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UNION MEMBERS — 2015

The **union membership rate**—the percent of wage and salary workers who were members of unions—was 11.1 percent in 2015, unchanged from 2014, the U.S. Bureau of Labor Statistics reported today. The number of wage and salary workers belonging to unions, at 14.8 million in 2015, was little different from 2014. In 1983, the first year for which comparable union data are available, the union membership rate was 20.1 percent, and there were 17.7 million union workers.

The data on union membership are collected as part of the Current Population Survey (CPS), a monthly sample survey of about 60,000 eligible households that obtains information on employment and unemployment among the nation's civilian noninstitutional population age 16 and over. For more information, see the Technical Note.

Highlights from the 2015 data:

- Public-sector workers had a union membership rate (35.2 percent) more than five times higher than that of private-sector workers (6.7 percent). (See table 3.)
- Workers in protective service occupations and in education, training, and library occupations had the highest unionization rates (36.3 percent and 35.5 percent, respectively). (See table 3.)
- Men continued to have a slightly higher union membership rate (11.5 percent) than women (10.6 percent). (See table 1.)
- Black workers were more likely to be union members than were White, Asian, or Hispanic workers. (See table 1.)
- Median weekly earnings of nonunion workers (\$776) were 79 percent of earnings for workers who were union members (\$980). (The comparisons of earnings in this release are on a broad level and do not control for many factors that can be important in explaining earnings differences.) (See table 2.)
- Among states, New York continued to have the highest union membership rate (24.7 percent), while South Carolina had the lowest (2.1 percent). (See table 5.)

Industry and Occupation of Union Members

In 2015, 7.2 million employees in the **public sector** belonged to a union, compared with 7.6 million workers in the **private sector**. The union membership rate for public-sector workers (35.2 percent) was substantially higher than the rate for private-sector workers (6.7 percent). Within the public sector, the union membership rate was highest for local government (41.3 percent), which includes employees in heavily unionized occupations, such as teachers, police officers, and firefighters. In the private sector, industries with high unionization rates included utilities (21.4 percent), transportation and warehousing

(18.9 percent), educational services (13.7 percent), telecommunications (13.3 percent), and construction (13.2 percent). Low unionization rates occurred in agriculture and related industries (1.2 percent), finance (1.3 percent), food services and drinking places (1.5 percent), and professional and technical services (1.7 percent). (See table 3.)

Among **occupational groups**, the highest unionization rates in 2015 were in protective service occupations (36.3 percent) and in education, training, and library occupations (35.5 percent). The lowest unionization rates were in farming, fishing, and forestry occupations (1.9 percent) and in sales and related occupations (3.3 percent). (See table 3.)

Selected Characteristics of Union Members

In 2015, the union membership rate continued to be slightly higher for **men** (11.5 percent) than for **women** (10.6 percent). (See table 1.) The gap between their rates has narrowed considerably since 1983 (the earliest year for which comparable data are available), when rates for men and women were 24.7 percent and 14.6 percent, respectively.

Among major **race and ethnicity groups**, Black workers continued to have a higher union membership rate in 2015 (13.6 percent) than workers who were White (10.8 percent), Asian (9.8 percent), or Hispanic (9.4 percent).

By **age**, union membership rates continued to be highest among workers ages 45 to 64. In 2015, 13.6 percent of workers ages 45 to 54 and 14.3 percent of those ages 55 to 64 were union members.

The union membership rate was 12.2 percent for **full-time workers**, more than twice the rate for **part-time workers**, 5.9 percent.

Union Representation

In 2015, 16.4 million wage and salary workers were represented by a union. This group includes both union members (14.8 million) and workers who report no union affiliation but whose jobs are covered by a union contract (1.6 million). (See table 1.)

Earnings

Among full-time wage and salary workers, union members had **median usual weekly earnings** of \$980 in 2015, while those who were not union members had median weekly earnings of \$776. In addition to coverage by a collective bargaining agreement, this earnings difference reflects a variety of influences, including variations in the distributions of union members and nonunion employees by occupation, industry, age, firm size, or geographic region. (See tables 2 and 4.)

Union Membership by State

In 2015, 30 states and the District of Columbia had union membership rates below that of the U.S. average, 11.1 percent, and 20 states had rates above it. All states in the East South Central and West South Central divisions had union membership rates below the national average, and all states in the Middle Atlantic and Pacific divisions had rates above it. Union membership rates increased over the year in 24 states and the District of Columbia, declined in 23 states, and were unchanged in 3 states. (See table 5 and the map.)

Five states had union membership rates below 5.0 percent in 2015: South Carolina (2.1 percent), North Carolina (3.0 percent), Utah (3.9 percent), Georgia (4.0 percent), and Texas (4.5 percent). Two states had union membership rates over 20.0 percent in 2015: New York (24.7 percent) and Hawaii (20.4 percent).

