-San Bernardino-Ontario	332.9	332.8	334.9	2.5	2.6	2.6	15.1	11.8	11.8	56.0	51.0	50.9
24	Sacramento	302.0	306.1	308.8	.3	.3	.3	12.5	11.4	11.9	22.5	20.9	21.3
25	Salinas-Seaside-Monterey	73.1	72.0	73.0	.6	.6	.6	3.1	2.3	2.3	9.6	8.6	8.9
26	San Diego	462.3	465.3	467.5	.5	.5	.5	24.3	16.9	17.5	74.5	73.2	72.8
27	San Francisco-Oakland	1,311.9	1,316.8	1,319.8	1.6	1.5	1.5	61.5	56.3	56.5	190.4	187.8	186.8
28	San Jose	463.4	462.0	463.2	.1	.1	.1	18.6	15.9	16.2	155.9	147.4	148.4
29	Santa Barbara-Santa Maria-Lompoc	92.4	93.2	93.0	.7	.7	.7	3.3	2.8	3.0	13.4	12.9	12.3
30	Santa Rosa	62.4	61.8	62.4	.3	.2	.2	3.4	2.7	2.9	9.0	8.3	8.3
31	Stockton	98.7	96.8	98.6	.1	.1	.1	3.9	3.3	3.6	19.1	17.4	18.1
32	Vallejo-Fairfield-Napa	75.1	78.5	79.2	.1	.1	.1	2.1	2.0	2.2	7.6	8.1	8.1
33	COLORADO	950.9	932.3	933.2	15.2	17.2	17.0	66.6	51.5	54.1	142.3	132.0	132.2
34	Denver-Boulder	611.5	598.2	598.1	6.4	6.8	6.9	42.5	34.7	35.6	100.0	92.9	91.9
35	CONNECTICUT	1,263.9	1,214.9	1,219.1	(2)	(2)	(2)	52.2	43.0	45.7	434.2	391.2	387.2
36	Bridgeport	148.8	143.5	144.2	(2)	(2)	(2)	5.2	4.7	5.1	62.8	58.9	58.6
37	Hartford	339.2	333.7	335.4	(2)	(2)	(2)	13.0	10.9	11.7	90.8	85.8	85.2
38	New Britain	47.0	44.5	44.6	(2)	(2)	(2)	1.6	1.5	1.6	24.1	21.7	21.4
39	New Haven	166.3	165.9	167.4	(2)	(2)	(2)	7.4	7.0	7.4	41.8	38.5	38.0
40	Stamford	87.0	86.0	86.5	(2)	(2)	(2)	3.3	2.7	3.0	28.8	27.0	27.0
41	Waterbury	85.3	82.0	82.6	(2)	(2)	(2)	2.9	2.5	2.7	38.1	34.0	34.1
42	DELAWARE	233.3	225.6	224.9	(1)	(1)	(1)	16.3	14.1	14.3	73.1	66.0	65.5
43	Wilmington	207.7	203.0	202.2	(1)	(1)	(1)	15.7	13.6	13.6	69.4	65.0	64.7
44	DISTRICT OF COLUMBIA <sup>3</sup>	696.3	708.3	709.4	(1)	(1)	(1)	24.0	21.8	22.2	15.5	16.3	16.2
45	Washington SMSA	1,321.3	1,332.0	1,334.4	(1)	(1)	(1)	90.8	78.7	79.9	48.6	48.5	48.3
46	FLORIDA	2,872.9	2,771.7	2,748.1	10.1	11.1	11.4	278.3	206.9	197.6	378.0	348.6	346.0
47	Fort Lauderdale-Hollywood	257.4	233.7	231.4	(1)	(1)	(1)	33.8	19.1	18.6	27.2	24.9	24.8
48	Jacksonville	258.4	258.2	258.2	(1)	(1)	(1)	20.9	20.9	20.5	31.5	30.8	30.7
49	Miami	619.7	605.5	601.7	(1)	(1)	(1)	44.9	39.0	38.7	93.1	86.6	86.3
50	Orlando	233.2	222.1	222.3	(1)	(1)	(1)	25.8	15.9	15.7	29.5	25.4	25.1
51	Pensacola	83.0	82.1	82.1	(1)	(1)	(1)	8.1	7.5	7.5	14.3	12.8	12.8
52	Tampa-St. Petersburg	441.2	414.8	410.5	(1)	(1)	(1)	42.9	29.0	28.0	65.8	60.0	59.3
53	West Palm Beach-Boca Raton	147.3	149.1	147.5	(1)	(1)	(1)	17.1	15.3	15.0	19.8	18.5	18.0
54	GEORGIA	1,824.3	1,730.3	1,732.9	7.9	7.2	7.3	109.5	92.0	91.9	490.6	426.4	428.8
55	Atlanta	784.7	755.0	755.6	(1)	(1)	(1)	48.3	42.1	42.0	132.7	122.2	122.3
56	Augusta	101.6	99.2	99.6	(1)	(1)	(1)	6.3	5.8	5.7	32.2	30.4	30.5
57	Columbus	74.2	71.0	71.8	(1)	(1)	(1)	4.5	3.6	3.5	21.8	19.9	20.8
58	Macon	88.6	88.4	88.2	(1)	(1)	(1)	4.7	4.3	4.2	14.6	13.2	13.3
59	Savannah	74.2	71.8	72.0	(1)	(1)	(1)	5.3	4.7	4.8	16.1	14.9	14.8

See footnotes at end of table.





**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Apr. 1974	Mar. 1975	Apr. 1975p	Apr. 1974	Mar. 1975	Apr. 1975p	Apr. 1974	Mar. 1975	Apr. 1975p	Apr. 1974	Mar. 1975	Apr. 1975p
1	HAWAII .....	326.2	339.0	338.7	(1)	(1)	(1)	27.0	29.3	28.9	17.9	22.7	22.4
2	Honolulu .....	279.0	286.8	286.4	(1)	(1)	(1)	23.1	25.2	25.0	14.8	16.3	16.0
3	IDAHO .....	254.2	267.1	271.0	3.5	3.8	3.8	13.7	14.9	16.0	45.9	45.3	45.8
4	Boise City .....	55.1	56.7	56.8	(1)	(1)	(1)	3.8	4.0	4.0	5.7	5.4	5.6
5	ILLINOIS .....	4,420.9	4,276.7	4,297.7	23.1	23.3	23.8	176.8	161.2	175.0	1,339.7	1,206.8	1,195.5
6	Bloomington—Normal .....	45.9	46.0	46.1	(2)	(2)	(2)	2.1	1.3	1.5	7.1	6.4	6.5
7	Champaign—Urbana—Rantoul .....	63.7	64.7	64.7	(2)	(2)	(2)	3.5	2.8	3.1	5.7	5.8	5.8
8	Chicago SMSA <sup>4</sup> .....	3,007.7	2,910.8	2,925.2	4.1	3.9	4.0	120.8	111.1	118.0	912.1	818.0	812.4
9	Chicago—Northwestern Indiana .....	(*)	3,145.6	(*)	(*)	4.0	(*)	(*)	122.1	(*)	(*)	914.8	(*)
10	Davenport—Rock Island—Moline .....	143.1	141.7	142.6	(2)	(2)	(2)	6.0	5.3	5.8	46.9	45.8	45.4
11	Decatur .....	52.2	50.9	51.2	(2)	(2)	(2)	2.3	2.2	2.5	20.1	19.3	19.2
12	Peoria .....	136.7	136.4	137.5	(2)	(2)	(2)	8.5	7.4	8.0	49.9	50.1	50.2
13	Rockford .....	114.8	106.9	104.2	(2)	(2)	(2)	3.9	2.2	2.6	56.4	49.5	45.6
14	Springfield .....	74.7	76.2	76.1	(2)	(2)	(2)	3.5	3.4	3.6	10.0	9.3	8.9
15	INDIANA .....	2,010.3	1,907.5	(*)	7.1	7.2	(*)	82.6	72.3	(*)	730.8	645.5	(*)
16	Evansville .....	103.6	103.5	103.6	1.7	1.8	1.8	5.2	4.0	4.1	33.4	34.9	34.7
17	Fort Wayne .....	158.0	150.2	150.1	(1)	(1)	(1)	6.0	5.5	6.0	60.8	54.5	53.4
18	Gary—Hammond—East Chicago <sup>4</sup> .....	234.7	230.3	229.8	(1)	(1)	(1)	10.7	10.8	11.6	105.3	100.0	97.0
19	Indianapolis .....	459.7	442.4	443.2	(1)	(1)	(1)	20.6	18.2	18.7	129.4	117.4	117.0
20	Muncie .....	49.2	45.5	46.2	(1)	(1)	(1)	1.6	1.4	1.5	17.5	14.2	14.5
21	South Bend .....	104.2	99.8	100.6	(1)	(1)	(1)	4.4	4.2	4.3	33.5	29.8	30.2
22	Terre Haute .....	59.1	57.0	57.4	1.0	.9	.9	2.0	1.8	2.1	17.3	15.3	15.3
23	IOWA .....	993.4	991.2	1,002.0	3.0	2.7	2.9	46.2	42.8	47.1	247.1	235.3	233.3
24	Cedar Rapids .....	72.8	72.7	73.0	(1)	(1)	(1)	3.3	2.8	2.9	26.2	25.9	26.0
25	Des Moines .....	154.0	154.5	154.7	(1)	(1)	(1)	7.8	7.3	7.6	27.8	27.2	26.5
26	Dubuque .....	40.7	39.7	39.5	(1)	(1)	(1)	1.4	1.2	1.2	17.0	16.2	16.0
27	Sioux City .....	49.3	48.0	48.2	(1)	(1)	(1)	3.2	2.6	2.7	13.1	11.7	11.7
28	Waterloo—Cedar Falls .....	57.7	57.4	57.4	(1)	(1)	(1)	2.0	1.8	2.0	21.4	21.0	20.4
29	KANSAS .....	780.7	777.1	781.8	10.0	10.3	10.6	38.0	31.7	34.8	164.8	163.6	161.5
30	Topeka .....	73.4	73.4	73.6	.1	.1	.1	3.1	2.3	2.5	11.1	11.0	10.9
31	Wichita .....	163.8	168.9	167.6	2.1	2.2	2.2	8.5	8.4	8.3	49.3	53.4	51.9
32	KENTUCKY .....	1,058.4	1,057.1	1,061.4	36.8	41.8	42.4	53.1	49.2	51.6	289.9	271.4	268.2
33	Lexington—Fayette .....	118.0	119.6	121.9	(1)	(1)	(1)	6.6	6.1	6.6	27.9	29.2	28.6
34	Louisville .....	366.5	350.0	351.9	(1)	(1)	(1)	17.7	16.6	17.5	120.2	103.6	102.2
35	LOUISIANA .....	1,193.2	1,198.3	1,196.9	54.1	54.8	55.0	91.0	90.2	88.6	186.2	181.5	181.9
36	Baton Rouge .....	149.0	155.8	151.6	.9	.9	.9	16.2	16.7	13.4	21.7	22.1	21.9
37	Lake Charles .....	47.2	47.7	47.6	1.2	1.2	1.2	5.4	5.2	5.3	10.6	10.5	10.5
38	Monroe .....	42.9	41.8	42.0	.4	.3	.3	4.1	3.8	3.7	7.3	6.8	7.0
39	New Orleans .....	412.1	418.7	418.1	13.8	15.2	15.2	26.4	27.0	26.9	51.8	49.5	49.2
40	Shreveport .....	120.1	122.2	122.1	4.2	4.4	4.4	8.3	7.9	7.9	25.1	24.3	24.5
41	MAINE .....	356.3	341.5	343.9	(1)	(1)	(1)	17.0	14.1	15.2	105.0	91.5	90.9
42	Lewiston—Auburn .....	30.3	28.1	28.6	(1)	(1)	(1)	1.4	1.2	1.3	11.9	10.3	10.4
43	Portland .....	70.4	68.5	68.7	(1)	(1)	(1)	3.7	3.3	3.4	14.2	12.2	12.3
44	MARYLAND <sup>5</sup> .....	1,429.7	1,407.3	1,409.5	1.7	1.6	1.7	103.2	86.8	85.9	255.9	237.4	235.3
45	Baltimore .....	855.5	837.7	835.8	.2	.2	.2	48.4	39.3	38.2	181.3	167.6	166.2
46	MASSACHUSETTS .....	2,363.0	2,319.9	2,334.6	(1)	(1)	(1)	104.0	85.8	93.0	620.3	573.1	570.0
47	Boston <sup>6</sup> .....	1,274.5	1,253.5	1,260.9	(1)	(1)	(1)	51.6	43.2	46.4	262.0	248.3	248.0
48	Brockton .....	61.5	60.1	60.5	-	-	-	2.8	2.7	2.9	16.0	14.1	14.1
49	Fall River .....	47.9	44.2	45.2	(1)	(1)	(1)	(1)	(1)	(1)	20.3	18.4	18.7
50	Lawrence—Haverhill .....	94.5	92.5	92.8	(1)	(1)	(1)	2.5	1.9	2.1	40.2	38.7	38.1
51	Lowell .....	61.4	59.3	60.0	(1)	(1)	(1)	2.9	2.4	2.7	22.2	20.5	20.6
52	New Bedford <sup>6</sup> .....	60.2	54.8	55.8	(1)	(1)	(1)	1.7	1.5	1.7	26.7	22.6	22.9
53	Springfield—Chicopee—Holyoke .....	197.2	189.9	189.8	(1)	(1)	(1)	7.3	6.0	6.9	64.8	57.4	55.7
54	Worcester .....	137.2	132.0	131.6	(1)	(1)	(1)	4.7	3.9	4.2	43.7	40.5	39.9
55	MICHIGAN .....	3,231.3	3,077.9	3,095.7	13.1	13.3	13.4	118.2	96.3	97.6	1,091.1	955.9	969.7
56	Ann Arbor .....	113.1	106.8	107.3	(1)	(1)	(1)	1.5	1.6	1.5	34.3	28.5	29.2
57	Battle Creek .....	63.9	61.5	61.6	(1)	(1)	(1)	1.6	1.4	1.5	25.1	22.8	22.6
58	Bay City .....	32.4	30.6	31.1	(1)	(1)	(1)	1.0	.7	.7	10.1	9.4	9.7
59	Detroit .....	1,654.6	1,568.3	1,580.8	1.2	1.2	1.2	55.0	45.5	45.6	589.0	516.2	528.7
60	Flint .....	171.3	164.7	166.5	(1)	(1)	(1)	4.5	4.6	4.6	73.0	64.3	66.2

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	
25.7	25.1	25.1	81.5	84.2	84.2	22.9	23.1	23.0	72.1	72.1	72.3	79.1	82.5	82.8	1
21.6	21.2	21.2	69.6	71.9	71.9	20.8	21.0	20.9	60.1	59.6	59.7	69.0	71.6	71.7	2
16.4	16.9	16.9	63.5	66.8	68.3	10.6	11.1	11.2	41.5	44.4	44.8	59.0	63.9	64.2	3
3.7	3.8	3.7	14.4	14.8	14.9	3.8	3.8	3.8	9.3	9.0	9.0	14.4	15.9	15.8	4
283.8	277.9	279.1	961.6	949.2	957.2	249.0	250.7	251.9	726.4	734.7	741.6	660.5	672.8	673.7	5
3.1	3.2	3.1	10.1	10.1	10.0	5.9	6.2	6.1	7.2	7.4	7.3	10.3	11.5	11.5	6
2.6	2.5	2.5	12.4	12.3	12.2	1.6	1.7	1.7	8.6	8.8	8.9	29.3	30.8	30.5	7
201.4	199.7	201.0	665.7	657.2	663.7	194.9	195.9	197.6	528.7	535.4	538.3	379.9	389.6	390.2	8
(*)	215.7	(*)	(*)	700.7	(*)	(*)	204.5	(*)	(*)	565.8	(*)	(*)	418.1	(*)	9
7.9	7.9	7.9	32.8	33.1	33.5	5.9	6.0	6.0	21.0	21.1	21.3	22.6	22.6	22.8	10
4.3	4.2	4.2	9.8	9.5	9.5	2.1	2.2	2.2	8.5	8.3	8.4	5.0	5.2	5.2	11
7.6	7.4	7.3	28.7	28.7	29.1	5.9	5.9	5.9	20.5	21.1	21.3	15.6	15.7	15.7	12
4.2	3.8	3.8	21.9	22.1	22.5	3.4	3.4	3.4	15.0	15.3	15.5	10.0	10.5	10.7	13
4.3	4.2	4.2	14.3	14.3	14.6	5.9	6.2	6.0	13.5	14.2	14.3	23.2	24.5	24.5	14
105.0	101.1	(*)	417.7	404.3	(*)	88.1	86.5	(*)	266.2	270.0	(*)	312.8	320.6	(*)	15
6.1	6.0	6.0	23.8	23.4	23.4	3.6	3.6	3.6	18.3	18.2	18.4	11.5	11.6	11.6	16
10.4	10.2	10.1	35.5	34.1	34.5	8.2	8.4	8.5	21.8	22.0	22.2	15.2	15.5	15.4	17
14.4	14.8	14.8	40.6	40.3	40.7	7.1	7.1	7.2	28.4	28.8	29.5	28.2	28.5	29.0	18
28.8	27.7	27.9	106.2	103.2	103.5	32.2	32.1	32.1	67.1	66.4	66.4	75.4	77.4	77.6	19
2.2	2.1	2.1	10.3	10.0	10.1	1.5	1.5	1.5	6.2	6.4	6.4	9.9	9.9	10.1	20
5.3	4.9	4.8	23.3	22.2	22.6	5.8	5.9	5.9	20.2	20.7	20.7	11.7	12.1	12.1	21
4.1	4.0	4.0	13.4	13.5	13.6	1.8	1.8	1.8	8.2	8.2	8.3	11.3	11.5	11.4	22
55.2	54.6	54.8	239.7	244.3	248.7	46.2	46.8	47.0	169.0	172.5	176.0	187.1	192.2	192.1	23
3.8	3.8	3.8	15.1	15.0	15.2	3.4	3.4	3.5	12.1	12.5	12.5	9.1	9.2	9.2	24
10.8	10.6	10.5	36.2	36.7	37.1	17.2	17.2	17.2	29.4	30.3	30.6	24.7	25.3	25.2	25
1.8	1.7	1.7	7.8	7.6	7.6	1.1	1.1	1.1	7.8	8.4	8.3	3.9	3.6	3.5	26
3.4	3.6	3.7	12.2	12.0	12.0	2.3	2.4	2.5	9.3	9.7	9.8	5.8	5.9	5.9	27
2.5	2.4	2.4	12.0	11.8	12.0	1.6	1.7	1.7	8.4	8.7	9.0	9.7	10.0	9.9	28
56.2	53.6	53.4	181.7	176.4	177.8	35.9	36.8	37.0	125.6	131.2	132.8	168.5	173.5	173.9	29
7.5	7.0	7.1	15.7	15.3	15.4	4.8	5.2	5.1	12.6	12.8	13.0	18.5	19.8	19.7	30
8.5	8.3	8.3	35.8	35.9	35.9	8.0	8.2	8.2	29.1	30.0	30.1	22.8	22.6	22.7	31
60.9	60.7	60.5	211.5	214.5	216.6	41.2	42.5	42.8	160.9	165.0	166.4	204.1	212.0	212.9	32
6.1	6.2	6.2	24.0	24.0	24.9	5.3	5.4	5.4	17.4	17.2	18.1	30.7	31.5	32.1	33
23.2	22.0	22.1	78.4	77.5	78.1	19.3	20.1	20.5	58.7	60.6	61.6	49.0	49.7	50.0	34
99.2	97.9	97.6	269.9	276.1	275.9	58.1	58.3	58.4	193.8	192.5	192.4	240.9	247.0	247.1	35
7.8	8.5	8.5	29.0	29.5	29.5	8.0	8.1	8.1	21.4	22.3	21.6	44.0	47.7	47.7	36
3.0	2.9	2.8	10.3	10.5	10.5	2.0	2.0	2.0	7.0	7.4	7.3	7.7	8.0	8.0	37
2.6	2.5	2.6	11.3	10.9	10.8	2.9	3.0	3.0	6.1	6.2	6.3	8.2	8.3	8.3	38
44.7	44.0	43.9	102.3	105.3	105.0	25.9	25.9	25.9	82.4	83.5	83.5	64.8	68.3	68.5	39
10.6	10.8	10.6	28.9	29.3	29.2	5.4	5.6	5.6	19.8	20.1	20.1	17.8	19.8	19.8	40
18.0	17.1	17.1	72.9	70.7	71.9	14.1	14.3	14.3	53.9	54.4	55.6	75.4	79.4	78.9	41
1.1	1.1	1.1	6.8	6.5	6.6	1.3	1.3	1.3	5.2	5.0	5.2	2.6	2.7	2.7	42
4.9	4.9	4.9	18.3	17.3	17.1	5.9	6.0	6.0	12.8	13.5	13.7	10.6	11.3	11.3	43
81.6	79.7	79.8	342.0	339.5	342.5	79.1	77.0	77.3	276.6	279.0	282.7	289.6	306.3	304.3	44
56.1	54.3	54.3	188.6	187.2	187.6	47.6	46.8	46.9	153.7	154.4	156.1	179.6	187.9	186.3	45
123.8	119.5	118.4	526.3	521.3	527.6	135.2	136.5	136.8	505.3	520.0	525.4	348.1	363.7	363.4	46
73.8	69.1	69.8	295.4	287.4	287.2	97.8	98.1	98.6	313.9	322.6	326.3	180.0	184.8	184.6	47
4.5	4.6	4.6	16.7	16.9	17.0	1.8	1.8	1.8	9.6	9.7	9.8	10.1	10.3	10.3	48
2.0	1.9	1.9	9.1	8.1	8.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.0	10.6	11.0	5.5	5.2	5.2	49
3.5	3.4	3.6	17.1	17.1	17.3	3.1	3.2	3.2	14.1	14.0	14.3	14.0	14.2	14.2	50
2.5	2.5	2.5	13.1	12.8	13.0	1.9	1.9	1.9	9.3	9.2	9.4	9.5	10.0	9.9	51
3.0	3.1	3.0	11.2	10.1	10.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.9	10.5	11.0	6.7	7.0	7.0	52
9.4	9.2	9.2	43.3	41.6	41.9	10.5	10.7	10.8	33.8	34.0	34.3	28.1	31.0	31.0	53
7.1	6.8	5.5	28.4	27.2	27.6	7.9	7.8	7.9	24.6	24.5	25.2	20.8	21.3	21.3	54
153.0	147.5	146.6	655.7	633.5	640.7	129.2	128.6	128.4	514.0	518.3	525.6	556.9	584.5	573.6	55
2.9	2.6	2.6	15.8	16.0	15.8	3.1	3.2	3.2	14.1	14.6	14.7	40.5	40.4	40.3	56
2.4	2.4	2.4	9.7	9.8	10.0	3.9	3.8	3.8	9.2	9.5	9.5	11.9	12.0	12.0	57
2.1	2.0	2.0	7.6	6.8	6.8	.9	1.0	1.0	5.7	5.7	5.8	5.0	5.0	5.0	58
81.5	77.2	77.9	327.3	314.9	316.4	76.1	75.9	75.7	280.9	281.9	282.0	243.6	255.6	253.1	59
5.5	5.3	5.3	34.7	32.9	33.3	4.8	4.9	4.9	22.8	23.7	23.4	26.0	28.8	28.8	60

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

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**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>
<b>MICHIGAN—Continued</b>												
1 Grand Rapids .....	215.8	205.0	207.4	(1)	(1)	(1)	9.6	8.5	9.1	77.5	68.4	68.3
2 Jackson .....	51.4	50.3	50.2	(1)	(1)	(1)	1.6	1.4	1.6	17.1	16.2	15.9
3 Kalamazoo—Portage .....	94.2	91.5	91.5	(1)	(1)	(1)	3.7	3.7	3.9	33.6	30.7	30.4
4 Lansing—East Lansing .....	155.2	151.1	151.5	(1)	(1)	(1)	5.0	4.9	5.0	35.7	31.8	32.4
5 Muskegon—Muskegon Heights .....	57.1	54.1	53.8	(1)	(1)	(1)	2.1	1.5	1.7	23.8	21.2	20.6
6 Saginaw .....	79.1	72.5	73.7	(1)	(1)	(1)	2.2	2.0	2.0	32.3	27.5	28.3
<b>MINNESOTA</b> .....	1,457.6	1,448.6	1,457.4	13.8	13.5	14.1	56.8	52.6	55.0	335.3	318.9	316.8
8 Duluth—Superior .....	54.6	54.2	54.6	(1)	(1)	(1)	1.5	1.7	1.9	7.6	7.5	7.7
9 Minneapolis—St. Paul .....	888.6	878.7	881.9	(1)	(1)	(1)	34.3	29.4	30.6	221.4	208.4	205.7
<b>MISSISSIPPI</b> .....	694.4	670.3	671.5	6.2	6.3	6.4	44.4	37.0	37.2	221.5	197.0	196.5
11 Jackson .....	116.4	115.3	115.5	.8	.8	.8	8.7	7.1	6.6	17.8	16.1	16.5
<b>MISSOURI</b> .....	1,788.0	1,709.4	1,723.1	8.6	8.4	8.6	74.4	62.5	71.0	454.0	397.6	392.6
13 Kansas City .....	544.0	530.0	536.0	.6	.6	.6	25.4	18.7	22.6	117.3	108.1	107.9
14 St. Joseph .....	33.4	33.1	33.3	(2)	(2)	(2)	1.9	1.2	1.6	8.4	8.9	8.7
15 St. Louis .....	911.1	860.3	861.3	2.6	2.4	2.5	37.8	22.5	24.8	259.6	227.3	223.6
16 Springfield .....	72.4	69.4	69.9	.2	.2	.2	3.4	3.0	3.4	20.2	16.5	16.4
<b>MONTANA</b> .....	230.1	232.4	234.9	7.1	7.3	7.4	13.6	9.3	9.7	23.4	22.2	22.4
18 Billings .....	36.7	36.6	37.4	(1)	(1)	(1)	2.3	1.7	1.8	3.4	2.8	2.8
19 Great Falls .....	26.5	27.3	27.9	(1)	(1)	(1)	1.5	1.2	1.3	1.9	1.9	1.9
<b>NEBRASKA</b> .....	550.4	545.7	550.1	1.7	1.5	1.7	30.4	25.1	27.5	93.3	86.6	85.8
21 Lincoln .....	85.5	86.7	86.8	-	-	-	4.7	3.9	4.2	13.2	12.5	12.3
22 Omaha .....	238.0	233.7	234.6	(2)	(2)	(2)	12.9	9.2	10.0	39.6	36.2	35.4
<b>NEVADA</b> .....	254.0	260.9	264.6	4.0	4.1	4.0	17.9	15.1	15.7	12.3	11.9	12.0
24 Las Vegas .....	139.3	143.2	145.0	.2	.2	.2	10.4	8.8	9.1	5.0	5.0	5.0
25 Reno .....	70.9	72.9	73.8	.2	.3	.3	5.1	4.4	4.6	4.8	4.6	4.6
<b>NEW HAMPSHIRE</b> <sup>6</sup> .....	295.7	286.2	291.3	.4	.3	.4	15.7	13.0	14.9	94.9	83.8	84.7
27 Manchester .....	52.3	49.3	50.4	(1)	(1)	(1)	2.7	2.3	2.7	16.4	13.6	14.0
<b>NEW JERSEY</b> .....	2,777.3	2,637.6	2,640.8	3.1	2.8	2.9	119.0	88.4	92.4	828.5	735.3	726.1
29 Atlantic City .....	65.7	63.1	65.0	-	-	-	3.6	2.5	2.5	10.4	9.9	9.6
30 Camden .....	294.0	286.3	286.2	.2	.2	.2	18.2	15.1	15.9	71.1	61.8	61.1
31 Hackensack <sup>8</sup> .....	354.9	338.2	339.5	(1)	(1)	(1)	15.3	10.8	12.1	111.2	100.7	100.2
32 Jersey City <sup>8</sup> .....	243.9	232.6	230.7	-	-	-	4.9	4.5	4.5	87.6	79.2	77.6
33 Long Branch—Asbury Park .....	135.1	136.7	137.1	(1)	(1)	(1)	7.2	5.6	5.8	23.9	23.2	23.0
34 Newark .....	872.4	834.0	833.1	1.1	1.1	1.1	34.4	26.9	28.0	256.6	230.6	229.3
35 New Bruns.—Perth Amboy—Sayreville <sup>8</sup> .....	250.4	242.6	241.9	(1)	(1)	(1)	9.8	9.7	10.0	93.5	81.3	79.6
36 Paterson—Clifton—Passaic <sup>8</sup> .....	186.6	176.5	175.0	(1)	(1)	(1)	6.8	5.4	5.6	72.4	65.6	63.8
37 Trenton .....	148.3	145.9	146.7	(1)	(1)	(1)	3.1	3.1	3.4	39.3	36.3	35.9
38 Vineland—Millville—Bridgeton .....	52.2	48.7	48.6	(1)	(1)	(1)	1.8	1.9	2.1	20.0	16.7	16.5
<b>NEW MEXICO</b> .....	355.8	361.8	363.4	18.5	19.9	20.0	23.9	23.8	24.0	29.0	26.9	26.6
40 Albuquerque .....	142.7	143.7	144.2	(1)	(1)	(1)	10.1	9.8	10.0	15.3	14.3	14.3
<b>NEW YORK</b> .....	7,059.3	6,881.5	(*)	7.2	6.5	(*)	250.9	221.7	(*)	1,584.6	1,462.4	(*)
42 Albany—Schenectady—Troy .....	313.0	302.7	304.8	(1)	(1)	(1)	12.9	10.8	11.7	67.2	60.9	60.0
43 Binghamton .....	105.9	101.8	101.8	(1)	(1)	(1)	3.8	2.2	2.6	40.5	38.2	37.7
44 Buffalo .....	497.0	473.0	475.0	(1)	(1)	(1)	17.1	13.4	14.1	155.5	138.7	138.5
45 Elmira .....	38.5	37.3	37.3	(1)	(1)	(1)	2.1	1.5	1.5	13.5	12.6	12.4
46 Monroe County <sup>9</sup> .....	322.6	316.7	316.1	(1)	(1)	(1)	11.6	9.3	9.4	133.1	126.8	125.8
47 Nassau—Suffolk <sup>10</sup> .....	800.0	792.5	797.1	(1)	(1)	(1)	41.8	34.4	36.7	153.2	145.2	144.2
48 New York—Northeastern New Jersey .....	6,565.7	6,375.4	(*)	3.2	3.0	(*)	235.4	195.0	(*)	1,471.0	1,353.4	(*)
49 New York and Nassau—Suffolk <sup>8</sup> .....	4,657.3	4,549.0	(*)	2.0	1.9	(*)	164.1	138.7	(*)	849.4	795.8	(*)
50 New York SMSA <sup>10</sup> .....	3,857.3	3,757.0	(*)	1.9	1.8	(*)	122.3	104.3	(*)	696.2	650.6	(*)
51 New York City <sup>11</sup> .....	3,465.6	3,378.7	(*)	1.4	1.5	(*)	101.0	87.1	(*)	612.6	572.6	(*)
52 Poughkeepsie .....	86.6	86.0	86.6	(1)	(1)	(1)	3.5	2.5	2.9	29.7	29.3	29.1
53 Rochester .....	390.3	381.7	382.1	(1)	(1)	(1)	13.6	11.2	11.2	151.9	143.1	142.0
54 Rockland County <sup>11</sup> .....	71.6	71.8	72.8	(1)	(1)	(1)	3.3	2.7	3.2	14.4	14.5	14.6
55 Syracuse .....	242.8	229.9	229.9	(1)	(1)	(1)	11.8	8.2	8.3	62.3	53.5	52.9
56 Utica—Rome .....	112.1	107.5	108.9	(1)	(1)	(1)	3.2	2.7	3.2	36.0	32.3	32.5
57 Westchester County <sup>11</sup> .....	309.7	296.1	299.1	(1)	(1)	(1)	16.9	13.4	14.6	68.1	62.5	62.4
<b>NORTH CAROLINA</b> .....	2,046.2	1,968.4	1,975.4	4.2	3.9	3.9	120.0	114.0	116.0	798.6	714.5	717.3
59 Asheville <sup>6</sup> .....	63.0	59.3	59.4	(1)	(1)	(1)	3.7	3.3	3.5	23.3	18.8	18.3
60 Charlotte—Gastonia <sup>6</sup> .....	279.5	267.2	268.3	(1)	(1)	(1)	17.3	15.5	16.0	86.7	76.8	77.7

