

News

United States
Department
of Labor



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USDL 78-511
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EMBARGOED UNTIL 9:00 A. M. (EDT), FRIDAY,
JUNE 2, 1978

THE EMPLOYMENT SITUATION: MAY 1978

Employment continued to rise in May and unemployment edged up slightly, as the Nation's labor force surpassed the 100 million mark, the Bureau of Labor Statistics of the U. S. Department of Labor reported today. The unemployment rate was 6.1 percent; it has shown little movement since February, following more than a year of fairly steady declines.

Total employment--as measured by the monthly survey of households--was 94.1 million in May, up 310,000 over the month. Over the past year, total employment has grown by 3.6 million.

Nonfarm payroll employment--as measured by the monthly survey of establishments--advanced by 175,000 to 85.3 million. Payroll jobs have grown by 3.5 million since May 1977.

Unemployment

The number of persons unemployed in May was up slightly from the previous month, returning to the 6.1 million level that had prevailed in February and March. The unemployment rate, at 6.1 percent in May, has been in the 6.0-6.2 percent range over the past 4 months, after falling gradually throughout most of 1977 and into 1978. The rate had been 7.8 percent at the end of 1976.

The unemployment rate for adult males (4.2 percent) was unchanged from April to May, as a sharp drop in joblessness among 20-24 year-olds was countered by an increase among men 25-54 years. The rate among women in this central age group also increased over the month, as did the rate among married women. The jobless rate for all adult women reached 6.3 percent in May, up from 5.8 percent in April. The unemployment rate for teenagers has been inching down in the past few months and stood at 16.5 percent in May. Unemployment rates for both black and white workers, at 12.3 and 5.2 percent, respectively, were about unchanged over the month. (See tables A-2 and A-6.)

Jobless rates among white-collar and service workers held fairly steady in May at levels that have generally prevailed since the beginning of the year. The unemployment rate for blue-collar workers, which has improved slightly in 1978, was unchanged in May, as a decrease among

nonfarm laborers was offset by an increase among operatives. (See table A-2.)

Total Employment and the Labor Force

The growth in the number of employed persons continued in May, increasing by 310,000 and pushing total employment up to 94.1 million. Over the past year, total employment has risen by 3.6 million (after adjusting for changes in the survey introduced in January). All of the major age-sex groups shared in this over-the-year expansion, with adult men and women posting similar gains. (See table A-1.)

The employment-population ratio--the proportion of total noninstitutional population 16 years and over that is employed--also sustained its recent steady rise, reaching an all-time high of 58.6 percent in May.

Table A. Major indicators of labor market activity, seasonally adjusted

Selected categories	Quarterly averages					Monthly data		
	1977				1978	1978		
	I	II	III	IV	I	Mar.	Apr.	May
HOUSEHOLD DATA								
Thousands of persons								
Civilian labor force	96,221	97,153	97,559	98,622	99,205	99,414	99,784	100,261
Total employment	89,059	90,264	90,823	92,069	93,050	93,266	93,801	94,112
Unemployment	7,161	6,889	6,736	6,554	6,155	6,148	5,983	6,149
Not in labor force	59,225	58,941	59,205	58,777	58,799	58,776	58,602	58,340
Discouraged workers	942	1,062	1,067	969	903	N.A.	N.A.	N.A.
Percent of labor force								
Unemployment rates:								
All workers	7.4	7.1	6.9	6.6	6.2	6.2	6.0	6.1
Adult men	5.7	5.2	5.0	4.8	4.6	4.5	4.2	4.2
Adult women	7.1	7.0	7.0	6.8	5.9	5.8	5.8	6.3
Teenagers	18.6	18.1	17.6	16.7	16.9	17.3	16.9	16.5
White	6.7	6.3	6.1	5.8	5.4	5.3	5.2	5.2
Black and other	12.9	12.8	13.6	13.3	12.3	12.4	11.8	12.3
Full-time workers	6.9	6.6	6.5	6.2	5.7	5.6	5.4	5.6
Thousands of jobs								
ESTABLISHMENT DATA								
Nonfarm payroll employment ...	80,925	81,871	82,548	83,192	84,107	84,555	85,170 _p	85,345 _p
Goods-producing industries ...	23,788	24,265	24,359	24,497	24,757	24,945	25,331 _p	25,382 _p
Service-producing industries ...	57,137	57,606	58,189	58,695	59,350	59,610	59,839 _p	59,963 _p
Hours of work								
Average weekly hours:								
Total private nonfarm	36.1	36.2	36.0	36.2	35.9	36.2	36.3 _p	36.0 _p
Manufacturing	40.1	40.4	40.3	40.5	40.0	40.6	40.7 _p	40.3 _p
Manufacturing overtime	3.3	3.4	3.3	3.5	3.7	3.7	3.6 _p	3.5 _p

p=preliminary.

N.A.=not available.

The civilian labor force passed the 100 million milestone in May, as a result of an over-the-month surge of nearly half a million workers. Increases were pervasive among major demographic groups, with large gains posted by both black and white workers.

The overall labor force participation rate also reached a record high, 63.2 percent. The percentage of the civilian working age population participating in the labor force has been rising rapidly in recent years, paced by the strong growth of adult women and teenagers.

Industry Payroll Employment

Following substantially larger over-the-month increases in March and April, nonagricultural payroll employment rose by 175,000 in May to 85.3 million. Most of the major industry divisions posted modest gains, as employment increased in 56 percent of the 172 industries that comprise the BLS diffusion index of private nonagricultural payrolls. Total nonfarm payroll employment has risen 3.5 million since May 1977. (See tables B-1 and B-6.)

In the goods-producing sector, manufacturing employment edged up by 25,000 over the month. Machinery was the largest gainer among the manufacturing industries, while the only notable decline was in food processing. Employment in contract construction rose by 20,000; this followed 2 straight months of unusually sharp expansion in the industry. Over the year, employment in contract construction has risen by nearly 400,000 to a new high of 4.2 million. In the service-producing industries, job gains occurred over the month in trade (55,000), services (35,000), and finance, insurance, and real estate (25,000).

Hours

The average workweek for production or nonsupervisory workers on private nonagricultural payrolls decreased 0.3 hour in May to 36.0 hours. This was also 0.3 hour below the year-earlier level. Almost all of the major industry groups posted declines over the month. The manufacturing workweek was down 0.4 hour, but factory overtime, at 3.5 hours, was little changed from the April level. After 3 months of strong gains, the workweek in contract construction receded 0.9 hour in May. (See table B-2.)

Because of the decline in hours, coupled with only modest employment growth, the index of aggregate weekly hours of production or nonsupervisory workers on nonagricultural payrolls fell by 0.5 percent in May to 119.8 (1967=100). The index was 3.4 percent above the year-ago level. (See table B-5.)

Hourly and Weekly Earnings

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls edged up from the April level, but, because of the decline in the average workweek, average weekly earnings were down slightly over the month. Since last May, average hourly and weekly earnings have risen 8.5 and 7.6 percent, respectively.

Before adjustment for seasonality, average hourly earnings were \$5.63, up 2 cents from April and 44 cents from a year earlier. Average weekly earnings fell by 41 cents over the month to \$201.55 but have risen \$14.19 since last May. (See table B-3.)

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 212.6 (1967=100) in May, 0.3 percent higher than in April. The index was 8.2 percent above May a year ago. During the 12-month period ended in April, the Hourly Earnings Index in dollars of constant purchasing power rose 1.7 percent. (See table B-4.)

Explanatory Note

This release presents and analyzes statistics from two major surveys. Data on labor force, total employment, and unemployment (A tables) are derived from the Current Population Survey—a sample survey of households which is conducted by the Bureau of the Census for the Bureau of Labor Statistics. Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the 47,000 national household sample in January 1978; thus the sample now consists of about 56,000 households selected to represent the U.S. civilian noninstitutional population 16 years and over.

Statistics on nonagricultural payroll employment, hours, and earnings (B tables) are collected by the Bureau of Labor Statistics, in cooperation with State agencies, from payroll records of a sample of approximately 165,000 establishments. Unless otherwise indicated, data for both statistical series relate to the week containing the 12th day of the specified month.