State union membership levels depend on both the employment level and the union membership rate. The largest numbers of union members lived in California (2.5 million) and New York (2.0 million). Roughly half of the 14.8 million union members in the U.S. lived in just seven states (California, 2.5 million; New York, 2.0 million; Illinois, 0.8 million; Pennsylvania, 0.7 million; and Michigan, Ohio, and New Jersey, 0.6 million each), though these states accounted for only about one-third of wage and salary employment nationally.

Technical Note

The estimates in this release are obtained from the Current Population Survey (CPS), which provides basic information on the labor force, employment, and unemployment. The survey is conducted monthly for the Bureau of Labor Statistics by the U.S. Census Bureau from a scientifically selected national sample of about 60,000 eligible households. The union membership and earnings data are tabulated from one-quarter of the CPS monthly sample and are limited to wage and salary workers. All self-employed workers are excluded.

Beginning in January of each year, data reflect revised population controls used in the CPS. Additional information about population controls is available on the BLS website at www.bls.gov/cps/documentation.htm#pop.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Reliability of the estimates

Statistics based on the CPS are subject to both sampling and nonsampling error. When a sample, rather than the entire population, is surveyed, there is a chance that the sample estimates may differ from the true population values they represent. The exact difference, or sampling error, varies depending on the particular sample selected, and this variability is measured by the standard error of the estimate. There is about a 90-percent chance, or level of confidence, that an estimate based on a sample will differ by no more than 1.6 standard errors from the true population value because of sampling error. BLS analyses are generally conducted at the 90-percent level of confidence. The state section of this release preserves the long-time practice of highlighting the direction of the movements in state union membership rates and levels regardless of their statistical significance.

The CPS data also are affected by nonsampling error. Nonsampling error can occur for many reasons, including the failure to sample a segment of the population, inability to obtain information for all respondents in the sample, inability or unwillingness of respondents to provide correct information, and errors made in the collection or processing of the data.

Information about the reliability of data from the CPS and guidance on estimating standard errors is available at www.bls.gov/cps/documentation.htm#reliability.

Union membership questions

Employed wage and salary workers are classified as union members if they answer “yes” to the following question: *On this job, are you a member of a labor union or of an employee association similar to a union?* If the response is “no” to that question, then the interviewer asks a second question: *On this job, are you covered by a union or employee association contract?* If the response is “yes,” then these persons, along with those who responded “yes” to being union members, are classified as represented by a union. If the response is “no” to both the first and second questions, then they are classified as

nonunion.

Definitions

The principal definitions used in this release are described briefly below.

Union members. Data refer to members of a labor union or an employee association similar to a union.

Union membership rate. Data refer to the proportion of total wage and salary workers who are union members.

Represented by unions. Data refer to both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

Nonunion. Data refer to workers who are neither members of a union nor represented by a union on their job.

Usual weekly earnings. Data represent earnings before taxes and other deductions and include any overtime pay, commissions, or tips usually received (at the main job in the case of multiple jobholders). Prior to 1994, respondents were asked how much they usually earned per week. Since January 1994, respondents have been asked to identify the easiest way for them to report earnings (hourly, weekly, biweekly, twice monthly, monthly, annually, other) and how much they usually earn in the reported time period. Earnings reported on a basis other than weekly are converted to a weekly equivalent. The term “usual” is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half of the weeks worked during the past 4 or 5 months.

Median earnings. The median is the amount which divides a given earnings distribution into two equal groups, one having earnings above the median and the other having earnings below the median. The estimating procedure places each reported or calculated weekly earnings value into \$50-wide intervals which are centered around multiples of \$50. The actual value is estimated through the linear interpolation of the interval in which the median lies.

Wage and salary workers. Workers who receive wages, salaries, commissions, tips, payment in kind, or piece rates. The group includes employees in both the private and public sectors. Union membership and earnings data exclude all self-employed workers, both those with incorporated businesses as well as those with unincorporated businesses.

Full-time workers. Workers who usually work 35 hours or more per week at their sole or principal job.

Part-time workers. Workers who usually work fewer than 35 hours per week at their sole or principal job.

Hispanic or Latino ethnicity. Refers to persons who identified themselves in the enumeration process as being Spanish, Hispanic, or Latino. Persons whose ethnicity is identified as Hispanic or Latino may be of any race

Table 1. Union affiliation of employed wage and salary workers by selected characteristics, 2014-2015 annual averages
 [Numbers in thousands]