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	
9.9	9.9	9.9	49.3	47.1	48.9	8.3	8.3	8.3	37.3	38.4	38.4	23.8	24.6	24.5	1
4.4	4.3	4.3	9.5	9.5	9.5	1.5	1.5	1.5	8.3	8.5	8.5	9.0	9.0	9.0	2
3.1	2.9	2.9	17.8	17.8	17.9	3.1	3.1	3.1	15.0	15.0	15.2	17.9	18.2	18.2	3
3.9	3.6	3.7	28.6	28.1	28.0	7.2	7.1	7.1	20.6	20.6	21.2	54.2	55.0	54.2	4
2.9	2.8	2.8	10.3	10.1	10.3	1.6	1.6	1.6	7.9	7.9	8.0	8.4	9.0	9.0	5
3.9	3.8	3.8	15.6	14.2	14.3	3.1	3.2	3.2	11.6	11.0	11.2	10.5	10.9	11.0	6
90.9	90.5	90.3	355.2	355.0	360.4	72.2	72.2	72.4	266.3	270.1	273.1	267.3	275.8	275.3	7
6.3	6.3	6.7	14.3	13.8	14.1	2.0	1.9	1.9	11.3	11.3	10.5	11.6	11.6	11.7	8
59.1	59.7	58.8	217.1	215.6	218.7	54.5	55.2	55.4	169.4	172.3	174.8	132.7	138.2	138.0	9
35.8	35.5	35.2	131.7	132.2	133.0	26.8	27.8	27.8	83.7	86.8	87.4	144.6	147.6	148.1	10
7.5	7.8	7.7	26.9	27.3	27.4	8.9	9.3	9.3	21.3	21.7	21.8	24.7	25.2	25.3	11
126.6	120.9	121.5	410.4	397.5	400.2	96.7	96.4	97.1	298.6	300.3	304.3	318.7	325.8	327.8	12
51.8	49.0	48.8	137.3	132.4	132.9	36.4	36.4	36.5	97.3	100.4	101.6	77.9	84.4	85.1	13
2.2	2.2	2.2	8.5	8.1	8.1	1.6	1.6	1.7	5.4	5.6	5.6	5.4	5.5	5.4	14
64.6	62.2	63.1	199.0	195.1	194.9	48.4	48.8	49.1	166.9	170.2	171.1	132.2	131.8	132.2	15
5.4	5.2	5.1	18.4	18.3	18.4	2.7	2.8	2.8	12.3	13.3	13.4	9.8	10.1	10.2	16
19.0	18.4	18.6	57.2	58.5	59.8	10.0	10.5	10.4	42.3	44.2	44.2	57.5	62.0	62.4	17
3.4	3.4	3.5	11.5	11.6	12.0	1.8	1.9	1.9	7.7	8.3	8.3	6.6	6.9	7.1	18
2.4	2.5	2.6	7.7	8.0	8.2	1.8	1.9	2.0	5.4	5.7	5.8	5.8	6.1	6.1	19
40.1	38.7	39.1	140.2	139.7	141.3	33.2	34.3	34.4	97.8	99.1	99.6	113.6	120.7	120.7	20
5.6	5.4	5.5	18.2	18.2	18.3	5.9	5.9	5.9	14.3	14.8	14.8	23.7	25.8	25.8	21
22.1	21.1	21.2	59.8	59.0	59.4	19.0	19.8	19.8	47.1	48.5	49.0	37.4	39.8	39.8	22
16.4	16.8	16.8	48.2	50.4	51.5	10.4	10.8	10.8	101.8	105.9	107.8	43.0	45.9	46.0	23
8.5	8.7	8.7	26.1	26.9	27.5	5.6	5.7	5.7	65.0	68.3	69.2	18.5	19.6	19.6	24
5.7	5.7	5.7	15.6	16.4	16.6	3.8	3.8	3.8	23.3	24.1	24.6	12.4	13.6	13.6	25
12.4	12.7	12.4	61.3	61.0	62.8	14.2	14.9	15.2	51.8	53.5	54.3	45.0	47.0	46.6	26
3.6	3.6	3.6	11.5	11.4	11.6	3.6	3.7	3.7	9.6	9.7	9.8	4.9	5.0	5.0	27
186.1	171.9	172.5	595.0	578.8	580.7	136.0	136.9	137.9	470.3	465.7	470.5	439.3	457.8	457.8	28
3.6	3.6	3.6	16.9	17.0	17.9	3.8	3.9	4.0	15.1	13.3	14.6	12.3	12.9	12.8	29
15.7	16.2	15.9	72.9	72.3	72.6	14.0	14.0	14.1	50.6	52.4	52.2	51.3	54.3	54.2	30
18.8	18.3	18.3	96.8	95.2	95.0	14.4	14.8	14.9	60.7	58.8	59.8	37.7	39.6	39.2	31
33.5	31.2	31.6	43.2	43.0	42.6	8.4	8.6	8.7	29.0	28.3	27.8	37.3	37.8	37.9	32
5.7	5.7	5.7	32.1	33.5	33.9	5.3	5.4	5.5	30.4	31.3	31.4	30.5	32.0	31.8	33
65.9	63.9	62.9	167.1	163.4	161.8	59.7	60.5	60.5	156.8	156.6	157.4	130.8	131.0	132.1	34
18.1	17.0	17.0	52.6	53.2	53.5	6.8	7.2	7.2	28.9	31.5	31.5	40.7	42.7	43.1	35
7.6	6.4	6.4	42.3	42.3	42.5	8.6	8.3	8.3	27.9	26.0	25.8	21.0	22.5	22.6	36
5.4	5.2	5.1	22.5	22.3	22.5	5.7	6.2	6.2	35.2	34.8	35.6	37.1	38.0	38.0	37
3.5	3.2	3.1	8.7	8.2	8.2	2.5	2.5	2.5	6.8	7.0	7.0	8.9	9.2	9.2	38
23.3	22.7	22.7	77.5	80.1	80.8	16.1	16.2	16.2	62.6	66.2	66.7	104.9	106.0	106.4	39
8.6	8.2	8.2	34.2	34.9	35.2	8.3	8.2	8.2	31.8	32.5	32.6	34.4	35.8	35.7	40
456.6	446.8	(*)	1,423.1	1,403.7	(*)	586.5	582.5	(*)	1,447.8	1,447.3	(*)	1,302.6	1,310.6	(*)	41
16.0	15.2	15.2	61.4	58.2	59.3	13.6	13.0	13.1	56.6	56.9	57.3	85.3	87.6	88.3	42
4.6	4.2	4.2	19.1	18.5	18.7	3.4	3.4	3.5	13.1	13.0	13.2	21.5	22.1	21.9	43
28.8	24.8	26.8	106.9	104.1	104.6	20.0	19.8	19.9	84.7	85.5	85.5	84.0	86.7	85.5	44
1.6	1.5	1.5	8.0	7.8	8.0	1.0	1.0	1.0	6.2	6.2	6.2	6.1	6.6	6.6	45
11.1	9.5	9.5	56.5	56.9	57.0	12.9	13.8	13.9	59.6	61.1	61.7	37.9	39.3	38.8	46
34.6	34.7	34.6	208.4	212.8	214.4	43.0	42.8	42.8	155.8	157.8	161.1	163.1	164.9	163.2	47
483.7	476.7	(*)	1,361.1	1,341.3	(*)	589.4	587.7	(*)	1,339.3	1,334.9	(*)	1,082.6	1,083.4	(*)	48
339.9	338.6	(*)	959.2	942.8	(*)	491.6	488.1	(*)	1,036.0	1,033.7	(*)	815.1	809.3	(*)	49
305.3	303.8	(*)	750.8	730.2	(*)	448.6	445.3	(*)	880.3	876.0	(*)	652.0	644.9	(*)	50
283.0	281.2	(*)	664.4	646.9	(*)	429.5	426.2	(*)	793.1	790.6	(*)	580.6	572.8	(*)	51
2.8	2.8	2.7	13.9	13.3	13.4	2.6	2.6	2.7	14.1	14.4	14.8	20.0	21.0	21.1	52
13.7	12.2	12.1	71.1	70.7	71.9	14.5	15.2	15.3	68.9	70.5	71.2	56.5	58.9	58.4	53
3.8	3.9	3.9	14.3	14.2	14.3	2.5	2.5	2.6	15.0	15.3	15.6	18.3	18.8	18.6	54
14.0	13.7	13.8	51.3	50.2	50.4	14.1	14.2	14.3	44.8	45.2	45.3	44.5	45.0	45.0	55
4.5	4.2	4.2	19.6	18.8	19.0	5.1	4.9	4.9	16.7	16.5	16.9	27.0	28.1	28.2	56
17.9	18.3	18.2	69.6	66.6	66.8	16.2	16.2	16.4	70.5	68.4	69.7	50.5	50.7	51.0	57
104.0	99.1	98.8	373.4	369.8	370.3	85.4	85.5	85.6	258.5	263.6	265.3	302.1	318.0	318.2	58
3.3	3.2	3.2	12.3	12.2	12.4	2.2	2.3	2.4	9.8	10.2	10.4	8.4	9.3	9.2	59
25.5	23.1	23.0	65.4	64.6	64.5	18.3	17.8	17.7	36.4	37.4	37.2	29.9	32.0	32.2	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

	Total			Mining			Contract construction			Manufacturing		
	Apr. 1974	Mar. 1975	Apr. 1975 p	Apr. 1974	Mar. 1975	Apr. 1975 p	Apr. 1974	Mar. 1975	Apr. 1975 p	Apr. 1974	Mar. 1975	Apr. 1975 p
<b>NORTH CAROLINA—Continued</b>												
1 Greensboro—Winston-Salem—High Point <sup>6</sup>	340.9	323.9	324.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.8	14.5	15.1	143.8	130.8	130.4
2 Raleigh—Durham <sup>6</sup>	213.7	211.1	211.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.2	11.7	11.9	37.3	34.6	34.7
<b>NORTH DAKOTA</b>												
3 Fargo—Moorhead	186.8	190.8	191.6	1.5	1.5	1.4	9.9	9.4	9.1	13.5	15.3	15.0
4	48.5	49.6	49.4	.1	.1	.1	2.4	2.0	2.0	3.7	4.2	3.8
<b>OHIO</b>												
5	4,156.9	4,038.2	4,068.9	23.9	26.0	26.6	160.2	148.5	158.6	1,411.6	1,266.8	1,262.3
6 Akron	258.6	251.5	252.3	.3	.3	.3	7.6	7.0	7.6	94.4	86.6	84.6
7 Canton	152.6	149.7	150.6	.7	.6	.6	5.5	5.3	5.7	62.4	57.2	57.0
8 Cincinnati	540.3	533.9	539.8	.4	.4	.4	23.2	21.7	23.1	166.7	155.1	155.8
9 Cleveland	879.3	857.9	852.5	1.4	1.3	1.4	30.1	28.4	30.1	287.7	258.4	257.9
10 Columbus	457.7	448.6	453.1	.8	.9	.9	19.8	17.3	18.3	102.8	90.8	90.5
11 Dayton	329.5	324.1	324.8	.5	.5	.5	11.7	10.9	11.7	109.8	102.6	101.4
12 Toledo	285.6	275.7	280.0	.7	.7	.7	13.0	12.4	13.2	90.1	80.1	80.5
13 Youngstown—Warren	211.8	202.5	205.3	.3	.3	.3	7.1	7.0	7.5	90.9	80.3	80.8
<b>OKLAHOMA</b>												
14	875.2	875.2	880.5	37.8	39.5	39.6	47.3	41.2	42.3	155.4	147.9	147.0
15 Oklahoma City	310.1	308.2	308.5	7.8	8.4	8.5	17.5	15.9	16.2	43.5	40.0	39.6
16 Tulsa	219.7	220.8	220.2	13.4	13.4	13.4	15.1	13.0	13.3	49.8	50.6	50.1
<b>OREGON</b>												
17	823.1	814.0	819.7	1.6	1.5	1.6	37.0	30.9	31.4	191.3	172.3	173.5
18 Eugene—Springfield	83.2	81.5	82.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.3	3.3	21.0	17.3	17.6
19 Jackson County	-	-	-	-	-	-	-	-	-	7.2	5.7	5.9
20 Portland	435.9	433.1	434.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.0	16.4	16.6	94.6	88.9	89.2
21 Salem	65.0	65.8	66.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.1	3.3	10.1	9.3	9.4
<b>PENNSYLVANIA</b>												
22	4,513.6	4,345.8	4,359.4	41.8	44.2	43.5	203.8	169.6	180.2	1,468.3	1,349.4	1,337.0
23 Allentown—Bethlehem—Easton	255.1	244.2	245.2	.7	.6	.7	11.9	10.9	11.2	115.2	107.6	107.9
24 Altoona	51.5	48.7	49.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	1.6	1.7	14.9	13.1	13.2
25 Delaware Valley <sup>12</sup>	1,547.6	1,507.2	1,508.5	1.2	1.2	1.2	59.5	51.0	52.6	436.4	407.5	403.9
26 Erie	111.3	108.6	108.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.2	3.7	48.1	45.0	45.0
27 Harrisburg	206.6	198.3	200.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.6	8.1	10.0	41.8	37.2	36.9
28 Johnstown	83.3	83.5	84.2	7.1	7.8	7.9	2.6	2.2	2.3	24.2	23.4	23.2
29 Lancaster	135.9	131.8	131.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.8	6.7	6.8	56.8	52.9	52.6
30 Northeast Pennsylvania	240.5	228.2	229.8	1.5	1.3	.7	12.1	10.6	11.1	84.4	75.8	76.1
31 Philadelphia SMSA	1,841.6	1,793.1	1,794.6	1.4	1.4	1.4	87.7	76.1	78.5	507.4	469.1	465.0
32 Philadelphia City <sup>13</sup>	844.1	823.2	822.5	-	-	-	24.2	22.0	22.7	193.5	178.7	177.8
33 Pittsburgh	888.5	881.7	884.7	10.8	12.7	12.9	40.3	35.0	36.4	259.9	252.5	250.7
34 Reading	132.9	126.5	125.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.4	4.2	4.5	54.1	48.7	48.0
35 Scranton <sup>14</sup>	86.9	80.7	82.4	.3	.3	.3	2.9	2.5	2.8	30.6	27.5	27.6
36 Wilkes-Barre—Hazleton <sup>15</sup>	129.5	123.4	124.4	1.2	1.0	.4	7.5	6.6	7.1	48.9	43.6	44.1
37 Williamsport	47.2	45.7	45.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.4	1.5	19.6	18.1	17.9
38 York	140.8	132.1	130.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	5.7	6.0	60.8	56.0	53.9
<b>RHODE ISLAND</b>												
39	365.1	348.2	349.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.0	10.2	10.9	125.8	113.0	112.1
40 Providence—Warwick—Pawtucket	383.0	364.6	365.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.0	11.1	11.8	143.2	128.5	125.8
<b>SOUTH CAROLINA</b>												
41	1,016.7	960.9	973.9	1.9	2.0	2.0	76.3	68.1	69.3	379.8	324.0	329.7
42 Charleston	113.8	115.2	115.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	9.4	9.4	15.9	14.5	14.8
43 Columbia	143.7	143.8	143.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.5	8.0	8.1	24.9	22.3	22.2
44 Greenville—Spartanburg	234.5	220.8	224.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.0	18.2	18.5	102.3	86.6	89.5
<b>SOUTH DAKOTA</b> <sup>16</sup>												
45	203.1	206.4	207.0	2.4	2.4	2.5	9.5	8.3	8.5	20.3	19.2	19.3
46 Rapid City	23.0	22.4	22.7	.2	.1	.1	1.6	1.5	1.7	2.2	2.1	2.0
47 Sioux Falls	42.3	42.5	42.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.9	1.9	6.9	6.3	6.3
<b>TENNESSEE</b>												
48	1,568.2	1,509.0	1,515.5	7.8	8.4	8.3	85.4	80.3	83.0	519.3	464.6	465.7
49 Chattanooga	157.7	153.2	153.0	.8	.7	.7	7.0	6.4	6.3	61.4	55.9	56.3
50 Knoxville	172.3	170.9	171.5	1.7	1.8	1.8	10.6	9.1	9.3	50.2	48.0	47.8
51 Memphis	333.4	317.4	316.0	.2	.2	.2	19.2	15.9	15.6	64.8	57.2	57.0
52 Nashville—Davidson	301.9	300.6	301.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.5	19.0	19.4	79.9	77.1	77.3
<b>TEXAS</b>												
53	4,315.0	4,367.8	4,378.8	118.1	126.6	126.7	288.0	284.7	278.4	826.8	790.3	790.1
54 Amarillo	58.9	50.7	60.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	4.0	4.0	5.4	6.6	6.7
55 Austin	161.8	156.8	167.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.5	10.9	10.9	14.6	14.5	14.4
56 Beaumont—Port Arthur—Orange	125.0	124.6	120.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.7	12.3	7.0	40.8	37.8	38.6
57 Corpus Christi	96.0	98.1	98.2	3.4	3.6	3.6	8.5	8.0	8.0	11.7	11.3	11.3
58 Dallas	762.6	753.8	754.3	8.0	8.9	8.9	42.8	36.9	36.5	166.0	153.0	152.1
59 El Paso	127.5	127.8	127.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	7.8	7.5	28.4	26.6	26.9
60 Fort Worth	304.5	304.1	305.3	1.7	1.8	1.7	14.1	11.8	11.8	78.0	74.6	74.7

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	
20.4	18.6	18.6	61.2	59.2	59.6	15.4	15.4	15.6	43.6	43.8	43.8	38.7	41.6	41.4	1
10.6	10.4	10.5	40.2	40.4	40.6	14.2	13.8	13.9	41.3	40.9	40.8	56.9	59.3	59.5	2
12.8	12.7	12.8	52.2	52.0	53.4	8.0	8.4	8.5	36.8	38.7	38.8	52.2	52.8	52.6	3
3.4	3.4	3.4	14.9	15.2	15.4	2.7	2.8	2.8	10.7	11.0	11.1	10.7	11.0	10.9	4
228.0	223.6	224.6	864.8	871.8	883.3	175.2	177.2	178.5	670.0	685.1	697.5	623.2	639.1	637.3	5
15.8	15.1	15.1	52.1	52.7	53.4	8.4	8.5	8.5	40.6	40.1	41.8	39.4	41.2	41.2	6
7.8	7.8	7.8	30.5	31.1	31.5	5.5	5.9	5.9	24.2	25.1	25.3	16.1	16.8	16.8	7
33.3	33.3	33.3	118.2	118.4	119.9	27.8	28.0	28.3	95.2	97.8	100.3	75.4	79.2	78.7	8
49.3	48.7	48.9	196.4	199.3	201.1	43.6	43.8	44.0	154.1	159.9	161.8	116.5	118.0	117.4	9
23.0	22.8	22.7	103.0	103.9	105.1	31.3	31.2	31.4	82.3	85.5	87.6	94.7	96.3	96.5	10
12.3	12.2	12.4	65.4	65.8	66.1	11.1	11.5	11.6	55.9	56.2	56.9	62.9	64.4	64.3	11
19.1	18.8	19.2	63.1	63.0	64.1	9.3	9.3	9.3	47.9	49.1	49.5	42.4	43.3	43.5	12
10.9	11.2	11.3	41.5	41.5	42.2	6.4	6.5	6.6	31.1	31.5	32.7	23.7	24.1	23.9	13
56.4	54.9	55.1	200.2	202.6	205.0	45.2	45.9	46.2	133.4	137.7	139.6	199.5	205.5	205.7	14
19.6	19.5	19.6	75.4	75.5	76.0	20.6	20.3	20.4	47.1	47.5	47.7	78.5	81.1	80.6	15
17.8	17.7	17.7	50.5	51.5	51.4	12.0	12.6	12.6	38.2	38.3	38.0	22.9	23.7	23.7	16
52.0	49.8	49.8	189.5	190.9	192.9	43.7	45.1	45.2	139.3	145.0	146.7	168.7	178.5	178.6	17
4.7	4.6	4.7	18.4	19.1	19.3	3.6	3.7	3.7	13.6	14.0	14.4	18.3	19.5	19.6	18
31.4	30.2	30.4	107.5	108.5	109.1	29.8	30.3	30.2	83.2	84.7	84.9	70.4	74.1	73.9	19
2.3	2.2	2.3	13.3	12.9	13.0	3.6	3.6	3.6	10.5	11.3	11.4	22.0	23.4	23.7	20
268.8	253.2	253.2	887.5	864.2	871.4	207.7	207.9	208.1	753.6	754.9	764.5	682.1	702.4	701.5	21
13.5	12.7	12.8	44.1	41.2	41.1	7.7	7.6	7.8	35.3	35.3	35.5	26.7	28.3	28.2	22
7.7	7.4	7.5	10.4	9.9	10.3	1.4	1.5	1.4	7.8	7.7	7.9	7.1	7.5	7.5	23
86.0	82.1	82.2	316.3	311.6	312.7	96.2	94.8	95.0	307.3	307.6	309.1	234.7	241.4	241.8	24
5.5	5.6	5.5	20.7	20.0	19.9	4.2	4.3	4.3	15.8	16.5	16.8	13.4	14.0	13.3	25
15.1	14.3	14.3	41.5	40.0	40.6	10.0	10.6	10.6	32.6	31.6	31.9	54.0	56.5	56.4	26
5.7	5.6	5.7	15.0	15.3	15.6	2.5	2.6	2.6	13.1	13.3	13.4	13.1	13.3	13.5	27
6.1	5.9	5.9	27.0	26.9	26.9	4.0	4.3	4.5	21.4	22.2	22.6	12.8	12.9	12.6	28
13.5	12.8	12.6	46.0	44.2	44.5	8.7	8.7	8.9	39.0	39.6	39.8	35.3	35.2	36.1	29
101.7	98.3	98.1	389.2	383.8	385.3	110.3	108.7	109.2	357.9	360.0	361.2	286.0	295.7	295.9	30
59.3	58.1	58.3	164.2	160.1	159.3	67.4	66.6	66.6	182.7	182.6	182.5	152.8	155.1	155.3	31
59.6	56.8	56.5	185.6	181.4	182.7	41.2	41.8	42.0	170.5	178.3	179.5	120.6	123.2	124.0	32
6.9	6.6	6.5	23.5	23.2	23.1	5.1	4.9	4.8	20.6	20.6	20.8	17.3	18.3	18.2	33
5.2	5.0	5.0	17.8	16.5	16.7	3.1	3.2	3.1	16.9	16.4	16.6	10.1	9.3	10.3	34
7.0	6.5	6.5	23.7	23.6	23.9	4.7	4.6	4.7	17.4	17.5	17.5	19.1	20.0	20.2	35
2.1	2.0	2.0	8.7	8.3	8.3	2.0	2.1	2.2	7.6	8.2	8.1	5.4	5.6	5.5	36
6.8	6.0	5.8	27.5	26.0	26.2	3.1	3.0	3.1	18.6	18.9	18.8	16.3	16.5	16.5	37
14.7	14.1	14.1	73.7	71.8	72.4	17.8	18.1	18.1	65.8	65.1	65.9	54.3	55.9	56.0	38
14.5	13.7	13.8	77.3	75.6	76.2	18.1	18.3	18.3	65.0	64.6	65.4	50.9	52.8	52.8	39
42.8	40.4	40.2	175.4	169.9	172.8	38.9	39.7	40.0	123.1	126.4	128.9	178.5	190.4	191.0	40
7.3	7.4	7.2	24.0	24.4	24.6	4.7	5.0	5.0	16.1	16.0	16.2	37.3	38.4	38.4	41
8.2	8.2	8.2	29.2	29.3	29.4	10.0	10.2	10.3	20.5	20.7	20.6	40.4	45.1	45.0	42
10.7	10.1	10.1	40.1	39.6	39.7	8.5	8.6	8.6	31.3	32.6	32.6	23.7	25.1	25.1	43
12.2	12.4	12.4	53.5	54.5	54.4	8.4	8.8	8.8	42.1	44.3	44.6	54.7	56.5	56.5	44
1.6	1.5	1.5	6.1	6.2	6.3	1.0	1.1	1.2	4.6	4.4	4.3	5.7	5.5	5.6	45
4.2	4.1	4.1	12.3	12.3	12.2	2.1	2.2	2.2	9.0	9.2	9.5	5.9	6.6	6.4	46
73.9	69.0	68.9	317.2	310.5	311.6	70.5	69.2	69.3	236.3	237.9	239.5	257.8	269.1	269.2	47
5.9	6.0	6.0	30.1	28.6	28.4	8.8	9.1	9.1	19.1	19.9	19.8	24.6	26.6	26.4	48
7.3	6.8	6.9	36.7	36.7	37.0	6.6	6.6	6.7	23.8	24.5	24.6	35.4	37.4	37.4	49
22.1	20.4	20.2	86.5	83.0	82.6	19.6	19.2	19.3	58.1	57.8	57.8	62.9	63.7	63.3	50
16.1	16.4	16.3	67.2	66.5	66.8	18.6	18.7	18.8	52.8	55.8	55.9	46.8	47.1	47.2	51
292.4	290.0	288.1	1,038.1	1,050.2	1,062.3	243.9	253.3	253.6	730.3	758.7	762.2	777.4	814.0	817.4	52
5.5	5.7	5.6	19.0	19.5	19.5	3.0	3.0	3.0	11.2	11.4	11.4	10.1	10.5	10.4	53
5.4	5.7	5.7	32.5	32.4	32.5	9.3	9.1	9.1	25.1	25.9	26.1	63.4	68.3	68.5	54
9.5	9.1	9.3	25.3	25.3	25.4	4.3	4.3	4.3	18.3	18.4	18.5	17.1	17.4	17.4	55
5.8	5.7	5.7	24.3	25.8	25.9	4.7	4.7	4.7	15.4	16.3	16.3	22.2	22.7	22.7	56
49.3	48.5	48.4	201.9	203.2	204.0	66.6	68.5	68.8	135.9	136.8	137.6	92.1	98.0	98.0	57
9.9	9.7	9.7	30.7	31.8	31.9	6.0	6.0	6.0	18.8	19.1	19.2	25.2	26.8	26.7	58
25.3	25.2	25.2	73.3	74.3	74.4	15.6	16.3	16.4	52.5	52.8	53.9	44.0	47.3	47.2	59

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

80

**B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>
1	TEXAS—Continued												
2	Galveston—Texas City .....	57.7	60.8	60.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	4.1	3.9	11.6	11.6	11.6
3	Houston .....	951.0	983.3	985.9	38.4	42.4	42.8	89.2	89.4	89.7	169.7	173.4	173.2
4	Lubbock .....	72.5	70.3	70.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.2	4.5	11.4	9.6	9.6
5	San Antonio .....	309.7	303.2	303.4	1.7	1.9	1.9	22.6	20.1	20.1	39.9	36.8	36.6
6	Waco .....	56.8	55.0	55.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	2.9	2.9	13.6	11.8	11.9
	Wichita Falls .....	42.8	44.3	44.1	1.9	2.1	2.0	2.7	2.5	2.2	6.6	6.6	6.6
7	UTAH .....	430.8	440.0	445.4	12.7	13.5	13.1	22.1	21.8	23.0	66.9	67.4	68.1
8	Salt Lake City—Ogden .....	311.7	319.6	322.5	6.5	6.0	6.0	15.8	16.1	17.0	45.1	47.5	47.6
9	VERMONT .....	157.5	156.2	154.5	.8	.7	.7	7.1	5.9	6.3	42.8	39.5	39.1
10	Burlington <sup>17</sup> .....	39.6	39.1	39.3	-	-	-	-	-	-	9.1	9.0	9.0
11	Springfield <sup>17</sup> .....	13.4	12.9	12.6	-	-	-	-	-	-	6.4	6.0	6.0
12	VIRGINIA <sup>18</sup> .....	1,778.6	1,739.3	1,746.3	17.3	18.3	17.9	128.6	112.6	116.2	401.1	357.8	357.7
13	Lynchburg .....	60.6	58.6	58.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	2.8	2.9	26.7	24.9	25.0
14	Newport News—Hampton .....	127.7	123.1	124.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	6.6	6.7	32.9	29.9	30.0
15	Norfolk—Virginia Beach—Portsmouth .....	245.2	238.0	239.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.2	17.0	17.8	29.1	24.5	25.3
16	Northern Virginia <sup>19</sup> .....	341.0	340.9	341.7	.4	.4	.4	28.8	24.0	24.6	11.9	11.5	11.5
17	Richmond .....	275.7	270.7	268.8	.4	.4	.4	18.8	17.6	17.7	53.2	49.9	48.5
18	Roanoke .....	96.0	92.4	93.2	.2	.2	.2	6.1	5.5	5.8	22.3	20.3	20.8
19	WASHINGTON .....	1,176.7	1,194.5	1,202.3	2.0	2.1	2.2	53.8	47.5	50.3	245.1	241.1	240.0
20	Seattle—Everett .....	547.4	564.5	567.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.8	21.4	22.4	122.9	127.0	125.8
21	Spokane .....	102.6	98.2	99.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	3.2	3.7	14.4	13.2	13.4
22	Tacoma .....	112.0	114.6	114.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	6.0	6.1	20.1	19.2	18.9
23	WEST VIRGINIA .....	564.9	567.0	565.3	54.5	57.2	55.2	29.3	29.3	30.3	129.7	123.2	121.5
24	Charleston .....	97.9	97.4	97.5	4.6	4.8	4.9	6.3	6.0	6.1	18.3	17.8	17.4
25	Huntington—Ashland .....	91.2	90.6	90.4	.6	.6	.6	4.0	4.0	4.2	29.1	28.1	27.7
26	Wheeling .....	60.5	60.2	58.1	5.7	5.7	3.7	2.1	1.7	1.7	14.6	14.5	14.4
27	WISCONSIN .....	1,685.9	1,657.2	1,664.4	2.4	2.1	2.3	59.9	51.0	52.5	543.2	502.8	495.8
28	Appleton—Oshkosh .....	107.0	104.5	105.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.8	3.9	43.6	39.4	39.5
29	Green Bay .....	63.3	64.1	64.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.2	2.4	19.0	18.7	18.8
30	Kenosha .....	43.3	43.0	42.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2	1.3	20.9	19.7	19.2
31	La Crosse .....	34.0	34.1	34.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	.8	.9	9.0	8.8	8.7
32	Madison .....	134.4	137.3	138.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	4.9	5.1	16.6	15.8	15.6
33	Milwaukee .....	615.4	605.7	602.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.6	17.6	17.8	213.6	201.0	195.8
34	Racine .....	62.7	61.7	62.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.4	1.5	29.0	27.2	27.4
35	WYOMING .....	131.0	131.6	132.0	14.9	17.1	16.7	13.9	12.2	12.7	7.7	6.7	6.8
36	Casper .....	22.8	23.8	23.8	4.0	4.6	4.5	1.7	1.7	1.6	1.6	1.6	1.6
37	Cheyenne .....	23.2	22.5	22.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	1.5	1.7	1.5	1.5	1.5

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
<sup>4</sup> Area included in Chicago—Northwestern Indiana Standard Consolidated Area.  
<sup>5</sup> Data do not include Federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.  
<sup>6</sup> Revised to 1974 benchmark; not strictly comparable with previously published data.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>8</sup> Area included in New York—Northeastern New Jersey Standard Consolidated Area.  
<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>10</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>12</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, De'aware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

<sup>14</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>15</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>16</sup> Government and total revised; not comparable with previously published data.  
<sup>17</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>18</sup> Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.  
<sup>19</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.  
\* Not available.  
<sup>P</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	
5.8	6.1	5.6	10.2	10.5	10.7	3.7	3.9	3.9	8.1	8.8	9.1	15.3	15.8	15.9	1
80.6	80.0	79.6	221.7	230.1	230.4	57.1	60.6	60.8	184.0	188.4	189.9	110.3	119.0	119.5	2
4.5	4.3	4.3	21.0	20.5	20.4	3.5	3.5	3.4	12.2	12.7	12.9	15.7	15.5	15.8	3
13.8	13.9	14.0	75.1	71.0	70.9	20.5	20.4	20.4	52.0	51.0	51.3	84.1	88.1	88.2	4
2.8	2.8	2.8	12.7	12.6	12.6	3.2	3.3	3.3	11.6	11.7	11.7	9.7	9.9	9.9	5
2.4	2.4	2.4	10.3	10.9	11.0	1.8	1.9	1.9	6.6	7.0	7.1	10.5	10.9	10.9	6
26.3	27.4	27.5	99.5	102.3	104.2	19.8	20.7	20.9	73.3	75.7	76.7	110.0	111.2	111.9	7
21.4	22.3	22.2	74.8	77.3	77.7	16.5	17.0	17.2	48.9	50.4	51.4	82.6	83.0	83.3	8
8.3	8.0	8.0	32.0	31.2	31.3	6.4	6.4	6.4	31.1	34.3	32.5	29.2	30.3	30.3	9
2.0	1.9	1.9	8.6	8.2	8.3	-	-	-	7.8	8.0	8.0	-	-	-	10
.9	.8	.8	1.8	1.7	1.8	-	-	-	2.0	2.3	2.0	-	-	-	11
105.9	103.7	102.9	356.7	359.2	360.4	86.5	84.9	84.9	279.2	284.9	287.8	403.3	417.9	418.5	12
2.5	2.4	2.4	9.8	9.6	9.6	2.8	2.9	2.9	7.9	8.4	8.5	7.4	7.6	7.6	13
4.5	4.7	4.8	22.6	21.9	22.0	4.2	4.1	4.1	20.3	20.5	20.8	35.5	35.4	35.7	14
17.2	16.6	16.6	57.7	57.4	56.9	12.1	12.1	12.1	40.6	40.1	40.7	68.3	70.3	70.4	15
27.1	26.8	26.8	77.7	78.1	77.8	21.6	21.4	21.7	72.0	75.4	75.9	101.5	103.3	103.0	16
17.9	17.4	17.3	61.5	60.5	59.7	22.5	22.4	22.4	44.8	44.7	44.8	56.6	57.8	58.0	17
10.8	10.5	10.5	22.1	21.2	21.0	5.1	5.2	5.2	16.7	16.3	16.5	12.7	13.2	13.2	18
72.7	72.6	72.2	263.5	268.7	271.9	64.6	65.0	65.4	205.0	213.3	214.8	270.0	284.2	285.5	19
39.3	39.2	39.7	123.9	128.0	129.4	38.6	39.1	39.1	96.9	100.6	101.7	105.0	109.2	109.4	20
7.6	7.4	7.4	27.1	26.4	26.7	6.2	6.2	6.2	22.7	22.0	22.4	19.0	19.8	19.8	21
5.8	5.7	5.7	24.9	25.3	25.5	5.9	5.9	5.8	21.2	22.4	22.9	28.5	30.1	29.3	22
40.1	39.8	39.6	108.6	112.1	112.5	17.8	18.1	18.2	77.9	79.0	79.5	107.1	108.3	108.4	23
9.4	9.1	9.1	22.2	22.4	22.5	4.3	4.3	4.3	15.6	15.7	15.8	17.3	17.3	17.4	24
8.5	8.5	8.4	18.6	18.6	18.6	3.4	3.4	3.4	12.4	12.4	12.4	14.6	15.0	15.0	25
3.9	3.8	3.7	13.7	13.7	13.7	2.6	2.6	2.6	11.2	11.5	11.4	6.8	6.9	6.9	26
84.7	81.0	81.5	367.0	373.2	381.1	70.7	72.4	72.9	277.7	288.2	291.3	280.3	286.5	286.9	27
4.3	4.3	4.3	20.8	21.4	21.7	4.0	4.2	4.2	15.7	16.4	16.7	14.8	15.1	15.0	28
4.9	5.0	5.0	15.5	15.7	15.9	1.9	2.0	2.0	10.7	11.2	11.3	8.5	9.3	9.3	29
1.4	1.4	1.5	7.1	7.5	7.6	.8	.8	.8	6.8	6.6	6.8	5.2	5.7	5.6	30
2.1	1.9	1.9	8.9	9.2	9.4	.8	.8	.9	6.8	7.0	7.1	5.2	5.5	5.5	31
5.2	5.2	5.2	28.2	28.8	29.2	8.0	8.7	8.8	22.3	23.1	23.6	48.0	50.8	50.7	32
32.0	30.6	30.7	131.2	133.2	134.6	32.0	32.2	32.3	110.3	114.6	115.1	75.6	76.4	76.5	33
2.1	2.1	2.0	11.3	11.4	11.7	1.6	1.7	1.7	9.2	9.6	9.6	7.8	8.4	8.5	34
11.3	12.0	11.8	27.6	27.0	27.3	4.2	4.7	4.7	19.3	19.4	19.4	32.1	32.5	32.6	35
1.7	1.9	1.9	5.4	5.4	5.5	.8	.9	.9	3.6	3.7	3.8	4.0	4.0	4.0	36
3.3	3.0	3.0	4.6	4.4	4.5	1.1	1.4	1.4	3.9	4.0	3.8	6.6	6.7	6.7	37