Comparability of household and payroll employment statistics

Employment data from the household and payroll surveys differ in several basic respects. The household survey provides information on the labor force activity of the entire civilian noninstitutional population, 16 years of age and over, without duplication. Each person is classified as either employed, unemployed, or not in the labor force. The household survey counts employed persons in both agriculture and nonagricultural industries and, in addition to wage and salary workers (including private household workers), counts the self-employed, unpaid family workers, and persons "with a job but not at work" and not paid for the period absent.

The payroll survey relates only to paid wage and salary employees (regardless of age) on the payrolls of nonagricultural establishments. Persons who worked at more than one job during the survey week or otherwise appear on more than one payroll are counted more than once in the establishment survey. Such persons are counted only once in the household survey and are classified in the job at which they worked the greatest number of hours.

Unemployment

To be classified in the household survey as unemployed an individual must: (1) Have been without a

job during the survey week; (2) have made specific efforts to find employment sometime during the prior 4 weeks; and (3) be presently available for work. In addition, persons on layoff and those waiting to begin a new job (within 30 days), neither of whom must meet the jobseeking requirements, are also classified as unemployed. The unemployed total includes all persons who satisfactorily meet the above criteria, regardless of their eligibility for unemployment insurance benefits or any kind of public assistance. The unemployment rate represents the unemployed as a proportion of the civilian labor force (the employed and unemployed combined).

The Bureau regularly publishes a wide variety of labor market measures. See, for example, the demographic, occupational, and industry detail in tables A-2 and A-3 of this release and the comprehensive data package in Employment and Earnings each month. A special grouping of seven unemployment measures is set forth in table A-7. Identified by the symbols U-1 through U-7, these measures represent a range of possible definitions of unemployment and of the labor force—from the most restrictive (U-1) to the most comprehensive (U-7). The official rate of unemployment appears as U-5.

Seasonal adjustment

Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are repeated more or less regularly each year—changes in weather, opening and closing of schools, major holidays, industry production schedules, etc. The cumulative effects of these events are often large. For example, on average over the year, they explain about 95 percent of the month-to-month variance in the unemployment figures. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally-adjusted data to interpret short-term economic developments. At the beginning of each year, seasonal adjustment factors for unemployment and other labor force series are calculated for use during the entire year, taking into account the prior year's experience, and revised seasonally-adjusted data are introduced in the release containing January data.

All seasonally-adjusted civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unem-

ployment (the sum of four seasonally-adjusted age-sex components) by the civilian labor force (the sum of 12 seasonally-adjusted age-sex components).

For establishment data, the seasonally-adjusted series for all employees, production workers, average weekly hours, and average hourly earnings are adjusted by aggregating the seasonally-adjusted data from the respective component series. These data are also revised annually, often in conjunction with benchmark (comprehensive counts of employment) adjustments. (The most recent revision of seasonally-adjusted data was based on data through August 1977.)

Sampling variability

Both the household and establishment survey statistics are subject to sampling error, which should be taken into account in evaluating the levels of a series as well as changes over time. Because the household survey is based upon a probability sample, the results may differ from the figures that would be obtained if it were possible to take a complete census using the same questionnaires and procedures. The standard error is the measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The chances are about 68 out of 100 that an estimate from the survey differs from a figure that would be obtained through a complete census by less than the standard error. Tables A through H in the "Explanatory Notes" of Employment and Earnings provide approximations of the standard errors for unemployment and other labor force categories. To obtain a 90-percent level of confidence, the confidence interval generally used by BLS, the errors should be multiplied by 1.6. The following examples provide an indication of the magnitude of sampling error: For a monthly change in total em-

ployment, the standard error is on the order of plus or minus 182,000. Similarly, the standard error on a change in total unemployment is approximately 115,000. The standard error on a change in the national unemployment rate is 0.12 percentage point.

Although the relatively large size of the monthly establishment survey assures a high degree of accuracy, the estimates derived from it also may differ from the figures obtained if a complete census using the same schedules and procedures were possible. However, since the estimating procedures utilize the previous month's level as the base in computing the current month's level of employment (link-relative technique), sampling and response errors may accumulate over several months. To remove this accumulated error, the employment estimates are adjusted to new benchmarks (comprehensive counts of employment), usually on an annual basis. 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. Employment estimates are currently projected from March 1974 levels, plus an interim benchmark adjustment based on December 1975 levels.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The RMSE is the standard deviation adjusted for the bias in estimates. If the bias is small, the chances are about 68 out of 100 that an estimate from the sample would differ from its benchmark by less than the RMSE. For total nonagricultural employment, the RMSE is on the order of plus or minus 81,000. Measures of reliability (approximations of the RMSE) for establishment-survey data and actual amounts of revision due to benchmark adjustments are provided in tables J through O in the "Explanatory Notes" of Employment and Earnings.

HOUSEHOLD DATA

NOTE: Household survey data for periods prior to January 1978 shown in tables A-1 through A-7 are not strictly comparable with current data because of the introduction of an expansion in the sample and revisions in the estimation procedures. As a result, the overall civilian labor force and employment totals in January were raised by roughly a quarter of a million; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978," *Employment and Earnings*, February 1978 Vol. 26 No. 2

HOUSEHOLD DATA

Table A-1. Employment status of the noninstitutional population

[Numbers in thousands]