Characteristic	2014					2015				
	Total employed	Members of unions ¹		Represented by unions ²		Total employed	Members of unions ¹		Represented by unions ²	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
AGE AND SEX										
Total, 16 years and over.....	131,431	14,576	11.1	16,152	12.3	133,743	14,795	11.1	16,441	12.3
16 to 24 years.....	18,019	804	4.5	956	5.3	18,311	800	4.4	967	5.3
25 years and over.....	113,412	13,772	12.1	15,196	13.4	115,431	13,995	12.1	15,474	13.4
25 to 34 years.....	30,158	2,879	9.5	3,205	10.6	30,870	2,985	9.7	3,363	10.9
35 to 44 years.....	27,948	3,460	12.4	3,823	13.7	28,101	3,457	12.3	3,785	13.5
45 to 54 years.....	28,540	3,927	13.8	4,286	15.0	28,764	3,909	13.6	4,306	15.0
55 to 64 years.....	20,781	2,924	14.1	3,229	15.5	21,288	3,035	14.3	3,329	15.6
65 years and over.....	5,985	582	9.7	653	10.9	6,408	610	9.5	691	10.8
Men, 16 years and over.....	68,048	7,939	11.7	8,717	12.8	69,298	7,963	11.5	8,760	12.6
16 to 24 years.....	9,141	462	5.1	540	5.9	9,250	485	5.2	563	6.1
25 years and over.....	58,907	7,476	12.7	8,177	13.9	60,048	7,478	12.5	8,197	13.7
25 to 34 years.....	16,172	1,611	10.0	1,773	11.0	16,550	1,639	9.9	1,825	11.0
35 to 44 years.....	14,769	1,913	13.0	2,108	14.3	14,844	1,857	12.5	2,023	13.6
45 to 54 years.....	14,508	2,085	14.4	2,256	15.6	14,696	2,079	14.1	2,281	15.5
55 to 64 years.....	10,419	1,553	14.9	1,689	16.2	10,698	1,588	14.8	1,717	16.0
65 years and over.....	3,040	315	10.4	351	11.5	3,259	315	9.7	352	10.8
Women, 16 years and over.....	63,383	6,638	10.5	7,434	11.7	64,445	6,833	10.6	7,681	11.9
16 to 24 years.....	8,879	342	3.8	416	4.7	9,061	315	3.5	405	4.5
25 years and over.....	54,505	6,296	11.6	7,019	12.9	55,384	6,518	11.8	7,277	13.1
25 to 34 years.....	13,985	1,268	9.1	1,431	10.2	14,320	1,346	9.4	1,538	10.7
35 to 44 years.....	13,180	1,548	11.7	1,715	13.0	13,257	1,600	12.1	1,762	13.3
45 to 54 years.....	14,032	1,842	13.1	2,030	14.5	14,068	1,830	13.0	2,025	14.4
55 to 64 years.....	10,362	1,371	13.2	1,541	14.9	10,590	1,447	13.7	1,613	15.2
65 years and over.....	2,946	267	9.1	302	10.2	3,149	294	9.3	339	10.8
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX										
White, 16 years and over.....	104,065	11,274	10.8	12,503	12.0	104,991	11,301	10.8	12,627	12.0
Men.....	54,747	6,295	11.5	6,900	12.6	55,402	6,222	11.2	6,875	12.4
Women.....	49,318	4,979	10.1	5,602	11.4	49,590	5,079	10.2	5,752	11.6
Black or African American, 16 years and over.....	15,830	2,097	13.2	2,303	14.6	16,552	2,246	13.6	2,427	14.7
Men.....	7,243	1,047	14.5	1,147	15.8	7,558	1,097	14.5	1,174	15.5
Women.....	8,586	1,050	12.2	1,156	13.5	8,995	1,149	12.8	1,253	13.9
Asian, 16 years and over.....	7,476	779	10.4	866	11.6	7,883	770	9.8	860	10.9
Men.....	3,921	361	9.2	416	10.6	4,113	367	8.9	416	10.1
Women.....	3,555	418	11.8	450	12.6	3,770	403	10.7	444	11.8
Hispanic or Latino ethnicity, 16 years and over. . .	21,571	1,978	9.2	2,220	10.3	22,351	2,104	9.4	2,365	10.6
Men.....	12,339	1,155	9.4	1,286	10.4	12,670	1,211	9.6	1,346	10.6
Women.....	9,232	823	8.9	933	10.1	9,681	892	9.2	1,019	10.5
FULL- OR PART-TIME STATUS³										
Full-time workers.....	106,526	13,132	12.3	14,491	13.6	109,080	13,340	12.2	14,768	13.5
Part-time workers.....	24,707	1,424	5.8	1,636	6.6	24,445	1,431	5.9	1,646	6.7

¹ Data refer to members of a labor union or an employee association similar to a union.

² Data refer to both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

³ The distinction between full- and part-time workers is based on hours usually worked. These data will not sum to totals because full- or part-time status on the principal job is not identifiable for a small number of multiple jobholders.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Data refer to the sole or principal job of full- and part-time wage and salary workers. All self-employed workers are excluded, both those with incorporated businesses as well as those with unincorporated businesses. Updated population controls are introduced annually with the release of January data.