**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
-	<b>TOTAL PRIVATE</b> .....	\$148.83	\$152.62	\$158.95	\$158.95	\$160.47	\$4.10	\$4.17	\$4.43	\$4.44	\$4.47
-	<b>MINING</b> .....	217.69	222.56	237.06	234.93	244.92	5.11	5.14	5.74	5.73	5.79
10	<b>METAL MINING</b> .....	222.39	221.23	241.31	243.36	-	5.27	5.28	5.90	5.95	-
101	Iron ores .....	231.95	233.80	269.06	266.57	-	5.32	5.45	6.06	6.10	-
102	Copper ores .....	225.77	220.06	237.12	240.40	-	5.35	5.29	6.08	6.18	-
11,12	<b>COAL MINING</b> .....	244.95	251.33	265.36	255.60	-	6.17	6.16	7.02	7.10	-
12	Bituminous coal and lignite mining .....	246.54	252.96	267.25	255.96	-	6.21	6.20	7.07	7.11	-
13	<b>OIL AND GAS EXTRACTION</b> .....	205.97	210.51	232.58	230.04	-	4.66	4.72	5.25	5.24	-
131,2	Crude petroleum and natural gas fields .....	217.78	212.90	239.17	236.78	-	5.21	5.18	5.92	5.89	-
138	Oil and gas field services .....	198.82	208.77	229.25	225.86	-	4.36	4.48	4.93	4.91	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	196.69	203.85	190.41	203.39	-	4.42	4.49	4.63	4.73	-
142	Crushed and broken stone .....	201.04	209.66	188.50	209.40	-	4.38	4.48	4.62	4.77	-
-	<b>CONTRACT CONSTRUCTION</b> .....	235.50	242.22	247.76	258.44	265.27	6.56	6.60	7.14	7.10	7.15
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	225.14	228.68	240.12	250.14	-	6.36	6.37	6.94	6.91	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	220.98	238.00	227.33	245.36	-	5.80	5.98	6.35	6.34	-
161	Highway and street construction .....	206.59	230.61	202.13	224.65	-	5.38	5.68	5.71	5.82	-
162	Heavy construction, nec .....	233.09	244.14	243.00	260.74	-	6.15	6.26	6.75	6.72	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	246.74	253.44	259.38	268.82	-	6.97	7.04	7.54	7.53	-
171	Plumbing, heating, air conditioning .....	256.93	265.17	276.64	280.81	-	7.02	7.09	7.60	7.61	-
172	Painting, paper hanging, decorating .....	218.69	226.55	232.55	245.35	-	6.47	6.51	6.86	6.99	-
173	Electrical work .....	281.62	289.18	298.15	299.70	-	7.55	7.63	8.08	8.10	-
174	Masonry, stonework, and plastering .....	229.31	236.51	228.14	252.17	-	6.97	7.06	7.48	7.55	-
176	Roofing and sheetmetal work .....	200.02	206.01	185.64	221.26	-	6.29	6.30	6.85	6.85	-
-	<b>MANUFACTURING</b> .....	166.18	174.50	182.28	182.75	184.47	4.25	4.33	4.71	4.71	4.73
19,24,25, 32,39	<b>DURABLE GOODS</b> .....	178.60	189.01	197.39	198.29	199.08	4.51	4.61	5.01	5.02	5.04
20-23,26-31	<b>NONDURABLE GOODS</b> .....	148.22	153.66	160.98	161.41	163.92	3.86	3.91	4.27	4.27	4.28
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	189.47	197.50	211.65	210.43	212.08	4.61	4.68	5.10	5.12	5.16
192	Ammunition, except for small arms .....	188.90	196.77	208.24	207.20	(*)	4.63	4.73	5.18	5.18	(*)
1925	Complete guided missiles .....	220.66	228.76	238.21	235.48	-	5.33	5.37	5.81	5.80	-
1929	Ammunition, exc. for small arms, nec. ....	160.39	166.46	171.30	170.13	-	3.98	4.09	4.37	4.34	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	152.38	155.93	156.49	157.80	162.15	3.80	3.85	4.14	4.12	4.19
242	Sawmills and planing mills .....	147.17	150.63	149.97	153.60	(*)	3.67	3.71	4.01	4.00	(*)
2421	Sawmills and planing mills, general .....	153.14	157.06	155.66	159.01	-	3.80	3.84	4.14	4.13	-
243	Millwork, plywood and related products .....	157.61	160.40	167.23	168.56	170.60	3.95	3.99	4.31	4.30	4.33
2431	Millwork .....	150.92	156.81	161.93	163.97	-	3.92	3.98	4.25	4.27	-
2432	Veneer and plywood .....	164.34	163.56	172.86	172.08	-	3.96	3.97	4.30	4.27	-
244	Wooden containers .....	116.49	121.48	121.40	123.50	125.51	3.01	3.06	3.29	3.25	3.26
2441,2	Wooden boxes, shooks, and crates .....	108.77	114.95	117.17	120.14	-	2.84	2.91	3.21	3.17	-
249	Miscellaneous wood products .....	136.27	138.58	141.65	142.04	142.88	3.34	3.38	3.55	3.56	3.59
25	<b>FURNITURE AND FIXTURES</b> .....	130.99	135.68	133.58	136.53	137.64	3.42	3.47	3.68	3.70	3.71
251	Household furniture .....	124.42	127.92	125.30	128.12	130.26	3.24	3.28	3.50	3.51	3.53
2511	Wood household furniture .....	117.95	122.28	117.39	120.41	-	3.04	3.08	3.27	3.29	-
2512	Upholstered household furniture .....	132.33	134.90	130.82	134.95	-	3.51	3.55	3.77	3.78	-
2515	Mattresses and bedspings .....	135.39	140.21	144.14	146.52	-	3.62	3.68	3.96	3.96	-
252	Office furniture .....	151.29	158.71	151.93	153.52	-	3.83	3.89	4.03	4.04	-
254	Partitions and fixtures .....	157.59	165.00	167.32	168.82	-	4.18	4.22	4.45	4.49	-
253,9	Other furniture and fixtures .....	142.50	149.77	149.67	152.42	151.20	3.80	3.88	3.97	3.99	4.00
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	181.25	186.82	186.05	190.88	194.40	4.41	4.48	4.71	4.76	4.80
321	Flat glass .....	218.83	232.65	230.44	228.89	-	5.43	5.50	5.79	5.78	-
322	Glass and glassware, pressed or blown .....	182.46	184.28	191.92	197.78	199.98	4.55	4.55	4.81	4.92	4.95
3221	Glass containers .....	187.77	193.59	201.14	208.38	-	4.79	4.78	4.93	5.07	-
3229	Pressed and blown glass, nec .....	176.34	172.91	178.72	182.91	-	4.28	4.28	4.63	4.69	-
324	Cement, hydraulic .....	253.89	247.21	245.14	249.96	(*)	5.85	5.90	5.95	5.98	(*)
325	Structural clay products .....	149.56	150.06	153.27	155.63	157.60	3.63	3.66	3.89	3.93	3.94
3251	Brick and structural clay tile .....	138.85	141.80	135.80	140.62	-	3.42	3.45	3.50	3.56	-
326	Pottery and related products .....	147.84	151.71	157.03	159.09	-	3.86	3.90	4.21	4.22	-
327	Concrete, gypsum, and plaster products .....	185.22	195.72	182.21	193.80	(*)	4.41	4.52	4.66	4.75	(*)
328,9	Other stone and nonmetallic mineral products .....	180.13	184.82	186.00	183.81	(*)	4.33	4.39	4.65	4.63	(*)
3291	Abrasive products .....	174.28	180.10	175.01	169.09	-	4.39	4.48	4.73	4.71	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975P	May 1975P	Apr. 1974	May 1974	Mar. 1975	Apr. 1975P	May 1975P
--	<b>TOTAL PRIVATE</b>	36.3	36.6	35.7	35.8	35.9	--	--	--	--	--
--	<b>MINING</b>	42.6	43.3	41.3	41.0	42.3	--	--	--	--	--
10	<b>METAL MINING</b>	42.2	41.9	40.9	40.9	--	--	--	--	--	
101	Iron ores	43.6	42.9	44.4	43.7	--	--	--	--	--	
102	Copper ores	42.2	41.6	39.0	38.9	--	--	--	--	--	
11,12	<b>COAL MINING</b>	39.7	40.8	37.8	36.0	--	--	--	--	--	
12	Bituminous coal and lignite mining	39.7	40.8	37.8	36.0	--	--	--	--	--	
13	<b>OIL AND GAS EXTRACTION</b>	44.2	44.6	44.3	43.9	--	--	--	--	--	
131,2	Crude petroleum and natural gas fields	41.8	41.1	40.4	40.2	--	--	--	--	--	
138	Oil and gas field services	45.6	46.6	46.5	46.0	--	--	--	--	--	
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	44.5	45.4	40.6	43.0	--	--	--	--	--	
142	Crushed and broken stone	45.9	46.8	40.8	43.9	--	--	--	--	--	
--	<b>CONTRACT CONSTRUCTION</b>	35.9	36.7	34.7	36.4	37.1	--	--	--	--	
15	<b>GENERAL BUILDING CONTRACTORS</b>	35.4	35.9	34.6	36.2	--	--	--	--	--	
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b>	38.1	39.8	35.8	38.7	--	--	--	--	--	
161	Highway and street construction	38.4	40.6	35.4	38.6	--	--	--	--	--	
162	Heavy construction, nec.	37.9	39.0	36.0	38.8	--	--	--	--	--	
17	<b>SPECIAL TRADE CONTRACTORS</b>	35.4	36.0	34.4	35.7	--	--	--	--	--	
171	Plumbing, heating, air conditioning	36.6	37.4	36.4	36.9	--	--	--	--	--	
172	Painting, paper hanging, decorating	33.8	34.8	33.9	35.1	--	--	--	--	--	
173	Electrical work	37.3	37.9	36.9	37.0	--	--	--	--	--	
174	Masonry, stonework, and plastering	32.9	33.5	30.5	33.4	--	--	--	--	--	
176	Roofing and sheet metal work	31.8	32.7	27.1	32.3	--	--	--	--	--	
--	<b>MANUFACTURING</b>	39.1	40.3	38.7	38.8	39.0	2.7	3.3	2.2	2.2	
19,24,25,32,39	<b>DURABLE GOODS</b>	39.6	41.0	39.4	39.5	39.5	2.7	3.5	2.2	2.2	
20,23,26-31	<b>NONDURABLE GOODS</b>	38.4	39.3	37.7	37.8	38.3	2.6	3.1	2.1	2.2	
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b>	41.1	42.2	41.5	41.1	41.1	3.0	3.5	3.0	2.5	
192	Ammunition, except for small arms	40.8	41.6	40.2	40.0	(*)	2.9	3.2	2.1	2.0	
1925	Complete guided missiles	41.4	42.6	41.0	40.6	--	--	--	--	--	
1929	Ammunition, exc. for small arms, nec.	40.3	40.7	39.2	39.2	--	--	--	--	--	
24	<b>LUMBER AND WOOD PRODUCTS</b>	40.1	40.5	37.8	38.3	38.7	3.8	3.9	2.6	2.4	
242	Sawmills and planing mills	40.1	40.6	37.4	38.4	(*)	4.3	4.3	2.8	2.6	
2421	Sawmills and planing mills, general	40.3	40.9	37.6	38.5	--	--	--	--	--	
243	Millwork, plywood and related products	39.9	40.2	38.8	39.2	39.4	3.2	3.3	2.4	2.4	
2431	Millwork	38.5	39.4	38.1	38.4	--	--	--	--	--	
2432	Veneer and plywood	41.5	41.2	40.2	40.3	--	--	--	--	--	
244	Wooden containers	38.7	39.7	36.9	38.0	38.5	2.6	2.6	1.7	1.7	
2441,2	Wooden boxes, shooks, and crates	38.3	39.5	36.5	37.9	--	--	--	--	--	
249	Miscellaneous wood products	40.8	41.0	39.9	39.9	39.8	4.0	4.1	2.8	2.7	
25	<b>FURNITURE AND FIXTURES</b>	38.3	39.1	36.3	36.9	37.1	2.0	2.5	.9	1.3	
251	Household furniture	38.4	39.0	35.8	36.5	36.9	2.0	2.3	.8	1.3	
2511	Wood household furniture	38.8	39.7	35.9	36.6	--	2.4	2.8	1.1	1.4	
2512	Upholstered household furniture	37.7	38.0	34.7	35.7	--	--	--	--	--	
2515	Mattresses and bedsprings	37.4	38.1	36.4	37.0	--	--	--	--	--	
252	Office furniture	39.5	40.8	37.7	38.0	--	2.4	3.3	1.2	1.2	
254	Partitions and fixtures	37.7	39.1	37.6	37.6	--	1.7	2.7	1.3	1.3	
253,9	Other furniture and fixtures	37.5	38.6	37.7	38.2	37.8	1.5	2.6	1.3	1.6	
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	41.1	41.7	39.5	40.1	40.5	4.3	4.5	3.2	3.2	
321	Flat glass	40.3	42.3	39.8	39.6	--	3.4	3.6	2.4	2.2	
322	Glass and glassware, pressed or blown	40.1	40.5	39.9	40.2	40.4	4.6	3.9	3.8	3.6	
3221	Glass containers	39.2	40.5	40.8	41.1	--	--	--	--	--	
3229	Pressed and blown glass, nec.	41.2	40.4	38.6	39.0	--	4.4	3.6	2.4	2.5	
324	Cement, hydraulic	43.4	41.9	41.2	41.8	(*)	4.1	3.6	2.8	3.1	
325	Structural clay products	41.2	41.0	39.4	39.6	40.0	4.2	4.2	2.8	2.7	
3251	Brick and structural clay tile	40.6	41.1	38.8	39.5	--	--	--	--	--	
326	Pottery and related products	38.3	38.9	37.3	37.7	--	2.7	2.5	1.4	1.1	
327	Concrete, gypsum and plaster products	42.0	43.3	39.1	40.8	(*)	5.4	6.1	3.9	4.4	
328,9	Other stone and nonmetallic mineral products	41.6	42.1	40.0	39.7	(*)	3.9	4.4	2.7	2.5	
3291	Abrasive products	39.7	40.2	37.0	35.9	--	--	--	--	--	

See footnotes at end of table.



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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. p 1975	May p 1975	Apr. 1974	May 1974	Mar. 1975	Apr. p 1975	May p 1975
	<b>DURABLE GOODS—Continued</b>										
33	<b>PRIMARY METAL INDUSTRIES</b>	41.5	41.8	40.0	39.6	39.0	3.6	4.2	2.6	2.5	—
331	Blast furnace and basic steel products	42.7	41.1	39.9	39.0	(*)	3.4	3.1	2.2	2.1	—
3312	Blast furnaces and steel mills	42.9	40.9	39.8	39.0	—	3.4	2.9	2.1	2.1	—
332	Iron and steel foundries	40.0	42.9	40.1	40.2	(*)	3.7	5.6	3.2	3.2	—
3321	Gray iron foundries	40.1	43.6	39.4	39.5	—	3.9	6.2	2.8	3.0	—
3322	Malleable iron foundries	38.2	40.9	39.4	39.4	—	—	—	—	—	—
3323	Steel foundries	40.5	41.9	41.9	41.9	—	3.4	4.4	4.1	3.8	—
333,4	Nonferrous metals	42.5	42.2	41.1	40.4	40.3	4.7	4.4	3.1	3.0	—
3334	Primary aluminum	43.0	42.2	41.3	40.4	—	—	—	—	—	—
335	Nonferrous rolling and drawing	41.3	43.0	40.4	40.5	(*)	4.3	5.3	2.8	2.8	—
3351	Copper rolling and drawing	40.6	43.3	39.5	40.0	—	—	—	—	—	—
3352	Aluminum rolling and drawing	42.3	42.8	39.8	39.4	—	6.0	5.2	2.6	2.4	—
3357	Nonferrous wire drawing and insulating	41.1	43.5	41.2	41.4	—	3.3	5.5	3.2	3.3	—
336	Nonferrous foundries	38.5	39.9	38.1	38.5	(*)	2.5	3.2	1.6	1.6	—
3361	Aluminum castings	38.8	39.6	37.8	38.3	—	—	—	—	—	—
3362,9	Other nonferrous castings	38.1	40.3	38.5	38.7	—	—	—	—	—	—
339	Miscellaneous primary metal products	40.4	42.8	40.7	40.7	(*)	3.6	5.4	3.7	3.6	—
3391	Iron and steel forgings	40.0	42.9	40.6	40.8	—	—	—	—	—	—
34	<b>FABRICATED METAL PRODUCTS</b>	39.4	41.2	39.6	39.6	39.7	2.6	3.7	2.2	2.1	—
341	Metal cans	41.1	44.4	41.9	40.8	(*)	3.2	5.0	2.4	2.2	—
342	Cutlery, hand tools, and hardware	39.0	40.3	38.9	38.9	39.0	2.3	3.0	1.7	1.7	—
3421,3,5	Cutlery and hand tools, incl. saws	39.8	40.5	38.8	38.6	—	—	—	—	—	—
3429	Hardware, nec	38.3	40.2	38.9	39.1	—	—	—	—	—	—
343	Plumbing and heating, except electric	38.3	39.9	38.4	38.5	(*)	1.7	2.6	1.4	1.4	—
3431,2	Sanitary ware and plumbers' brass goods	38.9	40.5	37.9	38.6	—	—	—	—	—	—
3433	Heating equipment, except electric	37.6	39.3	38.8	38.5	—	—	—	—	—	—
344	Fabricated structural metal products	39.5	41.0	39.9	40.0	(*)	2.6	3.6	2.7	2.6	—
3441	Fabricated structural steel	40.6	41.9	41.4	41.6	—	3.2	3.9	3.7	3.8	—
3442	Metal doors, sash, and trim	37.6	39.2	37.2	37.6	—	—	—	—	—	—
3443	Fabricated plate work (boiler shops)	39.5	41.1	40.8	40.6	—	2.3	3.8	3.5	3.0	—
3444	Sheet metal work	39.1	40.6	38.7	38.9	—	—	—	—	—	—
3446,9	Architectural and misc. metal work	40.7	41.8	39.3	39.4	—	—	—	—	—	—
345	Screw machine products, bolts, etc	41.3	43.5	39.8	39.7	(*)	4.0	5.4	2.3	1.9	—
3451	Screw machine products	41.1	43.2	39.4	39.0	—	—	—	—	—	—
3452	Bolts, nuts, rivets, and washers	41.5	43.7	40.2	40.3	—	—	—	—	—	—
346	Metal stampings	38.1	41.0	38.9	39.2	(*)	1.9	3.5	1.4	1.6	—
347	Metal services, nec	39.2	40.2	38.8	39.1	(*)	3.2	3.7	2.7	2.6	—
348	Miscellaneous fabricated wire products	39.8	40.9	38.6	39.0	38.9	2.6	3.5	1.9	1.9	—
349	Miscellaneous fabricated metal products	39.5	41.3	40.2	40.2	(*)	2.6	3.9	2.6	2.5	—
3494,8	Valves, pipe, and pipe fittings	39.3	41.6	41.2	41.0	—	—	—	—	—	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	40.6	42.3	41.0	40.9	40.6	3.1	4.5	3.1	2.9	—
351	Engines and turbines	39.8	41.6	40.5	40.6	(*)	2.4	4.3	2.7	2.4	—
3511	Steam engines and turbines	39.5	39.2	41.6	41.5	—	—	—	—	—	—
3519	Internal combustion engines, nec	39.9	42.7	40.0	40.2	—	—	—	—	—	—
352	Farm machinery	40.0	42.0	41.2	40.5	—	2.9	4.6	3.7	3.1	—
353	Construction and related machinery	40.4	42.6	41.9	41.8	(*)	2.4	4.3	3.8	3.7	—
3531,2	Construction and mining machinery	40.6	42.6	41.7	41.2	—	1.9	4.2	3.7	3.5	—
3533	Oil field machinery	41.0	44.7	44.2	45.0	—	—	—	—	—	—
3535,6	Conveyors, hoists, cranes, monorails	40.3	42.0	41.4	41.8	—	—	—	—	—	—
3537	Industrial trucks and tractors	38.9	40.8	38.5	38.3	—	—	—	—	—	—
354	<b>Metal working machinery</b>	42.3	43.8	41.3	41.0	(*)	4.9	6.1	3.6	3.2	—
3541	Machine tools, metal cutting types	43.7	44.0	43.0	42.6	—	5.8	6.5	4.6	4.2	—
3544	Special dies, tools, jig and fixtures	42.9	44.7	41.7	41.5	—	—	—	—	—	—
3545	Machine tool accessories	41.8	43.5	40.3	40.2	—	4.3	5.3	2.7	2.4	—
3542,8	Miscellaneous metal working machinery	40.4	42.5	40.0	39.6	—	—	—	—	—	—
355	Special industry machinery	40.5	42.3	40.2	39.9	(*)	3.1	4.6	2.6	2.4	—
3551	Food products machinery	40.3	41.6	40.4	40.0	—	—	—	—	—	—
3552	Textile machinery	38.8	40.7	38.1	(*)	—	—	—	—	—	—
3555	Printing trades machinery	41.6	43.3	40.5	39.6	—	—	—	—	—	—
356	General industrial machinery	39.9	42.0	40.9	40.7	(*)	2.6	4.4	3.3	3.1	—
3561	Pumps and compressors	40.5	41.8	41.1	40.7	—	2.7	4.1	3.3	2.8	—
3562	Ball and roller bearings	38.5	41.4	41.4	41.4	—	1.7	4.4	3.4	3.6	—
3564	Blowers and fans	40.0	42.0	38.7	37.9	—	—	—	—	—	—
3566	Power transmission equipment	40.7	43.0	42.4	42.3	—	3.4	5.4	4.7	4.3	—
357	Office and computing machines	40.6	41.5	40.8	40.6	(*)	2.1	2.9	1.9	1.4	—
3573	Electronic computing equipment	41.1	41.6	41.5	41.2	—	—	—	—	—	—
358	Service industry machines	39.0	40.0	38.1	38.4	(*)	2.0	2.7	.8	.7	—
3585	Refrigeration machinery	39.0	40.0	37.5	38.2	—	2.1	2.9	.2	.3	—
359	Miscellaneous machinery, except electrical	40.9	42.4	42.3	42.3	(*)	3.7	4.9	3.7	3.5	—

See footnotes at end of table.



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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	38.7	39.9	39.1	39.1	39.1	1.7	2.4	1.5	1.4	—
361	Electric test and distributing equipment	40.1	41.0	39.6	39.1	(*)	2.5	3.1	2.1	1.4	—
3611	Electric measuring instruments	39.2	39.7	38.9	38.4	—	2.0	2.1	1.3	.9	—
3612	Transformers	40.4	40.7	38.7	39.1	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	40.7	42.2	40.8	39.8	—	—	—	—	—	—
362	Electrical industrial apparatus	39.5	40.7	40.3	40.2	(*)	2.5	3.2	2.3	2.3	—
3621	Motors and generators	39.0	40.6	40.2	40.3	—	2.2	3.1	2.5	2.6	—
3622	Industrial controls	38.4	39.8	40.4	39.8	—	1.7	2.4	2.1	2.2	—
363	Household appliances	38.9	40.4	38.3	38.9	38.7	1.8	2.7	1.1	1.3	—
3632	Household refrigerators and freezers	41.0	43.3	38.4	38.9	—	—	—	—	—	—
3633	Household laundry equipment	37.1	40.0	38.6	39.3	—	—	—	—	—	—
3634	Electric housewares and fans	37.9	38.8	37.8	38.8	—	1.5	2.1	.8	.9	—
364	Electric lighting and wiring equipment	38.4	39.5	38.3	38.4	(*)	1.3	2.1	1.1	1.2	—
3641	Electric lamps	38.8	39.6	39.5	39.3	—	1.4	1.7	1.6	1.5	—
3642	Lighting fixtures	37.8	38.9	37.6	38.1	—	.6	1.8	1.0	1.3	—
3643,4	Wiring devices	38.7	39.9	38.1	38.2	—	1.8	2.6	1.0	1.0	—
365	Radio and TV receiving equipment	36.0	37.4	37.8	38.0	37.9	.4	1.0	.3	.3	—
366	Communication equipment	39.5	40.4	39.8	39.7	39.7	1.5	2.1	1.8	1.4	—
3661	Telephone and telegraph apparatus	39.6	40.2	39.5	39.5	—	—	—	—	—	—
3662	Radio and TV communication equipment	39.4	40.6	40.1	39.9	—	2.0	2.5	2.2	1.7	—
367	Electronic components and accessories	38.1	38.9	38.6	38.7	38.6	1.8	2.1	1.3	1.3	—
3671-3	Electron tubes	39.1	40.5	40.3	39.6	—	1.9	2.3	1.8	1.4	—
3674,9	Other electronic components	38.0	38.7	38.3	38.5	—	1.7	2.1	1.2	1.3	—
369	Miscellaneous electrical equip. and supplies	37.7	41.6	39.4	39.7	(*)	1.5	3.6	1.6	1.7	—
3694	Engine electrical equipment	36.4	42.0	39.1	39.8	—	—	—	—	—	—
37	<b>TRANSPORTATION EQUIPMENT</b>	38.1	40.8	38.9	39.6	39.7	2.0	3.3	1.8	2.0	—
371	Motor vehicles and equipment	37.2	41.2	38.6	39.6	(*)	1.5	3.4	1.2	1.6	—
3711	Motor vehicles	36.1	40.1	37.7	39.2	—	.8	2.5	1.1	1.2	—
3712	Passenger car bodies	31.8	38.1	38.3	39.6	—	—	—	—	—	—
3713	Truck and bus bodies	38.8	39.6	38.1	38.5	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	38.5	42.8	39.5	40.2	—	2.2	4.5	1.4	1.9	—
3715	Truck trailers	38.6	39.4	37.2	36.8	—	—	—	—	—	—
372	Aircraft and parts	40.2	41.2	40.3	40.8	(*)	2.4	3.2	2.6	2.6	—
3721	Aircraft	40.4	40.7	38.4	39.8	—	2.3	2.5	1.3	1.5	—
3722	Aircraft engines and engine parts	39.7	41.5	41.8	41.4	—	2.1	3.7	3.8	3.4	—
3723,9	Other aircraft parts and equipment	40.3	42.1	42.2	42.0	—	3.1	4.1	3.7	3.6	—
373	Ship and boat building and repairing	37.1	38.7	37.9	38.1	(*)	2.4	3.0	2.6	2.6	—
3731	Ship building and repairing	36.6	38.1	37.8	38.0	—	—	—	—	—	—
3732	Boat building and repairing	38.5	40.5	38.3	38.6	—	—	—	—	—	—
374	Railroad equipment	39.1	40.4	40.2	40.1	—	3.3	3.6	2.4	1.5	—
375,9	Other transportation equipment	38.5	40.2	37.3	38.5	—	2.3	3.6	1.0	1.5	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	39.3	40.2	39.0	39.1	39.2	2.1	2.7	1.6	1.5	—
381	Engineering and scientific instruments	39.6	40.6	40.4	40.5	—	2.7	3.0	2.9	2.8	—
382	Mechanical measuring and control devices	38.2	39.6	38.6	38.8	(*)	1.7	2.5	1.5	1.5	—
3821	Mechanical measuring devices	39.4	40.1	39.2	39.6	—	2.1	3.0	1.9	1.9	—
3822	Automatic temperature controls	36.4	38.7	37.3	37.2	—	1.2	1.8	.6	.5	—
383,5	Optical and ophthalmic goods	39.0	39.8	39.3	39.3	(*)	2.1	2.6	1.7	1.6	—
385	Ophthalmic goods	38.5	39.1	39.1	39.1	—	1.6	2.0	1.7	1.7	—
384	Medical instruments and supplies	38.8	40.1	38.2	38.2	(*)	1.7	2.6	1.3	1.1	—
386	Photographic equipment and supplies	41.3	41.6	39.8	39.7	(*)	2.8	3.1	1.5	1.3	—
387	Watches, clocks, and watch cases	38.7	39.4	37.5	38.6	—	1.7	2.0	1.5	1.4	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	37.6	38.8	37.8	38.2	38.4	1.7	2.3	1.6	1.5	—
391	Jewelry, silverware, and plated ware	37.0	38.0	37.5	37.4	37.3	1.9	2.4	1.7	1.9	—
394	Toys and sporting goods	37.0	38.4	38.4	38.9	—	1.5	1.9	1.6	1.5	—
3941-3	Games, toys, dolls and play vehicles	36.1	37.7	39.1	39.8	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	37.9	39.2	37.7	38.1	—	—	—	—	—	—
395	Pens, pencils, office and art supplies	39.6	41.4	38.9	37.8	—	2.1	3.8	2.1	1.7	—
396	Costume jewelry and notions	37.0	38.2	36.4	37.1	—	1.3	2.1	.9	1.2	—
393,9	Other manufacturing industries	38.0	39.1	37.6	38.3	38.3	1.8	2.4	1.5	1.5	—
393	Musical instruments and parts	39.0	40.5	36.9	38.4	—	2.3	2.9	1.3	1.5	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	39.2	40.3	39.7	39.3	39.8	3.4	4.0	3.4	3.1	—
201	Meat products	39.0	40.9	39.0	39.0	(*)	3.7	4.7	3.4	2.8	—
2011	Meat packing plants	41.4	42.9	41.2	40.9	—	4.5	5.5	4.1	3.8	—
2013	Sausages and other prepared meats	40.4	41.7	39.9	39.4	—	—	—	—	—	—
2015	Poultry dressing plants	35.1	37.9	35.2	36.1	—	—	—	—	—	—

See footnotes at end of table.