Employment status	Not seasonally adjusted			Seasonally adjusted					
	May 1977	Apr. 1978	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
TOTAL									
Total noninstitutional population ¹	158,228	160,504	160,713	158,228	159,937	160,128	160,313	160,504	160,713
Armed Forces ¹	2,128	2,118	2,113	2,128	2,121	2,122	2,122	2,118	2,113
Civilian noninstitutional population ¹	156,101	158,386	158,601	156,101	157,816	158,004	158,190	158,386	158,601
Civilian labor force	96,193	98,866	99,309	97,161	99,107	99,093	99,414	99,784	100,261
Participation rate	61.6	62.4	62.6	62.2	62.8	62.7	62.8	63.0	63.2
Employed	90,042	93,180	93,851	90,267	92,881	93,003	93,266	93,801	94,112
Employment-population ratio ²	56.9	58.1	58.4	57.0	58.1	58.1	58.2	58.4	58.6
Agriculture	3,478	3,151	3,369	3,363	3,354	3,242	3,310	3,275	3,235
Nonagricultural industries	86,564	90,029	90,483	86,932	89,527	89,761	89,956	90,526	90,877
Unemployed	6,151	5,685	5,457	6,894	6,226	6,090	6,148	5,983	6,149
Unemployment rate	6.4	5.8	5.5	7.1	6.3	6.1	6.2	6.0	6.1
Not in labor force	59,907	59,520	59,292	58,940	58,709	58,911	58,776	58,602	58,340
Men, 20 years and over									
Total noninstitutional population ¹	67,324	68,419	68,519	67,324	68,148	68,240	68,327	68,419	68,519
Civilian noninstitutional population ¹	65,641	66,740	66,845	65,641	66,467	66,556	66,645	66,740	66,845
Civilian labor force	52,062	53,003	53,225	52,273	53,153	53,142	53,242	53,263	53,414
Participation rate	79.3	79.4	79.6	79.6	80.0	79.8	79.9	79.8	79.9
Employed	49,487	50,725	51,149	49,505	50,673	50,759	50,833	51,038	51,182
Employment-population ratio ²	73.5	74.1	74.6	73.5	74.4	74.4	74.4	74.6	74.7
Agriculture	2,423	2,274	2,393	2,356	2,394	2,283	2,289	2,295	2,328
Nonagricultural industries	47,064	48,451	48,756	47,149	48,279	48,476	48,544	48,743	48,854
Unemployed	2,575	2,278	2,076	2,768	2,480	2,383	2,409	2,225	2,232
Unemployment rate	4.9	4.3	3.9	5.3	4.7	4.5	4.5	4.2	4.2
Not in labor force	13,579	13,737	13,620	13,368	13,314	13,414	13,403	13,477	13,431
Women, 20 years and over									
Total noninstitutional population ¹	74,081	75,300	75,412	74,081	74,991	75,095	75,196	75,300	75,412
Civilian noninstitutional population ¹	73,987	75,198	75,310	73,987	74,892	74,996	75,093	75,198	75,310
Civilian labor force	35,478	37,133	37,025	35,711	36,595	36,654	36,849	37,117	37,264
Participation rate	48.0	49.4	49.2	48.3	48.9	48.9	49.1	49.4	49.5
Employed	33,299	35,083	34,960	33,249	34,348	34,569	34,722	34,948	34,931
Employment-population ratio ²	44.9	46.6	46.4	44.9	45.8	46.0	46.2	46.4	46.3
Agriculture	641	552	590	572	517	604	628	623	527
Nonagricultural industries	32,658	34,531	34,370	32,677	33,831	33,965	34,094	34,325	34,404
Unemployed	2,179	2,050	2,065	2,462	2,247	2,085	2,127	2,169	2,333
Unemployment rate	6.1	5.5	5.6	6.9	6.1	5.7	5.8	5.8	6.3
Not in labor force	38,509	38,065	38,285	38,276	38,297	38,342	38,244	38,081	38,046
Both sexes, 16-19 years									
Total noninstitutional population ¹	16,823	16,785	16,782	16,823	16,798	16,794	16,790	16,785	16,782
Civilian noninstitutional population ¹	16,473	16,449	16,446	16,473	16,457	16,453	16,452	16,449	16,446
Civilian labor force	8,653	8,730	9,059	9,177	9,359	9,297	9,323	9,404	9,583
Participation rate	52.5	53.1	55.1	55.7	56.9	56.5	56.7	57.2	58.3
Employed	7,256	7,372	7,742	7,513	7,860	7,675	7,711	7,815	7,999
Employment-population ratio ²	43.1	43.9	46.1	44.7	46.8	45.7	45.9	46.6	47.7
Agriculture	414	326	385	407	443	355	393	357	380
Nonagricultural industries	6,842	7,047	7,356	7,106	7,417	7,320	7,318	7,458	7,619
Unemployed	1,397	1,357	1,317	1,664	1,499	1,622	1,612	1,589	1,584
Unemployment rate	16.1	15.5	14.5	18.1	16.0	17.4	17.3	16.9	16.5
Not in labor force	7,820	7,719	7,387	7,296	7,098	7,156	7,129	7,045	6,863
WHITE									
Total noninstitutional population ¹	139,089	140,863	141,026	139,089	140,421	140,571	140,714	140,863	141,026
Civilian noninstitutional population ¹	137,337	139,149	139,317	137,337	138,687	138,834	138,997	139,149	139,317
Civilian labor force	85,214	87,198	87,567	85,899	87,425	87,360	87,532	87,945	88,209
Participation rate	62.0	62.7	62.9	62.5	63.0	62.9	63.0	63.2	63.3
Employed	80,373	82,848	83,446	80,512	82,650	82,697	82,880	83,386	83,590
Employment-population ratio ²	57.8	58.8	59.2	57.9	58.9	58.8	58.9	59.2	59.3
Unemployed	4,841	4,351	4,120	5,387	4,775	4,663	4,652	4,559	4,619
Unemployment rate	5.7	5.0	4.7	6.3	5.5	5.3	5.3	5.2	5.2
Not in labor force	52,123	51,951	51,750	51,438	51,262	51,474	51,465	51,204	51,108
BLACK AND OTHER									
Total noninstitutional population ¹	19,140	19,641	19,687	19,140	19,516	19,558	19,599	19,641	19,687
Civilian noninstitutional population ¹	18,763	19,237	19,284	18,763	19,129	19,170	19,194	19,237	19,284
Civilian labor force	10,979	11,667	11,742	11,175	11,725	11,785	11,871	11,816	11,934
Participation rate	58.5	60.6	60.9	59.6	61.3	61.5	61.8	61.4	61.9
Employed	9,669	10,333	10,405	9,732	10,238	10,391	10,402	10,418	10,467
Employment-population ratio ²	50.5	52.6	52.9	50.8	52.5	53.1	53.1	53.0	53.2
Unemployed	1,310	1,335	1,337	1,443	1,487	1,394	1,469	1,398	1,467
Unemployment rate	11.9	11.4	11.4	12.9	12.7	11.8	12.4	11.8	12.3
Not in labor force	7,784	7,569	7,541	7,588	7,404	7,385	7,323	7,421	7,350

¹ The population and Armed Forces figures are not adjusted for seasonal variations; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

² Civilian employment as a percent of the total noninstitutional population (including Armed Forces).

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-2. Major unemployment indicators, seasonally adjusted

Selected categories	Number of unemployed persons (In thousands)		Unemployment rates					
	May 1977	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
CHARACTERISTICS								
Total, 16 years and over	6,894	6,149	7.1	6.3	6.1	6.2	6.0	6.1
Men, 20 years and over	2,768	2,232	5.3	4.7	4.5	4.5	4.2	4.2
Women, 20 years and over	2,462	2,333	6.9	6.1	5.7	5.8	5.8	6.3
Both sexes, 16-19 years	1,664	1,584	18.1	16.0	17.4	17.3	16.9	16.5
White, total	5,387	4,619	6.3	5.5	5.3	5.3	5.2	5.2
Men, 20 years and over	2,221	1,728	4.7	4.0	3.9	4.0	3.6	3.6
Women, 20 years and over	1,848	1,720	6.0	5.5	5.0	4.9	5.1	5.4
Both sexes, 16-19 years	1,318	1,171	15.9	13.7	14.8	14.6	14.6	13.8
Black and other, total	1,443	1,467	12.9	12.7	11.8	12.4	11.8	12.3
Men, 20 years and over	550	505	10.0	9.8	8.6	8.5	8.8	8.8
Women, 20 years and over	556	558	11.6	10.8	10.1	11.4	10.5	10.9
Both sexes, 16-19 years	337	404	38.4	38.7	38.0	39.0	35.3	38.4
Married men, spouse present	1,455	1,137	3.6	2.9	2.9	3.0	2.8	2.9
Married women, spouse present	1,460	1,370	6.5	5.6	5.2	5.1	5.0	5.9
Women who head families	393	449	9.1	7.9	7.6	8.6	10.1	9.3
Full-time workers	5,450	4,750	6.6	5.8	5.7	5.6	5.4	5.6
Part-time workers	1,434	1,398	9.9	8.9	8.6	9.6	9.6	9.2
Unemployed 15 weeks and over ¹	1,869	1,358	1.9	1.7	1.6	1.5	1.4	1.4
Labor force time lost ²	--	--	7.6	6.8	6.6	6.6	6.3	6.6
OCCUPATION³								
White-collar workers	1,987	1,771	4.3	3.6	3.5	3.4	3.5	3.6
Professional and technical	408	350	2.9	2.7	2.5	2.6	2.5	2.4
Managers and administrators, except farm	267	206	2.7	2.5	1.9	2.3	2.0	2.0
Sales workers	331	275	5.5	3.9	4.3	4.3	4.3	4.4
Clerical workers	981	940	5.8	5.0	5.0	4.5	5.1	5.3
Blue-collar workers	2,632	2,233	8.0	7.1	7.1	7.1	6.5	6.6
Craft and kindred workers	702	545	5.6	5.4	5.0	5.1	4.3	4.3
Operatives, except transport	1,044	996	9.1	7.9	8.1	8.0	7.6	8.4
Transport equipment operatives	265	221	7.0	5.4	5.0	5.2	5.2	5.9
Nonfarm laborers	621	471	12.3	11.0	11.5	11.9	10.0	8.7
Service workers	1,192	1,056	8.8	7.6	7.1	7.7	7.7	7.6
Farm workers	133	101	4.4	3.9	4.7	4.7	3.1	3.6
INDUSTRY³								
Nonagricultural private wage and salary workers ⁴	5,051	4,323	7.2	6.2	6.1	6.0	5.9	5.9
Construction	591	450	12.8	11.7	11.5	11.3	9.5	9.2
Manufacturing	1,402	1,234	6.5	5.6	5.7	5.4	5.3	5.6
Durable goods	757	664	5.9	5.2	5.0	4.8	4.4	5.0
Nondurable goods	645	570	7.2	6.1	6.5	6.2	6.5	6.4
Transportation and public utilities	217	205	4.4	4.3	3.2	3.7	3.7	3.8
Wholesale and retail trade	1,498	1,246	8.3	7.1	7.1	7.3	7.2	6.8
Finance and service industries	1,313	1,142	6.5	5.3	5.1	5.1	5.2	5.3
Government workers	636	643	4.0	4.2	3.5	3.7	3.8	4.1
Agricultural wage and salary workers	171	119	11.5	9.0	10.1	10.0	7.7	7.7
VETERAN STATUS								
Male Vietnam-era veterans: ⁵								
20 to 34 years	487	248	7.5	5.7	5.2	5.0	4.5	4.0
20 to 24 years	127	47	13.8	12.9	12.5	13.2	10.7	6.9
25 to 29 years	228	126	8.0	6.1	5.4	4.6	4.5	5.5
30 to 34 years	132	75	4.9	3.5	3.4	3.5	3.1	2.3
Male nonveterans:								
20 to 34 years	1,143	977	7.3	7.1	6.7	6.9	6.5	5.9
20 to 24 years	701	552	10.3	10.1	9.7	9.5	8.8	7.7
25 to 29 years	279	275	5.6	5.4	5.0	5.8	6.1	4.8
30 to 34 years	163	150	4.3	4.0	3.8	3.5	2.9	3.9

¹ Unemployment rate calculated as a percent of civilian labor force.² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.³ Unemployment by occupation includes all experienced unemployed persons, whereas that

by industry covers only unemployed wage and salary workers.