Table 2. Median weekly earnings of full-time wage and salary workers by union affiliation and selected characteristics, 2014-2015 annual averages

Characteristic	2014				2015			
	Total	Members of unions ¹	Repre-sented by unions ²	Non-union ³	Total	Members of unions ¹	Repre-sented by unions ²	Non-union ³
AGE AND SEX								
Total, 16 years and over.....	\$791	\$970	\$965	\$763	\$809	\$980	\$975	\$776
16 to 24 years.....	477	602	605	470	487	616	605	482
25 years and over.....	839	987	985	810	860	997	994	831
25 to 34 years.....	726	874	867	705	735	886	882	716
35 to 44 years.....	881	1,034	1,029	848	900	1,050	1,048	870
45 to 54 years.....	899	1,025	1,022	872	923	1,029	1,024	899
55 to 64 years.....	911	1,014	1,017	885	927	1,020	1,017	904
65 years and over.....	824	908	920	813	873	961	963	852
Men, 16 years and over.....	871	1,015	1,013	840	895	1,017	1,014	869
16 to 24 years.....	493	644	643	485	510	655	633	505
25 years and over.....	922	1,036	1,035	899	947	1,041	1,038	927
25 to 34 years.....	755	896	889	740	770	888	889	756
35 to 44 years.....	964	1,102	1,097	933	983	1,093	1,094	963
45 to 54 years.....	1,011	1,083	1,088	994	1,040	1,107	1,110	1,023
55 to 64 years.....	1,021	1,068	1,076	1,007	1,064	1,084	1,082	1,059
65 years and over.....	942	921	936	943	1,003	1,010	998	1,005
Women, 16 years and over.....	719	904	899	687	726	928	921	697
16 to 24 years.....	451	557	562	445	450	567	565	443
25 years and over.....	752	921	917	728	761	944	940	736
25 to 34 years.....	679	848	843	655	690	884	876	667
35 to 44 years.....	781	962	956	751	804	1,002	1,001	764
45 to 54 years.....	780	951	945	754	799	958	950	768
55 to 64 years.....	780	931	935	757	784	937	934	759
65 years and over.....	740	879	887	719	740	894	905	718
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX								
White, 16 years and over.....	816	997	992	784	835	1,007	999	803
Men.....	897	1,043	1,041	867	920	1,051	1,044	895
Women.....	734	929	923	704	743	952	944	715
Black or African American, 16 years and over.....	639	810	807	611	641	800	798	617
Men.....	680	835	833	648	680	824	821	650
Women.....	611	792	788	590	615	768	768	595
Asian, 16 years and over.....	953	979	998	948	993	1,094	1,107	977
Men.....	1,080	1,028	1,041	1,087	1,129	1,097	1,125	1,130
Women.....	841	939	950	823	877	1,091	1,090	835
Hispanic or Latino ethnicity, 16 years and over.....	594	811	795	573	604	862	847	586
Men.....	616	860	838	596	631	901	887	610
Women.....	548	757	739	520	566	778	783	541

¹ Data refer to members of a labor union or an employee association similar to a union.

² Data refer to both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

³ Data refer to workers who are neither members of a union nor represented by a union on their job.

NOTE: Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Data refer to the sole or principal job of full-time wage and salary workers. All self-employed workers are excluded, both those with incorporated businesses as well as those with unincorporated businesses. Updated population controls are introduced annually with the release of January data.

Table 3. Union affiliation of employed wage and salary workers by occupation and industry, 2014-2015 annual averages
 [Numbers in thousands]