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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. <sup>p</sup> 1975 <sup>p</sup>	May <sup>p</sup> 1975 <sup>p</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. <sup>p</sup> 1975 <sup>p</sup>	May <sup>p</sup> 1975 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—</b>										
	Continued										
	<b>Dairy products</b> .....	41.4	41.3	41.4	41.2	(*)	3.9	4.3	3.6	3.8	—
202	Ice cream and frozen desserts .....	39.9	39.9	40.3	39.3	—	—	—	—	—	—
2026	Fluid milk .....	42.0	41.9	41.9	41.9	—	—	—	—	—	—
203	Canned, cured, and frozen foods .....	36.5	37.8	38.1	37.0	—	2.4	2.9	2.7	2.3	—
2031.6	Canned, cured, and frozen sea foods .....	34.2	34.4	33.9	33.3	—	—	—	—	—	—
2032.3	Canned food, except sea foods .....	37.6	38.8	38.7	38.7	—	—	—	—	—	—
2037	Frozen fruits and vegetables .....	36.2	38.8	39.6	37.5	—	—	—	—	—	—
204	Grain mill products .....	41.4	42.2	42.6	42.2	42.9	4.4	5.3	5.3	5.1	—
2041	Flour and other grain mill products .....	42.3	44.1	44.5	43.3	—	—	—	—	—	—
2042	Prepared feeds for animals and fowls .....	42.1	42.5	42.2	42.0	—	—	—	—	—	—
205	Bakery products .....	39.2	40.3	39.3	38.9	(*)	3.1	3.4	3.1	3.0	—
2051	Bread, cake, and related products .....	39.0	40.1	38.7	38.5	—	—	—	—	—	—
2052	Cookies and crackers .....	39.9	40.9	41.0	40.3	—	—	—	—	—	—
206	Sugar .....	41.5	42.1	41.0	41.2	—	3.3	4.4	3.0	2.9	—
207	Confectionery and related products .....	38.5	39.2	39.0	38.9	(*)	1.6	2.3	1.7	1.9	—
2071	Confectionery products .....	38.1	38.7	38.8	38.7	—	—	—	—	—	—
208	Beverages .....	39.6	40.4	39.2	39.4	40.1	3.5	3.7	2.8	3.0	—
2082	Malt liquors .....	42.0	43.2	42.0	42.2	—	—	—	—	—	—
2086	Bottled and canned soft drinks .....	38.2	39.4	37.7	38.1	—	—	—	—	—	—
209	Miscellaneous foods and kindred products .....	40.7	41.4	41.7	40.7	(*)	4.2	4.5	4.4	3.5	—
21	<b>TOBACCO MANUFACTURES</b> .....	37.5	38.5	37.7	37.5	36.6	1.3	1.7	1.8	1.9	—
211	Cigarettes .....	38.3	39.0	36.7	38.0	—	1.5	2.0	2.3	2.3	—
212	Cigars .....	35.7	37.4	35.6	35.7	—	.6	.8	.6	.6	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	38.9	40.1	36.8	37.6	38.7	2.9	3.5	1.8	2.1	—
221	Weaving mills, cotton .....	39.9	41.3	37.1	37.4	(*)	3.6	4.6	2.3	2.1	—
222	Weaving mills, synthetics .....	39.9	41.0	35.5	36.3	(*)	3.6	4.2	1.1	1.4	—
223	Weaving and finishing mills, wool .....	39.0	40.9	38.9	38.5	38.3	2.5	4.1	2.0	2.0	—
224	Narrow fabric mills .....	38.2	39.4	37.8	38.3	(*)	2.5	2.6	2.0	2.2	—
225	Knitting mills .....	37.2	38.5	36.3	36.9	37.5	2.1	2.6	1.6	2.0	—
2251	Women's hosiery, except socks .....	34.3	35.8	36.4	36.0	—	—	—	—	—	—
2252	Hosiery, nec. .....	36.6	37.6	35.2	35.4	—	—	—	—	—	—
2253	Knit underwear mills .....	36.5	38.1	35.0	35.8	—	—	—	—	—	—
2254	Knit underwear mills .....	36.4	37.3	35.1	35.4	—	—	—	—	—	—
226	Textile finishing, except wool .....	39.2	40.7	39.5	40.4	(*)	2.9	3.8	3.0	3.6	—
227	Flour covering mills .....	39.0	39.9	38.8	39.6	—	2.8	3.8	2.1	2.6	—
228	Yarn and thread mills .....	39.2	39.6	34.9	36.7	(*)	2.9	3.2	1.3	1.6	—
229	Miscellaneous textile goods .....	40.5	41.4	38.8	39.1	(*)	3.3	3.6	2.4	2.6	—
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	34.4	35.5	33.8	34.2	34.3	.9	1.1	.8	.9	—
231	Men's and boys' suits and coats .....	35.1	36.1	33.0	31.8	(*)	.9	1.2	.7	.4	—
232	Men's and boys' furnishings .....	35.0	36.2	33.6	34.0	(*)	.9	1.0	.5	.6	—
2321	Men's and boys' shirts and nightwear .....	34.9	36.4	33.3	33.1	—	.9	1.1	.5	.5	—
2327	Men's and boys' separate trousers .....	35.2	36.4	33.4	34.0	—	.8	.9	.3	.6	—
2328	Men's and boys' work clothing .....	35.4	36.6	33.7	34.8	—	.9	1.0	.6	.6	—
233	Women's and misses' outerwear .....	32.8	33.5	33.1	33.4	(*)	.9	1.0	.9	1.0	—
2331	Women's and misses' blouses and waists .....	32.8	34.0	33.7	33.8	—	—	—	—	—	—
2335	Women's and misses' dresses .....	32.1	32.4	32.1	32.7	—	.8	.9	.8	.9	—
2337	Women's and misses' suits and coats .....	31.6	33.4	32.2	31.7	—	.8	1.2	.7	.9	—
2339	Women's and misses' outerwear, nec. .....	34.5	35.5	35.2	35.4	—	1.0	1.2	1.2	1.2	—
234	Women's and children's undergarments .....	35.0	35.8	33.0	33.6	(*)	.8	.9	.6	.5	—
2341	Women's and children's underwear .....	35.1	35.7	32.4	33.2	—	—	—	—	—	—
2342	Corsets and allied garments .....	34.7	36.0	34.7	35.0	—	—	—	—	—	—
235	Hats, caps, and millinery .....	35.5	36.2	35.7	36.9	—	1.3	1.5	1.2	1.4	—
236	Children's outerwear .....	33.7	35.5	33.2	34.9	(*)	.7	.9	.8	.8	—
2361	Children's dresses and blouses .....	33.3	34.8	32.2	33.9	—	—	—	—	—	—
237.8	Footwear and miscellaneous apparel .....	35.3	36.1	34.7	34.8	—	.8	1.2	.7	.8	—
239	Miscellaneous fabricated textile products .....	36.0	37.6	36.7	37.3	(*)	1.1	1.6	1.3	1.6	—
2391.2	Housefurnishings .....	36.0	37.0	36.4	37.5	—	—	—	—	—	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	41.5	42.1	40.2	40.3	40.9	4.1	4.6	3.1	3.2	—
261.2.6	Paper and pulp mills .....	44.6	44.2	42.1	41.8	(*)	6.3	5.3	4.6	4.6	—
263	Paperboard mills .....	44.4	44.6	41.1	42.0	(*)	6.9	7.3	4.6	5.1	—
264	Miscellaneous converted paper products .....	39.8	40.7	39.5	39.3	(*)	2.6	3.4	1.9	2.0	—
2643	Bags, except textile bags .....	39.2	40.5	39.2	39.3	—	—	—	—	—	—
265	Paperboard containers and boxes .....	39.1	40.4	38.8	39.1	(*)	2.5	3.2	2.0	2.2	—
2651.2	Folding and set-up paperboard boxes .....	38.8	39.9	38.6	38.6	—	—	—	—	—	—
2653	Corrugated and solid fiber boxes .....	38.8	40.5	38.7	39.2	—	2.7	3.2	2.2	2.5	—
2654	Sanitary food containers .....	39.7	42.3	39.4	39.9	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 P	May 1975 P	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 P	May 1975 P
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b>	\$ 178.97	\$ 185.11	\$ 192.62	\$ 191.42	\$ 194.51	\$ 4.85	\$ 4.91	\$ 5.22	\$ 5.23	\$ 5.30
271	Newspapers	185.27	189.54	194.94	194.01	(*)	5.37	5.40	5.70	5.74	(*)
272	Periodicals	198.91	203.67	204.29	196.35	—	5.18	5.29	5.32	5.25	—
273	Books	160.22	167.96	169.16	168.78	—	4.14	4.22	4.44	4.43	—
275	Commercial printing	181.71	188.54	198.60	197.78	(*)	4.82	4.91	5.24	5.26	(*)
2751	Commercial printing, except lithographic	174.66	180.88	190.50	191.49	—	4.67	4.76	5.08	5.12	—
2752	Commercial printing, lithographic	193.54	201.11	212.01	208.68	—	5.12	5.21	5.55	5.55	—
278	Blankbooks and bookbinding	137.27	144.35	152.33	151.90	(*)	3.70	3.73	4.03	4.04	(*)
274,6,7,9	Other publishing and printing ind.	186.35	192.12	200.25	201.00	(*)	4.93	4.99	5.34	5.36	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	198.24	198.13	208.87	209.68	213.44	4.72	4.74	5.17	5.19	5.27
281	Industrial chemicals	228.38	223.75	233.70	233.78	(*)	5.25	5.24	5.70	5.73	(*)
2812	Alkalies and chlorine	247.16	233.68	241.86	238.10	—	5.27	5.17	5.56	5.55	—
2818	Industrial organic chemicals, nec.	243.41	239.64	249.48	251.54	—	5.57	5.56	6.07	6.15	—
2819	Industrial inorganic chemicals, nec.	215.64	211.24	223.56	223.82	—	5.11	5.09	5.52	5.54	—
282	Plastics materials and synthetics	194.19	190.57	198.18	202.18	(*)	4.58	4.57	5.03	5.08	(*)
2821	Plastics materials and resins	211.56	212.11	210.00	214.25	—	4.92	4.91	5.25	5.29	—
2823,4	Synthetic fibers	177.66	170.91	183.91	188.16	—	4.23	4.22	4.74	4.80	—
283	Drugs	181.97	186.64	203.68	202.28	(*)	4.46	4.53	4.98	4.97	(*)
2834	Pharmaceutical preparations	176.61	182.90	197.88	196.02	—	4.35	4.45	4.85	4.84	—
284	Soap, cleaners, and toilet goods	187.93	193.33	204.29	204.17	(*)	4.71	4.75	5.12	5.13	(*)
2841	Soap and other detergents	240.08	247.46	269.44	264.73	—	5.87	5.92	6.40	6.41	—
2844	Toilet preparations	152.88	158.00	162.39	165.68	—	3.93	3.96	4.24	4.27	—
285	Paints and allied products	172.66	182.82	185.94	188.37	(*)	4.36	4.47	4.78	4.83	(*)
287	Agricultural chemicals	173.34	174.20	189.13	189.13	(*)	4.05	4.07	4.45	4.45	(*)
2871,2	Fertilizers, complete and mixing only	168.73	168.39	176.40	179.77	—	3.87	3.88	4.18	4.21	—
286,9	Other chemical products	188.13	187.58	195.02	198.19	(*)	4.49	4.52	4.90	4.93	(*)
2892	Explosives	191.17	183.47	196.71	195.62	—	4.53	4.53	4.93	4.94	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	236.99	231.93	259.56	261.40	268.38	5.55	5.47	6.30	6.36	6.39
291	Petroleum refining	252.95	244.02	278.36	280.16	(*)	5.91	5.81	6.74	6.80	(*)
295,9	Other petroleum and coal products	185.68	196.66	192.98	195.29	(*)	4.40	4.49	4.73	4.81	(*)
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	150.93	158.38	162.86	166.60	169.06	3.86	3.93	4.23	4.25	4.28
301	Tires and inner tubes	212.57	223.24	207.86	223.30	(*)	5.21	5.29	5.47	5.50	(*)
302,3,6	Other rubber products	144.38	152.83	157.41	158.18	(*)	3.75	3.84	4.11	4.13	(*)
302	Rubber footwear	115.44	119.81	123.75	122.72	—	3.12	3.12	3.30	3.29	—
307	Miscellaneous plastics products	134.98	140.80	149.38	150.54	151.69	3.47	3.52	3.85	3.85	3.85
31	<b>LEATHER AND LEATHER PRODUCTS</b>	107.97	113.78	112.03	115.24	118.45	2.95	3.01	3.21	3.21	3.21
311	Leather tanning and finishing	155.21	159.94	165.59	167.96	(*)	3.89	3.92	4.15	4.22	(*)
314	Footwear, except rubber	103.25	109.13	102.82	107.10	(*)	2.86	2.91	3.06	3.06	(*)
312,3,5-7,9	Other leather products	106.19	111.30	117.12	117.76	117.85	2.87	2.96	3.20	3.20	3.22
316	Luggage	110.19	113.59	113.67	115.71	—	2.97	3.07	3.22	3.17	—
317	Handbags and personal leather goods	104.62	110.29	117.11	118.49	—	2.82	2.91	3.09	3.11	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	213.31	214.25	224.76	226.69	228.28	5.28	5.29	5.69	5.71	5.75
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup>	251.43	251.21	244.10	(*)	—	5.65	5.62	5.73	(*)	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation	175.34	178.76	187.15	190.87	—	4.34	4.36	4.75	4.82	—
413	Intercity highway transportation	220.44	207.65	217.86	218.74	—	5.47	5.45	5.92	5.88	—
42	<b>TRUCKING AND WAREHOUSING</b>	221.25	227.28	234.23	235.22	—	5.49	5.53	5.90	5.91	—
421,3	Trucking and trucking terminals	226.49	232.63	240.39	241.40	—	5.62	5.66	6.04	6.05	—
422	Public warehousing	158.78	159.17	167.06	166.14	—	3.94	3.93	4.24	4.26	—
46	<b>PIPE LINE TRANSPORTATION</b>	236.34	233.51	281.64	274.62	—	5.85	5.78	6.92	6.90	—
48	<b>COMMUNICATION</b>	193.68	192.23	210.21	211.14	—	4.83	4.83	5.46	5.47	—
481	Telephone communication	193.68	191.75	210.14	211.80	—	4.83	4.83	5.53	5.53	—
4817	Switchboard operating employees <sup>3</sup>	146.86	138.84	154.56	151.80	—	3.98	3.90	4.60	4.60	—
4818	Line construction employees <sup>4</sup>	248.35	247.91	274.55	270.51	—	5.67	5.66	6.37	6.35	—
482	Telegraph communication <sup>5</sup>	219.01	220.37	231.65	231.65	—	5.29	5.31	5.65	5.65	—
483	Radio and television broadcasting	195.62	197.51	207.03	207.76	—	4.94	4.95	5.15	5.22	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
27	<b>PRINTING AND PUBLISHING</b>	36.9	37.7	36.9	36.6	36.7	2.3	2.8	2.1	1.9	—
271	Newspapers	34.5	35.1	34.2	33.8	(*)	2.1	2.4	1.5	1.4	—
272	Periodicals	38.4	38.5	38.4	37.4	—	2.8	3.1	2.6	2.3	—
273	Books	38.7	39.8	38.1	38.1	—	2.7	3.8	2.6	2.6	—
2/5	Commercial printing	37.7	38.4	37.9	37.6	(*)	2.5	3.0	2.5	2.2	—
2751	Commercial printing, except lithographic	37.4	38.0	37.5	37.4	—	2.3	2.6	2.3	2.0	—
2752	Commercial printing, lithographic	37.8	38.6	38.2	37.6	—	2.9	3.3	2.8	2.5	—
278	Blankbooks and bookbinding	37.1	38.7	37.8	37.6	(*)	1.6	2.1	1.4	1.3	—
274,6,7,9	Other publishing and printing ind.	37.8	38.5	37.5	37.5	(*)	2.0	2.6	1.9	1.6	—
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	42.0	41.8	40.4	40.4	40.5	3.4	3.5	2.3	2.2	—
281	Industrial chemicals	43.5	42.7	41.0	40.8	(*)	4.3	4.0	2.6	2.3	—
2812	Alkalies and chlorine	46.9	45.2	43.5	42.9	—	—	—	—	—	—
2818	Industrial organic chemicals, nec.	43.7	43.1	41.1	40.9	—	4.5	4.4	2.6	2.2	—
2819	Industrial inorganic chemicals, nec.	42.2	41.5	40.5	40.4	—	4.1	3.5	2.4	2.5	—
282	Plastics materials and synthetics	42.4	41.7	39.4	39.8	(*)	3.4	3.3	1.4	1.6	—
2821	Plastics materials and resins	43.0	43.2	40.0	40.5	—	4.8	4.4	2.0	2.5	—
2823,4	Synthetic fibers	42.0	40.5	38.8	39.2	—	2.5	2.4	.8	.9	—
283	Drugs	40.8	41.2	40.9	40.7	(*)	2.7	3.0	2.4	2.5	—
2834	Pharmaceutical preparations	40.6	41.1	40.8	40.5	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods	39.9	40.7	39.9	39.8	(*)	2.2	2.7	2.2	1.9	—
2841	Soap and other detergents	40.9	41.8	42.1	41.3	—	—	—	—	—	—
2844	Toilet preparations	38.9	39.9	38.3	38.8	—	—	—	—	—	—
285	Paints and allied products	39.6	40.9	38.9	39.0	(*)	2.2	3.1	1.5	1.8	—
287	Agricultural chemicals	42.8	42.8	42.5	42.5	(*)	5.6	5.2	5.0	4.5	—
2871,2	Fertilizers, complete and mixing only	43.6	43.4	42.2	42.7	—	—	—	—	—	—
286,9	Other chemical products	41.9	41.5	39.8	40.2	(*)	3.0	3.2	2.3	1.9	—
2892	Explosives	42.2	40.5	39.9	39.6	—	—	—	—	—	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	42.7	42.4	41.2	41.1	42.0	4.0	4.1	2.8	2.7	—
291	Petroleum refining	42.8	42.0	41.3	41.2	(*)	3.6	3.5	2.5	2.5	—
295,9	Other petroleum and coal products	42.2	43.8	40.8	40.6	(*)	5.2	6.1	3.7	3.5	—
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	39.1	40.3	38.5	39.2	39.5	2.7	3.5	1.9	2.1	—
301	Tires and inner tubes	40.8	42.2	38.0	40.6	(*)	3.9	5.2	2.0	2.7	—
302,3,6	Other rubber products	38.5	39.8	38.3	38.3	(*)	2.1	2.8	1.5	1.5	—
302	Rubber footwear	37.0	38.4	37.5	37.3	—	2.2	2.4	1.4	1.3	—
307	Miscellaneous plastics products	38.9	40.0	38.8	39.1	39.4	2.6	3.3	2.1	2.2	—
31	<b>LEATHER AND LEATHER PRODUCTS</b>	36.6	37.8	34.9	35.9	36.9	1.4	2.0	1.1	1.3	—
311	Leather tanning and finishing	39.9	40.8	39.9	39.8	(*)	3.4	3.9	3.1	2.9	—
314	Footwear, except rubber	36.1	37.5	33.6	35.0	(*)	1.2	1.7	.8	1.0	—
312,3,5,7,9	Other leather products	37.0	37.6	36.6	36.8	36.6	1.4	2.1	1.4	1.6	—
316	Luggage	37.1	37.0	35.3	36.5	—	1.0	1.4	.6	1.0	—
317	Handbags and personal leather goods	37.1	37.9	37.9	38.1	—	1.6	2.5	2.0	2.1	—
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	40.4	40.5	39.5	39.7	39.7	—	—	—	—	—
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup>	44.5	44.7	42.6	(*)	—	—	—	—	—	—
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	40.4	41.0	39.4	39.6	—	—	—	—	—	—
413	Intercity highway transportation	40.3	38.1	36.8	37.2	—	—	—	—	—	—
42	<b>TRUCKING AND WAREHOUSING</b>	40.3	41.1	39.7	39.8	—	—	—	—	—	—
421,3	Trucking and trucking terminals	40.3	41.1	39.8	39.9	—	—	—	—	—	—
422	Public warehousing	40.3	40.5	39.4	39.0	—	—	—	—	—	—
46	<b>PIPE LINE TRANSPORTATION</b>	40.4	40.4	40.7	39.8	—	—	—	—	—	—
48	<b>COMMUNICATION</b>	40.1	39.8	38.5	38.6	—	—	—	—	—	—
481	Telephone communication	40.1	39.7	38.0	38.3	—	—	—	—	—	—
4817	Switchboard operating employees <sup>3</sup>	36.9	35.6	33.6	33.0	—	—	—	—	—	—
4818	Line construction employees <sup>4</sup>	43.8	43.8	43.1	42.6	—	—	—	—	—	—
482	Telegraph communication <sup>5</sup>	41.4	41.5	41.0	41.0	—	—	—	—	—	—
483	Radio and television broadcasting	39.6	39.9	40.2	39.8	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
-	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$225.72	\$223.43	\$237.86	\$240.02	-	\$5.40	\$5.41	\$5.83	\$5.84	-
491	Electric companies and systems	228.48	226.87	242.54	244.96	-	5.44	5.48	5.93	5.96	-
492	Gas companies and systems	202.86	203.59	212.37	216.40	-	4.96	4.99	5.39	5.41	-
493	Combination companies and systems	251.76	246.33	265.44	264.81	-	5.98	5.95	6.32	6.32	-
494-7	Water, steam, and sanitary systems	185.15	182.57	193.11	195.91	-	4.44	4.41	4.78	4.79	-
-	<b>WHOLESALE AND RETAIL TRADE</b>	115.26	116.96	123.62	123.25	\$124.66	3.38	3.44	3.69	3.69	\$3.71
50	<b>WHOLESALE TRADE</b>	169.51	171.94	183.94	183.46	185.57	4.38	4.42	4.79	4.79	4.82
501	Motor vehicles and automotive equipment	160.24	163.46	167.91	168.44	-	4.13	4.17	4.35	4.33	-
502	Drugs, chemicals, and allied products	168.75	172.37	184.88	183.89	-	4.50	4.56	4.97	4.97	-
503	Dry goods and apparel	151.94	155.23	159.64	157.96	-	4.28	4.30	4.41	4.40	-
504	Groceries and related products	160.66	163.44	176.86	175.87	-	4.13	4.18	4.57	4.58	-
506	Electrical goods	175.34	175.74	201.60	197.50	-	4.34	4.35	5.04	5.00	-
507	Hardware; plumbing and heating equipment	158.56	160.93	167.77	169.41	-	4.14	4.18	4.45	4.47	-
508	Machinery, equipment, and supplies	185.80	188.00	203.15	204.46	-	4.68	4.70	5.13	5.15	-
509	Miscellaneous wholesalers	169.86	172.28	182.25	181.76	-	4.47	4.51	4.86	4.86	-
52-59	<b>RETAIL TRADE</b>	98.43	100.10	104.31	104.63	105.93	3.01	3.08	3.27	3.28	3.30
53	Retail general merchandise	89.90	91.77	96.37	96.98	-	2.90	2.97	3.17	3.19	-
531	Department stores	92.41	94.56	99.30	100.57	-	3.02	3.08	3.31	3.33	-
532	Mail order houses	119.60	124.41	122.76	123.11	-	3.57	3.67	3.96	4.01	-
533	Variety stores	67.56	68.07	75.44	73.37	-	2.29	2.38	2.54	2.53	-
54	Food stores	112.78	113.25	121.91	123.17	-	3.47	3.55	3.87	3.91	-
541-3	Grocery, meat, and vegetable stores	116.44	116.93	125.22	126.88	-	3.55	3.62	3.95	3.99	-
56	Apparel and accessory stores	84.59	83.90	85.85	87.03	-	2.72	2.76	2.92	2.95	-
561	Men's and boys' clothing and furnishings	100.65	103.29	108.05	110.98	-	3.03	3.13	3.43	3.49	-
562	Women's ready-to-wear stores	75.14	75.34	77.78	78.05	-	2.53	2.58	2.71	2.71	-
565	Family clothing stores	80.28	81.53	84.58	85.48	-	2.47	2.54	2.81	2.84	-
568	Shoe stores	91.17	84.09	81.99	84.23	-	2.96	2.93	2.96	3.03	-
57	Furniture and home furnishings stores	131.77	133.58	140.54	140.16	-	3.64	3.69	3.84	3.84	-
571	Furniture and home furnishings	132.86	135.79	142.80	142.45	-	3.63	3.71	3.87	3.85	-
58	Eating and drinking places <sup>8</sup>	66.97	68.50	70.07	70.15	-	2.27	2.33	2.45	2.47	-
52,55,59	Other retail trade	124.72	126.94	131.04	131.41	-	3.38	3.44	3.61	3.62	-
52	Building materials and farm equipment	135.02	137.67	141.74	143.62	-	3.48	3.53	3.73	3.74	-
551.2	Motor vehicle dealers	164.76	168.75	172.13	172.92	-	4.15	4.24	4.38	4.40	-
553.9	Other automotive and accessory dealers	138.11	141.60	142.13	144.08	-	3.47	3.54	3.58	3.62	-
591	Drug stores and proprietary stores	87.19	89.34	94.15	94.40	-	2.84	2.91	3.17	3.20	-
594	Book and stationery stores	102.05	105.94	108.16	111.87	-	3.14	3.22	3.38	3.39	-
598	Fuel and ice dealers	155.99	155.60	174.10	173.96	-	4.01	4.00	4.32	4.36	-
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	136.52	137.25	149.69	147.74	148.10	3.72	3.75	4.09	4.07	4.08
60	Banking	117.17	118.34	129.21	127.42	-	3.21	3.26	3.54	3.52	-
61	Credit agencies other than banks	128.44	128.06	139.87	136.15	-	3.38	3.37	3.72	3.65	-
612	Savings and loan associations	124.38	122.98	136.53	133.58	-	3.38	3.36	3.70	3.63	-
62	Security, commodity brokers and services	200.56	198.91	252.21	259.08	-	5.51	5.42	6.69	6.80	-
63	Insurance carriers	144.62	146.10	157.99	155.61	-	3.93	3.97	4.27	4.24	-
631	Life insurance	145.20	145.52	157.19	156.09	-	4.00	4.02	4.26	4.23	-
632	Accident and health insurance	141.33	142.07	145.20	141.84	-	3.83	3.85	4.00	3.94	-
633	Fire, marine, and casualty insurance	145.47	147.31	162.26	160.08	-	3.90	3.96	4.35	4.35	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975
—	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
	Electric companies and systems .....	41.8	41.3	40.8	41.1	—	—	—	—	—	—
491	Gas companies and systems .....	42.0	41.4	40.9	41.1	—	—	—	—	—	—
492	Combination companies and systems .....	40.9	40.8	39.4	40.0	—	—	—	—	—	—
493	Water, steam, and sanitary systems .....	42.1	41.4	42.0	41.9	—	—	—	—	—	—
494-7		41.7	41.4	40.4	40.9	—	—	—	—	—	—
—	<b>WHOLESALE AND RETAIL TRADE ..</b>	34.1	34.0	33.5	33.4	33.6	—	—	—	—	—
50	<b>WHOLESALE TRADE .....</b>	38.7	38.9	38.4	38.3	38.5	—	—	—	—	—
501	Motor vehicles and automotive equipment ..	38.8	39.2	38.6	38.9	—	—	—	—	—	—
502	Drugs, chemicals, and allied products .....	37.5	37.8	37.2	37.0	—	—	—	—	—	—
503	Dry goods and apparel .....	35.5	36.1	36.2	35.9	—	—	—	—	—	—
504	Groceries and related products .....	38.9	39.1	38.7	38.4	—	—	—	—	—	—
506	Electrical goods .....	40.4	40.4	40.0	39.5	—	—	—	—	—	—
507	Hardware, plumbing and heating equipment ..	38.3	38.5	37.7	37.5	—	—	—	—	—	—
508	Machinery, equipment, and supplies .....	39.7	40.0	39.6	39.7	—	—	—	—	—	—
509	Miscellaneous wholesalers .....	38.0	38.2	37.5	37.4	—	—	—	—	—	—
52-59	<b>RETAIL TRADE .....</b>	32.7	32.5	31.9	31.9	32.1	—	—	—	—	—
53	Retail general merchandise .....	31.0	30.9	30.4	30.4	—	—	—	—	—	—
531	Department stores .....	30.6	30.7	30.0	30.2	—	—	—	—	—	—
532	Mail order houses .....	33.5	33.9	31.0	30.7	—	—	—	—	—	—
533	Variety stores .....	29.5	28.6	29.7	29.0	—	—	—	—	—	—
54	Food stores .....	32.5	31.9	31.5	31.5	—	—	—	—	—	—
541-3	Grocery, meat, and vegetable stores .....	32.8	32.3	31.7	31.8	—	—	—	—	—	—
56	Apparel and accessory stores .....	31.1	30.4	29.4	29.5	—	—	—	—	—	—
561	Men's and boys' clothing and furnishings ..	33.0	33.0	31.5	31.8	—	—	—	—	—	—
562	Women's ready-to-wear stores .....	29.7	29.2	28.7	28.8	—	—	—	—	—	—
565	Family clothing stores .....	32.5	32.1	30.1	30.1	—	—	—	—	—	—
566	Shoe stores .....	30.8	28.7	27.7	27.8	—	—	—	—	—	—
57	Furniture and home furnishings stores .....	36.2	36.2	36.6	36.5	—	—	—	—	—	—
571	Furniture and home furnishings .....	36.6	36.6	36.9	37.0	—	—	—	—	—	—
58	Eating and drinking places <sup>6</sup> .....	29.5	29.4	28.6	28.4	—	—	—	—	—	—
52,55,59	Other retail trade .....	36.9	36.9	36.3	36.3	—	—	—	—	—	—
52	Building materials and farm equipment .....	38.8	39.0	38.0	38.4	—	—	—	—	—	—
551,2	Motor vehicle dealers .....	39.7	39.8	39.3	39.3	—	—	—	—	—	—
553,9	Other automotive and accessory dealers .....	39.8	40.0	39.7	39.8	—	—	—	—	—	—
591	Drug stores and proprietary stores .....	30.7	30.7	29.7	29.5	—	—	—	—	—	—
594	Book and stationery stores .....	32.5	32.9	32.0	33.0	—	—	—	—	—	—
598	Fuel and ice dealers .....	38.9	38.9	40.3	39.9	—	—	—	—	—	—
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup> .....</b>	36.7	36.6	36.6	36.3	36.3	—	—	—	—	—
60	Banking .....	36.5	36.3	36.5	36.2	—	—	—	—	—	—
61	Credit agencies other than banks .....	38.0	38.0	37.6	37.3	—	—	—	—	—	—
612	Savings and loan associations .....	36.8	36.6	36.9	36.8	—	—	—	—	—	—
62	Security, commodity brokers and services ..	36.4	36.7	37.7	38.1	—	—	—	—	—	—
63	Insurance carriers .....	36.8	36.8	37.0	36.9	—	—	—	—	—	—
631	Life insurance .....	36.3	36.2	36.9	36.9	—	—	—	—	—	—
632	Accident and health insurance .....	36.9	36.9	36.3	36.0	—	—	—	—	—	—
633	Fire, marine, and casualty insurance .....	37.3	37.2	37.3	36.8	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>
-	<b>SERVICES</b> .....	\$124.38	\$125.36	\$134.19	\$133.79	\$134.13	\$3.68	\$3.72	\$3.97	\$3.97	\$3.98
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	82.37	83.52	87.68	87.22	-	2.55	2.61	2.74	2.76	-
	Personal services:										
721	Laundries and dry cleaning plants .....	95.74	98.49	103.80	103.75	-	2.72	2.79	3.00	2.99	-
722	Photographic studios .....	107.10	109.20	101.99	101.35	-	3.06	3.12	3.10	3.09	-
	Motion pictures:										
781	Motion picture filming and distributing ...	230.35	245.23	250.80	254.22	-	6.03	6.24	6.60	6.69	-
806	Hospitals .....	114.55	115.59	127.62	127.88	-	3.33	3.37	3.71	3.75	-

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

<sup>2</sup> Beginning January 1985, data relate to railroads with operating revenues of \$5,000,000 or more.

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

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and

laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.

\* Not available.

<sup>p</sup> preliminary.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Apr. 1974	May 1974	Mar. 1975	Apr. p 1975	May p 1975	Apr. 1974	May 1974	Mar. 1975	Apr. p 1975	May p 1975
—	<b>SERVICES</b> .....	33.8	33.7	33.8	33.7	33.7	—	—	—	—	—
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> .....	32.3	32.0	32.0	31.6	—	—	—	—	—	—
721	Personal services: Laundries and dry cleaning plants .....	35.2	35.3	34.6	34.7	—	—	—	—	—	—
722	Photographic studios .....	35.0	35.0	32.9	32.8	—	—	—	—	—	—
781	Motion pictures: Motion picture filming and distributing .....	38.2	39.3	38.0	38.0	—	—	—	—	—	—
806	Hospitals .....	34.4	34.3	34.4	34.1	—	—	—	—	—	—

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

of SIC 372.

The series shown below include these payments as well as an additional 17 cents delayed payment for employees in a number of companies which had been pending as a consequence of litigation.

These payments were due under labor-management contracts the last of which expired in November 1973.

**Average hourly earnings September 1971—November 1973 (revised to March 1973 benchmarks)**

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>SIC 372</b>													
1971 .....	\$4.36	—	—	—	—	—	—	—	—	\$4.42	\$4.46	\$4.51	\$4.62
1972 .....	4.75	\$4.60	\$4.66	\$4.64	\$4.70	\$4.71	\$4.72	\$4.71	\$4.79	4.80	4.83	4.87	4.93
1973 .....	5.01	4.90	4.91	4.92	4.92	4.94	4.96	4.98	5.06	5.06	5.12	5.15	—
<b>SIC 3721</b>													
1971 .....	4.42	—	—	—	—	—	—	—	—	4.51	4.56	4.63	4.73
1972 .....	4.85	4.72	4.68	4.74	4.83	4.82	4.83	4.79	4.89	4.90	4.94	4.99	5.04
1973 .....	5.13	5.00	5.04	5.05	5.03	5.08	—	—	—	—	—	—	—
<b>SIC 3722</b>													
1971 .....	4.38	—	—	—	—	—	—	—	—	4.38	4.43	4.48	4.64
1972 .....	4.76	4.61	4.64	4.65	4.66	4.70	4.71	4.77	4.82	4.83	4.85	4.87	5.01
1973 .....	5.06	4.95	4.95	4.96	—	—	—	—	—	—	—	—	—
<b>SIC 3723, 9</b>													
1971 .....	4.17	—	—	—	—	—	—	—	—	4.24	4.24	4.24	4.33
1972 .....	4.44	4.26	4.33	4.38	4.40	4.45	4.46	4.45	4.47	4.50	4.50	4.54	4.56
1973 .....	4.67	4.56	4.53	4.58	4.60	4.58	4.63	4.67	4.69	4.73	4.77	4.83	—

**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	1973	1974											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Executive Branch</b>													
Total employment . . . . .	2,658.3	2,616.5	2,638.7	2,647.1	2,664.1	2,677.3	2,710.4	2,737.8	2,713.7	2,680.8	2,673.1	2,676.5	2,711.0
Average weekly hours . . . . .	41.7	(*)	39.3	39.6	39.5	39.2	39.3	(*)	(*)	39.5	39.6	(*)	40.8
Average overtime hours . . . . .	3.1	(*)	1.0	1.2	1.0	1.0	1.1	(*)	(*)	1.1	1.2	(*)	2.4
Indexes (1967=100):													
Average weekly earnings . . . . .	180.8	(*)	167.7	168.4	170.2	169.1	171.7	(*)	(*)	172.3	173.6	(*)	190.3
Average hourly earnings . . . . .	170.8	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)	171.9	172.7	(*)	183.8
<b>Department of Defense</b>													
Total employment . . . . .	946.2	946.2	950.2	953.3	958.2	966.4	988.4	990.3	977.8	962.9	959.7	960.0	957.8
Average weekly hours . . . . .	39.8	(*)	39.8	40.0	40.0	39.9	39.9	(*)	(*)	39.9	40.1	(*)	40.1
Average overtime hours . . . . .	.6	(*)	.7	.9	.7	.8	.9	(*)	(*)	.8	.8	(*)	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	162.5	(*)	164.7	164.2	170.4	166.5	172.9	(*)	(*)	164.8	167.0	(*)	175.7
Average hourly earnings . . . . .	164.6	(*)	166.8	165.4	171.7	168.1	174.7	(*)	(*)	166.5	167.8	(*)	176.6
<b>Postal service</b>													
Total employment . . . . .	748.7	704.5	704.2	702.0	702.7	701.7	704.4	703.9	701.8	697.0	695.7	700.7	740.5
Average weekly hours . . . . .	48.0	(*)	39.4	39.7	39.4	38.8	38.8	(*)	(*)	39.8	40.6	(*)	45.1
Average overtime hours . . . . .	9.4	(*)	1.3	1.6	1.4	.9	.9	(*)	(*)	1.4	1.9	(*)	6.7
Indexes (1967=100):													
Average weekly earnings . . . . .	236.2	(*)	180.5	182.8	181.1	183.6	183.3	(*)	(*)	195.8	201.1	(*)	243.6
Average hourly earnings . . . . .	189.9	(*)	176.8	177.7	177.4	182.6	182.3	(*)	(*)	189.9	191.2	(*)	208.5
<b>Other agencies</b>													
Total employment . . . . .	963.4	965.8	984.3	991.8	1,003.2	1,009.2	1,017.6	1,043.6	1,034.1	1,020.9	1,017.7	1,015.8	1,012.7
Average weekly hours . . . . .	38.7	(*)	38.9	39.1	39.0	38.8	39.0	(*)	(*)	38.9	38.5	(*)	38.5
Average overtime hours . . . . .	.8	(*)	1.1	1.1	1.1	1.2	1.4	(*)	(*)	1.3	1.1	(*)	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	165.4	(*)	164.5	164.9	164.5	164.1	164.0	(*)	(*)	166.3	164.8	(*)	174.1
Average hourly earnings . . . . .	165.8	(*)	164.1	163.6	163.6	164.1	163.1	(*)	(*)	165.8	166.1	(*)	175.5

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

Not available.

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	May 1975 <sup>p</sup>
<b>MANUFACTURING</b> . . . . .	\$4.11	\$4.16	\$4.58	\$4.58	\$4.60
<b>DURABLE GOODS</b> . . . . .	4.37	4.42	4.87	4.88	4.90
Ordnance and accessories . . . . .	4.45	4.49	4.93	4.96	-
Lumber and wood products . . . . .	3.63	3.68	4.00	3.99	-
Furniture and fixtures . . . . .	3.34	3.36	3.64	3.63	-
Stone, clay, and glass products . . . . .	4.19	4.25	4.53	4.58	-
Primary metal industries . . . . .	5.17	5.29	5.82	5.83	-
Fabricated metal products . . . . .	4.27	4.34	4.76	4.80	-
Machinery, except electrical . . . . .	4.56	4.60	5.03	5.06	-
Electrical equipment and supplies . . . . .	3.92	3.97	4.38	4.41	-
Transportation equipment . . . . .	5.11	5.15	5.68	5.69	-
Instruments and related products . . . . .	3.97	3.98	4.38	4.39	-
Miscellaneous manufacturing industries . . . . .	3.35	3.37	3.66	3.68	-
<b>NONDURABLE GOODS</b> . . . . .	3.74	3.76	4.15	4.15	4.16
Food and kindred products . . . . .	3.90	3.92	4.28	4.31	-
Tobacco manufactures . . . . .	4.04	4.17	4.60	4.67	-
Textile mill products . . . . .	2.94	2.98	3.22	3.22	-
Apparel and other textile products . . . . .	2.86	2.91	3.13	3.12	-
Paper and allied products . . . . .	4.16	4.17	4.60	4.61	-
Printing and publishing . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products . . . . .	4.53	4.55	5.03	5.06	-
Petroleum and coal products . . . . .	5.30	5.22	6.10	6.16	-
Rubber and plastics products, nec . . . . .	3.74	3.76	4.12	4.14	-
Leather and leather products . . . . .	2.89	2.93	3.16	3.15	-

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

<sup>p</sup> = preliminary.

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



C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division, in current and 1967 dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Worker with no dependents			Worker with three dependents		
				Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$148.83	\$158.15	\$158.95	\$120.03	\$126.74	\$127.30	\$130.03	\$137.22	\$137.84
1967 dollars	103.43	100.22	100.22	83.41	80.32	80.26	90.36	86.96	86.91
<b>MINING:</b>									
Current dollars	217.69	237.06	234.93	170.19	184.31	182.75	183.46	198.57	196.91
1967 dollars	151.28	150.23	148.13	118.27	116.80	115.23	127.49	125.84	124.16
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	235.50	247.76	258.44	183.17	192.04	199.55	197.35	206.91	214.92
1967 dollars	163.66	157.01	162.95	127.29	121.70	125.82	137.14	131.12	135.51
<b>MANUFACTURING:</b>									
Current dollars	166.18	182.28	182.75	132.38	144.23	144.58	143.29	155.84	156.21
1967 dollars	115.48	115.51	115.23	91.99	91.40	91.16	99.58	98.76	98.49
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	213.31	224.76	226.69	166.99	175.34	176.75	180.04	188.97	190.48
1967 dollars	148.23	142.43	142.93	116.05	111.12	111.44	125.11	119.75	120.10
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	115.26	123.62	123.25	95.46	101.59	101.32	103.83	110.41	110.12
1967 dollars	80.10	78.34	77.71	66.34	64.38	63.88	72.15	69.97	69.43
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	136.52	149.69	147.74	111.02	120.66	119.23	120.49	130.70	129.19
1967 dollars	94.87	94.86	93.15	77.15	76.46	75.18	83.73	82.83	81.46
<b>SERVICES:</b>									
Current dollars	124.38	134.19	133.79	102.14	109.32	109.03	111.00	118.67	118.36
1967 dollars	86.44	85.04	84.36	70.98	69.28	68.75	77.14	75.20	74.63
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	143.9	157.8	158.6	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

100

**C-6. Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group**

1967 100

Industry division and group	Apr. 1974	May 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	May 1975 <sup>P</sup>
	Man-hours				
<b>TOTAL</b> .....	111.0	113.0	103.2	104.1	105.5
<b>GOODS-PRODUCING</b> .....	100.8	104.5	85.7	87.1	88.6
<b>MINING</b> .....	106.9	110.3	108.1	107.9	113.2
<b>CONTRACT CONSTRUCTION</b> .....	112.4	119.6	85.7	93.9	99.6
<b>MANUFACTURING</b> .....	98.5	101.7	84.9	85.1	85.8
<b>DURABLE GOODS</b> .....	99.7	103.3	85.2	85.1	85.1
Ordnance and accessories .....	48.1	47.9	48.4	47.3	46.8
Lumber and wood products .....	106.6	108.7	79.7	82.1	86.6
Furniture and fixtures .....	111.3	113.5	84.2	86.1	87.1
Stone, clay, and glass products .....	109.6	113.1	88.7	91.0	94.2
Primary metal industries .....	102.1	103.1	86.5	84.1	81.8
Fabricated metal products .....	102.6	107.7	87.5	87.9	87.3
Machinery, except electrical .....	103.6	107.1	98.0	95.4	92.9
Electrical equipment and supplies .....	101.4	104.3	83.0	82.1	82.0
Transportation equipment .....	85.1	91.8	74.7	77.2	78.3
Instruments and related products .....	111.1	113.8	99.5	98.8	97.6
Miscellaneous manufacturing .....	98.6	103.2	82.8	84.4	86.8
<b>NONDURABLE GOODS</b> .....	96.9	99.4	84.5	85.1	87.0
Food and kindred products .....	89.6	93.2	86.9	85.9	88.1
Tobacco manufactures .....	78.8	78.3	77.2	73.2	70.8
Textile mill products .....	100.0	102.6	78.1	81.6	86.0
Apparel and other textile products .....	90.5	93.9	76.0	77.7	78.9
Paper and allied products .....	100.8	102.1	84.7	84.3	86.0
Printing and publishing .....	97.0	99.0	92.9	91.6	90.5
Chemicals and allied products .....	104.4	103.7	93.1	92.3	92.5
Petroleum and coal products .....	105.0	108.2	96.9	97.6	99.9
Rubber and plastics products, nec .....	126.2	130.8	100.5	103.5	105.7
Leather and leather products .....	77.9	81.0	63.4	65.5	70.1
<b>SERVICE-PRODUCING</b> .....	118.1	118.9	115.4	115.9	117.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	108.4	109.6	100.7	101.2	101.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	115.0	115.4	110.0	110.8	112.3
<b>WHOLESALE TRADE</b> .....	113.3	114.5	110.8	110.5	111.1
<b>RETAIL TRADE</b> .....	115.5	115.8	109.7	110.9	112.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	122.7	123.3	120.6	120.3	120.9
<b>SERVICES</b> .....	125.6	126.7	127.9	128.5	129.8

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

p = preliminary.