⁴ Includes mining, not shown separately.⁵ Vietnam-era veterans are those who served between August 5, 1964, and May 7, 1975.

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Table A-3. Selected employment indicators

[In thousands]

Selected categories	Not seasonally adjusted		Seasonally adjusted					
	May 1977	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
CHARACTERISTICS								
Total employed, 16 years and over	90,042	93,851	90,267	92,881	93,003	93,266	93,801	94,112
Men	53,525	55,312	53,644	54,975	54,897	55,013	55,208	55,446
Women	36,517	38,539	36,623	37,906	38,106	38,253	38,593	38,666
Married men, spouse present	38,470	38,665	38,430	38,645	38,666	38,465	38,628	38,626
Married women, spouse present	20,920	21,694	20,928	21,638	21,738	21,674	21,847	21,694
OCCUPATION								
White-collar workers	44,485	46,726	44,655	46,547	46,555	46,835	46,789	46,895
Professional and technical	13,483	14,356	13,520	14,057	14,016	14,060	14,158	14,399
Managers and administrators, except farm	9,428	9,913	9,449	10,067	10,134	10,169	10,212	9,933
Sales workers	5,661	5,887	5,686	5,913	5,811	5,985	5,861	5,911
Clerical workers	15,913	16,569	16,000	16,510	16,594	16,621	16,558	16,652
Blue-collar workers	30,284	31,513	30,318	30,942	31,198	31,039	31,655	31,544
Craft and kindred workers	11,870	12,206	11,884	12,111	12,220	12,169	12,302	12,218
Operatives, except transport	10,393	10,781	10,455	10,755	10,738	10,766	10,974	10,846
Transport equipment operatives	3,534	3,530	3,537	3,432	3,643	3,541	3,560	3,534
Nonfarm laborers	4,487	4,995	4,442	4,644	4,597	4,563	4,819	4,946
Service workers	12,294	12,804	12,372	12,704	12,703	12,572	12,830	12,883
Farm workers	2,981	2,809	2,861	2,872	2,769	2,788	2,687	2,698
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,325	1,441	1,318	1,387	1,345	1,389	1,408	1,434
Self-employed workers	1,688	1,614	1,646	1,604	1,587	1,527	1,539	1,573
Unpaid family workers	465	314	378	342	314	389	283	255
Nonagricultural industries:								
Wage and salary workers	79,758	83,413	80,353	82,915	83,078	83,124	83,648	84,049
Government	15,196	15,325	15,078	15,267	15,237	15,154	15,305	15,203
Private industries	64,561	68,088	65,275	67,648	67,841	67,970	68,343	68,846
Private households	1,317	1,386	1,324	1,421	1,383	1,293	1,388	1,393
Other industries	63,244	66,702	63,951	66,227	66,458	66,677	66,955	67,453
Self-employed workers	6,219	6,502	6,017	6,259	6,268	6,427	6,467	6,288
Unpaid family workers	587	567	539	439	488	500	506	520
PERSONS AT WORK ¹								
Nonagricultural industries	82,957	86,911	81,666	83,304	84,054	84,285	86,043	85,528
Full-time schedules	67,555	70,648	67,083	68,812	69,215	69,417	70,550	70,157
Part time for economic reasons	3,070	3,043	3,268	2,986	3,193	3,164	3,327	3,243
Usually work full time	1,240	1,182	1,270	1,043	1,128	1,226	1,224	1,211
Usually work part time	1,830	1,861	1,998	1,943	2,065	1,938	2,103	2,032
Part time for noneconomic reasons	12,332	13,220	11,315	11,506	11,646	11,704	12,166	12,128

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

Table A-4. Duration of unemployment

[Numbers in thousands]

Weeks of unemployment	Not seasonally adjusted		Seasonally adjusted					
	May 1977	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
DURATION								
Less than 5 weeks	2,437	2,563	2,789	2,700	2,586	2,820	2,790	2,932
5 to 14 weeks	1,635	1,385	2,128	1,861	1,820	1,877	1,784	1,803
15 weeks and over	2,078	1,510	1,869	1,688	1,568	1,463	1,384	1,358
15 to 26 weeks	959	792	812	864	897	766	716	680
27 weeks and over	1,120	718	1,057	824	671	697	668	678
Average (mean) duration, in weeks	16.4	13.3	14.9	13.1	12.5	12.3	12.3	12.1
Median duration, in weeks	8.1	5.8	7.3	6.6	7.0	6.2	5.8	5.2
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	39.6	47.0	41.1	43.2	43.3	45.8	46.8	48.1
5 to 14 weeks	26.6	25.4	31.4	29.8	30.5	30.5	29.9	29.6
15 weeks and over	33.8	27.7	27.5	27.0	26.2	23.8	23.2	22.3
15 to 26 weeks	15.6	14.5	12.0	13.8	15.0	12.4	12.0	11.2
27 weeks and over	18.2	13.2	15.6	13.2	11.2	11.3	11.2	11.1

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Table A-5. Reasons for unemployment

[Numbers in thousands]

Reasons	Not seasonally adjusted		Seasonally adjusted					
	May 1977	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
NUMBER OF UNEMPLOYED								
Lost last job	2,774	2,322	3,080	2,698	2,540	2,493	2,475	2,577
On layoff	664	565	803	768	709	660	593	683
Other job losers	2,110	1,757	2,277	1,930	1,831	1,833	1,882	1,894
Left last job	758	680	913	856	898	862	872	819
Reentered labor force	1,818	1,643	1,961	1,821	1,796	1,911	1,734	1,772
Seeking first job	801	812	890	914	868	923	925	901
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	45.1	42.6	45.0	42.9	41.6	40.3	41.2	42.5
On layoff	10.8	10.4	11.7	12.2	11.6	10.7	9.9	11.3
Other job losers	34.3	32.2	33.3	30.7	30.0	29.6	31.3	31.2
Job leavers	12.3	12.5	13.3	13.6	14.7	13.9	14.5	13.5
Reentrants	29.6	30.1	28.7	29.0	29.4	30.9	28.9	29.2
New entrants	13.0	14.9	13.0	14.5	14.2	14.9	15.4	14.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	2.9	2.4	3.2	2.7	2.6	2.5	2.5	2.6
Job leavers8	.7	.9	.9	.9	.9	.9	.8
Reentrants	1.9	1.7	2.0	1.8	1.8	1.9	1.7	1.8
New entrants8	.8	.9	.9	.9	.9	.9	.9