Occupation and industry	2014					2015				
	Total employed	Members of unions ¹		Represented by unions ²		Total employed	Members of unions ¹		Represented by unions ²	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
OCCUPATION										
Management, professional, and related occupations.....	48,890	5,835	11.9	6,612	13.5	50,939	6,132	12.0	6,983	13.7
Management, business, and financial operations occupations.....	18,717	870	4.6	1,016	5.4	19,636	871	4.4	1,057	5.4
Management occupations.....	12,550	562	4.5	653	5.2	13,213	581	4.4	701	5.3
Business and financial operations occupations.....	6,168	308	5.0	362	5.9	6,423	290	4.5	356	5.5
Professional and related occupations.....	30,173	4,965	16.5	5,597	18.5	31,302	5,261	16.8	5,926	18.9
Computer and mathematical occupations.....	4,057	169	4.2	223	5.5	4,195	162	3.9	221	5.3
Architecture and engineering occupations.....	2,635	160	6.1	190	7.2	2,777	190	6.8	219	7.9
Life, physical, and social science occupations.....	1,232	122	9.9	149	12.1	1,309	109	8.3	139	10.6
Community and social service occupations.....	2,373	358	15.1	396	16.7	2,517	386	15.3	412	16.4
Legal occupations.....	1,440	86	6.0	107	7.5	1,475	83	5.6	100	6.8
Education, training, and library occupations.....	8,437	2,976	35.3	3,279	38.9	8,766	3,112	35.5	3,466	39.5
Arts, design, entertainment, sports, and media occupations.....	2,071	117	5.6	137	6.6	2,120	161	7.6	187	8.8
Healthcare practitioner and technical occupations.....	7,928	977	12.3	1,115	14.1	8,142	1,059	13.0	1,183	14.5
Service occupations.....	23,481	2,498	10.6	2,740	11.7	23,503	2,492	10.6	2,759	11.7
Healthcare support occupations.....	3,326	305	9.2	346	10.4	3,305	279	8.4	314	9.5
Protective service occupations.....	3,128	1,103	35.3	1,166	37.3	3,092	1,123	36.3	1,189	38.5
Food preparation and serving related occupations.....	8,021	338	4.2	389	4.9	8,016	329	4.1	381	4.8
Building and grounds cleaning and maintenance occupations.....	4,916	504	10.2	560	11.4	4,868	473	9.7	537	11.0
Personal care and service occupations.....	4,090	248	6.1	279	6.8	4,222	288	6.8	338	8.0
Sales and office occupations.....	30,903	2,023	6.5	2,277	7.4	30,931	2,055	6.6	2,311	7.5
Sales and related occupations.....	13,529	415	3.1	499	3.7	13,574	441	3.3	505	3.7
Office and administrative support occupations.....	17,374	1,608	9.3	1,778	10.2	17,357	1,614	9.3	1,806	10.4
Natural resources, construction, and maintenance occupations.....	11,627	1,782	15.3	1,909	16.4	11,694	1,751	15.0	1,868	16.0
Farming, fishing, and forestry occupations.....	935	24	2.5	30	3.2	971	18	1.9	25	2.5
Construction and extraction occupations.....	6,196	1,104	17.8	1,167	18.8	6,193	1,067	17.2	1,133	18.3
Installation, maintenance, and repair occupations.....	4,496	655	14.6	711	15.8	4,530	666	14.7	710	15.7
Production, transportation, and material moving occupations.....	16,530	2,438	14.8	2,614	15.8	16,676	2,365	14.2	2,521	15.1
Production occupations.....	8,098	1,066	13.2	1,150	14.2	8,180	1,031	12.6	1,098	13.4
Transportation and material moving occupations.....	8,432	1,372	16.3	1,464	17.4	8,496	1,334	15.7	1,422	16.7
INDUSTRY										
Private sector.....	111,228	7,359	6.6	8,224	7.4	113,152	7,554	6.7	8,411	7.4
Agriculture and related industries.....	1,199	14	1.1	19	1.6	1,269	15	1.2	22	1.7
Nonagricultural industries.....	110,028	7,345	6.7	8,205	7.5	111,882	7,539	6.7	8,389	7.5
Mining, quarrying, and oil and gas extraction.....	1,040	50	4.8	61	5.9	866	47	5.4	57	6.5
Construction.....	6,968	968	13.9	1,023	14.7	7,109	940	13.2	992	14.0
Manufacturing.....	14,471	1,409	9.7	1,517	10.5	14,547	1,369	9.4	1,462	10.0
Durable goods.....	9,111	876	9.6	944	10.4	9,288	874	9.4	933	10.0
Nondurable goods.....	5,359	534	10.0	572	10.7	5,258	494	9.4	529	10.1
Wholesale and retail trade.....	18,372	769	4.2	892	4.9	18,798	871	4.6	962	5.1
Wholesale trade.....	3,232	107	3.3	129	4.0	3,346	126	3.8	139	4.2
Retail trade.....	15,141	662	4.4	763	5.0	15,452	745	4.8	823	5.3
Transportation and utilities.....	5,750	1,153	20.1	1,217	21.2	5,722	1,106	19.3	1,159	20.3
Transportation and warehousing.....	4,814	945	19.6	996	20.7	4,765	901	18.9	946	19.8
Utilities.....	935	209	22.3	221	23.7	957	205	21.4	213	22.3
Information ³	2,681	231	8.6	255	9.5	2,525	217	8.6	249	9.9
Publishing, except Internet.....	581	21	3.6	22	3.8	495	19	3.9	22	4.4
Motion pictures and sound recording industries.....	347	25	7.3	29	8.2	314	37	11.7	40	12.8

See footnotes at end of table.

Table 3. Union affiliation of employed wage and salary workers by occupation and industry, 2014-2015 annual averages — Continued
 [Numbers in thousands]