C-6. Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued

1967 100

Industry division and group	Apr. 1974	May 1974	Mar. 1975	Apr. p 1975	May p 1975
	Payrolls				
<b>TOTAL</b> .....	170.0	175.9	170.7	172.7	176.0
<b>GOODS-PRODUCING</b> .....	155.0	163.7	144.4	147.4	151.3
<b>MINING</b> .....	171.1	177.7	194.6	193.9	205.6
<b>CONTRACT CONSTRUCTION</b> .....	179.2	192.0	148.8	162.0	173.2
<b>MANUFACTURING</b> .....	148.2	155.9	141.3	141.9	143.5
<b>DURABLE GOODS</b> .....	149.8	158.7	142.0	142.3	142.8
Ordnance and accessories .....	69.6	70.4	77.5	76.0	75.9
Lumber and wood products .....	171.5	177.1	139.4	143.0	153.6
Furniture and fixtures .....	165.8	169.2	133.3	136.7	138.9
Stone, clay, and glass products .....	171.7	179.7	148.3	153.5	160.5
Primary metal industries .....	165.1	171.3	155.5	151.5	147.9
Fabricated metal products .....	152.0	164.0	143.9	145.6	145.3
Machinery, except electrical .....	153.7	162.8	160.6	156.6	153.5
Electrical equipment and supplies .....	146.6	153.7	133.7	132.8	133.5
Transportation equipment .....	129.7	145.1	126.3	131.0	133.4
Instruments and related products .....	158.9	164.4	156.3	155.1	153.8
Miscellaneous manufacturing .....	143.7	152.7	131.6	134.9	138.8
<b>NONDURABLE GOODS</b> .....	145.6	151.1	140.2	141.2	144.8
Food and kindred products .....	138.2	145.4	147.1	145.7	150.2
Tobacco manufactures .....	142.6	147.1	160.3	154.6	149.0
Textile mill products .....	148.3	155.5	125.5	131.2	139.0
Apparel and other textile products .....	129.1	136.8	118.5	121.0	122.0
Paper and allied products .....	153.5	156.4	140.7	140.7	145.6
Printing and publishing .....	143.4	148.2	147.9	146.3	146.4
Chemicals and allied products .....	158.8	158.4	155.3	154.5	157.2
Petroleum and coal products .....	162.9	165.6	170.8	173.6	178.5
Rubber and plastics products, nec .....	177.6	187.1	154.7	160.2	164.9
Leather and leather products .....	111.1	117.8	98.5	101.8	109.0
<b>SERVICE-PRODUCING</b> .....	182.8	186.3	193.4	194.5	197.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	176.8	179.2	177.2	178.6	180.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	173.0	176.8	180.6	182.3	185.6
<b>WHOLESALE TRADE</b> .....	172.4	175.8	184.6	184.1	186.2
<b>RETAIL TRADE</b> .....	173.3	177.3	178.6	181.3	185.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	176.9	178.9	190.8	189.3	190.9
<b>SERVICES</b> .....	201.6	206.0	221.7	223.0	225.9

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

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

102

**C-7. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

Industry	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.p	MayP
<b>TOTAL</b> .....	36.7	36.7	36.7	36.7	36.7	36.6	36.2	36.4	36.2	36.0	35.9	36.1	36.0
<b>MINING</b> .....	43.3	43.2	43.0	42.9	43.4	43.4	36.4	41.0	42.4	42.5	41.8	41.4	42.3
<b>CONTRACT CONSTRUCTION</b> .....	36.7	36.9	36.9	36.4	36.5	37.2	37.1	37.5	37.1	36.6	34.9	36.8	37.1
<b>MANUFACTURING</b> .....	40.3	40.1	40.2	40.2	40.0	40.1	39.5	39.4	39.2	38.8	38.8	39.0	39.0
<i>Overtime hours</i> .....	3.4	3.4	3.4	3.4	3.3	3.2	2.8	2.7	2.3	2.3	2.3	2.3	2.3
<b>DURABLE GOODS</b> .....	40.9	40.8	40.7	40.9	40.8	40.7	40.2	40.2	40.0	39.6	39.4	39.6	39.4
<i>Overtime hours</i> .....	3.5	3.4	3.5	3.6	3.5	3.4	3.0	2.8	2.5	2.4	2.3	2.4	2.2
Ordnance and accessories .....	42.3	42.0	41.7	41.3	41.5	41.4	41.9	41.8	42.1	41.2	41.2	41.2	41.2
Lumber and wood products .....	40.3	40.3	39.9	39.9	39.2	38.9	38.5	38.1	37.9	38.6	37.8	38.3	38.5
Furniture and fixtures .....	39.4	39.5	39.4	38.9	38.8	38.6	37.7	37.3	36.4	36.3	36.5	37.3	37.4
Stone, clay, and glass products .....	41.5	41.5	41.4	41.3	41.3	41.4	41.2	41.0	40.9	40.2	39.6	40.3	40.3
Primary metal industries .....	41.6	41.7	41.6	41.8	42.1	42.2	41.7	41.1	40.5	40.2	39.9	39.4	38.8
Fabricated metal products .....	41.0	41.0	40.8	41.0	41.2	41.0	40.4	40.6	40.4	39.7	39.8	39.7	39.5
Machinery, except electrical .....	42.3	42.4	42.2	42.7	42.7	42.4	42.3	42.1	41.8	41.2	40.8	41.0	40.6
Electrical equipment and supplies .....	39.9	40.1	39.9	39.6	39.8	39.7	39.4	39.5	39.4	39.0	39.2	39.3	39.1
Transportation equipment .....	40.5	39.7	40.1	40.7	40.2	40.6	39.5	39.5	39.5	39.1	39.0	40.3	39.4
Instruments and related products .....	40.2	40.5	40.1	40.4	40.1	39.9	39.9	39.8	39.5	38.9	39.0	39.2	39.2
Miscellaneous manufacturing industries .....	38.8	39.0	38.9	38.7	38.6	38.4	38.0	38.1	38.1	37.6	37.7	38.2	38.4
<b>NONDURABLE GOODS</b> .....	39.4	39.3	39.2	39.2	39.0	39.0	38.4	38.2	38.0	37.7	37.9	38.0	38.4
<i>Overtime hours</i> .....	3.2	3.3	3.2	3.1	3.0	2.9	2.5	2.5	2.2	2.1	2.2	2.2	2.3
Food and kindred products .....	40.5	40.6	40.5	40.4	40.3	40.3	40.0	40.0	39.9	39.9	40.3	39.9	40.0
Tobacco manufactures .....	38.8	37.3	37.0	37.6	38.5	37.0	37.4	37.7	37.3	37.6	39.1	38.5	36.9
Textile mill products .....	40.3	40.2	40.2	39.5	39.2	38.3	37.6	36.6	36.0	36.1	36.8	37.8	38.9
Apparel and other textile products .....	35.6	34.7	35.3	35.3	35.3	35.4	34.4	34.2	34.0	33.6	33.7	34.3	34.4
Paper and allied products .....	42.4	42.4	42.2	42.1	41.9	41.7	41.3	41.2	41.1	40.5	40.4	40.5	41.1
Printing and publishing .....	37.7	37.6	37.5	37.8	37.6	37.7	37.4	37.3	37.5	37.2	36.9	36.8	36.7
Chemicals and allied products .....	41.8	41.8	41.8	41.8	41.5	41.4	41.2	41.0	40.6	40.5	40.4	40.2	40.5
Petroleum and coal products .....	42.4	42.6	42.2	41.9	42.2	42.6	42.2	42.3	42.0	41.9	41.8	41.0	42.0
Rubber and plastics products, nec .....	40.4	40.6	40.4	40.7	40.5	40.8	39.8	39.5	39.5	38.7	38.6	39.2	39.6
Leather and leather products .....	37.6	37.6	37.0	37.2	36.7	37.0	36.6	36.1	35.7	35.3	35.1	36.4	36.7
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.6	40.3	40.7	40.5	40.4	40.4	39.9	40.1	40.2	39.9	39.9	40.1	39.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	34.3	34.2	34.1	34.1	34.1	33.9	33.9	34.0	33.8	33.9	33.9	33.7	33.9
<b>WHOLESALE TRADE</b> .....	39.0	39.0	39.0	38.7	38.9	38.7	38.6	38.6	38.7	38.6	38.5	38.6	38.6
<b>RETAIL TRADE</b> .....	32.9	32.7	32.6	32.6	32.5	32.4	32.4	32.4	32.3	32.3	32.4	32.2	32.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	36.7	36.8	36.7	36.8	36.9	36.7	36.7	36.9	37.1	36.9	36.6	36.3	36.4
<b>SERVICES</b> .....	34.0	34.2	34.0	34.1	34.1	33.9	34.0	34.0	34.2	34.1	34.0	33.9	34.0

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

p = preliminary.

C-8. Indexes of aggregate weekly man-hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[1967 = 100]

Industry division and group	1974								1975				
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	AprP	MayP
<b>TOTAL</b> .....	113.6	113.5	113.3	113.4	113.4	113.0	111.2	109.7	108.7	106.7	105.5	105.7	106.1
<b>GOODS-PRODUCING</b> .....	105.0	104.6	104.0	103.8	103.7	103.0	99.4	96.5	94.1	90.0	88.0	88.9	89.0
<b>MINING</b> .....	110.1	110.3	110.2	109.9	112.3	114.0	95.8	100.9	113.3	113.5	112.1	110.0	113.0
<b>CONTRACT CONSTRUCTION</b> .....	119.7	117.8	115.3	115.6	115.2	116.5	114.4	113.1	111.9	103.4	94.9	99.5	99.7
<b>MANUFACTURING</b> .....	102.2	102.1	101.8	101.6	101.3	100.3	96.9	93.4	90.3	86.9	85.9	86.3	86.3
<b>DURABLE GOODS</b> .....	103.0	103.2	102.8	102.5	102.5	101.7	98.1	94.4	91.0	86.9	85.8	85.7	84.8
Ordnance and accessories .....	49.5	48.0	48.2	47.7	49.1	49.0	49.0	49.5	49.3	48.2	48.2	48.2	48.2
Lumber and wood products .....	108.3	106.8	104.9	103.4	99.9	95.8	90.6	87.8	84.1	83.0	81.9	83.5	86.3
Furniture and fixtures .....	115.6	115.6	114.0	112.3	111.0	107.4	100.6	96.1	89.2	86.3	85.4	88.0	88.7
Stone, clay, and glass products .....	112.0	110.8	110.8	110.6	108.8	107.7	105.2	101.7	98.1	93.9	91.0	92.4	93.2
Primary metal industries .....	101.2	102.2	101.6	102.6	104.6	105.0	102.3	97.7	94.0	89.5	86.1	83.0	80.4
Fabricated metal products .....	107.4	108.0	108.3	108.1	107.8	105.8	101.9	98.4	93.4	90.1	88.9	88.6	87.0
Machinery, except electrical .....	107.1	108.1	106.9	109.2	109.9	109.7	108.5	106.0	103.3	99.3	96.6	95.1	92.8
Electrical equipment and supplies .....	105.1	105.5	105.1	100.8	102.5	101.2	96.3	92.3	89.6	84.6	83.7	83.1	82.6
Transportation equipment .....	90.2	90.0	90.8	91.1	90.5	92.0	87.0	81.9	78.4	73.1	75.6	78.2	76.8
Instruments and related products .....	114.2	116.4	114.9	115.8	114.2	113.0	111.3	108.9	106.8	102.1	100.0	99.5	97.8
Miscellaneous manufacturing, Ind. ....	104.4	104.7	104.4	103.0	101.3	98.7	94.6	90.2	88.5	86.0	85.1	86.2	87.8
<b>NONDURABLE GOODS</b> .....	101.1	100.5	100.3	100.2	99.5	98.2	95.0	92.0	89.3	86.8	86.1	87.1	88.5
Food and kindred products .....	98.8	97.4	96.5	97.3	97.9	97.4	95.6	94.7	93.0	92.4	93.4	92.9	93.6
Tobacco manufactures .....	88.6	85.1	84.4	84.5	82.5	83.1	81.4	83.4	86.4	85.8	86.5	83.8	80.3
Textile mill products .....	103.4	103.1	101.9	100.4	98.8	93.7	89.5	83.9	78.7	76.9	78.0	82.1	86.6
Apparel and other textile products .....	94.0	91.1	92.9	91.7	91.3	90.3	85.9	81.3	78.8	76.1	75.3	78.0	78.8
Paper and allied products .....	103.9	103.6	103.3	102.5	101.8	99.3	96.8	94.4	92.0	88.0	85.8	85.4	87.2
Printing and publishing .....	99.4	99.7	99.4	100.2	99.1	99.1	96.9	96.4	96.6	94.5	92.9	92.1	90.9
Chemicals and allied products .....	103.9	104.8	105.3	106.0	105.5	105.1	103.3	100.3	97.1	95.4	93.2	91.8	92.6
Petroleum and coal products .....	107.5	108.0	107.0	105.4	106.1	108.0	107.0	106.4	100.5	97.7	101.7	99.8	99.6
Rubber and plastics products, nec .....	131.8	134.7	133.6	135.8	134.1	134.6	125.3	118.6	114.7	105.1	101.3	104.3	106.6
Leather and leather products .....	80.1	80.1	78.9	78.6	76.6	75.7	74.8	71.9	68.7	65.8	64.2	66.9	69.3
<b>SERVICE-PRODUCING</b> .....	119.6	119.7	119.8	120.0	120.2	119.9	119.4	118.9	118.9	118.2	117.7	117.3	117.9
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	109.8	108.7	109.7	109.3	108.4	108.9	107.5	107.1	105.9	103.9	102.6	103.1	101.9
<b>WHOLESALE AND RETAIL TRADE</b> .....	116.7	116.5	116.7	116.7	116.8	116.3	115.4	114.2	113.8	113.4	113.3	112.8	113.8
<b>WHOLESALE TRADE</b> .....	115.7	115.8	115.8	115.2	115.8	115.4	114.9	114.5	114.0	113.0	112.2	112.5	112.5
<b>RETAIL TRADE</b> .....	117.1	116.8	117.1	117.2	117.2	116.6	115.6	114.1	113.7	113.5	113.7	113.0	114.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	123.5	123.8	123.2	123.7	124.3	123.8	123.0	123.7	124.2	123.2	121.8	120.8	121.1
<b>SERVICES</b> .....	126.8	128.0	127.5	128.3	129.0	128.7	129.2	129.3	130.2	129.9	129.5	129.0	129.8

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

p = preliminary.

C-9. Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments, by industry division

Industry division	Annual rate Millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	MARCH 1975	APRIL 1975p	MAY 1975p	MAY 1974 to MAY 1975	MARCH 1975 to APRIL 1975	APRIL 1975 to MAY 1975
<b>TOTAL - ALL INDUSTRIES</b> .....	145,895	146,148	146,364	- 3.6	2.1	1.8
<b>TOTAL - PRIVATE</b> .....	115,864	116,018	116,347	- 5.7	1.6	3.5
<b>MINING</b> .....	1,535	1,511	1,551	3.1	-16.8	36.2
<b>CONTRACT CONSTRUCTION</b> .....	6,326	6,640	6,627	-14.6	78.8	- 2.4
<b>MANUFACTURING</b> .....	36,774	36,785	36,795	-12.4	0.3	0.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,361	9,406	9,311	- 6.1	5.9	-11.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	29,639	29,562	29,812	- 2.1	- 3.0	10.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,912	7,860	7,874	- 0.9	- 7.6	2.2
<b>SERVICES</b> .....	24,317	24,253	24,377	2.7	- 3.1	6.3
<b>GOVERNMENT</b> .....	30,031	30,130	30,017	5.0	4.0	- 4.4

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

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

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

p=preliminary.

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

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

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

[1967 = 100]

Item	Annual average		Quarterly indexes										
			1972		1973				1974				1975
	1973	1974	III	IV	I	II	III	IV	I	II	III	IV	I
<b>Total private:</b>													
Output per man-hour	115.2	112.1	112.7	114.3	115.8	115.1	114.8	115.0	112.7	112.8	112.2	110.8	110.7R
Output	125.8	122.8	119.5	122.0	124.8	125.6	126.1	126.8	123.9	124.0	123.2	119.9	116.2R
Man-hours	109.3	109.5	106.0	106.7	107.8	109.1	109.9	110.3	109.9	109.9	109.8	108.2	104.9
Compensation per man-hour <sup>1</sup>	150.9	164.2	140.7	143.2	147.7	149.4	151.6	154.9	157.7	162.5	166.7	170.2	174.5R
Real compensation per man-hour <sup>2</sup>	113.4	111.2	111.9	112.8	114.6	113.6	112.9	112.5	111.4	111.7	111.1	110.3	110.7
Unit labor costs	131.1	146.5	124.9	125.4	127.6	129.8	132.1	134.7	139.9	144.1	148.5	153.6	157.6R
Unit nonlabor payments <sup>3</sup>	124.2	134.0	117.1	119.0	120.0	122.5	125.7	128.5	130.0	131.3	135.0	139.9	141.7
Implicit price deflator <sup>4</sup>	128.4	141.6	121.9	122.9	124.7	126.9	129.6	132.3	136.1	139.2	143.3	148.3	151.4R
<b>Private nonfarm:</b>													
Output per man-hour	113.7	110.6	111.9	113.1	114.1	113.7	113.6	113.4	111.6	111.0	110.3	109.4	108.9R
Output	126.3	123.1	120.1	122.4	125.1	126.0	126.8	127.2	124.4	124.1	123.4	120.4	116.2R
Man-hours	111.1	111.3	107.3	108.2	109.6	110.9	111.7	112.2	111.5	111.8	111.8	110.1	106.8
Compensation per man-hour <sup>1</sup>	148.8	162.1	139.4	141.7	145.4	147.3	149.7	152.8	156.1	160.4	164.2	167.9	171.7R
Real compensation per man-hour <sup>2</sup>	111.8	109.7	110.9	111.6	112.9	112.0	111.4	111.1	110.2	110.2	109.4	108.8	108.9R
Unit labor costs	130.9	146.6	124.5	125.2	127.4	129.6	131.8	134.7	139.9	144.4	148.8	153.5	157.7R
Unit nonlabor payments <sup>3</sup>	117.9	129.1	116.1	117.2	116.4	117.0	117.9	120.2	122.6	127.4	131.4	135.5	140.0R
Implicit price deflator <sup>4</sup>	126.0	140.0	121.3	122.2	123.3	124.9	126.5	129.2	133.3	138.0	142.2	146.7	151.0R
<b>Manufacturing:</b>													
Output per man-hour	128.3	129.3	122.9	124.5	127.1	128.2	129.2	128.6	128.2	129.8	129.4	129.1	126.5R
Output <sup>5</sup>	132.6	131.8	121.2	125.2	129.9	132.3	133.9	134.3	132.3	132.9	132.8	127.8	116.2R
Man-hours	103.4	101.9	98.6	100.6	102.2	103.2	103.6	104.4	103.2	102.4	102.6	99.0	91.9R
Compensation per man-hour <sup>1</sup>	147.3	161.2	138.0	140.4	143.4	145.9	148.1	151.6	154.0	159.4	163.3	168.7	174.3R
Real compensation per man-hour <sup>2</sup>	110.6	109.1	109.7	110.6	111.4	110.9	110.2	110.2	108.9	109.6	109.0	109.4	111.0
Unit labor costs	114.3	124.6	112.3	112.8	112.8	113.8	114.6	117.9	120.1	122.8	126.2	130.7	137.8R
<b>Nonfinancial corporations:</b>													
Output per man-hour	120.6	118.0	117.1	118.7	120.7	120.8	120.8	120.3	118.5	118.5	117.7	117.1	118.1P
Output	132.3	129.1	123.5	126.9	130.7	132.3	132.9	133.4	130.6	130.2	129.5	126.0	121.3P
Man-hours	109.7	109.4	105.5	107.0	108.3	109.5	110.0	110.9	110.2	109.9	110.0	107.6	102.7P
Compensation per man-hour <sup>1</sup>	150.1	163.3	140.3	142.4	146.5	148.7	151.1	154.1	157.1	161.5	165.3	169.5	174.4P
Real compensation per man-hour <sup>2</sup>	112.8	110.6	111.5	112.2	113.8	113.1	112.4	112.0	111.2	111.1	110.3	109.9	111.1P
Total unit costs <sup>6</sup>	125.2	139.0	121.6	121.6	122.5	124.1	125.9	128.5	133.0	136.7	140.9	145.5	150.1P
Unit labor costs	124.4	138.4	119.7	120.0	121.4	123.1	125.1	128.1	132.6	136.4	140.4	144.8	147.7P
Unit nonlabor costs <sup>7</sup>	127.7	140.9	127.3	126.8	125.7	127.1	128.3	129.9	134.2	137.9	142.4	147.9	157.5P
Unit profits <sup>8</sup>	90.8	89.2	86.6	91.1	91.9	91.3	90.2	89.7	86.8	90.9	90.6	88.8	86.4P
Implicit price deflator <sup>4</sup>	120.0	131.5	116.3	117.0	117.8	119.1	120.5	122.6	126.0	129.8	133.3	137.0	140.5P

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

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

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

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

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

<sup>6</sup>Total unit costs is the sum of unit labor costs and unit nonlabor costs.

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

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

p= preliminary.

r= revised.

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

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

Item	Quarterly percent change						Annual percent change					
	III to IV 1973	IV 1973 to I 1974	I 1974 to II 1974	II 1974 to III 1974	III 1974 to IV 1974	IV 1974 to I 1975	IV 1972 to IV 1973	I 1973 to I 1974	II 1973 to II 1974	III 1973 to III 1974	IV 1973 to IV 1974	I 1974 to I 1975
	Total private:											
Output per man-hour	0.8	-7.6	0.1	-1.9	-5.1	-0.2R	0.6	-2.6	-2.1	-2.2	-3.7	-1.8R
Output	2.3	-8.8	0.1	-2.4	-10.4	-11.8R	4.0	-0.7	-1.3	-2.3	-5.5	-6.3R
Man-hours	1.5	-1.3	0.0	-0.5	-5.6	-11.6R	3.4	1.9	0.8	-0.1	-1.9	-4.6
Compensation per man-hour <sup>2</sup>	8.9	7.6	12.7	10.7	8.6	10.4	8.1	6.8	8.8	10.0	9.9	10.6
Real compensation per man-hour <sup>3</sup>	-1.1	-4.1	1.2	-2.5	-2.8	1.4R	-0.2	-2.0	-1.7	-1.6	-2.0	-0.6
Unit labor costs	8.0	16.5	12.6	12.8	14.4	10.6R	7.4	9.6	11.1	12.4	14.1	12.6R
Unit nonlabor payments <sup>4</sup>	9.4	4.7	4.2	11.5	15.4	5.3R	2.0	8.3	7.2	7.4	8.9	9.0
Implicit price deflator <sup>5</sup>	8.5	11.9	9.5	12.3	14.8	2.6R	7.6	9.1	9.6	10.6	12.1	11.3P
Private nonfarm:												
Output per man-hour	-0.6	-6.3	-2.0	-2.5	-3.4	-1.9R	0.2	-2.2	-2.3	-2.9	-3.6	-2.4R
Output	1.1	-8.6	-0.8	-2.4	-9.3	-13.1R	3.9	-0.6	-1.5	-2.7	-5.3	-6.5R
Man-hours	1.7	-2.4	1.2	0.1	-6.1	-11.5R	3.6	1.7	0.8	0.1	-1.9R	-4.2
Compensation per man-hour <sup>2</sup>	8.7	8.8	11.4	9.8	9.4	9.3	7.9	7.3	8.3	9.7	9.9	10.0
Real compensation per man-hour <sup>3</sup>	-1.5	-3.0	0.0	-3.1	-2.1	0.4R	-0.5	-2.3	-1.6	-1.8	-2.0R	-1.2R
Unit labor costs	9.3	16.2	13.7	12.6	13.3	11.4R	7.6	9.8	11.4	12.9	13.9	12.7R
Unit nonlabor payments <sup>4</sup>	7.9	8.1	16.6	13.1	13.1	13.9	2.6	5.3	8.9	11.4	12.7	14.2
Implicit price deflator <sup>5</sup>	8.8	13.3	14.7	12.8	13.2	12.3R	5.8	8.2	10.5	12.4	13.5	13.2R
Manufacturing:												
Output per man-hour	-2.0	-1.3	5.3	-1.2	-1.0	-2.0R	3.3	0.8	1.3	0.2	0.4	-1.3R
Output <sup>6</sup>	1.2	-5.8	1.8	-0.3	-14.2	-31.7R	7.3	1.8	0.5	-0.8	-4.8	-12.2R
Man-hours	3.3	-4.6	-3.3	0.9	-13.4	-25.7R	3.8	1.0	-0.8	-1.0	-5.2	-11.0R
Compensation per man-hour <sup>2</sup>	9.6	6.5	14.9	10.2	13.9	13.7R	8.0	7.4	9.3	10.3	11.3	13.2R
Real compensation per man-hour <sup>3</sup>	-0.2	-4.5	2.7	-2.4	1.7	5.8R	-0.4	-2.3	-1.1	-1.1	-0.7	1.9
Unit labor costs	11.9	7.9	9.1	11.5	15.0	23.6R	4.5	6.5	7.9	10.1	10.9	14.7R
Nonfinancial corporations:												
Output per man-hour	-1.5	-5.9	-0.2	-2.6	-2.1	3.4P	1.4	-1.8	-1.9	-2.6	-2.7	-0.4P
Output	1.5	-2.1	-1.4	-2.1	-10.2	-14.3P	5.1	-0.1	-1.6	-2.6	-5.5	-7.2P
Man-hours	3.1	-2.4	-1.2	0.5	-2.3	-17.1P	3.7	1.7	0.3	0.0	-2.9	-6.8P
Compensation per man-hour <sup>2</sup>	8.2	8.1	11.7	9.7	10.5	12.1P	8.2	7.3	8.7	9.4	10.0	11.0P
Real compensation per man-hour <sup>3</sup>	-1.4	-3.0	-0.2	-2.9	-1.3	4.2P	-0.2	-2.3	-1.8	-1.9	-1.8	-0.1P
Total unit costs <sup>7</sup>	8.7	14.6	11.8	12.9	13.7	13.3P	5.6	8.6	10.2	12.0	13.2	12.9P
Unit labor costs	9.9	14.9	11.9	12.5	12.9	8.5P	6.7	9.2	10.8	12.3	13.0	11.4P
Unit nonlabor costs <sup>8</sup>	5.2	13.9	11.4	13.9	16.1	26.6P	2.5	6.8	8.5	11.0	13.8	11.3P
Unit profits <sup>9</sup>	-2.5	-12.3	20.2	-1.0	-7.7	-10.6P	-1.6	-5.6	-0.5	0.4	-0.9	-0.5P
Implicit price deflator <sup>5</sup>	7.4	11.4	12.6	11.3	11.3	10.7P	4.8	6.9	9.0	10.7	11.7	11.5P

<sup>1</sup> Computed from seasonally adjusted original data, not from indexes.<sup>2</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.<sup>3</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.<sup>4</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.<sup>5</sup> Current dollar gross product divided by constant dollar gross product.<sup>6</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.<sup>7</sup> Total unit costs is the sum of unit labor costs and unit nonlabor costs.<sup>8</sup> Includes depreciation, interest, and indirect taxes.<sup>9</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

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

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

[1967 = 100]

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964 .....	88.3	95.1	88.2	95.0	86.6	93.2	90.2	97.0
1965 .....	91.6	97.0	91.8	97.2	90.0	95.3	92.5	97.9
1966 .....	95.4	98.1	96.2	99.0	94.6	97.3	95.6	98.4
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	106.3	102.0	105.6	101.4	107.2	102.9	106.1	101.8
1969 .....	113.3	103.2	113.7	103.5	116.5	106.1	112.4	102.4
1970 .....	120.8	103.9	120.3	103.4	127.2	109.4	119.4	102.7
1971 .....	129.4	106.7	127.2	104.9	138.0	113.8	127.3	105.0
1972 .....	137.8	110.0	137.2	109.5	146.2	116.7	135.4	108.1
1973 .....	146.6	110.1	147.5	110.8	154.5	116.1	143.6	107.9
1974 .....	158.3	107.2	162.8	110.3	163.3	110.6	156.0	105.6
1974: May .....	156.3	107.4	160.5	110.3	160.3	110.2	153.7	105.6
June .....	157.9	107.5	162.1	110.3	161.6	110.0	155.2	105.7
July .....	158.5	107.1	163.3	110.3	162.6	109.9	156.3	105.6
August .....	159.8	106.6	164.7	109.9	167.0	111.4	157.6	105.1
September .....	162.6	107.2	167.6	110.5	170.4	112.3	159.6	105.2
October .....	163.1	106.6	167.3	109.4	170.1	111.2	160.9	105.2
November .....	163.8	106.1	167.9	108.8	169.7	110.0	162.2	105.1
December .....	165.3	106.4	173.4	111.6	170.3	109.6	164.2	105.6
1975: January .....	166.3	106.5	176.0	112.7	169.8	108.8	165.3	105.9
February .....	167.4	106.5	177.7	113.1	167.8	106.8	166.2	105.7
March .....	168.5	106.8	178.1	112.9	171.3	108.6	167.6	106.2
April <sup>p</sup> .....	168.9	106.5	178.8	112.7	171.4	108.1	168.3	106.1
May <sup>p</sup> .....	170.0	(*)	180.4	(*)	173.8	(*)	169.2	(*)
Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964 .....	89.4	96.2	87.0	93.7	89.2	90.0	86.3	92.9
1965 .....	93.6	99.0	90.5	95.7	92.4	97.8	90.7	96.0
1966 .....	96.4	99.2	94.7	97.5	96.0	98.8	95.2	98.0
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	105.5	101.3	106.9	102.6	105.8	101.5	106.1	101.8
1969 .....	112.2	102.1	113.8	103.7	112.2	102.2	114.0	103.8
1970 .....	119.0	102.3	120.8	103.9	118.9	102.2	122.2	105.0
1971 .....	130.0	107.2	128.0	105.5	126.2	104.0	131.6	108.5
1972 .....	143.4	114.4	134.7	107.5	132.1	105.5	140.5	112.2
1973 .....	155.5	116.8	143.0	107.4	138.4	104.0	150.1	112.8
1974 .....	167.5	113.4	155.0	104.9	148.4	100.5	162.3	109.9
1974: May .....	163.6	112.4	153.6	105.6	145.8	100.2	161.4	110.9
June .....	165.0	112.3	155.2	105.7	148.4	101.0	163.1	111.0
July .....	166.6	112.5	155.8	105.3	148.0	100.0	162.5	109.8
August .....	167.1	111.5	156.7	104.5	149.0	99.4	162.7	108.5
September .....	171.4	113.0	159.2	104.9	152.5	100.5	166.0	109.4
October .....	172.6	112.8	159.6	104.3	152.2	99.5	165.6	108.2
November .....	172.4	111.8	160.0	103.7	152.9	99.1	166.6	108.0
December .....	173.6	111.7	160.7	103.4	155.2	99.9	168.3	108.3
1975: January .....	174.1	111.5	162.6	104.1	155.7	99.8	168.9	108.2
February .....	175.5	111.7	164.0	104.3	158.3	100.7	171.0	108.8
March .....	175.8	111.4	164.5	104.2	159.7	101.2	171.4	108.6
April <sup>p</sup> .....	176.3	111.2	165.1	104.1	158.9	100.2	171.5	108.1
May <sup>p</sup> .....	177.5	(*)	166.1	(*)	159.4	(*)	172.5	(*)

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

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

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

\*Not available.

p = preliminary.

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



**EMPLOYEE COMPENSATION  
SEASONALLY ADJUSTED**
**C-13. Four-quarter changes in compensation, seasonally adjusted**

Measure	Percent change over 4 quarter period <sup>1</sup> ending in—								
	1973				1974				1975
	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.
Average hourly compensation:									
All persons, total private economy	7.3	7.2	7.8	8.1	6.8	8.8	10.0	9.9	10.6
All employees, private nonfarm economy:									
Current dollars	6.8	7.1	7.5	7.9	7.3	8.7	9.4	9.8	10.0
1967 dollars	2.7	1.5	.6	-.4	-2.4	-1.7	-2.0	-2.1	-1.2
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.1	6.4	7.1	6.9	7.1	7.4	8.1	8.5	8.3
Mining	6.6	6.6	7.4	7.9	8.6	10.2	11.4	9.6	14.1
Contract construction	6.1	5.5	6.4	4.7	3.9	5.3	7.0	7.6	8.2
Manufacturing	7.0	6.7	7.1	6.8	6.0	7.1	9.2	10.1	10.7
Transportation and public utilities	8.8	8.4	8.8	7.7	7.6	6.9	7.0	8.0	8.1
Wholesale and retail trade	5.2	6.0	6.7	7.2	7.2	8.2	9.1	9.2	9.6
Finance, insurance, and real estate	4.5	3.8	4.7	4.8	4.9	6.1	7.1	8.1	9.0
Services	6.2	6.8	7.5	7.2	8.2	8.8	8.1	8.4	8.5
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.9	6.1	6.8	6.7	6.9	7.7	8.5	9.1	9.6
1967 dollars	1.8	.6	-.1	-1.6	-2.7	-2.6	-2.7	-2.7	-1.3
Mining	6.4	7.3	7.8	8.3	9.1	10.2	11.2	11.6	13.6
Contract construction	5.8	5.6	6.3	4.9	3.9	5.3	7.0	7.7	8.4
Manufacturing	5.6	5.7	6.3	6.6	6.8	8.1	9.4	10.3	11.0
Transportation and public utilities	8.8	8.4	8.7	7.7	7.7	7.0	6.9	7.9	7.9
Wholesale and retail trade	5.2	6.0	6.5	5.9	7.3	8.0	9.0	9.2	9.7
Finance, insurance, and real estate	4.5	4.2	5.0	5.3	5.7	6.5	7.8	8.7	9.8
Services	5.8	6.7	7.5	7.2	8.0	8.6	7.8	8.1	8.4
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	6.7	5.9	6.7	9.8	(*)	7.5	(*)	(*)	(*)
Average union scales, 7 building trades: <sup>4/</sup>									
Wages and selected benefits	6.9	5.9	6.1	5.5	5.5	8.1	8.5	9.4	9.7
Hourly wage rates	5.7	4.7	4.9	4.4	4.5	7.4	8.2	8.6	8.7
Wage rates, hired farm labor	7.2	8.5	8.4	9.8	12.4	11.9	12.1	9.9	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.0	6.5	6.8	6.2	6.1	6.0	7.0	7.0	6.3
1967 dollars	1.9	.9	(5)	-2.0	-3.4	-4.1	-4.0	-4.6	-4.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	.5	-.5	-1.5	-3.4	-4.1	r-4.8	-4.7	-5.3	-4.9

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

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

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

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

<sup>5</sup> Less than 0.05 percent.

\* Not available.

r = revised.

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

**C-14. Quarter-to-quarter changes in compensation, seasonally adjusted**

Measure	Percent change over previous quarter at annual rate								
	1973				1974				1975
	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.
Average hourly compensation:									
All persons, total private economy	13.2	4.6	6.0	8.9	7.6	12.7	10.7	8.6	10.4
All employees, private nonfarm economy:									
Current dollars	11.2	3.6	6.8	8.2	8.8	11.2	9.7	9.6	9.6
1967 dollars	4.7	-2.6	-2.0	-1.7	-3.1	-.1	-3.2	r-1.9	.6
Average hourly earnings, private nonfarm economy <sup>1</sup>	4.7	7.6	8.1	7.3	5.4	8.8	11.0	9.0	4.7
Mining	8.2	6.2	9.5	7.8	11.1	12.6	14.2	1.0	30.5
Contract construction	7.3	2.1	6.0	3.4	3.8	8.2	13.0	5.8	7.6
Manufacturing	7.7	5.8	7.1	6.7	4.6	10.2	15.7	10.2	6.9
Transportation and public utilities	6.2	8.2	8.6	7.8	5.8	5.4	8.8	12.0	6.1
Wholesale and retail trade	6.7	6.6	7.8	7.6	6.7	10.8	11.3	8.2	8.0
Finance, insurance, and real estate	4.3	3.5	6.2	5.3	4.8	8.2	10.3	8.9	8.7
Services	4.5	8.2	7.6	8.7	8.1	10.7	5.1	9.9	8.6
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.3	6.5	7.7	7.2	6.3	9.7	10.8	9.7	8.3
1967 dollars	-.8	r-1.9	r-1.2	r-2.5	-5.3	r-1.5	r-1.4	r-2.4	.3
Mining	6.5	8.1	9.2	7.3	11.8	12.7	13.0	8.9	20.3
Contract construction	6.9	3.2	6.0	3.5	3.1	8.7	13.1	6.2	5.6
Manufacturing	5.6	5.7	7.2	7.8	6.6	10.9	12.3	11.7	9.0
Transportation and public utilities	6.0	7.4	9.1	7.4	6.3	5.4	8.8	11.2	6.1
Wholesale and retail trade	5.4	7.4	7.2	7.4	7.0	10.3	11.5	8.1	8.8
Finance, insurance, and real estate	4.1	5.0	6.1	6.1	5.5	8.5	11.4	9.7	9.4
Services	4.8	8.4	8.0	7.5	8.2	10.7	4.8	8.8	9.4
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	3.5	.4	2.0	5.1	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: <sup>3/</sup>									
Wages and selected benefits	1.7	9.0	8.6	2.8	1.5	20.2	10.5	6.1	2.8
Hourly wage rates	.8	7.4	7.0	2.7	1.2	19.7	9.9	4.4	1.6
Wage rates, hired farm labor	2.1	15.2	10.3	12.2	11.8	13.5	11.1	3.5	(*)
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	3.6	8.3	7.4	5.7	3.1	8.0	11.4	5.5	.5
1967 dollars	-2.4	r-2	-1.4	r-3.7	-8.1	r-3.0	r-.9	r-6.1	-7.0
Real spendable earnings (worker and 3 dependents, 1967 dollars)	r-5.6	r-1.2	r-2.3	r-4.4	r-8.5	r-3.9	r-2.1	r-6.7	-7.0

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

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

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

\* Not available.

r = revised.

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

**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**

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

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in—												
	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	7.8	7.9	7.6	8.1	8.5	8.8	8.2	8.7	8.4	8.3	8.3	8.3	7.2
Mining	10.3	10.6	10.5	12.0	11.7	12.3	7.0	9.6	13.6	14.2	14.5	12.2	12.6
Contract construction	5.1	6.0	6.0	7.7	7.4	7.0	7.6	8.3	8.5	6.9	9.3	8.2	8.3
Manufacturing	7.4	8.1	8.6	9.3	9.7	10.1	9.8	10.3	10.3	10.7	11.1	10.8	9.2
Transportation and public utilities	6.8	7.2	7.6	5.9	7.4	7.9	7.9	8.1	7.9	8.0	8.3	8.1	8.7
Wholesale and retail trade	8.9	8.8	8.7	9.3	9.1	9.2	9.1	9.4	9.3	9.9	9.5	9.2	7.8
Finance, insurance, and real estate	5.9	7.9	6.1	7.3	8.0	8.3	8.0	7.9	7.6	9.2	10.3	9.4	8.8
Services	9.1	9.0	7.8	8.7	8.0	8.2	8.4	8.7	8.3	8.8	8.5	7.9	7.0
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	7.8	8.4	8.1	8.5	8.8	9.0	9.0	9.3	9.4	9.6	9.9	9.4	8.8
1967 dollars	-2.6	-2.3	-3.1	-2.2	-2.8	-2.6	-2.7	-2.6	-2.1	-1.4	-.3	-.8	(*)
Mining	10.4	10.7	10.4	11.6	11.5	11.8	10.3	12.6	13.4	14.0	13.5	12.3	12.3
Contract construction	5.2	5.8	5.9	7.7	7.5	7.2	7.5	8.4	9.1	6.9	9.1	8.3	8.4
Manufacturing	8.1	8.9	9.0	9.3	9.8	10.1	10.4	10.5	10.7	10.9	11.3	10.8	10.1
Transportation and public utilities	7.1	7.3	7.6	6.0	7.3	8.0	7.7	7.9	7.6	7.8	8.1	8.0	8.5
Wholesale and retail trade	8.3	8.8	8.8	9.1	9.2	9.4	9.1	9.4	9.4	10.0	9.6	9.3	8.2
Finance, insurance, and real estate	6.3	8.1	6.8	7.9	8.8	9.1	8.5	8.6	8.5	9.9	10.9	9.8	9.4
Services	9.0	9.0	7.5	8.2	7.7	7.9	8.1	8.2	8.1	8.6	8.5	7.7	6.9
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	7.0	8.7	(*)	(*)	5.7	5.1	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	6.6	6.8	6.5	7.2	7.4	7.9	6.1	6.9	6.9	6.0	5.9	6.8	5.1
1967 dollars	-3.7	-3.8	-4.6	-3.3	-4.1	-3.7	-5.3	-4.7	-4.3	-4.6	-3.9	-3.1	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-4.4	-4.5	-5.2	-4.1	-4.8	-4.5	-6.0	-5.5	-5.0	-5.2	-4.6	-3.8	(*)

1 Current month divided by same month a year earlier.

2 Production and nonsupervisory workers.

3 Computed from data that are not seasonally adjusted.

\* Not available.