Table A-6. Unemployment by sex and age, seasonally adjusted

Sex and age	Number of unemployed persons (in thousands)		Unemployment rates					
	May 1977	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
Total, 16 years and over	6,894	6,149	7.1	6.3	6.1	6.2	6.0	6.1
16 to 19 years	1,664	1,584	18.1	16.0	17.4	17.3	16.9	16.5
16 to 17 years	783	792	20.6	18.2	20.8	20.4	19.9	19.3
18 to 19 years	881	793	16.4	14.5	15.0	15.2	14.4	14.5
20 to 24 years	1,560	1,332	10.9	10.5	10.1	10.3	10.0	9.0
25 years and over	3,628	3,195	4.9	4.2	3.9	4.0	3.9	4.2
25 to 54 years	3,053	2,745	5.2	4.3	4.1	4.2	4.1	4.5
55 years and over	586	467	4.1	3.5	3.3	3.1	3.2	3.2
Men, 16 years and over	3,638	3,001	6.4	5.6	5.6	5.6	5.2	5.1
16 to 19 years	870	769	17.4	14.9	17.2	17.1	16.6	15.3
16 to 17 years	410	406	19.2	17.2	21.1	21.0	19.9	18.4
18 to 19 years	460	364	16.1	13.4	14.3	14.3	13.4	12.9
20 to 24 years	836	632	10.8	10.5	10.3	10.1	9.1	7.9
25 years and over	1,916	1,589	4.3	3.5	3.4	3.5	3.3	3.5
25 to 54 years	1,578	1,297	4.4	3.6	3.4	3.5	3.3	3.6
55 years and over	343	295	3.9	3.2	3.2	3.2	3.3	3.3
Women, 16 years and over	3,256	3,148	8.2	7.3	6.9	7.0	7.0	7.5
16 to 19 years	794	815	19.0	17.4	17.7	17.5	17.2	17.9
16 to 17 years	373	386	22.2	19.5	20.4	19.6	19.9	20.3
18 to 19 years	421	429	16.8	15.8	15.7	16.1	15.6	16.1
20 to 24 years	724	700	11.1	10.5	9.8	10.4	11.0	10.3
25 years and over	1,712	1,606	5.9	5.2	4.7	4.7	4.8	5.3
25 to 54 years	1,475	1,448	6.2	5.5	5.1	5.2	5.2	5.8
55 years and over	243	172	4.4	3.8	3.3	3.0	3.0	3.1

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Table A-7. Range of unemployment measures based on varying definitions of unemployment and the labor force, seasonally adjusted

[Percent]

Measures	Quarterly averages					Monthly data		
	1977				1978	1978		
	I	II	III	IV	I	Mar.	Apr.	May
U-1—Persons unemployed 15 weeks or longer as a percent of the civilian labor force	2.2	1.9	1.9	1.9	1.6	1.5	1.4	1.4
U-2—Job losers as a percent of the civilian labor force	3.4	3.1	3.2	3.0	2.6	2.5	2.5	2.6
U-3—Unemployed persons 25 years and over as a percent of the civilian labor force 25 years and over	5.2	5.0	4.9	4.7	4.0	4.0	3.9	4.2
U-4—Unemployed full-time jobseekers as a percent of the full-time labor force	6.9	6.6	6.5	6.2	5.7	5.6	5.4	5.6
U-5—Total unemployed as a percent of the civilian labor force (official measure)	7.4	7.1	6.9	6.6	6.2	6.2	6.0	6.1
U-6—Total full-time jobseekers plus ½ part-time jobseekers plus ¼ total on part time for economic reasons as a percent of the civilian labor force less ¼ of the part-time labor force	9.0	8.7	8.6	8.2	7.6	7.6	7.5	7.6
U-7—Total full-time jobseekers plus ½ part-time jobseekers plus ¼ total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less ¼ of the part-time labor force	10.0	9.7	9.7	9.2	8.5	N.A.	N.A.	N.A.

N.A. = not available.

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Table A-8. Employment status of the noninstitutional population for ten large States

[Numbers in thousands]

State and employment status	Not seasonally adjusted [*]			Seasonally adjusted					
	May 1977	Apr. 1978	May 1978	May 1977	Jan. 1978	Feb. 1978	Mar. 1978	Apr. 1978	May 1978
California									
Civilian noninstitutional population ¹	15,878	16,175	16,202	15,878	16,099	16,124	16,148	16,175	16,202
Civilian labor force	10,048	10,538	10,559	10,103	10,288	10,422	10,568	10,643	10,615
Employed	9,252	9,777	9,819	9,235	9,584	9,628	9,745	9,862	9,802
Unemployed	795	760	740	868	704	794	823	781	813
Unemployment rate	7.9	7.2	7.0	8.6	6.8	7.6	7.8	7.3	7.7
Florida									
Civilian noninstitutional population ¹	6,339	6,515	6,533	6,339	6,465	6,481	6,498	6,515	6,533
Civilian labor force	3,437	3,669	3,649	(2)	(2)	(2)	(2)	(2)	(2)
Employed	3,157	3,446	3,424	(2)	(2)	(2)	(2)	(2)	(2)
Unemployed	280	223	225	(2)	(2)	(2)	(2)	(2)	(2)
Unemployment rate	8.1	6.1	6.2	(2)	(2)	(2)	(2)	(2)	(2)
Illinois									
Civilian noninstitutional population ¹	8,142	8,205	8,212	8,142	8,189	8,195	8,200	8,205	8,212
Civilian labor force	5,139	5,236	5,275	5,197	5,299	5,262	5,243	5,291	5,347
Employed	4,889	4,950	4,955	4,903	4,943	4,923	4,912	4,977	4,969
Unemployed	249	287	320	294	356	339	331	314	378
Unemployment rate	4.9	5.5	6.1	5.7	6.7	6.4	6.3	5.9	7.1
Massachusetts									
Civilian noninstitutional population ¹	4,288	4,327	4,331	4,288	4,315	4,319	4,323	4,327	4,331
Civilian labor force	2,769	2,794	2,806	(2)	(2)	(2)	(2)	(2)	(2)
Employed	2,585	2,635	2,654	2,593	2,649	2,641	2,657	2,672	2,662
Unemployed	184	160	152	(2)	(2)	(2)	(2)	(2)	(2)
Unemployment rate	6.6	5.7	5.4	(2)	(2)	(2)	(2)	(2)	(2)
Michigan									
Civilian noninstitutional population ¹	6,539	6,609	6,615	6,539	6,590	6,596	6,602	6,609	6,615
Civilian labor force	4,044	4,155	4,154	(2)	(2)	(2)	(2)	(2)	(2)
Employed	3,746	3,881	3,882	(2)	(2)	(2)	(2)	(2)	(2)
Unemployed	297	274	272	312	330	242	229	254	287
Unemployment rate	7.3	6.6	6.6	(2)	(2)	(2)	(2)	(2)	(2)
New Jersey									
Civilian noninstitutional population ¹	5,404	5,453	5,458	5,404	5,439	5,444	5,448	5,453	5,458
Civilian labor force	3,322	3,302	3,343	3,341	3,406	3,356	3,274	3,339	3,363
Employed	3,037	3,064	3,099	3,038	3,175	3,109	3,067	3,093	3,101
Unemployed	285	238	244	303	231	247	207	246	262
Unemployment rate	8.6	7.2	7.3	9.1	6.8	7.4	6.3	7.4	7.8
New York									
Civilian noninstitutional population ¹	13,295	13,324	13,328	13,295	13,317	13,318	13,321	13,324	13,328
Civilian labor force	7,678	7,830	7,764	7,740	7,906	7,826	7,784	7,842	7,815
Employed	6,999	7,245	7,183	6,980	7,278	7,192	7,182	7,239	7,165
Unemployed	680	585	581	760	628	634	602	603	650
Unemployment rate	8.8	7.5	7.5	9.8	7.9	8.1	7.7	7.7	8.3
Ohio									
Civilian noninstitutional population ¹	7,767	7,826	7,832	7,767	7,812	7,816	7,820	7,826	7,832
Civilian labor force	4,757	4,788	4,852	4,787	4,787	4,795	4,787	4,850	4,883
Employed	4,500	4,518	4,606	4,497	4,526	4,541	4,538	4,574	4,603
Unemployed	257	270	247	290	261	254	249	276	280
Unemployment rate	5.4	5.6	5.1	6.1	5.5	5.3	5.2	5.7	5.7
Pennsylvania									
Civilian noninstitutional population ¹	8,804	8,856	8,861	8,804	8,842	8,846	8,850	8,856	8,861
Civilian labor force	5,112	5,207	5,151	5,149	5,166	5,188	5,269	5,248	5,189
Employed	4,785	4,848	4,852	4,786	4,802	4,862	4,899	4,866	4,853
Unemployed	327	359	299	363	364	326	370	382	336
Unemployment rate	6.4	6.9	5.8	7.0	7.0	6.3	7.0	7.3	6.5
Texas									
Civilian noninstitutional population ¹	8,967	9,160	9,179	8,967	9,108	9,125	9,143	9,160	9,179
Civilian labor force	5,703	5,913	5,937	5,767	5,984	5,919	5,990	5,955	6,003
Employed	5,468	5,683	5,690	5,508	5,692	5,612	5,702	5,695	5,730
Unemployed	234	230	247	259	292	307	288	260	273
Unemployment rate	4.1	3.9	4.2	4.5	4.9	5.2	4.8	4.4	4.5

¹ The population figures are not adjusted for seasonal variations; therefore, identical numbers appear in the unadjusted and the seasonally adjusted columns.