Occupation and industry	2014					2015				
	Total employed	Members of unions ¹		Represented by unions ²		Total employed	Members of unions ¹		Represented by unions ²	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
Radio and television broadcasting and cable subscription programming.....	569	40	7.0	43	7.6	561	37	6.7	48	8.5
Telecommunications.....	915	135	14.8	151	16.5	883	118	13.3	131	14.8
Financial activities.....	8,481	169	2.0	200	2.4	8,781	208	2.4	242	2.8
Finance and insurance.....	6,409	92	1.4	112	1.8	6,550	103	1.6	129	2.0
Finance.....	4,039	53	1.3	63	1.6	4,126	53	1.3	70	1.7
Insurance.....	2,370	39	1.6	49	2.1	2,424	51	2.1	59	2.4
Real estate and rental and leasing.....	2,071	77	3.7	88	4.2	2,231	105	4.7	113	5.1
Professional and business services.....	13,300	309	2.3	389	2.9	13,738	348	2.5	458	3.3
Professional and technical services.....	8,045	109	1.4	157	2.0	8,327	142	1.7	218	2.6
Management, administrative, and waste services.....	5,254	199	3.8	232	4.4	5,411	206	3.8	240	4.4
Education and health services.....	21,147	1,728	8.2	2,003	9.5	21,572	1,867	8.7	2,132	9.9
Educational services.....	4,338	508	11.7	599	13.8	4,551	625	13.7	720	15.8
Health care and social assistance.....	16,809	1,220	7.3	1,404	8.4	17,021	1,242	7.3	1,412	8.3
Leisure and hospitality.....	11,997	387	3.2	454	3.8	12,357	389	3.1	449	3.6
Arts, entertainment, and recreation.....	2,166	140	6.5	158	7.3	2,250	144	6.4	158	7.0
Accommodation and food services.....	9,831	247	2.5	296	3.0	10,107	245	2.4	291	2.9
Accommodation.....	1,455	130	8.9	143	9.8	1,575	116	7.4	127	8.0
Food services and drinking places.....	8,377	117	1.4	153	1.8	8,532	129	1.5	165	1.9
Other services ³	5,821	171	2.9	193	3.3	5,867	177	3.0	227	3.9
Other services, except private households...	5,026	157	3.1	178	3.5	5,055	166	3.3	205	4.1
Public sector.....	20,203	7,218	35.7	7,927	39.2	20,591	7,241	35.2	8,031	39.0
Federal government.....	3,408	939	27.5	1,078	31.6	3,591	979	27.3	1,160	32.3
State government.....	6,264	1,867	29.8	2,056	32.8	6,875	2,079	30.2	2,312	33.6
Local government.....	10,532	4,412	41.9	4,793	45.5	10,126	4,183	41.3	4,559	45.0

¹ Data refer to members of a labor union or an employee association similar to a union.

² Data refer to both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

³ Includes other industries, not shown separately.

NOTE: Data refer to the sole or principal job of full- and part-time wage and salary workers. All self-employed workers are excluded, both those with incorporated businesses as well as those with unincorporated businesses. Updated population controls are introduced annually with the release of January data.

Table 4. Median weekly earnings of full-time wage and salary workers by union affiliation, occupation, and industry, 2014-2015 annual averages

Occupation and industry	2014				2015			
	Total	Members of unions ¹	Repre-sented by unions ²	Non-union ³	Total	Members of unions ¹	Repre-sented by unions ²	Non-union ³
OCCUPATION								
Management, professional, and related occupations.....	\$1,137	\$1,132	\$1,129	\$1,139	\$1,158	\$1,152	\$1,148	\$1,160
Management, business, and financial operations occupations.....	1,227	1,246	1,243	1,226	1,258	1,273	1,291	1,257
Management occupations.....	1,295	1,333	1,333	1,292	1,351	1,386	1,380	1,349
Business and financial operations occupations.....	1,107	1,135	1,131	1,104	1,137	1,108	1,132	1,138
Professional and related occupations.....	1,078	1,117	1,112	1,068	1,112	1,140	1,132	1,103
Computer and mathematical occupations.....	1,368	1,288	1,277	1,373	1,428	1,388	1,327	1,434
Architecture and engineering occupations.....	1,377	1,416	1,424	1,370	1,424	1,393	1,399	1,427
Life, physical, and social science occupations.....	1,168	1,271	1,276	1,141	1,206	1,249	1,266	1,187
Community and social service occupations.....	858	1,017	1,010	822	889	1,014	1,008	855
Legal occupations.....	1,271	1,208	1,333	1,270	1,391	1,551	1,547	1,373
Education, training, and library occupations.....	953	1,077	1,069	851	956	1,095	1,074	860
Arts, design, entertainment, sports, and media occupations.....	956	1,130	1,110	946	1,001	1,228	1,212	984
Healthcare practitioner and technical occupations.....	1,033	1,128	1,115	1,020	1,041	1,211	1,194	1,014
Service occupations.....	505	762	751	482	509	753	742	489
Healthcare support occupations.....	498	569	558	493	498	544	546	495
Protective service occupations.....	833	1,107	1,093	687	796	1,031	1,029	687
Food preparation and serving related occupations.....	439	535	525	433	441	515	512	436
Building and grounds cleaning and maintenance occupations.....	480	644	633	456	486	648	628	469
Personal care and service occupations.....	487	591	583	480	498	515	521	496
Sales and office occupations.....	666	788	788	654	673	810	801	662
Sales and related occupations.....	705	728	724	704	716	702	710	716
Office and administrative support occupations.....	651	801	801	632	656	831	821	639
Natural resources, construction, and maintenance occupations.....	756	1,076	1,062	705	761	1,070	1,052	711
Farming, fishing, and forestry occupations.....	429	-	-	423	464	-	-	460
Construction and extraction occupations.....	756	1,095	1,078	697	749	1,082	1,064	695
Installation, maintenance, and repair occupations.....	821	1,064	1,057	782	839	1,066	1,051	799
Production, transportation, and material moving occupations.....	642	838	830	614	656	850	842	622
Production occupations.....	646	825	824	620	663	824	826	635
Transportation and material moving occupations.....	637	850	836	608	646	876	859	610
INDUSTRY								
Private sector.....	763	907	900	753	776	917	912	765
Agriculture and related industries.....	502	-	-	501	522	-	-	519
Nonagricultural industries.....	767	907	901	756	781	918	913	769
Mining, quarrying, and oil and gas extraction.....	1,136	1,150	1,176	1,130	1,162	-	1,170	1,162
Construction.....	775	1,123	1,108	724	784	1,099	1,093	743
Manufacturing.....	812	861	854	807	839	876	868	833
Durable goods.....	840	888	886	833	872	889	881	871
Nondurable goods.....	765	808	795	761	776	849	841	768
Wholesale and retail trade.....	641	669	670	638	653	673	671	652
Wholesale trade.....	818	772	773	821	841	876	863	840
Retail trade.....	602	641	643	600	610	621	622	609
Transportation and utilities.....	826	1,011	1,009	785	843	1,007	1,003	803
Transportation and warehousing.....	780	947	947	748	790	980	977	754
Utilities.....	1,156	1,275	1,283	1,078	1,133	1,194	1,188	1,116
Information ⁴	1,040	1,115	1,090	1,029	1,102	1,260	1,242	1,077
Publishing, except Internet.....	1,068	-	-	1,081	1,098	-	-	1,102
Motion pictures and sound recording industries.....	1,021	-	-	993	996	-	-	935
Radio and television broadcasting and cable subscription programming.....	902	-	-	879	980	-	-	968
Telecommunications.....	1,145	1,143	1,114	1,151	1,162	1,212	1,208	1,148
Financial activities.....	941	879	884	942	964	915	924	964
Finance and insurance.....	989	880	893	991	1,024	983	1,004	1,024
Finance.....	1,012	862	889	1,014	1,061	923	1,082	1,060
Insurance.....	959	-	-	960	973	988	981	973
Real estate and rental and leasing.....	768	876	869	762	782	891	893	772
Professional and business services.....	915	805	851	918	951	874	906	953
Professional and technical services.....	1,199	1,081	1,145	1,203	1,256	1,297	1,268	1,255