P = preliminary.

Revised.

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

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

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in—												
	1974								1975				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	7.1	8.6	9.1	9.5	11.0	12.0	9.3	8.7	7.7	7.1	5.6	4.7	5.1
Mining	11.9	12.2	13.4	13.2	13.6	13.0	2.3	7.0	13.2	15.2	15.5	11.4	24.0
Contract construction	5.0	8.2	8.5	11.7	11.6	9.3	10.2	8.5	8.5	2.3	7.0	7.1	6.4
Manufacturing	7.8	9.3	11.3	12.7	14.1	15.6	11.9	11.3	8.8	8.7	8.1	6.2	6.7
Transportation and public utilities	5.5	6.6	6.6	5.8	8.9	11.3	10.4	9.5	9.1	10.2	7.8	5.1	6.9
Wholesale and retail trade	9.3	10.6	10.5	11.1	11.6	12.2	8.9	8.2	8.2	8.7	7.5	6.3	6.8
Finance, insurance, and real estate	5.6	8.3	6.6	8.9	12.2	11.1	10.4	7.4	8.6	9.6	8.3	7.8	7.3
Services	9.2	10.3	7.9	7.3	8.4	7.8	7.7	7.0	8.7	10.4	8.6	8.0	6.3
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	7.8	9.6	9.5	10.2	11.1	11.7	10.3	8.9	9.3	8.9	8.7	7.1	7.3
1967 dollars	-3.5	-2.4	-2.0	-1.4	-.9	-.9	-1.9	-2.9	-2.1	-1.3	.3	-.7	(*)
Mining	12.1	12.7	12.7	12.7	13.0	11.7	3.5	12.6	14.1	15.3	14.0	12.8	16.4
Contract construction	5.1	7.8	9.3	11.5	11.4	9.7	10.1	9.0	8.4	2.4	7.0	6.9	6.8
Manufacturing	8.8	10.5	10.9	11.6	12.3	13.4	12.0	10.5	10.5	10.2	10.2	8.2	8.2
Transportation and public utilities	5.2	7.0	6.9	5.7	8.7	11.0	10.2	8.8	8.4	9.9	7.5	5.0	6.8
Wholesale and retail trade	8.9	10.5	10.1	11.1	11.5	12.4	9.3	7.8	8.8	8.9	7.7	6.3	7.0
Finance, insurance, and real estate	6.0	8.7	7.4	9.5	12.9	12.1	11.1	8.5	9.5	10.2	8.9	7.5	7.6
Services	9.8	10.5	9.3	7.6	7.7	7.8	6.5	6.0	8.5	9.5	9.2	7.7	7.2
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	2.6	1.6	(*)	(*)	5.2	1.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	5.9	6.8	9.1	8.9	11.0	12.0	6.4	7.0	4.8	3.1	1.1	1.8	4.0
1967 dollars	-5.2	-4.9	-2.4	-2.5	-1.0	-.6	-5.4	-4.6	-6.2	-6.6	-6.8	-5.6	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-5.9	-5.6	-3.4	-3.5	-2.1	-1.9	-6.1	-5.3	-6.7	-6.9	-6.9	-5.8	(*)

1 Current month divided by month 6 months earlier.

2 Production and nonsupervisory workers.

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

\* Not available.

P = preliminary.

Revised.

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

**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**

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

Measure	1974									1975				
	2d quarter		3d quarter			4th quarter				1st quarter			2d quarter	
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>p</sup>	May <sup>p</sup>	
<b>LEVELS</b>														
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$4.17	\$4.21	\$4.23	\$4.27	\$4.32	\$4.35	\$4.36	\$4.39	\$4.39	\$4.42	\$4.44	\$4.45	\$4.47	
Mining	5.14	5.20	5.26	5.32	5.36	5.40	5.20	5.38	5.61	5.71	5.76	5.70	5.79	
Contract construction	6.62	6.74	6.75	6.89	6.94	6.90	6.95	7.02	7.03	6.97	7.18	7.14	7.17	
Manufacturing	4.33	4.38	4.43	4.48	4.53	4.57	4.58	4.62	4.62	4.67	4.71	4.71	4.73	
Transportation and public utilities	5.31	5.37	5.39	5.41	5.51	5.58	5.58	5.62	5.63	5.68	5.72	5.72	5.77	
Wholesale and retail trade	3.44	3.47	3.49	3.52	3.55	3.57	3.59	3.61	3.63	3.67	3.68	3.68	3.71	
Finance, insurance, and real estate	3.74	3.83	3.80	3.84	3.92	3.91	3.93	3.97	3.96	4.02	4.08	4.06	4.07	
Services	3.72	3.76	3.74	3.76	3.80	3.82	3.86	3.89	3.90	3.95	3.96	3.97	3.98	
Wage rates, hired farm labor (quarterly data)	-	-	2.25	-	-	2.31	-	-	2.33	-	-	(*)	-	
<b>Average weekly earnings, private nonfarm economy:<sup>1</sup></b>														
Current dollars	153.04	154.51	155.24	156.71	158.54	159.21	157.83	159.80	158.92	159.12	159.40	160.65	160.92	
1967 dollars	r105.20	r105.24	r104.86	104.65	r104.65	r104.16	r102.31	r102.78	r101.56	r101.13	101.03	101.22	(*)	
Real spendable earnings (worker and 3 dependents, 1967 dollars)	r91.62	r91.55	r91.18	90.90	r90.78	r90.31	r88.79	r89.08	r88.08	r87.69	87.59	87.67	(*)	
<b>INDEXES, 1967=100</b>														
<b>Average hourly compensation (quarterly data):</b>														
All persons, total private economy	162.5	-	-	166.7	-	-	170.2	-	-	r174.5	-	-	(*)	
All employees, private nonfarm economy:														
Current dollars	160.2	-	-	163.9	-	-	167.7	-	-	r171.6	-	-	(*)	
1967 dollars	110.1	-	-	109.2	-	-	r108.7	-	-	r108.8	-	-	(*)	
<b>Average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:</b>														
Total, current dollars	156.1	158.2	158.7	160.2	162.2	163.3	164.1	165.3	166.0	167.2	168.8	168.8	169.8	
1967 dollars	107.3	107.8	r107.2	107.0	r106.9	r106.7	r106.3	r106.2	106.1	106.3	107.0	106.3	(*)	
Mining	160.5	162.6	163.8	165.7	167.3	167.8	167.2	172.5	174.9	177.9	178.6	178.2	180.4	
Contract construction	160.4	162.9	163.4	166.8	167.8	167.2	168.3	170.1	170.2	168.9	173.6	173.0	174.0	
Manufacturing	153.5	155.5	156.6	158.0	159.6	161.5	162.5	163.5	164.6	165.9	167.6	168.0	169.0	
Transportation and public utilities	164.1	166.0	166.9	167.1	170.2	172.2	172.3	173.2	173.8	175.2	176.5	176.5	178.1	
Wholesale and retail trade	153.3	155.1	155.8	157.2	158.7	159.7	160.3	161.0	162.6	164.0	164.6	164.6	165.8	
Finance, insurance, and real estate	145.5	148.8	148.0	149.8	152.9	152.8	153.4	155.1	155.0	157.2	159.6	158.4	159.1	
Services	161.6	163.5	162.3	163.4	164.4	165.4	166.8	168.3	169.1	171.0	171.8	171.7	172.7	
<b>Average hourly earnings, all Federal executive branch employees<sup>2</sup></b>														
	170.0	172.2	(*)	(*)	171.9	172.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
<b>Average union scales, 7 building trades (quarterly data).<sup>2</sup></b>														
Wages and selected benefits	-	-	182.3	-	-	186.9	-	-	189.7	-	-	191.0	-	
Hourly wage rates	-	-	171.0	-	-	175.1	-	-	177.0	-	-	177.7	-	

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

\* Not available.

<sup>2</sup> Not seasonally adjusted.

p = preliminary.

r = revised.

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

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

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

**C-18. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>
<b>ALABAMA</b>	\$147.90	\$153.92	\$156.15	40.3	38.1	37.9	\$3.67	\$4.04	\$4.12
Birmingham	179.08	197.60	194.80	40.7	40.0	40.0	4.40	4.94	4.87
Mobile	172.37	194.65	190.21	39.9	40.3	39.3	4.32	4.83	4.84
<b>ALASKA</b>	254.67	288.75	(*)	39.0	37.5	(*)	6.53	7.70	(*)
<b>ARIZONA</b>	163.20	182.02	182.78	38.4	38.4	38.4	4.25	4.74	4.76
Phoenix	163.40	185.37	187.11	38.0	38.7	38.9	4.30	4.79	4.81
Tucson	171.88	186.72	190.71	38.8	38.5	39.0	4.43	4.85	4.89
<b>ARKANSAS</b>	122.82	131.36	134.11	38.5	36.9	38.1	3.19	3.56	3.52
Fayetteville-Springdale	110.48	124.59	123.59	37.2	38.1	38.5	2.97	3.27	3.21
Fort Smith	118.82	136.89	132.79	37.6	37.3	37.3	3.16	3.67	3.56
Little Rock-North Little Rock	136.96	149.45	153.14	38.8	36.9	38.0	3.53	4.05	4.03
Pine Bluff	156.49	161.82	160.72	41.4	38.9	39.2	3.78	4.16	4.10
<b>CALIFORNIA</b>	178.55	199.64	199.41	38.9	39.3	39.1	4.59	5.08	5.10
Anaheim-Santa Ana-Garden Grove	168.60	187.86	186.99	39.3	39.8	39.7	4.29	4.72	4.71
Bakersfield	183.28	210.89	201.61	39.5	40.4	39.3	4.64	5.22	5.13
Fresno	158.73	176.17	172.75	39.0	39.5	37.8	4.07	4.46	4.57
Los Angeles-Long Beach	168.58	189.91	190.39	38.4	39.4	39.5	4.39	4.82	4.82
Modesto	160.11	186.58	176.36	35.9	38.0	35.7	4.46	4.91	4.94
Oxnard-Simi Valley-Ventura	161.58	172.10	176.67	39.7	38.5	39.0	4.07	4.47	4.53
Riverside-San Bernardino-Ontario	194.34	206.28	202.15	41.0	39.9	39.1	4.74	5.17	5.17
Sacramento	184.00	216.61	212.91	36.8	39.1	38.5	5.00	5.54	5.53
Salinas-Seaside-Monterey	155.67	176.53	178.56	35.3	36.7	37.2	4.41	4.81	4.80
San Diego	182.99	187.83	188.12	39.1	38.1	37.4	4.68	4.93	5.03
San Francisco-Oakland	208.74	233.14	232.10	38.3	38.6	38.3	5.45	6.04	6.06
San Jose	188.65	207.97	213.40	39.8	38.8	39.3	4.74	5.36	5.43
Santa Barbara-Santa Maria-Lompoc	158.08	174.32	172.03	38.0	39.8	38.4	4.16	4.38	4.48
Santa Rosa	172.14	178.08	177.25	38.0	37.1	36.1	4.53	4.80	4.91
Stockton	188.27	212.08	207.26	38.5	38.7	38.1	4.89	5.48	5.44
Vallejo-Fairfield-Napa	176.89	210.74	219.69	36.7	37.7	39.3	4.82	5.59	5.59
<b>COLORADO</b>	177.30	188.82	194.44	39.4	38.3	39.6	4.50	4.93	4.91
Denver-Boulder	180.18	188.82	192.17	39.6	38.3	38.9	4.55	4.93	4.94
<b>CONNECTICUT</b>	172.48	187.13	188.80	40.3	39.9	40.0	4.28	4.69	4.72
Bridgeport	175.44	181.25	180.35	40.8	40.1	39.9	4.30	4.52	4.52
Hartford	184.16	209.48	209.99	41.2	41.4	41.5	4.47	5.06	5.06
New Britain	175.20	182.28	185.66	40.0	39.8	40.1	4.38	4.58	4.63
New Haven	165.45	177.63	181.57	39.3	38.7	39.3	4.21	4.59	4.62
Stamford	187.06	198.30	198.40	39.8	39.9	40.0	4.70	4.97	4.96
Waterbury	157.57	159.98	162.39	40.3	39.5	39.9	3.91	4.05	4.07
<b>DELAWARE</b>	176.15	190.12	193.26	38.8	38.8	39.2	4.54	4.90	4.93
Wilmington	197.18	209.60	208.51	39.2	38.6	38.4	5.03	5.43	5.43
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA	192.28	214.27	(*)	38.0	38.4	(*)	5.06	5.58	(*)
<b>FLORIDA</b>	144.57	156.02	(*)	39.5	39.6	(*)	3.66	3.94	(*)
Fort Lauderdale-Hollywood	142.42	157.54	(*)	38.7	38.9	(*)	3.68	4.05	(*)
Jacksonville	184.86	185.44	(*)	43.6	40.4	(*)	4.24	4.59	(*)
Miami	126.37	139.41	(*)	35.9	38.3	(*)	3.52	3.64	(*)
Orlando	143.17	158.00	(*)	38.8	39.6	(*)	3.69	3.99	(*)
Pensacola	191.58	181.89	(*)	46.5	39.8	(*)	4.12	4.57	(*)
Tampa-St. Petersburg	159.20	171.65	(*)	40.1	40.2	(*)	3.97	4.27	(*)
West Palm Beach-Boca Raton	182.32	187.47	(*)	42.5	42.9	(*)	4.29	4.37	(*)
<b>GEORGIA</b>	133.51	142.13	144.77	39.5	37.7	38.4	3.38	3.77	3.77
Atlanta	150.22	167.63	170.10	37.0	37.5	37.8	4.06	4.47	4.50
Savannah	171.94	163.50	182.28	43.2	37.5	42.0	3.98	4.36	4.34

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGSC-18. Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>
<b>HAWAII</b>	\$157.32	\$181.35	\$185.72	36.0	39.0	39.6	\$4.37	\$4.65	\$4.69
Honolulu	164.90	173.88	178.26	38.8	37.8	38.5	4.25	4.60	4.63
<b>IDAHO</b>	161.95	165.17	169.94	39.5	37.2	38.8	4.10	4.44	4.38
<b>ILLINOIS</b>	187.37	208.15	(*)	39.6	39.3	(*)	4.73	5.29	(*)
Chicago SMSA	186.36	(*)	(*)	39.4	(*)	(*)	4.72	(*)	(*)
Davenport—Rock Island—Moline	224.12	(*)	(*)	39.8	(*)	(*)	5.63	(*)	(*)
Decatur	196.94	(*)	(*)	39.4	(*)	(*)	5.00	(*)	(*)
Peoria	236.01	(*)	(*)	40.9	(*)	(*)	5.77	(*)	(*)
Rockford	188.64	(*)	(*)	40.8	(*)	(*)	4.62	(*)	(*)
Springfield	202.14	(*)	(*)	39.7	(*)	(*)	5.09	(*)	(*)
<b>INDIANA</b>	191.75	207.67	211.14	39.7	38.6	39.1	4.83	5.38	5.40
Indianapolis	190.56	(*)	(*)	39.7	(*)	(*)	4.80	(*)	(*)
<b>IOWA</b>	188.25	210.28	211.74	39.8	39.6	39.8	4.73	5.31	5.32
Cedar Rapids	197.35	215.66	219.30	41.2	41.0	41.3	4.79	5.26	5.31
Des Moines	192.28	210.90	215.17	38.0	38.0	38.7	5.06	5.55	5.56
Dubuque	217.87	244.22	240.71	38.5	38.4	38.7	5.66	6.36	6.22
Sioux City	150.92	186.51	186.53	38.5	39.1	38.7	3.92	4.77	4.82
Waterloo—Cedar Falls	224.36	263.41	262.44	39.5	40.4	40.5	5.68	6.52	6.48
<b>KANSAS</b>	167.07	180.22	182.68	40.6	40.1	40.4	4.12	4.50	4.52
Topeka	183.24	175.71	189.33	41.1	37.5	40.1	4.45	4.69	4.72
Wichita	182.04	203.38	207.64	41.6	41.3	41.9	4.37	4.92	4.96
<b>KENTUCKY</b>	164.44	173.74	174.57	38.6	38.1	38.2	4.26	4.56	4.57
Louisville	194.04	206.21	209.52	39.6	38.4	38.8	4.90	5.37	5.40
<b>LOUISIANA</b>	167.70	184.86	183.55	39.0	39.0	38.4	4.30	4.74	4.78
Baton Rouge	227.16	247.28	239.76	42.7	41.7	40.5	5.32	5.93	5.92
New Orleans	167.14	188.55	187.05	38.6	40.9	40.4	4.33	4.61	4.63
Shreveport	157.14	167.48	170.28	40.5	39.5	39.6	3.88	4.24	4.30
<b>MAINE</b>	136.62	144.28	144.28	40.3	39.1	39.1	3.39	3.69	3.69
Lewiston—Auburn	114.00	116.71	123.06	37.5	35.8	38.1	3.04	3.26	3.23
Portland	147.50	150.53	152.10	41.2	39.2	39.2	3.58	3.84	3.88
<b>MARYLAND</b>	179.50	188.93	191.67	39.8	38.4	38.8	4.51	4.92	4.94
Baltimore	186.47	199.04	199.56	40.1	38.8	38.9	4.65	5.13	5.13
<b>MASSACHUSETTS</b>	160.77	170.72	169.84	39.5	38.8	38.6	4.07	4.40	4.40
Boston	170.50	188.25	188.37	38.4	39.3	39.0	4.44	4.79	4.83
Brockton	133.52	142.88	142.88	38.7	37.8	37.7	3.45	3.78	3.79
Fall River	116.41	122.15	124.25	35.6	34.9	35.4	3.27	3.50	3.51
Lawrence—Haverhill	155.60	164.74	163.83	38.9	38.4	38.1	4.00	4.29	4.30
Lowell	145.16	152.71	158.12	37.9	37.8	38.1	3.83	4.04	4.15
New Bedford	132.94	140.50	142.37	38.2	36.4	36.6	3.48	3.86	3.89
Springfield—Chicopee—Holyoke	161.16	169.30	170.13	39.5	39.1	39.2	4.08	4.33	4.34
Worcester	165.00	177.56	176.33	39.1	38.6	38.5	4.22	4.60	4.58
<b>MICHIGAN</b>	202.24	233.05	237.41	38.0	39.4	39.8	5.32	5.92	5.97
Ann Arbor	222.23	243.74	247.24	40.2	39.8	40.0	5.53	6.12	6.18
Battle Creek	216.60	247.62	257.38	40.6	40.8	41.3	5.34	6.07	6.23
Bay City	199.55	259.69	264.95	40.2	45.4	45.6	4.96	5.72	5.81
Detroit	225.06	248.61	249.60	39.1	39.5	39.5	5.76	6.29	6.31
Flint	202.33	259.98	267.76	34.0	39.1	40.0	5.95	6.65	6.69
Grand Rapids	180.63	196.36	200.11	39.5	38.7	39.1	4.57	5.07	5.12
Jackson	186.88	224.92	229.88	38.1	40.6	41.3	4.91	5.54	5.57
Kalamazoo—Portage	189.83	209.77	217.02	39.4	39.4	40.1	4.82	5.32	5.41
Lansing—East Lansing	207.51	235.92	241.06	35.6	39.3	39.7	5.83	6.00	6.07
Muskegon—Muskegon Heights	195.85	211.86	215.62	40.6	40.5	40.5	4.82	5.23	5.32
Saginaw	202.41	259.07	269.58	33.6	39.2	40.2	6.02	6.61	6.71

See footnotes at end of table.

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

**C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>
<b>MINNESOTA</b> .....	\$177.70	\$196.61	\$196.61	38.8	39.4	39.4	\$4.58	\$4.99	\$4.99
Duluth-Superior .....	180.09	201.34	166.62	41.4	41.6	35.3	4.35	4.84	4.72
Minneapolis-St. Paul .....	186.03	211.07	211.07	39.0	39.9	39.9	4.77	5.29	5.29
<b>MISSISSIPPI</b> .....	119.58	131.60	134.43	38.7	37.6	38.3	3.09	3.50	3.51
Jackson .....	125.06	137.67	146.21	39.7	39.0	40.5	3.15	3.53	3.61
<b>MISSOURI</b> .....	163.31	174.75	176.32	38.7	37.5	38.0	4.22	4.66	4.64
Kansas City .....	184.24	202.80	200.98	39.2	39.0	38.8	4.70	5.20	5.18
St. Joseph .....	155.61	180.85	174.54	39.9	39.4	38.7	3.90	4.59	4.51
St. Louis .....	190.03	203.52	210.67	39.1	38.4	39.6	4.86	5.30	5.32
Springfield .....	132.49	151.90	155.04	36.6	37.6	38.0	3.62	4.04	4.08
<b>MONTANA</b> .....	181.44	189.38	184.97	37.8	35.8	34.9	4.80	5.29	5.30
<b>NEBRASKA</b> <sup>1</sup> .....	157.55	178.38	179.00	40.1	40.2	40.4	3.93	4.44	4.43
Lincoln <sup>1</sup> .....	149.37	159.72	159.08	38.6	37.9	37.9	3.87	4.22	4.20
Omaha <sup>1</sup> .....	168.42	195.48	194.92	39.3	40.6	40.4	4.28	4.81	4.82
<b>NEVADA</b> .....	185.28	206.98	207.97	38.6	38.4	38.8	4.80	5.39	5.36
Las Vegas .....	214.34	244.61	(*)	39.4	39.2	(*)	5.44	6.24	(*)
<b>NEW HAMPSHIRE</b> <sup>1</sup> .....	138.57	149.38	153.26	38.6	38.6	39.5	3.59	3.87	3.88
Manchester <sup>1</sup> .....	125.16	135.04	137.94	37.7	37.1	38.0	3.32	3.64	3.63
<b>NEW JERSEY</b> .....	176.31	193.60	193.60	39.8	40.0	40.0	4.43	4.84	4.84
Atlantic City .....	145.47	148.26	154.14	39.0	35.3	36.7	3.73	4.20	4.20
Camden <sup>2</sup> .....	173.20	179.14	178.16	40.0	39.2	38.9	4.33	4.57	4.58
Hackensack <sup>3</sup> .....	172.48	185.02	185.02	39.2	39.2	39.2	4.40	4.72	4.72
Jersey City <sup>3</sup> .....	181.20	187.54	185.81	40.0	39.4	39.2	4.53	4.76	4.74
Newark <sup>3</sup> .....	180.05	201.72	201.23	40.1	41.0	40.9	4.49	4.92	4.92
New Brunswick-Perth Amboy-Sayreville <sup>3</sup> .....	191.83	207.08	210.12	40.3	39.9	40.1	4.76	5.19	5.24
Paterson-Clifton-Passaic <sup>3</sup> .....	165.82	186.00	186.47	39.2	40.0	40.1	4.23	4.65	4.65
Trenton .....	184.29	208.96	205.58	41.6	42.3	41.7	4.43	4.94	4.93
<b>NEW MEXICO</b> .....	122.68	135.14	138.84	38.1	38.5	39.0	3.22	3.51	3.56
Albuquerque .....	125.78	145.84	143.23	38.7	39.1	38.4	3.25	3.73	3.73
<b>NEW YORK</b> .....	170.23	186.53	(*)	38.6	38.7	(*)	4.41	4.82	(*)
Albany-Schenectady-Troy .....	181.20	194.13	191.88	40.0	39.7	39.4	4.53	4.89	4.87
Binghamton .....	159.71	182.00	176.54	38.3	40.0	38.8	4.17	4.55	4.55
Buffalo .....	210.89	227.66	226.34	40.4	39.8	39.5	5.22	5.72	5.73
Elmira .....	166.78	184.63	181.83	39.9	40.4	39.7	4.18	4.57	4.58
Monroe County <sup>4</sup> .....	211.86	229.77	231.38	40.9	40.1	40.1	5.18	5.73	5.77
Nassau-Suffolk <sup>5</sup> .....	165.36	184.39	184.63	39.0	39.4	39.2	4.24	4.68	4.71
New York-Northeastern New Jersey .....	162.78	183.83	(*)	39.8	38.7	(*)	4.09	4.75	(*)
New York and Nassau-Suffolk <sup>3</sup> .....	157.73	175.22	(*)	37.2	37.6	(*)	4.24	4.66	(*)
New York SMSA <sup>5</sup> .....	156.46	173.35	(*)	36.9	37.2	(*)	4.24	4.66	(*)
New York City <sup>6</sup> .....	155.61	172.42	(*)	36.7	37.0	(*)	4.24	4.66	(*)
Poughkeepsie .....	178.82	188.46	190.42	39.3	39.1	39.1	4.55	4.82	4.87
Rochester .....	201.78	221.20	223.36	40.6	40.0	40.1	4.97	5.53	5.57
Rockland County <sup>6</sup> .....	168.09	183.96	186.30	40.7	40.7	41.4	4.13	4.52	4.50
Syracuse .....	194.99	198.50	201.80	41.4	40.1	40.2	4.71	4.95	5.02
Utica-Rome .....	152.88	171.14	168.09	39.1	39.8	39.0	3.91	4.30	4.31
Westchester County <sup>6</sup> .....	165.17	179.41	180.81	38.5	38.5	38.8	4.29	4.66	4.66
<b>NORTH CAROLINA</b> .....	122.61	125.94	129.06	38.8	36.4	37.3	3.16	3.46	3.46
Asheville <sup>1</sup> .....	117.04	121.30	123.01	38.0	36.1	36.5	3.08	3.36	3.37
Charlotte-Gastonia <sup>1</sup> .....	123.32	124.49	127.57	39.4	36.4	37.3	3.13	3.42	3.42
Greensboro-Winston-Salem-High Point <sup>1</sup> .....	132.78	142.86	144.40	38.6	37.3	37.9	3.44	3.83	3.81
Raleigh-Durham <sup>1</sup> .....	136.96	147.36	143.15	38.8	37.4	36.8	3.53	3.94	3.89
<b>NORTH DAKOTA</b> .....	142.80	163.60	154.63	38.7	40.0	37.9	3.69	4.09	4.08
Fargo-Moorhead .....	159.19	177.28	178.89	40.3	40.2	40.2	3.95	4.41	4.45

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGSC-18. Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>P</sup>
<b>OHIO</b> .....	\$198.28	\$211.83	\$214.63	40.3	39.3	39.6	\$4.92	\$5.39	\$5.42
Akron .....	204.40	222.40	221.36	40.0	40.0	39.6	5.11	5.56	5.59
Canton .....	203.21	220.34	215.17	40.4	39.7	38.7	5.03	5.55	5.56
Cincinnati .....	188.26	200.19	203.11	40.4	39.8	40.3	4.66	5.03	5.04
Cleveland .....	204.72	216.61	220.25	40.7	39.6	39.9	5.03	5.47	5.52
Columbus .....	179.47	193.27	199.25	39.1	38.5	39.3	4.59	5.02	5.07
Dayton .....	202.69	218.44	218.83	39.9	39.5	39.5	5.08	5.53	5.54
Toledo .....	206.44	223.18	229.37	39.7	39.5	40.1	5.20	5.65	5.72
Youngstown—Warren .....	226.46	229.28	235.25	41.1	37.1	37.7	5.51	6.18	6.24
<b>OKLAHOMA</b> .....	155.17	170.71	171.11	40.2	39.7	39.7	3.86	4.30	4.31
Oklahoma City .....	159.60	172.33	170.21	40.1	39.8	39.4	3.92	4.33	4.32
Tulsa .....	169.24	189.34	187.86	40.2	40.2	39.8	4.21	4.71	4.72
<b>OREGON</b> .....	188.18	204.14	204.60	38.8	38.3	38.1	4.85	5.33	5.37
Eugene—Springfield .....	199.90	199.23	206.28	39.9	37.1	38.2	5.01	5.37	5.40
Jackson County .....	193.94	193.73	197.55	39.1	37.4	37.7	5.18	5.18	5.24
Portland .....	185.81	205.67	204.66	39.2	38.3	37.9	4.74	5.37	5.40
<b>PENNSYLVANIA</b> .....	171.05	187.78	186.42	38.7	38.4	38.2	4.42	4.89	4.88
Allentown—Bethlehem—Easton .....	173.31	186.58	185.22	38.6	38.0	37.8	4.49	4.91	4.90
Altoona .....	140.62	158.63	156.83	37.7	37.5	37.7	3.73	4.23	4.16
Delaware Valley <sup>7</sup> .....	177.01	194.27	192.27	39.6	38.7	38.3	4.47	5.02	5.02
Erie .....	174.68	201.06	200.82	39.7	40.7	40.9	4.40	4.94	4.91
Harrisburg .....	161.09	168.25	169.56	39.1	38.5	38.8	4.12	4.37	4.37
Johnstown .....	187.68	213.95	212.25	39.1	37.8	37.5	4.80	5.66	5.66
Lancaster .....	152.78	166.49	168.95	38.1	38.9	39.2	4.01	4.28	4.31
Northeast Pennsylvania .....	124.95	135.80	137.32	35.0	35.0	35.3	3.57	3.88	3.89
Philadelphia SMSA .....	176.62	191.57	190.85	39.6	38.7	38.4	4.46	4.95	4.97
Pittsburgh .....	215.69	230.58	228.85	41.8	40.1	39.8	5.16	5.75	5.75
Reading .....	153.09	168.00	167.32	37.8	37.5	37.6	4.05	4.48	4.45
Scranton <sup>8</sup> .....	121.30	130.99	132.06	33.6	34.2	34.3	3.61	3.83	3.85
Wilkes-Barre—Hazleton <sup>9</sup> .....	126.72	135.99	135.99	36.0	35.6	35.6	3.52	3.82	3.82
Williamsport .....	152.48	170.17	171.30	38.7	39.3	39.2	3.94	4.33	4.37
York .....	154.83	171.90	172.77	39.7	39.7	39.9	3.90	4.33	4.33
<b>RHODE ISLAND</b> .....	139.16	144.77	146.29	39.2	38.4	38.7	3.55	3.77	3.78
Providence—Warwick—Pawtucket .....	140.26	144.38	145.52	39.4	38.5	38.6	3.56	3.75	3.77
<b>SOUTH CAROLINA</b> .....	124.26	130.92	133.41	39.2	37.3	37.9	3.17	3.51	3.52
Charleston .....	149.76	162.77	157.99	41.6	41.0	40.2	3.60	3.97	3.93
Columbia .....	124.29	140.16	141.00	38.6	38.4	37.4	3.22	3.65	3.77
Greenville—Spartanburg .....	124.87	124.24	(*)	38.9	35.7	(*)	3.21	3.48	(*)
<b>SOUTH DAKOTA</b> .....	154.16	165.61	163.07	41.0	40.1	39.2	3.76	4.13	4.16
Sioux Falls .....	202.94	213.85	215.79	44.7	42.6	42.9	4.54	5.02	5.03
<b>TENNESSEE</b> .....	138.77	146.68	150.93	39.2	38.0	39.0	3.54	3.86	3.87
Chattanooga .....	149.67	157.87	163.98	39.7	38.6	39.8	3.77	4.09	4.12
Knoxville .....	163.28	169.67	171.05	38.6	38.3	38.7	4.23	4.43	4.42
Memphis .....	163.61	175.05	181.03	40.1	38.9	39.7	4.08	4.50	4.56
Nashville—Davidson .....	141.21	143.42	152.74	38.9	35.5	37.9	3.63	4.04	4.03
<b>TEXAS</b> .....	159.19	179.29	179.10	40.3	40.2	39.8	3.95	4.46	4.50
Amarillo .....	137.76	160.33	168.48	39.7	39.2	40.5	3.47	4.09	4.16
Austin .....	133.01	150.38	149.65	40.8	41.2	41.0	3.26	3.65	3.65
Beaumont—Port Arthur—Orange .....	216.24	225.81	223.65	40.8	39.0	38.1	5.30	5.79	5.87
Corpus Christi .....	200.54	187.11	187.68	43.5	38.9	39.1	4.61	4.81	4.80
Dallas .....	145.30	160.72	159.83	39.7	39.2	38.7	3.66	4.10	4.13
El Paso .....	115.41	120.74	121.09	38.6	35.1	35.2	2.99	3.44	3.44
Fort Worth .....	156.42	183.31	182.51	39.4	40.2	40.2	3.97	4.56	4.54
Galveston—Texas City .....	244.02	268.13	264.38	42.0	41.7	41.7	5.81	6.43	6.34
Houston .....	189.93	217.75	217.24	41.2	42.2	42.1	4.61	5.16	5.16
Lubbock .....	116.34	147.97	143.85	36.7	41.8	41.1	3.17	3.54	3.50
San Antonio .....	121.91	139.20	140.35	38.7	40.0	40.1	3.15	3.48	3.50
Waco .....	143.26	155.12	148.58	40.7	40.5	39.1	3.52	3.83	3.80
Wichita Falls .....	119.65	156.02	151.29	39.1	39.7	39.5	3.06	3.93	3.83
<b>UTAH</b> .....	152.48	156.74	159.10	39.3	38.7	38.9	3.88	4.05	4.09
Salt Lake City—Ogden .....	149.76	154.45	155.23	39.0	39.3	39.6	3.84	3.93	3.92

See footnotes at end of table.

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

**C-18. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>	Apr. 1974	Mar. 1975	Apr. 1975 <sup>p</sup>
<b>VERMONT</b> .....	\$149.10	\$159.20	\$159.60	40.3	39.9	40.1	\$3.70	\$3.99	\$3.98
Burlington .....	170.98	176.51	175.20	41.5	40.3	40.0	4.12	4.38	4.38
Springfield .....	175.98	189.88	187.32	41.9	41.1	40.9	4.20	4.62	4.58
<b>VIRGINIA</b> .....	139.08	150.07	152.05	39.4	37.8	38.3	3.53	3.97	3.97
Lynchburg .....	128.15	146.67	149.00	38.6	37.9	38.6	3.32	3.87	3.86
Norfolk—Virginia Beach—Portsmouth .....	144.23	148.96	159.98	40.4	39.2	40.5	3.57	3.80	3.95
Northern Virginia <sup>10</sup> .....	173.89	185.16	196.89	39.7	38.9	40.1	4.38	4.76	4.91
Richmond .....	157.82	176.47	176.08	38.4	38.7	38.7	4.11	4.56	4.55
Roanoke .....	127.53	141.26	141.45	39.0	38.7	39.4	3.27	3.65	3.59
<b>WASHINGTON</b> .....	197.06	217.11	217.34	39.1	38.7	38.4	5.04	5.61	5.66
Seattle—Everett .....	200.43	224.04	228.13	39.3	39.1	39.4	5.10	5.73	5.79
Spokane .....	190.54	199.56	198.66	40.8	38.9	38.5	4.67	5.13	5.16
Tacoma .....	203.30	214.86	215.65	39.4	38.3	38.1	5.16	5.61	5.66
<b>WEST VIRGINIA</b> .....	175.62	186.72	186.05	39.2	38.9	38.6	4.48	4.80	4.82
Charleston .....	202.25	220.04	221.68	41.7	40.9	40.9	4.85	5.38	5.42
Huntington—Ashland .....	190.96	209.04	215.20	39.7	39.0	40.0	4.81	5.36	5.38
Wheeling .....	179.60	197.00	194.33	40.0	39.4	39.1	4.49	5.00	4.97
<b>WISCONSIN</b> .....	187.03	206.94	206.87	40.0	40.1	39.9	4.67	5.16	5.19
Appleton—Oshkosh .....	183.71	197.29	195.77	41.6	40.8	40.4	4.42	4.83	4.84
Green Bay .....	184.15	207.76	208.63	40.7	41.1	41.2	4.53	5.06	5.06
Kenosha .....	209.71	259.49	257.99	37.5	40.6	40.4	5.59	6.40	6.39
La Crosse .....	154.29	181.51	177.92	39.9	41.7	41.0	3.87	4.36	4.34
Madison .....	199.87	218.92	224.74	39.5	38.9	39.5	5.07	5.62	5.69
Milwaukee .....	202.04	225.54	226.59	39.8	40.3	40.1	5.07	5.60	5.65
Racine .....	197.64	230.41	224.23	39.6	40.1	39.0	4.99	5.75	5.75
<b>WYOMING</b> .....	191.28	230.66	230.41	40.1	42.4	42.2	4.77	5.44	5.46
Casper .....	214.43	226.76	237.51	41.0	39.3	40.6	5.23	5.77	5.85
Cheyenne .....	201.12	237.47	181.07	36.5	33.4	29.3	5.51	7.11	6.18

<sup>1</sup> Revised series; not strictly comparable with previously published data.  
<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>3</sup> Area included in New York—Northeastern New Jersey Standard Consolidated Area.  
<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>5</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>6</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>8</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>9</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>10</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.  
<sup>\*</sup> Not available.  
<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.