^{*} These are the official Bureau of Labor Statistics' estimates used in the administration of Federal fund allocation programs.

² Seasonally-adjusted data are not presented for this series, because the variations that are due to seasonal influences cannot be separated with sufficient precision from those which stem from the trend-cycle and irregular components of the original time series.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls, by industry

[In thousands]

Industry	Not seasonally adjusted				Seasonally adjusted					
	MAY 1977	MAR. 1978	APR. p 1978	MAY p 1978	MAY 1977	JAN. 1978	FEB. 1978	MAR. 1978	APR. 1978 p	MAY p 1978
TOTAL	82,029	83,734	84,867	85,552	81,837	83,719	84,046	84,555	85,170	85,345
GOODS-PRODUCING	24,167	24,361	24,984	25,286	24,264	24,593	24,733	24,945	25,331	25,382
MINING	844	716	887	901	845	705	711	728	996	902
CONTRACT CONSTRUCTION	3,853	3,721	4,061	4,245	3,853	3,916	3,947	4,053	4,226	4,245
MANUFACTURING	19,470	19,924	20,036	20,140	19,566	19,972	20,075	20,164	20,209	20,235
<i>Production workers</i>	14,021	14,341	14,432	14,515	14,102	14,403	14,488	14,556	14,588	14,598
DURABLE GOODS	11,442	11,833	11,928	12,018	11,451	11,828	11,909	11,965	11,986	12,026
<i>Production workers</i>	8,237	8,498	8,578	8,647	8,211	8,512	8,575	8,614	8,632	8,652
Ordnance and accessories	155.2	157.1	156.4	157.1	156	156	157	157	157	158
Lumber and wood products	63.0	650.1	660.8	673.4	638	667	664	670	670	674
Furniture and fixtures	504.1	534.9	532.4	532.3	508	532	537	540	537	536
Stone, clay, and glass products	655.7	661.5	680.5	688.3	653	675	676	680	687	685
Primary metal industries	1,217.8	1,205.1	1,213.8	1,223.9	1,215	1,212	1,217	1,215	1,216	1,221
Fabricated metal products	1,440.1	1,498.7	1,507.8	1,516.8	1,444	1,499	1,515	1,515	1,518	1,521
Machinery, except electrical	2,161.0	2,301.5	2,313.4	2,324.6	2,165	2,265	2,279	2,295	2,311	2,329
Electrical equipment	1,915.1	2,014.3	2,023.7	2,034.2	1,925	1,998	2,017	2,035	2,038	2,044
Transportation equipment	1,811.0	1,850.6	1,873.8	1,895.2	1,797	1,862	1,879	1,885	1,876	1,880
Instruments and related products	525.4	541.5	544.6	547.7	528	539	541	545	548	550
Miscellaneous manufacturing	419.9	418.0	420.7	424.2	422	423	427	428	428	427
NONDURABLE GOODS	8,028	8,091	8,108	8,122	8,115	8,144	8,166	8,199	8,223	8,209
<i>Production workers</i>	5,814	5,843	5,854	5,868	5,891	5,891	5,913	5,942	5,956	5,946
Food and kindred products	1,673.9	1,668.0	1,565.2	1,661.1	1,733	1,728	1,729	1,739	1,742	1,720
Tobacco manufacturers	63.2	65.3	61.9	61.8	72	69	69	70	68	70
Textile mill products	983.5	990.9	989.9	995.7	986	991	995	995	991	998
Apparel and other textile products	1,295.9	1,294.6	1,297.5	1,297.7	1,292	1,289	1,283	1,292	1,301	1,294
Paper and allied products	696.0	707.4	711.8	715.6	701	707	710	714	718	721
Printing and publishing	1,105.4	1,131.2	1,135.1	1,135.7	1,108	1,125	1,129	1,133	1,137	1,138
Chemicals and allied products	1,056.4	1,066.3	1,069.5	1,070.4	1,062	1,066	1,070	1,071	1,074	1,076
Petroleum and coal products	209.8	211.4	213.4	215.3	210	214	217	217	216	215
Rubber and plastics products, nec	673.9	694.1	698.5	701.6	684	693	701	705	712	712
Leather and leather products	269.7	262.1	264.9	267.5	267	262	263	263	264	265
SERVICE-PRODUCING	57,862	59,373	59,883	60,266	57,573	59,126	59,313	59,610	59,839	59,963
TRANSPORTATION AND PUBLIC UTILITIES	4,577	4,630	4,670	4,697	4,586	4,628	4,651	4,672	4,708	4,706
WHOLESALE AND RETAIL TRADE	18,176	18,518	18,720	18,906	18,202	18,744	18,744	18,849	18,876	18,933
WHOLESALE TRADE	4,353	4,495	4,511	4,534	4,379	4,482	4,510	4,540	4,552	4,561
RETAIL TRADE	13,823	14,023	14,209	14,372	13,823	14,262	14,234	14,309	14,324	14,372
FINANCE, INSURANCE, AND REAL ESTATE ..	4,476	4,637	4,673	4,706	4,481	4,630	4,647	4,670	4,687	4,711
SERVICES	15,298	15,748	15,954	16,087	15,197	15,693	15,791	15,875	15,954	15,991
GOVERNMENT	15,345	15,840	15,866	15,870	15,107	15,431	15,480	15,544	15,614	15,622
FEDERAL	2,728	2,725	2,739	2,747	2,725	2,736	2,736	2,736	2,744	2,744
STATE AND LOCAL	12,617	13,115	13,127	13,123	12,382	12,695	12,744	12,808	12,870	12,878

p=preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-2. Average weekly hours of production or nonsupervisory workers,¹ on private nonagricultural payrolls, by industry