See footnotes at end of table.

Table 4. Median weekly earnings of full-time wage and salary workers by union affiliation, occupation, and industry, 2014-2015 annual averages — Continued

Occupation and industry	2014				2015			
	Total	Members of unions ¹	Repre-sented by unions ²	Non-union ³	Total	Members of unions ¹	Repre-sented by unions ²	Non-union ³
Management, administrative, and waste services. . . .	\$580	\$743	\$735	\$575	\$605	\$684	\$672	\$603
Education and health services.	777	926	925	763	787	962	946	768
Educational services.	902	967	978	879	918	1,025	1,015	896
Health care and social assistance.	750	893	886	740	754	916	904	742
Leisure and hospitality.	505	636	624	500	515	606	592	511
Arts, entertainment, and recreation.	650	688	683	642	657	672	680	655
Accommodation and food services.	481	602	591	478	492	579	558	489
Accommodation.	544	639	639	522	546	645	639	532
Food services and drinking places.	465	496	485	465	480	492	490	480
Other services ⁴	644	871	843	636	684	903	879	677
Other services, except private households.	671	887	865	662	710	916	900	703
Public sector.	927	1,014	1,014	850	944	1,029	1,023	878
Federal government.	1,103	1,050	1,072	1,136	1,113	1,058	1,064	1,159
State government.	886	967	966	821	909	988	982	867
Local government.	899	1,026	1,020	780	914	1,043	1,033	783

¹ Data refer to members of a labor union or an employee association similar to a union.

² Data refer to both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

³ Data refer to workers who are neither members of a union nor represented by a union on their job.

⁴ Includes other industries, not shown separately.

- Data not shown where base is less than 50,000.

NOTE: Data refer to the sole or principal job of full-time wage and salary workers. All self-employed workers are excluded, both those with incorporated businesses as well as those with unincorporated businesses. Updated population controls are introduced annually with the release of January data.

Table 5. Union affiliation of employed wage and salary workers by state, 2014-2015 annual averages
 [Numbers in thousands]