**ESTABLISHMENT DATA  
LABOR TURNOVER**

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**D-2. Labor turnover rates, by industry**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>
-	<b>MANUFACTURING</b> .....	3.2	3.6	1.3	1.6	4.2	3.9	1.0	1.1	2.5	2.1
19,24,25,32-39	<b>DURABLE GOODS</b> .....	3.1	3.5	1.1	1.3	4.1	3.9	.8	.9	2.5	2.2
20-23,26-31	<b>NONDURABLE GOODS</b> .....	3.3	3.8	1.6	2.0	4.3	3.9	1.2	1.4	2.4	1.9
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	1.9	-	1.1	-	1.9	-	0.6	-	0.8	-
192	Ammunition, except for small arms .....	1.9	-	1.0	-	1.8	-	.4	-	1.0	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	5.2	6.2	2.4	3.5	5.2	5.1	1.8	2.2	2.6	2.1
242	Sawmills and planing mills .....	5.4	-	2.5	-	5.8	-	1.8	-	3.1	-
2421	Sawmills and planing mills, general .....	5.5	-	2.6	-	5.5	-	1.8	-	2.8	-
243	Millwork, plywood and related products .....	4.5	-	2.3	-	3.7	-	1.4	-	1.4	-
2431	Millwork .....	4.7	-	2.4	-	3.9	-	1.4	-	1.4	-
2432	Veneer and plywood .....	4.2	-	2.1	-	3.7	-	1.6	-	1.5	-
244	Wooden containers .....	6.9	-	3.6	-	6.1	-	3.1	-	2.4	-
2441,2	Wooden boxes, shooks, and crates .....	6.2	-	3.1	-	6.2	-	2.8	-	2.9	-
249	Miscellaneous wood products .....	4.7	-	2.4	-	4.7	-	1.8	-	2.1	-
25	<b>FURNITURE AND FIXTURES</b> .....	4.3	5.0	1.5	2.1	6.0	5.3	1.3	1.6	4.0	2.9
251	Household furniture .....	4.6	-	1.5	-	6.1	-	1.4	-	3.9	-
2511	Wood household furniture .....	5.4	-	1.4	-	7.2	-	1.6	-	4.8	-
2512	Upholstered household furniture .....	3.1	-	1.5	-	4.5	-	1.2	-	2.6	-
2515	Mattresses and bedsprings .....	3.7	-	1.6	-	2.7	-	1.0	-	1.0	-
252	Office furniture .....	2.3	-	.6	-	6.1	-	.9	-	4.5	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	3.7	4.3	1.4	1.6	4.5	3.8	.9	1.1	2.9	2.0
321	Flat glass .....	4.3	-	.3	-	3.4	-	.3	-	2.0	-
322	Glass and glassware, pressed or blown .....	3.4	-	1.2	-	4.0	-	.7	-	2.4	-
3221	Glass containers .....	3.5	-	1.8	-	3.5	-	.7	-	2.0	-
3229	Pressed and blown glass, nec .....	3.2	-	.4	-	4.7	-	.6	-	2.9	-
324	Cement, hydraulic .....	2.7	-	.3	-	4.0	-	.2	-	3.4	-
325	Structural clay products .....	4.4	-	1.6	-	4.4	-	1.1	-	2.6	-
3251	Brick and structural clay tile .....	7.3	-	2.8	-	5.4	-	1.5	-	3.3	-
326	Pottery and related products .....	3.7	-	1.1	-	5.3	-	.9	-	3.5	-
3291	Abrasive products .....	.8	-	.3	-	3.7	-	.5	-	2.3	-
33	<b>PRIMARY METAL INDUSTRIES</b> .....	2.1	2.5	.7	.7	4.0	4.0	.5	.6	2.7	2.6
331	Blast furnance and basic steel products .....	1.8	-	.4	-	3.7	-	.3	-	2.7	-
3312	Blast furnances and steel mills .....	1.6	-	.4	-	3.3	-	.2	-	2.3	-
332	Iron and steel foundries .....	2.7	-	1.5	-	4.1	-	1.2	-	1.9	-
3321	Gray iron foundries .....	2.6	-	1.1	-	4.3	-	1.1	-	2.3	-
3322	Malleable iron foundries .....	3.2	-	1.9	-	7.1	-	1.5	-	4.4	-
3323	Steel foundries .....	2.7	-	2.2	-	2.6	-	1.2	-	.3	-
333,4	Nonferrous metals .....	1.1	-	.6	-	3.2	-	.5	-	2.0	-
335	Nonferrous rolling and drawing .....	2.2	-	.3	-	4.3	-	.3	-	3.4	-
3351	Copper rolling and drawing .....	2.9	-	.2	-	3.8	-	.3	-	2.9	-
3352	Aluminum rolling and drawing .....	1.5	-	.2	-	6.7	-	.2	-	5.6	-
3357	Nonferrous wire drawing, and insulating .....	2.6	-	.3	-	3.1	-	.3	-	2.2	-
336	Nonferrous foundries .....	3.2	-	.9	-	5.9	-	.8	-	4.2	-
3361	Aluminum castings .....	3.1	-	.8	-	7.4	-	.9	-	5.6	-
3362,9	Other nonferrous castings .....	3.3	-	1.1	-	4.1	-	.7	-	2.8	-
339	Miscellaneous primary metal products .....	2.7	-	1.3	-	4.2	-	.6	-	2.8	-
3391	Iron and steel forgings .....	2.5	-	1.4	-	3.4	-	.7	-	2.0	-
34	<b>FABRICATED METAL PRODUCTS</b> .....	3.8	-	1.4	-	4.9	-	.9	-	3.2	-
341	Metal cans .....	4.9	-	.5	-	9.7	-	.4	-	8.2	-
342	Cutlery, hand tools, and hardware .....	3.0	-	.8	-	3.3	-	.9	-	1.8	-
3421,3,5	Cutlery and hand tools, incl. saws .....	2.2	-	1.0	-	2.6	-	.8	-	1.3	-
3429	Hardware, nec .....	3.7	-	.7	-	3.9	-	1.0	-	2.3	-
343	Plumbing and heating, except electric .....	2.5	-	1.0	-	4.5	-	.8	-	3.1	-
3431,2	Sanitary ware and plumbers' brass goods .....	2.4	-	.8	-	3.4	-	.8	-	2.0	-
3433	Heating equipment, except electric .....	2.5	-	1.1	-	5.4	-	.9	-	4.1	-
344	Fabricated structural metal products .....	2.9	-	2.1	-	3.9	-	1.1	-	2.0	-
3441	Fabricated structural steel .....	3.4	-	2.6	-	3.9	-	1.4	-	1.5	-
3443	Fabricated plate work (boiler shops) .....	2.5	-	2.1	-	2.2	-	.9	-	.6	-
3446,9	Architectural and misc. metal work .....	3.2	-	2.2	-	4.8	-	1.3	-	2.8	-
345	Screw machine products, bolts, etc. ....	1.5	-	.7	-	4.9	-	.7	-	3.7	-
3452	Bolts, nuts, rivets, and washers .....	1.3	-	.6	-	4.0	-	.6	-	2.8	-

See footnotes at end of table.

## D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
	<b>FABRICATED METAL PRODUCTS — Continued</b>										
346	Metal stampings .....	8.3	-	0.6	-	4.1	-	0.7	-	2.7	-
348	Miscellaneous fabricated wire products .....	3.4	-	1.2	-	6.9	-	1.2	-	5.0	-
349	Miscellaneous fabricated metal products .....	2.4	-	1.6	-	4.4	-	.7	-	3.0	-
3494,8	Valves, pipe, and pipe fittings .....	2.5	-	2.0	-	3.8	-	.8	-	2.4	-
35	<b>MACHINERY, EXCEPT ELECTRICAL .....</b>	2.0	1.8	1.1	1.1	3.4	3.1	.7	0.8	2.0	1.6
351	Engines and turbines .....	1.8	-	.8	-	5.9	-	.3	-	4.6	-
3511	Steam engines and turbines .....	.8	-	.3	-	2.1	-	.3	-	.8	-
3519	Internal combustion engines, nec .....	2.3	-	1.0	-	8.2	-	.4	-	6.9	-
352	Farm machinery .....	2.3	-	1.3	-	3.3	-	.9	-	1.2	-
353	Construction and related machinery .....	1.8	-	1.5	-	2.5	-	.7	-	1.2	-
3531,2	Construction and mining machinery .....	1.3	-	1.0	-	1.9	-	.5	-	1.0	-
3533	Oil field machinery .....	3.9	-	3.7	-	2.5	-	1.4	-	.1	-
3535,6	Conveyors, hoists, cranes, monorails .....	1.5	-	1.4	-	3.2	-	.9	-	1.7	-
354	Metal working machinery .....	1.4	-	.9	-	3.4	-	.6	-	2.1	-
3541	Machine tools, metal cutting types .....	.9	-	.6	-	2.6	-	.4	-	1.7	-
3545	Machine tool accessories .....	1.2	-	.8	-	2.8	-	.7	-	1.5	-
3542,8	Miscellaneous metal working machinery .....	1.5	-	.7	-	3.1	-	.6	-	2.0	-
355	Special industry machinery .....	1.4	-	1.1	-	3.5	-	.7	-	2.2	-
3551	Food products machinery .....	1.9	-	1.5	-	2.7	-	.8	-	1.2	-
3552	Textile machinery .....	1.3	-	.7	-	6.2	-	.6	-	4.9	-
356	General industrial machinery .....	1.9	-	1.1	-	3.2	-	.5	-	2.1	-
3561	Pumps and compressors .....	1.8	-	1.1	-	2.6	-	.6	-	1.3	-
3562	Ball and roller bearings .....	1.5	-	.5	-	4.4	-	.3	-	3.6	-
3566	Power transmission equipment .....	1.9	-	.8	-	2.6	-	.5	-	1.5	-
357	Office and computing machines .....	1.3	-	.7	-	2.2	-	.6	-	.9	-
3573	Electronic computing equipment .....	1.1	-	.6	-	1.7	-	.6	-	.5	-
358	Service industry machines .....	5.3	-	.9	-	3.3	-	.6	-	2.0	-
3585	Refrigeration machinery .....	6.6	-	.6	-	3.2	-	.5	-	1.9	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES .....</b>	2.3	-	.7	-	3.8	-	.6	-	2.4	-
361	Electric test and distributing equipment .....	1.2	-	.5	-	2.6	-	.6	-	1.3	-
3611	Electric measuring instruments .....	1.4	-	.8	-	1.9	-	.8	-	.6	-
3612	Transformers .....	1.5	-	.3	-	2.8	-	.6	-	1.3	-
3613	Switchgear and switchboard apparatus .....	.7	-	.3	-	3.1	-	.5	-	1.9	-
362	Electrical industrial apparatus .....	1.8	-	.7	-	3.8	-	.6	-	2.4	-
3621	Motors and generators .....	2.4	-	.7	-	5.0	-	.6	-	3.4	-
3622	Industrial controls .....	1.5	-	.7	-	2.9	-	.6	-	1.6	-
363	Household appliances .....	3.6	-	.5	-	5.7	-	.8	-	3.7	-
3632	Household refrigerators and freezers .....	4.0	-	.1	-	6.0	-	.6	-	4.2	-
3633	Household laundry equipment .....	5.5	-	(1)	-	3.7	-	.2	-	2.0	-
3634	Electric housewares and fans .....	3.6	-	.9	-	7.3	-	1.3	-	5.3	-
364	Electric lighting and wiring equipment .....	3.5	-	.9	-	4.3	-	.7	-	2.9	-
3641	Electric lamps .....	3.4	-	.5	-	3.7	-	.4	-	2.5	-
3642	Lighting fixtures .....	5.1	-	1.7	-	4.2	-	1.0	-	2.3	-
3643,4	Wiring devices .....	2.4	-	.6	-	4.8	-	.6	-	3.5	-
365	Radio and TV receiving equipment .....	4.1	-	.4	-	5.5	-	.7	-	3.6	-
366	Communication equipment .....	1.3	-	.6	-	2.7	-	.5	-	1.6	-
3661	Telephone and telegraph apparatus .....	1.2	-	.2	-	3.5	-	.3	-	2.8	-
3662	Radio and TV communication equipment .....	1.4	-	.8	-	2.2	-	.5	-	1.0	-
367	Electronic components and accessories .....	2.1	-	.8	-	4.3	-	.9	-	2.7	-
3671-3	Electron tubes .....	2.4	-	1.1	-	3.9	-	.6	-	2.1	-
3674,9	Other electronic components .....	2.1	-	.8	-	4.4	-	.9	-	2.8	-
369	Miscellaneous electrical equipment and supplies .....	4.0	-	.8	-	3.5	-	.5	-	2.1	-
3694	Engine electrical equipment .....	3.9	-	.4	-	2.8	-	.4	-	1.6	-
37	<b>TRANSPORTATION EQUIPMENT .....</b>	4.7	-	1.0	-	4.5	-	.8	-	2.8	-
371	Motor vehicles and equipment .....	6.5	-	.3	-	4.0	-	.5	-	2.6	-
3711	Motor vehicles .....	8.1	-	.2	-	3.3	-	.6	-	2.1	-
3712	Passenger car bodies .....	3.0	-	(1)	-	2.7	-	.1	-	1.9	-
3713	Truck and bus bodies .....	4.3	-	1.3	-	4.4	-	1.1	-	2.7	-
3714	Motor vehicle parts and accessories .....	5.7	-	.3	-	4.6	-	.4	-	2.9	-
372	Aircraft and parts .....	1.2	-	.7	-	4.0	-	.5	-	2.9	-
3721	Aircraft .....	1.0	-	.6	-	5.5	-	.5	-	4.4	-
3722	Aircraft engines and engine parts .....	1.2	-	.6	-	2.2	-	.4	-	1.0	-
3723,9	Other aircraft parts and equipment .....	1.6	-	1.1	-	2.7	-	.7	-	1.5	-
373	Ship and boat building and repairing .....	5.8	-	3.4	-	4.9	-	1.9	-	1.7	-
3731	Ship building and repairing .....	5.6	-	3.3	-	5.0	-	1.8	-	1.9	-
374	Railroad equipment .....	2.3	-	.7	-	5.0	-	.5	-	3.4	-
375,9	Other transportation equipment .....	8.9	-	2.9	-	8.7	-	1.6	-	6.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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**D-2. Labor turnover rates, by industry—Continued**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>	Mar. 1975	Apr. 1975 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
	<b>INSTRUMENTS AND RELATED PRODUCTS</b>										
38	INSTRUMENTS AND RELATED PRODUCTS	1.5	1.9	0.9	1.1	2.6	2.8	0.6	0.9	1.4	1.3
381	Jewelry, silverware, and plated ware	1.2	-	.9	-	2.2	-	.6	-	1.2	-
382	Mechanical measuring and control devices	1.5	-	.7	-	2.8	-	.6	-	1.6	-
3821	Mechanical measuring devices	1.5	-	.8	-	2.4	-	.6	-	1.2	-
3822	Automatic temperature controls	1.6	-	.3	-	3.8	-	.5	-	2.5	-
383,5	Optical and ophthalmic goods	1.6	-	1.1	-	2.6	-	.9	-	1.3	-
384	Medical instruments and supplies	2.1	-	1.4	-	2.9	-	.8	-	1.5	-
386	Photographic equipment and supplies	.6	-	.4	-	1.5	-	.3	-	.8	-
387	Watches, clocks, and watchcases	3.6	-	1.5	-	6.4	-	1.0	-	4.1	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	4.6	4.9	1.7	2.1	4.4	5.6	1.1	1.4	2.5	3.3
391	Jewelry, silverware, and plated ware	2.7	-	1.0	-	3.8	-	1.2	-	2.0	-
394	Toys and sporting goods	7.6	-	2.1	-	5.1	-	1.3	-	2.8	-
3941-3	Games, toys, dolls and play vehicles	11.2	-	2.2	-	4.1	-	1.3	-	2.0	-
3949	Sporting and athletic goods, nec	3.8	-	2.1	-	6.3	-	1.3	-	3.7	-
395	Pens, pencils, office and art supplies	3.0	-	2.6	-	3.3	-	1.3	-	1.3	-
396	Costume jewelry and notions	4.6	-	1.9	-	4.7	-	1.3	-	2.8	-
393,9	Other manufacturing industries	3.2	-	1.4	-	4.1	-	.8	-	2.6	-
	<b>NONDURABLE GOODS</b>										
	<b>FOOD AND KINDRED PRODUCTS</b>										
20	FOOD AND KINDRED PRODUCTS	4.1	4.7	2.3	2.7	4.9	4.4	1.5	1.7	2.6	2.1
201	Meat products	4.6	-	2.6	-	5.1	-	2.1	-	2.2	-
2011	Meat packing plants	3.9	-	1.7	-	4.9	-	1.1	-	3.1	-
2015	Poultry dressing plants	6.4	-	5.0	-	6.5	-	4.5	-	.8	-
204	Grain mill products	2.0	-	1.4	-	3.1	-	1.1	-	1.4	-
2041	Flour and other grain mill products	1.8	-	1.0	-	3.3	-	.8	-	1.8	-
2042	Prepared feeds for animals and fowls	2.3	-	1.9	-	2.6	-	1.6	-	.6	-
205	Bakery products	2.7	-	1.7	-	2.2	-	1.1	-	.5	-
2051	Bread, cake, and related products	2.3	-	1.7	-	2.0	-	1.2	-	.4	-
2052	Cookies and crackers	4.6	-	2.0	-	2.8	-	1.0	-	1.0	-
207	Confectionery and related products	4.7	-	1.1	-	7.4	-	1.0	-	5.9	-
2071	Confectionery products	5.2	-	1.2	-	9.3	-	1.2	-	7.6	-
208	Beverages	4.0	-	2.1	-	4.0	-	1.3	-	2.0	-
2082	Malt liquors	5.3	-	1.4	-	3.9	-	.2	-	3.2	-
21	<b>TOBACCO MANUFACTURES</b>	1.7	1.4	.6	.8	4.8	6.0	.7	.7	3.2	4.4
211	Cigarettes	.8	-	.2	-	1.8	-	.1	-	.8	-
212	Cigars	1.7	-	1.2	-	4.3	-	2.3	-	1.5	-
22	<b>TEXTILE MILL PRODUCTS</b>	3.5	4.3	1.7	2.5	4.0	4.2	1.5	2.0	1.8	1.3
221	Weaving mills, cotton	2.5	-	1.4	-	3.5	-	1.6	-	1.1	-
222	Weaving mills, synthetics	3.1	-	1.5	-	5.0	-	1.7	-	2.4	-
223	Weaving and finishing mills, wool	4.2	-	2.3	-	4.6	-	1.3	-	2.7	-
224	Narrow fabric mills	4.4	-	1.3	-	4.3	-	.9	-	2.6	-
225	Knitting mills	4.3	-	2.1	-	3.7	-	1.4	-	1.6	-
2251	Women's hosiery, except socks	3.8	-	2.0	-	3.0	-	1.3	-	.9	-
2252	Hosiery, nec	3.0	-	1.8	-	2.5	-	1.3	-	.9	-
2254	Knit underwear mills	2.3	-	1.6	-	4.2	-	1.8	-	1.9	-
226	Textile finishing, except wool	2.9	-	1.3	-	3.3	-	1.0	-	1.2	-
227	Floor covering mills	3.2	-	1.2	-	3.7	-	1.1	-	1.7	-
228	Yarn and thread mills	3.2	-	1.8	-	4.6	-	1.9	-	1.9	-
229	Miscellaneous textile goods	5.2	-	1.3	-	4.7	-	1.0	-	2.8	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	4.8	5.3	2.3	2.9	6.2	5.9	1.7	2.1	3.7	3.1
231	Men's and boys' suits and coats	3.5	-	.9	-	9.9	-	1.0	-	8.2	-
232	Men's and boys' furnishings	3.4	-	2.1	-	6.6	-	2.0	-	4.0	-
2321	Men's and boys' shirts and nightwear	2.8	-	1.8	-	5.3	-	1.8	-	2.9	-
2327	Men's and boys' separate trousers	3.2	-	2.0	-	6.6	-	1.9	-	4.1	-
2328	Men's and boys' work clothing	3.6	-	2.7	-	6.5	-	2.8	-	3.3	-
234	Women's and children's undergarments	4.6	-	2.3	-	4.6	-	1.9	-	2.0	-
2341	Women's and children's underwear	5.3	-	2.6	-	4.8	-	2.1	-	1.9	-
2342	Corsets and allied garments	2.4	-	1.4	-	4.0	-	1.2	-	2.2	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	2.3	2.9	.7	.8	4.5	3.4	.6	.7	3.2	2.1
261,2,6	Paper and pulp mills	2.2	-	.4	-	4.9	-	.4	-	4.0	-
263	Paperboard mills	1.6	-	.5	-	2.9	-	.6	-	1.8	-

See footnotes at end of table.

## D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>	Mar. 1975	Apr. 1975 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>PAPER AND ALLIED PRODUCTS—Continued</b>										
264	Miscellaneous converted paper products .....	2.5	-	0.9	-	4.8	-	0.8	-	3.3	-
2643	Bags, except textile bags .....	2.4	-	.9	-	7.5	-	1.2	-	5.5	-
265	Paperboard containers and boxes .....	2.6	-	.7	-	4.3	-	.6	-	2.9	-
2651,2	Folding and setup paperboard boxes .....	3.0	-	.7	-	5.9	-	.8	-	4.3	-
2653	Corrugated and solid fiber boxes .....	1.9	-	.5	-	3.3	-	.5	-	2.2	-
27	<b>PRINTING AND PUBLISHING</b> .....	2.0	1.9	1.4	1.3	2.6	2.7	1.1	1.1	1.0	1.1
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1.6	1.8	.8	.8	2.4	1.9	.5	.5	1.4	.9
281	Industrial chemicals .....	1.0	-	.6	-	1.8	-	.3	-	1.0	-
282	Plastics materials and synthetics .....	2.0	-	.2	-	3.0	-	.3	-	2.2	-
2821	Plastics materials and resins .....	1.7	-	.3	2	4.0	-	.2	-	3.2	-
2823,4	Synthetic fibers .....	2.4	-	.1	-	2.3	-	.3	-	1.6	-
283	Drugs .....	1.1	-	.8	-	1.1	-	.5	-	.3	-
2834	Pharmaceutical preparations .....	1.2	-	.8	-	1.2	-	.5	-	.4	-
284	Soap, cleaners, and toilet goods .....	2.0	-	1.1	-	3.4	-	.6	-	2.0	-
2841	Soap and other detergents .....	1.3	-	.9	-	4.8	-	.4	-	3.8	-
2844	Toilet preparations .....	2.7	-	1.2	-	3.4	-	.7	-	1.6	-
285	Paints and allied products .....	2.0	-	1.0	-	2.6	-	.6	-	1.5	-
286,9	Other chemical products .....	1.2	-	.5	-	3.7	-	.6	-	2.2	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	1.6	1.7	1.0	1.0	1.4	1.4	.4	.4	.5	.5
291	Petroleum refining .....	.9	-	.8	-	.8	-	.2	-	.2	-
295,9	Other petroleum and coal products .....	4.2	-	1.9	-	3.6	-	1.0	-	1.8	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	3.8	4.6	1.2	1.5	5.2	4.5	1.1	1.3	3.3	2.3
301	Tires and inner tubes .....	.9	-	.2	-	3.1	-	.3	-	2.2	-
302,3,6	Other rubber products .....	3.6	-	.9	-	5.6	-	1.1	-	3.5	-
307	Miscellaneous plastics products .....	5.0	-	1.8	-	5.9	-	1.4	-	3.6	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	5.1	6.9	2.3	3.6	8.0	5.9	2.0	2.4	5.1	2.5
311	Leather tanning and finishing .....	4.9	-	2.7	-	3.8	-	1.0	-	2.1	-
314	Footwear, except rubber .....	4.7	-	2.2	-	8.7	-	2.3	-	5.3	-
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	2.0	2.4	1.5	1.5	2.8	2.2	1.0	1.2	1.0	.2
101	Iron ores .....	2.1	-	1.1	-	1.4	-	.3	-	.3	-
102	Copper ores .....	.8	-	.4	-	3.4	-	.7	-	1.9	-
11,12	<b>COAL MINING</b> .....	2.6	2.3	2.1	2.1	1.2	1.3	.6	-	(1)	-
12	Bituminous coal and lignite mining .....	2.6	-	2.1	-	1.2	-	.6	-	(1)	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	.3	-	-	-	.7	-	.3	-	.1	-
482	Telegraph communication <sup>2</sup> .....	2.2	-	-	-	2.4	-	1.5	-	.4	-

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

p = preliminary.

<sup>2</sup> Data relate to all employees except messengers.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED LABOR TURNOVER**

**D-3. Labor turnover rates in manufacturing, 1963 to date, seasonally adjusted**

[Per 100 employees]

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>												
1963	3.7	3.9	3.9	4.0	3.8	3.9	3.8	3.9	3.8	3.8	3.7	3.9
1964	3.8	3.9	3.9	4.0	4.0	3.9	4.0	4.1	3.8	4.0	4.0	4.0
1965	4.1	4.1	4.2	4.1	4.1	4.3	4.2	4.2	4.4	4.5	4.7	4.9
1966	4.9	5.0	5.3	5.0	5.0	5.1	4.9	5.0	5.0	5.0	4.7	4.6
1967	4.5	4.3	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.5
1968	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	4.8
1969	4.9	4.8	4.9	4.8	4.7	5.0	4.7	4.4	4.7	4.7	4.6	4.5
1970	4.3	4.4	4.0	4.0	4.1	4.1	4.1	4.0	3.8	3.7	3.7	3.8
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	4.0	3.8	4.0	4.1
1972	4.3	4.3	4.4	4.4	4.4	4.2	4.4	4.5	4.5	4.5	4.5	4.6
1973	4.7	4.8	4.9	4.8	4.8	4.8	4.8	4.7	4.9	4.9	4.8	4.4
1974	4.3	4.5	4.5	4.6 <sup>p</sup>	4.7	4.4	4.4	4.3	4.1	3.6	3.1	3.0
1975	3.1	3.3	3.5	3.9 <sup>p</sup>								
<b>New hires</b>												
1963	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.3	2.5
1964	2.4	2.4	2.5	2.6	2.5	2.5	2.7	2.7	2.7	2.7	2.7	2.7
1965	2.9	3.0	3.1	2.8	2.9	3.0	3.0	3.1	3.1	3.3	3.5	3.7
1966	3.7	3.8	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.9	3.7	3.6
1967	3.4	3.4	3.2	3.1	3.1	3.3	3.2	3.2	3.3	3.3	3.4	3.5
1968	3.3	3.2	3.4	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.2	2.9	2.8	2.7	2.8	2.9	2.8	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.8
1972	3.0	2.9	3.0	3.2	3.2	3.1	3.3	3.3	3.4	3.5	3.6	3.7
1973	3.8	4.1	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.9	3.9	3.6
1974	3.5	3.4	3.5	3.5 <sup>p</sup>	3.5	3.3	3.4	3.3	3.1	2.6	2.2	1.8
1975	1.5	1.5	1.5	1.7 <sup>p</sup>								
<b>Total separations</b>												
1963	4.0	3.9	3.9	4.0	3.8	3.9	3.9	4.0	3.8	3.8	4.0	3.9
1964	3.9	3.9	4.0	3.8	3.9	3.9	4.0	3.7	3.9	3.9	3.8	3.9
1965	3.8	3.8	3.8	3.9	4.0	4.0	3.9	4.3	4.2	4.2	4.2	4.3
1966	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.7	4.6	4.7	4.6
1967	4.8	4.8	4.9	4.8	4.6	4.5	4.5	4.3	4.5	4.5	4.4	4.4
1968	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.8	4.7	4.7	4.5	4.4
1969	4.6	4.8	5.0	4.8	4.9	5.0	4.8	4.9	5.0	4.9	4.9	4.8
1970	4.9	5.2	5.0	5.1	4.9	4.7	4.7	4.5	4.6	5.0	4.9	4.7
1971	4.4	4.2	4.1	4.1	4.1	4.0	4.3	4.3	4.1	4.1	4.2	4.2
1972	4.2	4.1	4.1	4.2	4.2	4.3	4.5	4.1	4.2	4.2	4.2	4.2
1973	4.4	4.5	4.6	4.5	4.7	4.7	4.7	4.8	4.7	4.7	4.6	4.6
1974	5.0	4.8	4.8	4.6 <sup>p</sup>	4.6	4.5	4.5	4.6	4.5	4.9	5.6	6.1
1975	6.1	5.4	4.8	4.3 <sup>p</sup>								
<b>Quits</b>												
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	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
1967	2.5	2.5	2.4	2.4	2.3	2.4	2.2	2.2	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.6
1969	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1970	2.4	2.5	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
1972	2.1	2.0	2.1	2.2	2.3	2.2	2.3	2.3	2.2	2.4	2.4	2.6
1973	2.6	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.5	2.8	2.7	2.7
1974	2.6	2.5	2.6	2.6 <sup>p</sup>	2.6	2.6	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.2	1.2 <sup>p</sup>								
<b>Layoffs</b>												
1963	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.9	1.9	1.8	1.8	1.7
1964	1.7	1.9	1.8	1.6	1.7	1.6	1.6	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	1.6	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.4	1.2	1.0	1.1	1.2	1.3
1967	1.4	1.5	1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.4
1970	1.6	1.7	1.7	2.0	1.9	1.9	1.5	1.9	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.6	1.6	1.6	1.6	1.4	1.9	1.6	1.5	1.4	1.3
1972	1.3	1.2	1.2	1.2	1.1	1.4	1.2	1.0	1.0	0.9	0.9	1.0
1973	0.9	0.8	0.9	0.8	0.8	0.8	0.9	0.8	0.8	0.8	1.0	1.1
1974	1.5	1.4	1.2	1.1	1.1	1.1	1.0	1.2	1.3	1.9	2.6	2.6
1975	3.5	3.4	2.8	2.5 <sup>p</sup>								

p=preliminary.

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

[ Per 100 employees ]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Feb. 1975	Mar. 1975 <sup>P</sup>	Feb. 1975	Mar. 1975 <sup>P</sup>	Feb. 1975	Mar. 1975 <sup>P</sup>	Feb. 1975	Mar. 1975 <sup>P</sup>	Feb. 1975	Mar. 1975 <sup>P</sup>
<b>ALABAMA:</b>										
Birmingham .....	3.1	2.1	1.7	1.1	3.5	5.0	1.0	0.7	1.6	3.6
Mobile <sup>1</sup> .....	7.5	(*)	3.4	(*)	6.6	(*)	1.4	(*)	4.1	(*)
<b>ALASKA</b> .....	14.1	16.4	11.2	11.7	10.7	22.6	5.5	7.3	3.4	14.2
<b>ARIZONA</b> .....	2.3	2.8	1.6	2.0	3.6	3.1	1.2	1.3	1.7	1.2
Phoenix .....	2.1	2.6	1.3	1.9	3.1	2.6	1.0	1.1	1.4	.8
<b>ARKANSAS</b> .....	5.5	4.3	2.2	2.5	5.8	7.0	2.1	2.3	2.9	3.9
Fort Smith .....	16.4	4.1	1.4	1.7	6.0	7.6	1.9	1.8	3.1	4.8
Little Rock--North Little Rock .....	4.4	3.7	1.8	2.3	4.4	5.7	1.7	2.1	1.8	2.8
Pine Bluff .....	4.2	3.1	3.1	2.2	7.5	3.5	2.7	2.1	3.7	.8
<b>COLORADO</b> .....	1.9	2.7	1.2	1.8	4.2	2.7	.9	1.2	2.7	1.0
Denver--Boulder .....	1.8	2.5	1.1	1.7	3.1	2.9	.9	1.1	1.5	1.2
<b>CONNECTICUT</b> .....	1.7	1.8	.9	.8	3.6	3.1	.7	.6	2.2	1.9
Hartford .....	1.5	1.4	.9	.7	2.4	1.9	.6	.5	1.1	.8
<b>DELAWARE</b> <sup>1</sup> .....	4.7	5.1	.6	.6	9.9	2.8	.4	.4	8.8	1.9
Wilmington <sup>1</sup> .....	4.3	4.9	.5	.5	8.6	2.2	.4	.3	7.5	1.2
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA .....	1.5	1.6	1.2	1.4	1.2	1.8	.6	.8	.4	.6
<b>FLORIDA</b> .....	3.4	3.6	2.5	2.6	5.8	6.3	1.8	1.8	3.1	3.7
Fort Lauderdale--Hollywood .....	1.8	(*)	1.3	(*)	3.7	(*)	1.1	(*)	1.7	(*)
Jacksonville .....	6.6	(*)	3.4	(*)	6.5	(*)	1.1	(*)	4.9	(*)
Miami .....	3.6	(*)	2.6	(*)	5.9	(*)	1.4	(*)	3.5	(*)
Orlando .....	3.1	(*)	2.5	(*)	6.1	(*)	1.5	(*)	3.5	(*)
Pensacola .....	1.3	(*)	1.2	(*)	8.3	(*)	.6	(*)	7.5	(*)
Tampa--St. Petersburg .....	4.6	(*)	3.3	(*)	6.2	(*)	2.4	(*)	2.8	(*)
West Palm Beach--Boca Raton .....	1.9	(*)	1.8	(*)	2.4	(*)	1.5	(*)	.3	(*)
<b>GEORGIA</b> .....	2.5	4.4	1.3	1.6	4.5	4.2	1.3	1.4	2.6	2.1
Atlanta <sup>2</sup> .....	2.0	2.7	1.0	1.1	3.9	4.2	.9	1.0	2.5	2.3
<b>HAWAII</b> <sup>3</sup> .....	2.2	2.6	1.3	1.9	2.1	2.3	1.0	.9	.3	.4
<b>IDAHO</b> <sup>4</sup> .....	3.5	6.1	2.6	3.2	6.1	5.5	1.9	1.4	3.4	3.2
<b>ILLINOIS:</b>										
Chicago SMSA .....	1.6	1.9	.9	.9	4.0	3.4	.8	.8	2.3	1.9
<b>INDIANA</b> .....	2.2	2.7	.7	.8	4.8	4.1	.6	.6	3.5	2.8
Indianapolis <sup>5</sup> .....	2.4	2.5	.9	.9	5.0	2.6	.6	.6	3.6	1.3
<b>IOWA</b> .....	2.1	2.5	1.3	1.4	4.3	3.8	1.0	1.0	2.7	2.0
Cedar Rapids .....	2.9	2.0	.9	1.1	3.8	3.0	.6	.7	2.5	1.9
Des Moines .....	2.7	3.6	2.0	2.5	3.8	4.6	1.5	2.0	1.4	1.6
<b>KANSAS</b> .....	2.9	3.1	2.3	2.3	3.8	5.0	1.9	2.0	1.2	2.2
Topeka .....	4.0	2.8	3.2	2.1	2.3	4.6	1.1	1.6	.9	2.4
Wichita .....	2.5	2.8	2.1	2.3	3.5	5.5	1.9	2.1	.7	2.4
<b>KENTUCKY</b> .....	1.9	2.1	.5	.5	4.9	5.2	.6	.6	3.6	3.7
Louisville .....	1.6	1.9	.6	.4	3.4	3.2	.4	.3	1.8	1.9
<b>LOUISIANA:</b>										
New Orleans .....	3.7	4.2	2.9	3.5	4.6	5.6	1.6	1.8	2.0	2.6
<b>MAINE</b> .....	4.0	4.5	2.0	2.0	6.1	6.3	1.4	1.6	4.0	4.0
Portland .....	1.3	1.7	1.1	1.2	4.2	3.4	.7	1.0	3.1	2.0
<b>MARYLAND</b> .....	4.6	4.3	.9	1.2	7.3	3.6	.7	.7	5.9	2.1
Baltimore .....	5.3	4.7	.8	1.1	8.5	3.4	.6	.7	7.2	2.1
<b>MASSACHUSETTS</b> .....	2.4	2.9	1.0	1.3	4.0	3.8	.8	.8	2.6	2.3
Boston .....	2.3	2.6	1.1	1.3	3.5	3.4	.7	.8	2.1	1.8
<b>MICHIGAN</b> .....	2.8	3.9	.4	.4	7.0	5.0	.5	.5	5.6	3.8
Detroit .....	2.7	3.8	.4	.4	7.5	6.4	.5	.5	6.0	5.0

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA LABOR TURNOVER**

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**D-4. Labor turnover rates in manufacturing for selected States and areas—Continued**