Industry	Not seasonally adjusted				Seasonally adjusted					
	MAY 1977	MAR. 1978	APR. ^p 1978	MAY ^p 1978	MAY 1977	JAN. 1978	FEB. 1978	MAR. 1978	APR. ^p 1978	MAY ^p 1978
TOTAL PRIVATE	36.1	35.9	36.0	35.8	36.3	35.6	35.8	36.2	36.3	36.0
MINING	44.1	44.1	43.8	43.7	44.1	43.2	43.6	44.6	44.2	43.7
CONTRACT CONSTRUCTION	37.5	36.4	37.1	36.6	37.4	34.6	35.7	36.8	37.4	36.5
MANUFACTURING	40.3	40.4	40.4	40.3	40.4	39.6	39.9	40.6	40.7	40.3
<i>Overtime hours</i>	3.3	3.4	3.4	3.4	3.4	3.5	3.8	3.7	3.6	3.5
DURABLE GOODS	41.0	41.0	41.0	41.0	41.0	40.2	40.5	41.2	41.2	41.0
<i>Overtime hours</i>	3.5	3.7	3.6	3.6	3.6	3.7	4.0	3.9	3.8	3.7
Ordnance and accessories	41.0	41.2	40.3	40.0	41.1	40.2	37.9	41.1	40.3	40.1
Lumber and wood products	40.3	39.5	40.0	39.7	40.0	39.4	39.4	39.9	40.0	39.4
Furniture and fixtures	38.4	39.4	39.2	39.0	38.7	37.7	39.8	39.7	39.8	39.3
Stone, clay, and glass products	41.8	41.4	42.0	41.9	41.6	40.3	40.9	41.6	42.3	41.7
Primary metal industries	41.5	41.4	41.4	41.4	41.5	41.0	41.5	41.5	41.4	41.4
Fabricated metal products	41.0	41.1	41.2	41.1	41.0	40.3	40.7	41.3	41.5	41.1
Machinery, except electrical	41.4	42.2	41.9	41.7	41.6	40.9	41.7	42.2	42.2	42.0
Electrical equipment	40.1	40.3	40.1	40.1	40.2	39.5	39.6	40.4	40.3	40.2
Transportation equipment	42.8	41.5	41.9	41.9	42.5	41.1	40.6	41.7	41.9	41.6
Instruments and related products	40.3	41.0	40.9	40.6	40.4	39.8	40.3	41.1	41.2	40.7
Miscellaneous manufacturing	39.0	39.3	39.2	39.1	39.0	38.0	38.3	39.2	39.3	39.1
NONDURABLE GOODS	39.3	39.4	39.4	39.3	39.5	38.7	39.1	39.7	39.8	39.4
<i>Overtime hours</i>	3.0	3.1	3.1	3.0	3.2	3.1	3.4	3.3	3.4	3.2
Food and kindred products	39.7	39.4	39.3	39.4	40.0	39.1	39.6	40.0	40.0	39.7
Tobacco manufacturers	38.1	38.5	38.5	38.4	38.4	37.5	38.5	39.0	38.9	38.7
Textile mill products	40.6	40.4	40.3	40.4	40.5	40.0	40.3	40.6	40.7	40.3
Apparel and other textile products	35.5	35.8	35.8	35.6	35.6	33.9	35.2	35.9	36.1	35.7
Paper and allied products	42.7	43.0	42.7	42.6	42.9	42.2	42.4	43.4	43.4	42.8
Printing and publishing	37.5	38.0	37.7	37.4	37.6	37.4	37.5	38.1	38.1	37.5
Chemicals and allied products	41.7	42.0	42.0	41.8	41.7	41.6	41.7	42.1	41.9	41.8
Petroleum and coal products	42.5	43.6	43.8	43.4	42.6	43.6	43.4	44.0	43.8	43.4
Rubber and plastics products, nec	41.1	40.6	40.8	40.5	41.3	39.8	39.4	40.6	41.1	40.7
Leather and leather products	37.3	37.2	37.6	37.5	37.1	36.6	36.6	37.4	38.2	37.3
TRANSPORTATION AND PUBLIC UTILITIES	40.0	40.2	40.1	39.9	40.3	39.8	40.4	40.6	40.3	40.2
WHOLESALE AND RETAIL TRADE	33.2	32.8	32.8	32.8	33.5	32.8	32.8	33.1	33.1	33.1
WHOLESALE TRADE	38.7	38.8	38.8	38.7	38.8	38.6	38.8	39.0	39.0	38.8
RETAIL TRADE	31.5	31.0	31.1	31.1	31.9	31.1	31.1	31.4	31.4	31.4
FINANCE, INSURANCE, AND REAL ESTATE	36.6	36.5	36.8	36.5	36.7	36.5	36.5	36.6	36.8	36.6
SERVICES	33.3	33.3	33.3	33.0	33.5	33.5	33.2	33.5	33.5	33.2

¹ 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. These groups account for approximately four-fifths of the total employment on private nonagricultural payrolls.
p=preliminary.

ESTABLISHMENT DATA

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Table B-3. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry

Industry	Average hourly earnings				Average weekly earnings			
	MAY 1977	MAR. 1978	APR. 1978 ^p	MAY ^p 1978	MAY 1977	MAR. 1978	APR. 1978 ^p	MAY ^p 1978
TOTAL PRIVATE	\$5.19	\$5.54	\$5.61	\$5.63	\$187.36	\$198.89	\$201.96	\$201.55
<i>Seasonally adjusted</i>	5.20	5.56	5.62	5.64	188.76	201.27	204.01	203.04
MINING	6.81	6.87	7.55	7.60	300.32	302.97	330.69	332.12
CONTRACT CONSTRUCTION	7.91	8.36	8.32	8.43	296.63	304.30	308.67	308.54
MANUFACTURING	5.56	5.96	5.99	6.03	224.07	240.78	242.00	243.01
DURABLE GOODS	5.95	6.35	6.39	6.43	243.95	260.35	261.99	263.63
Ordnance and accessories	6.16	6.68	6.69	6.64	252.56	275.22	269.61	265.60
Lumber and wood products	4.97	5.34	5.40	5.47	200.29	210.93	216.00	217.16
Furniture and fixtures	4.23	4.53	4.56	4.58	162.43	178.48	178.75	178.62
Stone, clay, and glass products	5.73	6.04	6.14	6.19	239.51	250.06	257.68	259.36
Primary metal industries	7.39	7.97	7.99	8.09	306.69	329.96	330.79	334.93
Fabricated metal products	5.77	6.11	6.17	6.20	236.57	251.12	254.20	254.82
Machinery, except electrical	6.10	6.55	6.56	6.57	252.54	276.41	274.86	273.97
Electrical equipment	5.23	5.65	5.67	5.70	209.72	227.70	227.37	228.57
Transportation equipment	7.10	7.57	7.62	7.64	303.88	314.16	319.28	320.12
Instruments and related products	5.13	5.49	5.50	5.51	206.74	225.09	224.95	223.71
Miscellaneous manufacturing	4.31	4.56	4.59	4.60	168.09	179.21	179.93	179.86
NONDURABLE GOODS	4.99	5.37	5.39	5.41	196.11	211.58	212.37	212.61
Food and kindred products	5.28	5.66	5.70	5.75	209.62	223.00	224.01	226.55
Tobacco manufacturers	5.58	6.22	6.29	6.28	212.60	239.47	242.17	241.15
Textile mill products	3.86	4.16	4.17	4.17	156.72	168.06	168.05	168.47
Apparel and other textile products	3.56	3.89	3.91	3.91	126.38	139.26	139.98	139.20
Paper and allied products	5.80	6.27	6.28	6.32	247.66	269.61	268.16	269.23
Printing and publishing	6.02	6.37	6.37	6.40	225.75	242.06	240.15	239.36
Chemicals and allied products	6.29	6.79	6.81	6.84	262.29	285.18	286.02	285.91
Petroleum and coal products	7.69	8.34	8.36	8.32	327.59	363.62	366.17	361.09
Rubber and plastics products, nec	5.05	5.29	5.33	5.40	207.56	214.77	217.46	218.70
Leather and leather products	3.63	3.89	3.89	3.89	135.40	144.71	146.26	145.88
TRANSPORTATION AND PUBLIC UTILITIES	6.83	7.31	7.40	7.40	273.20	293.86	296.74	295.26
WHOLESALE AND RETAIL TRADE	4.25	4.57	4.61	4.62	141.10	149.90	151.21	151.54
WHOLESALE TRADE	5.52	5.87	5.96	5.97	213.62	227.76	231.25	231.04
RETAIL TRADE	3.80	4.09	4.12	4.13	120.08	126.79	128.13	128.44
FINANCE, INSURANCE, AND REAL ESTATE	4.58	4.83	4.92	4.90	167.63	176.30	181.06	178.85
SERVICES	4.67	5.02	5.05	5.07	155.51	167.17	168.17	167.31

¹ See footnote 1, table B-2.
p=preliminary.

ESTABLISHMENT DATA

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Table B-4. Hourly earnings index for production or nonsupervisory workers on private nonagricultural payrolls, by industry division, seasonally adjusted

[1967=100]

Industry	MAY 1977	DEC. 1977	JAN. 1978	FEB. 1978	MAR. 1978	APR. P 1978	MAY P 1978	Percent change from		
								MAY 1977	1977-1978	APR. 1978-MAY 1978
								TOTAL PRIVATE NONFARM:		
Current dollars	196.4	205.2	208.1	208.8	210.2	212.0	212.6	8.2	0.3	
Constant (1967) dollars	108.6	110.3	111.0	110.6	110.5	110.5	N.A.	(2)	(3)	
MINING	213.1	219.1	221.4	223.2	225.3	235.9	237.2	11.3	.5	
CONTRACT CONSTRUCTION	193.3	198.9	201.1	201.6	203.8	204.2	205.7	6.5	.8	
MANUFACTURING	196.9	206.3	208.3	209.7	210.9	212.1	213.3	8.3	.6	
TRANSPORTATION AND PUBLIC UTILITIES	209.9	221.5	223.3	223.9	225.0	227.7	227.4	8.3	-.1	
WHOLESALE AND RETAIL TRADE	190.6	198.8	202.4	203.0	204.8	206.9	206.8	8.5	-.1	
FINANCE, INSURANCE, AND REAL ESTATE	178.5	185.8	188.5	187.5	188.5	191.7	190.7	6.8	-.5	
SERVICES	200.5	209.8	214.4	214.3	215.7	217.5	218.1	8.8	.3	

¹ SEE FOOTNOTE 1, TABLE B-2.