State	2014					2015				
	Total employed	Members of unions ¹		Represented by unions ²		Total employed	Members of unions ¹		Represented by unions ²	
		Total	Percent of employed	Total	Percent of employed		Total	Percent of employed	Total	Percent of employed
Alabama.....	1,887	204	10.8	228	12.1	1,863	190	10.2	204	11.0
Alaska.....	307	70	22.8	75	24.4	304	60	19.6	66	21.7
Arizona.....	2,593	138	5.3	173	6.7	2,661	138	5.2	163	6.1
Arkansas.....	1,108	52	4.7	60	5.4	1,155	58	5.1	74	6.4
California.....	15,135	2,472	16.3	2,652	17.5	15,657	2,486	15.9	2,689	17.2
Colorado.....	2,328	221	9.5	250	10.7	2,310	194	8.4	215	9.3
Connecticut.....	1,564	231	14.8	245	15.7	1,587	269	17.0	277	17.4
Delaware.....	384	38	9.9	43	11.3	412	38	9.2	43	10.4
District of Columbia.....	325	28	8.6	35	10.7	334	35	10.4	40	12.1
Florida.....	8,042	455	5.7	561	7.0	7,994	546	6.8	671	8.4
Georgia.....	3,926	170	4.3	193	4.9	4,016	162	4.0	206	5.1
Hawaii.....	572	124	21.8	131	22.9	583	119	20.4	126	21.7
Idaho.....	641	34	5.3	43	6.7	679	46	6.8	50	7.3
Illinois.....	5,500	831	15.1	880	16.0	5,566	847	15.2	892	16.0
Indiana.....	2,802	299	10.7	335	12.0	2,828	283	10.0	319	11.3
Iowa.....	1,459	156	10.7	184	12.6	1,435	138	9.6	174	12.2
Kansas.....	1,287	95	7.4	116	9.0	1,255	110	8.7	136	10.8
Kentucky.....	1,714	189	11.0	219	12.8	1,705	187	11.0	207	12.1
Louisiana.....	1,834	96	5.2	118	6.4	1,847	107	5.8	126	6.8
Maine.....	566	62	11.0	71	12.5	549	64	11.6	75	13.6
Maryland.....	2,612	310	11.9	347	13.3	2,757	287	10.4	337	12.2
Massachusetts.....	3,036	415	13.7	445	14.7	3,103	402	12.9	441	14.2
Michigan.....	4,028	585	14.5	631	15.7	4,083	621	15.2	672	16.5
Minnesota.....	2,538	360	14.2	380	15.0	2,565	363	14.2	385	15.0
Mississippi.....	1,028	38	3.7	46	4.5	1,103	60	5.4	75	6.8
Missouri.....	2,559	214	8.4	249	9.7	2,615	230	8.8	257	9.8
Montana.....	414	52	12.7	57	13.8	427	52	12.2	59	13.9
Nebraska.....	877	64	7.3	79	9.0	882	68	7.7	80	9.0
Nevada.....	1,173	169	14.4	192	16.4	1,232	177	14.3	203	16.5
New Hampshire.....	626	62	9.9	72	11.5	641	62	9.7	73	11.4
New Jersey.....	3,860	635	16.5	664	17.2	3,880	596	15.4	644	16.6
New Mexico.....	763	43	5.7	56	7.4	782	49	6.2	61	7.9
New York.....	8,060	1,980	24.6	2,081	25.8	8,249	2,038	24.7	2,141	26.0
North Carolina.....	3,936	76	1.9	126	3.2	4,089	123	3.0	167	4.1
North Dakota.....	353	18	5.0	24	6.9	352	19	5.4	24	6.8
Ohio.....	4,958	615	12.4	688	13.9	4,914	606	12.3	670	13.6
Oklahoma.....	1,465	89	6.0	106	7.2	1,567	88	5.6	116	7.4
Oregon.....	1,554	243	15.6	264	17.0	1,586	235	14.8	256	16.2
Pennsylvania.....	5,525	703	12.7	754	13.7	5,601	747	13.3	804	14.4
Rhode Island.....	453	68	15.1	72	15.8	483	68	14.2	72	14.9
South Carolina.....	1,884	41	2.2	61	3.2	1,960	41	2.1	57	2.9
South Dakota.....	363	18	4.9	22	6.0	382	22	5.9	26	6.9
Tennessee.....	2,514	127	5.0	141	5.6	2,693	146	5.4	175	6.5
Texas.....	11,205	543	4.8	700	6.2	11,177	503	4.5	626	5.6
Utah.....	1,236	46	3.7	57	4.6	1,274	50	3.9	67	5.2
Vermont.....	286	32	11.1	37	13.1	284	36	12.6	42	14.7
Virginia.....	3,665	179	4.9	228	6.2	3,736	202	5.4	258	6.9
Washington.....	2,914	491	16.8	536	18.4	2,977	500	16.8	536	18.0
West Virginia.....	687	73	10.6	80	11.6	665	83	12.4	91	13.7
Wisconsin.....	2,626	306	11.7	327	12.5	2,682	223	8.3	253	9.4
Wyoming.....	255	17	6.7	19	7.5	261	19	7.1	22	8.2

¹ Data refer to members of a labor union or an employee association similar to a union.

² Data refer to both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

NOTE: Data refer to the sole or principal job of full- and part-time wage and salary workers. All self-employed workers are excluded, both those with incorporated businesses as well as those with unincorporated businesses. Updated population controls are introduced annually with the release of January data.

Chart 1. Union membership rates by state, 2015 annual averages

(U.S. rate = 11.1 percent)