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>
<b>MINNESOTA</b>	2.0	2.4	1.1	1.0	3.4	4.5	1.1	1.2	1.7	2.8
Minneapolis—St. Paul	1.4	1.9	.8	.8	2.9	3.1	1.0	.9	1.4	1.7
<b>MISSISSIPPI:</b>										
Jackson	2.2	3.9	1.5	1.9	4.1	2.5	1.0	1.2	2.2	.5
<b>MISSOURI</b>	2.7	3.0	1.1	1.3	4.7	4.5	.9	1.0	3.1	2.7
Kansas City	2.0	2.6	1.2	1.4	3.9	3.9	1.0	1.0	2.4	2.1
St. Louis	2.7	2.3	.8	1.0	4.3	4.0	.6	.7	2.9	2.6
<b>MONTANA</b>	2.0	2.6	.9	1.7	3.5	3.4	.7	1.1	2.3	1.8
<b>NEBRASKA</b>	3.3	2.9	1.7	1.8	4.0	4.3	1.5	1.6	1.7	1.9
<b>NEVADA</b>	7.7	7.2	7.1	6.4	4.2	7.6	1.9	4.0	1.0	1.4
<b>NEW HAMPSHIRE</b>	2.7	3.8	1.3	1.4	4.3	4.3	1.0	1.2	2.7	2.6
<b>NEW JERSEY:</b>										
Camden <sup>6</sup>	3.4	2.9	1.2	1.0	4.1	3.7	.6	.7	2.6	1.8
Hackensack	3.2	3.3	1.3	1.8	4.9	3.1	.9	.8	3.3	1.6
Jersey City	4.0	3.2	1.8	1.9	4.4	4.2	.5	.5	3.1	3.1
Newark	2.0	1.9	1.0	.9	3.9	3.5	.6	.5	2.7	2.4
New Brunswick—Perth Amboy—Sayreville	2.7	2.3	.7	.9	5.2	4.9	.4	.5	3.8	3.6
Paterson—Clifton—Passaic	3.6	3.1	1.0	1.1	4.2	6.0	.7	.8	2.8	4.5
Trenton	1.6	2.1	.9	.8	3.2	4.1	.7	1.0	1.8	2.6
<b>NEW YORK</b>	3.6	3.4	1.2	1.3	4.2	4.0	.6	.7	2.9	2.7
Albany—Schenectady—Troy	2.2	2.1	.4	.5	4.8	3.5	.6	.4	3.1	2.2
Binghamton	.8	1.2	.6	.6	2.3	2.7	.4	.5	1.4	1.6
Buffalo	5.0	1.9	.5	.5	3.4	4.1	.4	.3	2.3	3.1
Elmira	2.1	3.4	.7	1.5	2.9	3.1	.5	.8	1.6	1.3
Monroe County <sup>7</sup>	.9	.9	.5	.6	2.6	2.6	.4	.4	1.5	1.8
Nassau—Suffolk <sup>8</sup>	3.3	3.4	1.7	2.1	3.7	4.0	.9	.8	2.2	2.4
New York and Nassau—Suffolk	5.0	4.3	1.8	1.8	4.4	4.6	.7	.8	3.1	3.2
New York SMSA <sup>8</sup>	5.3	4.5	1.8	1.8	4.5	4.7	.7	.8	3.3	3.4
New York City <sup>9</sup>	5.8	4.8	2.0	1.8	4.7	4.9	.7	.8	3.5	3.6
Rochester	1.0	1.6	.6	.7	2.9	3.0	.5	.5	1.7	2.0
Syracuse	2.2	1.5	.4	.5	5.6	3.8	.5	.5	4.3	2.6
Utica—Rome	1.6	2.9	.6	.8	4.7	2.8	.4	.5	3.6	1.9
Westchester County	1.8	2.1	1.0	1.0	3.5	3.4	.7	.6	2.2	2.2
<b>NORTH CAROLINA</b>	1.9	2.3	1.1	1.5	3.8	3.6	1.2	1.3	1.9	1.6
Charlotte—Gastonia	1.9	2.4	1.4	1.7	3.1	2.6	1.3	1.3	.8	.6
Greensboro—Winston-Salem—High Point	1.5	2.0	1.0	1.4	3.5	3.0	1.0	1.1	1.9	1.2
<b>NORTH DAKOTA</b>	5.5	6.8	4.3	5.1	6.0	8.8	2.6	4.4	2.6	2.9
Fargo—Moorhead	4.8	5.5	4.4	4.3	4.3	12.9	2.2	3.2	1.3	8.7
<b>OHIO</b>	2.2	2.7	.6	.6	4.7	3.8	.5	.5	3.4	2.5
Akron	.8	.8	.2	.2	4.1	2.8	.3	.3	3.4	2.1
Canton	1.8	3.1	.8	.8	4.7	5.6	.4	.7	3.4	3.9
Cincinnati	1.5	1.8	.8	1.0	3.2	2.9	.5	.5	1.9	1.7
Cleveland	2.7	2.8	.8	.7	5.0	3.7	.6	.6	3.4	2.2
Columbus	1.8	2.6	.5	.5	3.9	3.5	.5	.7	2.8	2.3
Dayton	1.1	1.4	.5	.5	5.7	3.1	.4	.5	4.5	2.1
Toledo	3.7	3.3	.5	.4	5.7	3.2	.3	.3	4.4	1.7
Youngstown—Warren	2.0	3.0	.3	.3	3.0	2.9	.2	.2	1.8	1.7
<b>OKLAHOMA</b>	3.0	3.7	2.4	3.0	4.0	4.1	2.0	2.3	1.3	1.0
Oklahoma City	2.8	3.3	2.0	2.3	4.4	4.2	1.8	2.0	1.8	1.5
Tulsa <sup>10</sup>	3.0	3.9	2.5	3.5	4.3	3.9	2.3	2.2	1.1	.8
<b>OREGON</b> <sup>1</sup>	4.0	4.4	1.9	2.2	5.4	4.7	1.2	1.3	3.5	2.6
Portland <sup>1</sup>	2.8	3.0	1.5	1.7	5.9	4.6	1.1	1.3	4.1	2.6
<b>PENNSYLVANIA</b>	2.7	2.8	.9	.9	4.5	3.8	.6	.6	3.2	2.6
Allentown—Bethlehem—Easton	3.5	3.3	.6	.8	3.7	3.3	.5	.5	2.7	2.3
Altoona	5.7	4.3	.9	1.5	5.3	4.9	.7	1.1	4.3	3.6
Erie	2.6	2.9	1.0	1.0	5.6	4.7	.8	.8	3.7	3.0
Harrisburg	2.4	2.1	.8	.7	3.5	2.8	.9	.8	2.1	1.6
Johnstown	1.8	2.5	.9	1.0	2.1	1.7	.4	.4	1.2	.7
Lancaster	1.9	2.7	.8	1.0	4.2	3.0	.7	.9	2.9	1.7

See footnotes at end of table.



ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

## D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>	Feb. 1975	Mar. 1975 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	5.4	4.9	1.4	1.0	6.1	5.0	0.7	0.7	4.9	3.8
Philadelphia SMSA .....	2.5	2.5	.9	1.0	4.3	3.3	.6	.6	2.9	2.0
Pittsburgh .....	2.3	2.2	.8	.7	3.8	3.9	.4	.3	2.6	2.8
Reading .....	1.8	2.4	.9	.9	6.1	5.1	.6	.7	4.9	3.9
Scranton <sup>11</sup> .....	4.9	4.3	1.6	1.0	4.7	4.0	.7	.6	3.7	3.0
Wilkes-Barre—Hazleton <sup>12</sup> .....	5.7	5.3	1.1	.7	6.6	4.4	.7	.7	5.3	3.2
Williamsport .....	2.5	3.3	1.2	1.7	4.2	3.7	.8	.5	2.9	2.7
York .....	2.3	3.0	1.2	1.1	5.0	5.6	1.0	1.0	3.3	3.2
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	3.1	4.3	1.4	1.4	6.4	5.5	1.0	1.0	4.6	3.5
.....	2.8	4.3	1.3	1.4	6.5	5.7	1.0	1.1	4.8	3.8
<b>SOUTH CAROLINA:</b>										
Greenville—Spartanburg .....	3.9	2.6	1.3	1.5	4.0	3.8	1.6	1.6	1.4	1.3
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	2.7	1.9	1.7	1.4	3.1	4.3	1.4	1.3	.9	2.4
.....	2.0	.6	.6	.4	2.3	4.4	.9	.6	1.1	3.5
<b>TENNESSEE:</b>										
Memphis .....	2.9	2.7	1.6	1.4	4.2	3.2	.9	1.1	2.4	1.4
<b>TEXAS:</b>										
Dallas .....	2.5	3.0	2.1	2.4	3.5	3.1	1.8	1.7	1.0	.7
Fort Worth .....	3.2	3.7	2.6	2.9	7.3	3.5	1.8	2.1	4.8	.8
Houston .....	3.8	3.9	3.4	3.5	3.7	3.8	2.1	2.4	.4	.3
San Antonio .....	2.3	2.8	2.0	2.5	4.0	3.6	1.7	2.1	1.3	.8
<b>UTAH</b> <sup>4</sup>										
Salt Lake City—Ogden <sup>4</sup> .....	2.7	3.5	2.0	2.3	4.2	3.5	1.7	2.0	1.8	.7
.....	2.6	3.0	2.3	2.5	3.9	3.3	1.7	2.0	1.5	.5
<b>VERMONT</b>										
Burlington .....	3.2	2.7	1.0	1.1	4.3	3.3	.6	.8	3.2	2.1
.....	.9	1.0	.2	.3	1.6	1.6	.4	.4	.9	1.1
Springfield .....	1.4	1.9	.9	.7	1.7	3.5	.3	.5	.9	2.6
<b>VIRGINIA</b>										
Richmond .....	2.3	2.6	.8	1.0	4.6	3.7	.9	.9	3.1	2.2
.....	1.4	1.5	.7	.8	3.7	4.9	.8	.8	2.2	3.0
<b>WASHINGTON:</b>										
Seattle—Everett <sup>13</sup> .....	2.1	3.0	1.2	1.7	3.3	4.1	.9	1.0	1.7	2.3
<b>WISCONSIN</b>										
Milwaukee .....	2.7	3.0	1.0	1.0	4.2	4.1	.6	.6	2.7	2.7
.....	2.1	2.4	1.3	1.3	4.3	4.1	.8	.7	2.4	2.4
<b>WYOMING</b>										
.....	4.1	4.5	3.3	4.0	9.0	4.1	2.6	2.5	3.5	.5

<sup>1</sup> Excludes canning and preserving.<sup>2</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.<sup>4</sup> Excludes canning and preserving, and sugar.<sup>5</sup> Excludes canning and preserving, and newspapers.<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.<sup>8</sup> Area included in New York and Nassau—Suffolk combined SMSA's.<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.<sup>10</sup> Excludes new-hire rate for transportation equipment.<sup>11</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.<sup>12</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.<sup>13</sup> Excludes canning and preserving, printing and publishing.

\* Not available.

p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

E-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	May 1974	April 1975	May 1975	Change from <sup>1</sup>		May 1974	April 1975	May 1975
				May 1974	April 1975			
TOTAL <sup>2, 3</sup>	1,943.0	4,866.5	4,338.9	2,395.8	-527.7	3.0	7.3	6.5
SEASONALLY ADJUSTED	2,097.4	4,503.7	4,671.2	2,573.7	167.5	3.3	6.8	7.0
Alabama	19.9	75.3	63.8	43.9	-11.5	2.2	8.1	6.9
Alaska	5.7	8.0	6.5	0.9	-1.5	8.1	9.9	8.0
Arizona	16.5	46.9	46.6	30.2	-0.2	2.9	7.6	7.5
Arkansas	13.2	53.8	45.7	32.5	-8.1	2.6	10.0	8.5
California	271.9	510.4	473.2	1.3	-37.2	4.3	7.8	7.2
Colorado	8.8	31.7	22.5	13.7	-9.3	1.2	4.2	3.0
Connecticut	39.6	92.4	86.0	46.4	-6.4	3.4	7.6	7.1
Delaware	5.3	14.3	12.9	7.6	-1.4	2.5	6.6	6.0
District of Columbia	7.9	12.1	13.6	5.8	1.5	2.2	3.3	3.8
Florida	40.4	147.6	134.1	93.7	-13.5	1.8	5.9	5.3
Georgia	24.6	106.5	93.8	69.2	-12.7	1.7	7.2	6.3
Hawaii	13.5	13.5	13.6	0.1	0.2	4.5	4.3	4.4
Idaho	6.4	14.4	10.4	4.0	-4.0	3.2	6.8	4.9
Illinois	81.7	247.5	239.5	57.8	-8.0	2.2	6.4	6.2
Indiana	37.1	120.3	106.6	69.5	-13.8	2.2	7.0	6.2
Iowa	9.1	36.6	29.9	20.8	-6.8	1.2	4.5	3.7
Kansas	10.8	25.4	20.7	9.9	-4.7	1.9	4.2	3.4
Kentucky	17.9	62.5	59.0	41.1	-3.5	2.2	7.4	6.9
Louisiana	30.2	60.3	61.6	31.4	1.3	3.2	6.0	6.2
Maine	11.6	30.2	23.5	11.9	-6.7	4.1	10.5	8.1
Maryland	24.9	75.2	72.7	47.9	-2.4	2.2	6.5	6.3
Massachusetts	92.9	180.0	166.4	73.4	-13.6	4.7	8.9	8.2
Michigan	155.9	340.7	248.3	92.5	92.4	5.7	12.3	8.9
Minnesota	31.1	80.4	62.2	31.1	-18.2	2.7	6.0	4.7
Mississippi	8.3	39.3	33.8	25.5	-5.5	1.6	7.1	6.1
Missouri	37.1	101.2	98.0	60.9	-3.2	2.6	6.9	6.7
Montana	5.9	14.1	10.3	4.4	-3.8	3.6	8.4	6.1
Nebraska	5.9	20.4	14.7	8.7	-5.7	1.4	4.7	3.4
Nevada	8.3	17.2	13.4	5.1	-3.7	4.2	8.1	6.4
New Hampshire	5.9	21.4	18.5	12.6	-2.9	2.4	8.1	7.0
New Jersey	118.5	215.7	206.6	88.1	-9.1	5.2	9.3	8.9
New Mexico	8.9	17.2	15.9	7.0	-1.3	3.7	6.7	6.2
New York	232.1	454.2	412.1	80.1	-42.1	3.9	7.6	6.9
North Carolina	22.7	151.8	123.2	0.5	-28.6	1.3	8.6	7.0
North Dakota	3.0	7.4	4.9	1.8	-2.6	2.3	5.6	3.7
Ohio	67.7	249.3	210.4	42.8	-38.9	2.0	6.6	5.6
Oklahoma	15.0	32.3	29.3	14.3	-2.9	2.2	4.5	4.1
Oregon	30.1	65.5	53.2	23.1	-12.3	4.5	8.8	7.2
Pennsylvania	127.9	331.6	307.8	79.9	-23.9	3.3	8.5	7.9
Puerto Rico <sup>2</sup>	49.3	69.2	68.7	19.5	-0.5	10.0	14.0	13.9
Rhode Island	13.3	37.1	30.3	17.0	-6.8	4.2	11.3	9.3
South Carolina	15.1	92.8	72.5	57.4	-20.3	1.9	11.2	8.7
South Dakota	1.9	7.4	4.6	2.7	-2.8	1.3	4.8	3.0
Tennessee	27.0	112.4	93.6	66.7	-18.8	2.2	8.7	7.2
Texas	34.7	100.6	89.1	54.4	-11.4	1.0	2.8	2.5
Utah	8.2	19.1	17.5	9.3	-1.7	2.6	5.8	5.3
Vermont	6.3	12.8	10.9	4.6	-1.9	4.8	9.7	8.2
Virginia	12.7	54.5	79.8	67.2	25.3	0.9	3.9	5.8
Washington	57.5	87.4	83.0	25.5	-4.4	6.2	9.1	8.6
West Virginia	13.1	29.8	27.0	13.9	-2.8	2.9	6.5	5.9
Wisconsin	29.1	115.7	94.0	64.9	-21.7	2.1	7.6	6.2
Wyoming	1.0	3.2	2.4	1.4	-0.8	1.1	3.3	2.4

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

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

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

E-2. Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

[In thousands, for week including the 12th of the month]

State and area	May 1974	May 1975	State and area	May 1974	May 1975	State and area	May 1974	May 1975	State and area	May 1974	May 1975
<b>ALABAMA</b>			<b>INDIANA—</b>			<b>NEW JERSEY</b>			<b>PENNSYLVANIA—</b>		
Birmingham .....	5.0	13.0	Continued			Atlantic City .....	4.0	5.6	Continued		
Mobile .....	2.1	5.4				Jersey City .....	16.1	20.1			
			Gary-Hammond—			Newark .....	33.4	55.2	<b>Northeast</b>		
<b>ARIZONA</b>			East Chicago .....	3.9	11.5	New Brunswick—			Pennsylvania .....	11.9	26.0
Phoenix .....	11.2	32.6	Indianapolis .....	6.6	15.4	Perth Amboy—			Philadelphia .....	58.8	129.1
			South Bend .....	1.8	4.6	Sayreville .....	9.4	18.1	Pittsburgh .....	22.7	41.3
<b>ARKANSAS</b>			Terre Haute .....	1.1	2.6	Paterson-Clifton—			Reading .....	3.6	8.6
Little Rock—						Passaic .....	10.5	16.0	York .....	3.1	9.7
North Little			<b>IOWA</b>			Trenton .....	3.9	6.4			
Rock .....	1.5	7.3	Cedar Rapids .....	.6	1.8				<b>PUERTO RICO</b>		
			Des Moines .....	1.3	4.0	<b>NEW MEXICO</b>			Mayaguez .....	1.5	2.3
<b>CALIFORNIA</b>						Albuquerque .....	4.0	6.9	Ponce .....	2.8	3.9
Anaheim-S. Ana—			<b>KANSAS</b>						San Juan .....	9.3	13.4
Garden Grove .....	16.2	37.3	Wichita .....	2.0	5.3	<b>NEW YORK</b>					
Fresno .....	6.4	10.4				Albany—			<b>RHODE ISLAND</b>		
Los Angeles—Long			<b>KENTUCKY</b>			Schenectady—			Providence—		
Beach .....	98.9	169.3	Louisville .....	4.7	22.0	Troy .....	7.4	15.3	Warwick .....	15.2	34.6
Riverside—San						Binghamton .....	1.9	4.9	Pawtucket .....		
Bernardino—			<b>LOUISIANA</b>			Buffalo .....	18.8	34.7			
Ontario .....	12.1	24.3	Baton Rouge .....	3.6	5.3	New York City			<b>SOUTH CAROLINA</b>		
Sacramento .....	13.2	18.0	New Orleans .....	8.1	12.2	Combined Areas..	166.4	261.4	Charleston .....	2.3	5.4
San Diego .....	21.1	32.0	Shreveport .....	2.7	4.8	(a) N.Y. City			Greenville—		
San Francisco—						plus Rockland,			Spartanburg .....	2.2	15.4
Oakland .....	46.5	73.4	<b>MAINE</b>			Putnam, and					
San Jose .....	15.2	30.4	Portland .....	1.3	2.6	Westchester Cos..	136.0	209.1	<b>TENNESSEE</b>		
Stockton .....	4.4	8.1				(b) Nassau—			Chattanooga .....	2.3	8.0
			<b>MARYLAND</b>			Suffolk .....	30.4	52.3	Knoxville .....	2.7	8.5
<b>COLORADO</b>			Baltimore .....	14.5	46.8	Rochester .....	8.9	23.6	Memphis .....	4.5	17.0
Denver—Boulder	4.6	13.2				Syracuse .....	5.2	16.4	Nashville—		
			<b>MASSACHUSETTS</b>			Utica—Rome .....	3.7	8.2	Davidson .....	2.6	13.7
			Boston .....	43.8	67.4						
<b>CONNECTICUT</b>			Brockton .....	3.6	5.2	<b>NORTH CAROLINA</b>			<b>TEXAS</b>		
Bridgeport .....	7.1	13.4	Fall River .....	3.8	7.7	Asheville .....	.9	5.1	Austin .....	.9	2.6
Hartford .....	7.5	15.1	Lawrence—			Charlotte—			Beaumont—		
New Britain .....	1.8	4.6	Haverhill .....	4.6	9.0	Gastonia .....	1.4	18.9	Port Arthur—		
New Haven—			Lowell .....	3.7	7.0	Greensboro—			Orange .....	2.0	4.4
West Haven .....	5.6	10.2	New Bedford .....	3.4	7.4	Winston-Salem—			Corpus Christi	1.2	2.5
Stamford .....	2.2	3.9	Springfield—			High Point .....	2.8	15.8	Dallas .....	5.3	18.3
Waterbury .....	3.1	8.1	Chicopee—			Raleigh—Durham ..	.8	4.8	El Paso .....	2.2	5.2
			Holyoke .....	8.2	15.8				Fort Worth .....	3.3	7.3
<b>DELAWARE</b>			Worcester .....	4.7	9.0	<b>OHIO</b>			Houston .....	4.2	9.9
Wilmington .....	5.3	11.7				Akron .....	4.5	15.2	San Antonio .....	3.4	8.3
			<b>MICHIGAN</b>			Canton .....	2.2	8.2	<b>UTAH</b>		
<b>DIST. OF COL.</b>			Battle Creek .....	2.8	5.9	Cincinnati .....	7.0	18.2	Salt Lake City—		
Washington .....	14.8	30.3	Detroit .....	71.9	120.2	Cleveland .....	11.5	34.0	Ogden .....	4.2	9.2
			Flint .....	15.4	16.3	Columbus .....	5.0	14.9	<b>VIRGINIA</b>		
			Grand Rapids .....	7.2	15.7	Dayton .....	7.5	16.5	Newport News—		
<b>FLORIDA</b>			Kalamazoo—			Hamilton—			Hampton .....	.9	4.1
Jacksonville .....	2.1	6.0	Portage .....	2.3	6.1	Middletown .....	2.2	7.6	Norfolk—		
Miami .....	12.4	34.1	Lansing—East			Lorain—			Virginia Beach—		
Tampa—St.			Lansing .....	7.9	12.4	Elyria .....	1.5	4.5	Portsmouth .....	1.8	6.3
Petersburg .....	5.1	19.7	Muskegon—			Steubenville—			Richmond .....	1.1	7.1
			Muskegon—			Weirton .....	.7	2.5	Roanoke .....	.4	4.4
<b>GEORGIA</b>			Heights .....	3.2	6.5	Toledo .....	6.0	16.2			
Atlanta .....	8.0	32.0	Saginaw .....	3.7	5.6	Youngstown—			<b>WASHINGTON</b>		
Augusta .....	1.7	5.7				Warren .....	5.2	14.2	Seattle .....	25.2	34.5
Columbus .....	1.3	4.1	<b>MINNESOTA</b>						Spokane .....	4.5	7.5
Macon .....	1.2	3.9	Duluth—			<b>OKLAHOMA</b>			Tacoma .....	6.6	9.4
Savannah .....	.7	3.9	Superior .....	2.5	3.5	Oklahoma City .....	4.1	8.9			
			Minneapolis—			Tulsa .....	2.6	5.5	<b>WEST VIRGINIA</b>		
<b>HAWAII</b>			St. Paul .....	14.5	35.3				Charleston .....	1.1	3.1
Honolulu .....	11.1	11.7				<b>OREGON</b>			Huntington—		
			<b>MISSISSIPPI</b>			Portland .....	13.6	25.9	Ashland .....	1.7	4.2
			Jackson .....	.6	2.6				Wheeling .....	2.0	4.8
<b>ILLINOIS</b>						<b>PENNSYLVANIA</b>					
Chicago .....	48.2	138.3	<b>MISSOURI</b>			Allentown—			<b>WISCONSIN</b>		
Davenport—Rock			Kansas City .....	11.2	24.5	Bethlehem—			Kenosha .....	.7	2.0
Island—			St. Louis .....	23.7	54.5	Easton .....	5.5	17.8	Madison .....	2.8	6.0
Moline .....	1.2	4.3				Altoona .....	1.9	3.8	Milwaukee .....	9.1	33.9
Peoria .....	2.2	3.7	<b>NEBRASKA</b>			Erie .....	2.1	7.3	Racine .....	.9	3.1
Rockford .....	5.1	7.2	Omaha .....	3.9	8.5	Harrisburg .....	3.1	8.9			
						Johnstown .....	2.9	6.1			
<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			Lancaster .....	1.8	9.2			
Evansville .....	1.6	4.9	Manchester .....	1.0	3.7						
Ft. Wayne .....	1.8	11.2									

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

\* Information not available.

**Revised seasonally adjusted real earnings series of production or nonsupervisory workers on private nonagricultural payrolls**

New seasonal adjustment factors for the Consumer Price Index have been derived reflecting experience through March 1975. Series which use the seasonally adjusted CPI in their computation have been revised back to January 1970, the beginning of the CPI revision. The revised seasonally adjusted historical series for weekly earnings, spendable earnings for a worker with three dependents, average hourly earnings, and the index of average hourly earnings for production or nonsupervisory workers in the total private economy in 1967 dollars are presented below. Tables affected by this revision are: C-13 through C-17.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Gross average weekly earnings in 1967 dollars</b>												
1970.....	103.15	103.28	103.22	102.70	102.29	102.50	103.10	103.54	102.15	102.21	102.43	102.80
1971.....	103.47	103.98	104.10	104.65	104.47	104.58	104.01	105.23	104.87	105.86	106.21	106.68
1972.....	107.28	107.16	108.01	108.93	108.02	108.43	108.82	108.99	109.45	110.56	110.21	109.84
1973.....	109.58	109.52	109.47	109.80	109.22	109.38	109.88	108.25	109.09	108.15	108.07	107.90
1974.....	106.14	106.01	105.17	104.47	105.20	105.24	104.86	104.65	104.65	104.16	102.31	102.78
1975.....	101.56	101.13										
<b>Spendable weekly earnings—worker with 3 dependents in 1967 dollars</b>												
1970.....	90.53	90.56	90.48	90.02	89.65	89.79	90.23	90.57	89.42	89.42	89.55	89.80
1971.....	91.68	92.06	92.14	92.54	92.35	92.39	91.91	92.84	92.56	93.32	93.57	93.89
1972.....	95.72	95.57	96.24	96.94	96.19	96.49	96.76	96.87	97.19	98.03	97.72	97.39
1973.....	96.42	96.32	96.17	96.34	95.83	95.89	96.23	94.78	95.40	94.58	94.43	94.22
1974.....	92.75	92.52	91.77	91.16	91.62	91.55	91.18	90.90	90.78	90.31	88.79	89.08
1975.....	88.08	87.69										
<b>Average hourly earnings in 1967 dollars</b>												
1970.....	2.76	2.76	2.77	2.76	2.76	2.76	2.77	2.79	2.78	2.77	2.78	2.78
1971.....	2.80	2.81	2.82	2.83	2.83	2.83	2.83	2.84	2.85	2.86	2.86	2.88
1972.....	2.89	2.89	2.91	2.93	2.92	2.92	2.93	2.94	2.94	2.96	2.96	2.97
1973.....	2.96	2.95	2.95	2.95	2.94	2.95	2.96	2.93	2.94	2.93	2.93	2.92
1974.....	2.89	2.88	2.87	2.85	2.87	2.87	2.86	2.85	2.85	2.85	2.83	2.82
1975.....	2.81	2.81										
<b>Index of average hourly earnings,<sup>1</sup> in 1967 dollars</b>												
1970.....	103.2	103.3	103.5	103.2	103.4	103.5	103.9	104.6	104.6	104.3	104.5	104.5
1971.....	105.1	105.8	106.0	106.2	106.4	106.4	106.6	107.1	107.3	107.4	107.3	108.3
1972.....	108.8	108.8	109.2	109.8	109.6	109.8	109.8	110.1	110.3	110.9	110.9	111.4
1973.....	111.2	110.8	110.5	110.4	110.1	110.4	110.6	109.4	110.0	109.6	109.3	109.1
1974.....	108.3	107.8	107.4	107.2	107.3	107.8	107.2	107.0	106.9	106.7	106.3	106.2
1975.....	106.1	106.3										

<sup>1</sup> Adjusted for overtime (manufacturing only) and interindustry employment shifts.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

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

**Unemployment Insurance Data (E tables)**

**Seasonal Adjustment**

# Introduction

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

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

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

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

## RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey

whereas detailed industrial classifications can be reliably derived only from establishment reports.

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

### Employment

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

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

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

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

### Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by

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

## COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

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

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

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

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

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

## Household data

(A tables)

### COLLECTION AND COVERAGE

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

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

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

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

Each month, 47,000 occupied units are designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next, and one-half to be common with the same month a year ago.

## CONCEPTS

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

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

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

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

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

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

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

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

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

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

*Participation rates* represent the proportion of the non-institutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

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

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

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population.



Information on the detailed categories included in these groups is available upon request.

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

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

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

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

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

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

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

*White and Negro and other races* are terms used to describe the color or race of workers. The Negro and other races

category, which in the past had been identified as "nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhite. Tables in this volume which contain these data utilize the word "color" to so indicate. The term "Negro" is used in tables when the relevant data are provided for Negroes exclusively.

*Spanish origin* refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American or other Spanish origin or descent. According to the 1970 Census, approximately 98 percent of their population is white.

*Major activity: going to school* and *major activity: other* are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-6 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

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

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

*Nonveterans* are males who never served in the Armed Forces.

*Poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

## HISTORIC COMPARABILITY

### Raised lower age limit

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

duration of unemployment, and self-employment in order to increase their reliability.

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

### Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relative unaffected; (2) beginning 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and Negro and other races groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the Negro and other races population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the Negro and other races labor force rose by about 210,000. Unemployment levels and rates were not affected significantly.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20-24 year-old males—particularly those of Negro and other races—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

### Changes in occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census

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

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

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot be made between 1972 and earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

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

### ESTIMATING METHODS

Under the estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample

areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and color. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and color (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and color. The actual percent change over time in the population in any age group is preserved.

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.

**Table A. Average standard error of major employment status categories**

[In thousands]

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

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of

**Table B. Standard error of level of monthly estimates**

[In thousands]

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
10 .....	4	4	6	4	6	4
50 .....	9	9	11	9	11	9
100 .....	12	12	16	12	16	12
250 .....	20	17	25	17	25	17
500 .....	30	25	34	25	34	25
1,000 .....	40	35	50	35	50	35
2,500 .....	60	40	75	40	75	40
5,000 .....	85	45	90	—	90	—
10,000 .....	115	—	115	—	115	—
20,000 .....	150	—	125	—	125	—
30,000 .....	170	—	—	—	—	—
40,000 .....	180	—	—	—	—	—

all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

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

**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. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000. Table E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

**Table D. Standard error of percentage**

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

**Table E. Standard error of percentage for major unemployment rates**

Selected categories	Monthly level	Consecutive month change
Total (all civilian workers)	.09	.11
Men, 20 years and over	.10	.12
Women, 20 years and over	.16	.19
Both sexes, 16-19 years	.50	.64
White workers	.09	.11
Negro (and other races) workers	.36	.45
Household heads	.09	.11
Married men	.09	.11
Full-time workers	.09	.11
Part-time workers	.32	.40
Unemployed 15 weeks and over	.04	.05
Labor force time lost	.10	.12
OCCUPATION		
White-collar workers	.11	.13
Professional and technical	.18	.22
Managers and administrators except farm	.14	.18
Sales workers	.34	.42
Clerical workers	.21	.25
Blue-collar workers	.16	.20
Craft and kindred workers	.23	.28
Operatives	.24	.30
Nonfarm laborers	.52	.65
Service workers	.27	.34
Farm workers	.37	.45
INDUSTRY		
Nonagricultural private wage and salary workers	.11	.13
Construction	.52	.66
Manufacturing	.18	.22
Durable goods	.21	.26
Nondurable goods	.30	.37
Transportation and public utilities	.33	.40
Wholesale and retail trade	.24	.30
Finance and service industries	.20	.24
Government wage and salary workers	.18	.22
Agricultural wage and salary workers	.97	1.23

# Establishment data

(B, C, and D tables)

## 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 Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and manhours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

## 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 been paid during the period.

## Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

*Production and related workers* include working foreman and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

*Construction workers* include the following employees in the contract construction division: Working foremen, journeymen, mechanic's apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

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

*Payroll* covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for

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

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

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

#### Gross average hourly and weekly earnings

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

#### Average weekly hours

The workweek information relates to the average hours for which pay was received and is different from standard or

scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

#### Average overtime hours

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

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

#### Hours and earnings for total private nonagricultural industries

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

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

#### Railroad hours and earnings

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

#### Spendable average weekly earnings

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

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

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

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

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

#### **Average hourly earnings excluding overtime**

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

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

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The man-hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-hour and payroll aggregates are the sum of the component aggregates.

#### **Indexes of diffusion of changes in number of employees on nonagricultural payroll**

These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all non-agricultural payroll employment in the private sector. A more

detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December, 1974 issue of *Employment and Earnings*.

#### **Labor turnover**

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

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

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

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

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

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

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

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

#### **Relationship of labor turnover to employment series**

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

## ESTIMATING METHODS

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

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current

month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table F, Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

**Table F. Summary of methods for computing industry statistics on employment, hours, and labor turnover**

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



## Size and regional stratification

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

## Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1973 levels. Normally, benchmark adjustments are made annually.

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

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions due to the March 1973 benchmark adjustment is shown in table G.

**Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1973**

Industry division	1973
Total .....	98.4
Mining .....	96.5
Contract construction .....	90.4
Manufacturing .....	98.9
Transportation and public utilities .....	99.3
Wholesale and retail trade .....	97.8
Finance, insurance, and real estate .....	99.5
Services .....	99.1
Government .....	99.5

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

## THE SAMPLE

### Design

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

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

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

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table H 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

**Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1973<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	157,500	30,648,000	41
Mining .....	2,200	310,000	50
Contract construction .....	16,100	720,000	20
Manufacturing .....	46,900	11,860,000	60
Transportation and public utilities:			
Railroad transportation (ICC) .....	93	526,000	94
Other transportation and public utilities .....	7,100	2,860,000	54
Wholesale and retail trade .....	38,500	3,002,000	18
Finance, insurance, and real estate .....	9,900	1,483,000	37
Services .....	23,100	2,670,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,300	1,524,000	100
State and local .....	10,300	5,693,000	51

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

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,300 reports covering about 54 percent of employment in Federal establishments.

from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

**Table I. Approximate size and coverage of BLS labor turnover sample, March 1973**

Industry	Employees	
	Number reported	Percent of total
Total .....	11,278,000	54
Manufacturing .....	10,386,000	53
Metal mining .....	64,000	72
Coal mining .....	58,000	40
Communication:		
Telephone .....	754,000	78
Telegraph .....	16,000	63

**Reliability of the employment estimates**

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months to remove this accumulated error, the estimates are usually adjusted

annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Improvements brought about by the most recent expansion in unemployment insurance coverage were the major cause of differences in the March 1973 benchmark adjustments. (See article by Carol M. Utter, BLS Establishment Estimates Revised to March 1973 Benchmark Levels, in the December 1974 issue.) Table J presents the average percent revisions of the six most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

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

**Table J. Average benchmark percent revision in employment estimates and relative errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

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

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

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

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

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

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

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 6 years) of differences between final estimates and benchmarks are presented in table K.

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

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

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

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

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

Size of employment estimate	Root mean square error of	
	Monthly level	Month to month change
50,000 .....	700	700
100,000 .....	900	900
200,000 .....	1,600	1,400
500,000 .....	2,700	2,600
1,000,000 .....	4,800	4,600
2,000,000 .....	9,000	8,700
10,000,000 .....	24,000	20,200
Total nonagricultural employment .....	102,000	89,000
Mining .....	5,000	4,000
Contract construction .....	20,000	21,000
Manufacturing .....	45,000	42,000
Transportation and public utilities .....	13,000	12,000
Wholesale and retail trade .....	35,000	30,000
Finance, insurance, and real estate .....	7,000	7,000
Services .....	29,000	24,000
Government .....	46,000	40,000

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

## Unemployment insurance data (E tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid

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

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

Because of differences in State laws and procedures under

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

## Seasonal adjustment

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

The seasonal adjustment methods used for these series are 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 two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted by the Census X-11 Method. For each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four age-sex groups (male and female workers, 16-19 years and 20 years and over) are separately adjusted for seasonal variation and 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 for all civilian workers is derived by dividing the figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the civilian labor force (the sum of 12 seasonally adjusted age-sex components). Other series, such as unemployment by duration or employment by major occupational groups, are independently adjusted.

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. Once each year (in January), these factors are revised in the light of the previous years' experience. Revised seasonally adjusted series for major components of the labor force based on data through December 1974, plus a short description of the methodology,

are published in the February 1976 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, the seasonally adjusted series on hours and hourly earnings, for industry groupings are computed by applying factors directly to the corresponding unadjusted series, utilizing the BLS Seasonal Factor Method. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or non-supervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and non-durable goods the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

Labor turnover rates are seasonally adjusted by applying appropriate seasonal factors to the rate. These factors are derived by the Census X-11 method using the trading day option. As a result these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through August 1974. Seasonal factors to be used for current adjustment appear in the December 1974 issue of *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods*, BLS Bulletin 1711.