² PERCENT CHANGE WAS 1.7 FROM APRIL 1977 TO APRIL 1978, THE LATEST MONTH AVAILABLE.

³ PERCENT CHANGE WAS .0 FROM MARCH 1978 TO APRIL 1978, THE LATEST MONTH AVAILABLE.

N.A. = not available.
p=preliminary.

NOTE: All series are in current dollars except where indicated. The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

Table B-5. Indexes of aggregate weekly hours of production or nonsupervisory workers, on private nonagricultural payrolls, by industry, seasonally adjusted

[1967=100]

Industry division and group	1977												1978		
	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR. P	MAY P		
	TOTAL PRIVATE	115.9	115.8	115.8	115.6	115.9	116.8	117.2	117.5	116.1	117.0	119.2	120.4	119.8	
GOODS-PRODUCING	101.4	101.8	101.4	100.6	100.9	101.7	102.3	102.1	99.5	101.4	104.3	106.8	105.8		
MINING	140.6	142.3	139.9	134.7	142.5	143.9	144.8	113.3	110.7	112.6	118.7	149.9	149.3		
CONTRACT CONSTRUCTION	112.4	111.8	112.8	110.8	110.4	112.3	114.0	113.5	104.7	108.9	116.5	124.6	122.1		
MANUFACTURING	98.1	98.7	98.0	97.6	97.8	98.4	98.8	99.7	98.2	99.7	101.7	102.1	101.4		
DURABLE GOODS	97.8	98.7	98.3	98.1	98.4	99.3	99.5	100.8	99.3	100.9	103.0	103.4	102.9		
Ordnance and accessories	40.7	41.0	40.5	39.3	39.1	34.2	38.2	40.2	39.8	38.1	41.3	39.9	39.2		
Lumber and wood products	104.1	104.0	105.3	104.0	106.0	106.8	109.5	109.8	107.6	106.8	109.3	109.4	108.4		
Furniture and fixtures	107.4	107.9	108.4	107.2	108.3	110.6	111.7	113.9	109.3	116.5	117.6	117.0	115.0		
Stone, clay, and glass products	104.2	105.4	104.9	104.1	103.3	103.2	106.7	107.0	104.3	105.4	107.6	111.3	109.3		
Primary metal industries	90.7	90.9	89.0	88.2	89.0	89.7	89.5	89.7	89.5	91.2	90.9	90.9	91.5		
Fabricated metal products	102.8	104.2	103.7	103.3	103.1	105.0	105.7	107.7	105.3	107.6	109.1	109.8	108.9		
Machinery, except electrical	100.2	101.6	103.2	103.5	103.6	105.5	104.9	106.0	104.0	107.0	109.1	110.0	110.4		
Electrical equipment and supplies	97.2	97.9	98.3	98.3	97.8	98.8	99.4	100.4	98.9	100.3	103.4	103.1	103.3		
Transportation equipment	95.3	96.5	94.8	95.4	96.5	96.2	94.5	96.7	96.5	96.3	99.0	99.1	98.3		
Instruments and related products	112.3	113.2	111.7	111.3	112.4	113.2	113.4	114.4	113.4	114.8	117.8	119.2	117.7		
Miscellaneous manufacturing industry	94.7	94.6	91.4	91.3	90.3	91.1	91.5	93.9	92.3	93.9	96.4	96.9	95.8		
NONDURABLE GOODS	98.5	98.7	97.7	96.9	96.9	97.1	97.8	98.1	96.5	97.8	99.9	100.3	99.2		
Food and kindred products	97.3	97.3	95.9	94.5	94.1	92.8	94.2	94.6	94.4	96.0	97.6	97.6	95.5		
Tobacco manufacturers	78.2	80.2	77.2	71.7	73.2	72.4	72.2	74.0	72.4	74.4	76.7	73.8	76.1		
Textile mill products	100.2	99.7	99.9	98.9	99.4	100.2	101.4	100.8	99.3	100.4	101.3	101.2	100.9		
Apparel and other textile products	88.0	89.8	87.6	87.8	87.2	87.8	88.6	89.0	84.2	87.2	89.4	90.7	89.2		
Paper and allied products	100.4	101.1	100.3	99.4	99.7	100.2	99.6	100.8	99.3	100.2	103.1	103.5	103.0		
Printing and publishing	95.1	95.3	95.6	95.1	95.7	95.7	95.9	95.9	94.6	95.3	97.4	97.6	96.0		
Chemicals and allied products	103.3	103.8	103.7	103.4	103.0	102.6	103.0	103.5	103.8	104.5	105.5	105.2	105.3		
Petroleum and coal products	119.3	121.6	119.9	120.4	120.8	122.8	124.8	125.7	126.6	127.8	128.6	128.1	125.1		
Rubber and plastics products, nec	135.3	133.9	132.5	129.7	129.3	130.5	132.5	133.8	131.3	131.9	137.4	140.1	138.5		
Leather and leather products	73.3	72.9	69.9	71.8	72.7	73.8	73.7	71.9	70.7	72.6	74.5	73.1			
SERVICE-PRODUCING	125.9	125.6	125.8	126.1	126.4	127.2	127.5	128.2	127.6	127.8	129.4	129.8	129.6		
TRANSPORTATION AND PUBLIC UTILITIES	104.0	104.1	103.1	103.5	103.9	102.9	105.1	105.6	103.5	105.4	106.3	106.3	106.1		
WHOLESALE AND RETAIL TRADE	121.4	121.2	121.6	121.6	121.8	122.7	122.4	123.2	122.3	122.3	124.1	124.1	124.4		
WHOLESALE TRADE	117.3	117.3	117.5	117.5	117.8	118.7	118.8	118.9	118.9	120.3	121.7	122.0	121.7		
RETAIL TRADE	123.0	122.7	123.1	123.1	123.3	124.2	123.7	124.8	123.5	123.1	124.9	124.9	125.4		
FINANCE, INSURANCE, AND REAL ESTATE	131.0	131.7	132.3	132.7	133.2	134.2	134.9	134.9	135.4	135.9	136.7	138.1	138.0		
SERVICES	140.3	139.6	140.1	140.6	140.9	142.7	142.6	143.4	143.8	143.4	145.3	146.0	145.2		

¹ See footnote 1, table B-2.

p=preliminary.

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Table B-6. Indexes of diffusion: Percent of industries in which employment¹ increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1975				
January	15.1	12.8	12.8	16.6
February	15.7	12.8	11.9	17.4
March	25.6	18.6	17.7	17.7
April	39.0	32.3	28.2	20.6
May	51.2	43.9	41.5	27.0
June	40.7	52.3	56.7	40.7
July	58.1	57.0	67.2	50.6
August	73.0	76.2	70.1	63.1
September	80.8	81.7	75.3	72.4
October	66.9	74.1	82.3	77.3
November	62.2	72.4	83.4	80.2
December	74.1	74.7	81.7	82.6
1976				
January	78.5	82.0	83.1	86.0
February	77.9	84.3	81.7	84.6
March	74.1	85.2	79.9	81.1
April	79.4	77.9	79.4	74.4
May	66.6	71.5	70.9	79.7
June	54.1	61.0	68.6	79.1
July	57.3	52.9	57.0	74.1
August	47.1	62.5	57.3	74.7
September	69.8	56.7	63.7	78.5
October	42.4	62.8	69.8	76.5
November	69.5	58.7	73.5	75.0
December	73.0	79.9	78.5	74.7
1977				
January	75.0	79.7	89.0	75.9
February	73.5	86.0	86.6	75.6
March	82.3	85.8	83.1	78.2
April	77.6	84.0	80.5	78.2
May	68.6	73.3	71.5	79.1
June	63.7	70.1	68.0	77.6
July	65.7	56.1	68.3	78.8
August	50.0	62.5	68.3	78.8
September	61.3	57.0	72.1	75.6
October	59.9	73.3	75.0	77.6p
November	75.9	76.2	80.5	76.2p
December	73.8	77.9	83.7	
1978				
January	66.9	80.5	85.2p	
February	70.1	81.7	80.2p	
March	74.4	77.9p		
April	68.9p	68.3p		
May	55.8p			
June				
July				
August				
September				
October				
November				
December				

¹ Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.