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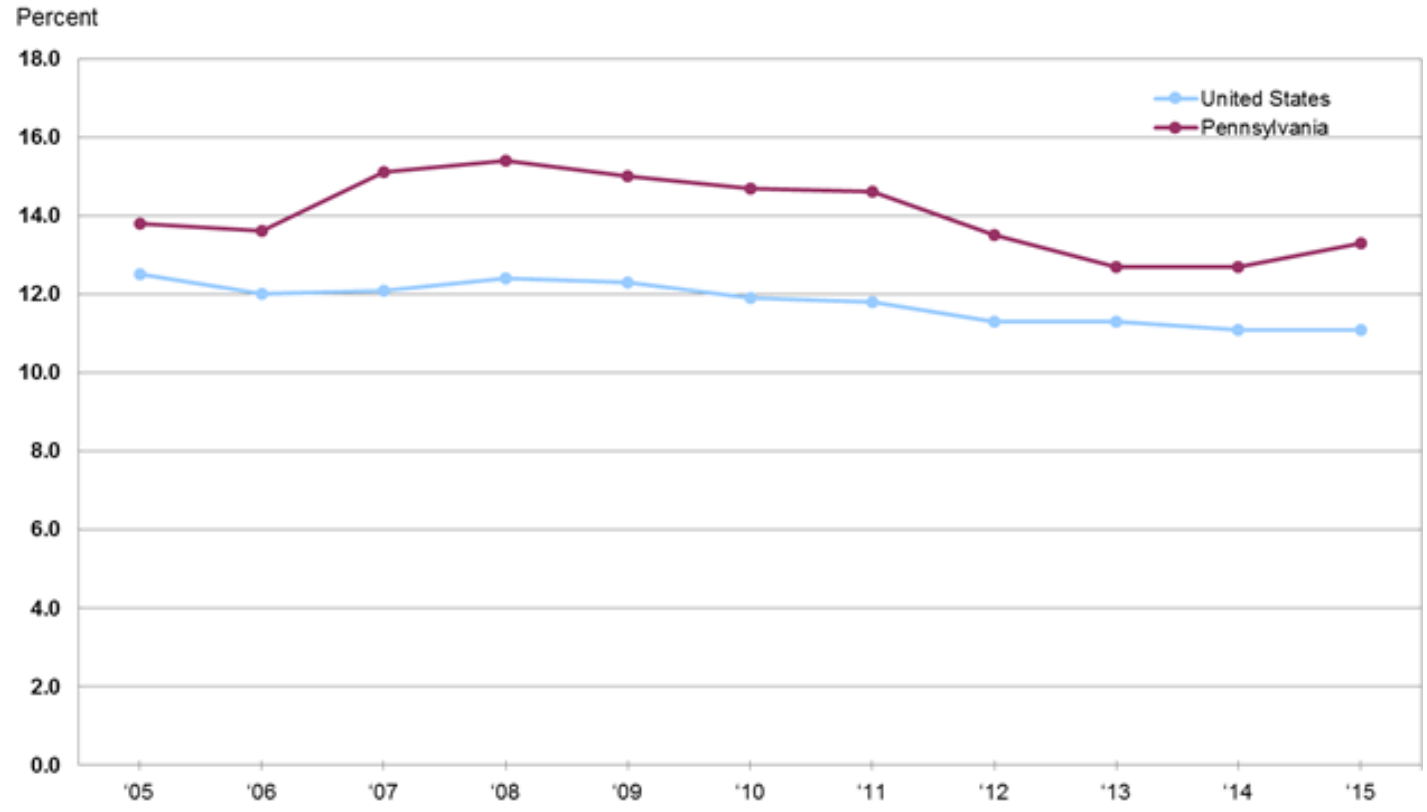
# Union Members in Pennsylvania – 2015

In 2015, union members accounted for 13.3 percent of wage and salary workers in Pennsylvania, compared with 12.7 percent in 2014, the U.S. Bureau of Labor Statistics reported today. Regional Commissioner Sheila Watkins noted that the union membership rate for the state was at its peak in 1989, when it averaged 20.9 percent, and at its lowest point in 2013 and 2014 at 12.7 percent. (See chart 1 and table A.) Nationwide, union members accounted for 11.1 percent of employed wage and salary workers in 2015, unchanged from 2014. Despite the general decline in Pennsylvania's union membership rate since 1989, when comparable state data became available, it has remained above the U.S. average.

**Chart 1. Members of unions as a percent of the employed in the United States and Pennsylvania, 2005-2015**




Source: U.S. Bureau of Labor Statistics.

Pennsylvania had 747,000 union members in 2015. In addition to these members, another 57,000 workers were represented by a union on their main job or were covered by an employee association or contract while not union members themselves. (See table A.) Nationwide, 14.8 million wage and salary workers were union members in 2015 and 1.6 million wage and salary workers were not affiliated with a union but had jobs covered by a union contract.

**Table A. Union affiliation of employed wage and salary workers in Pennsylvania, annual averages 2005-2015 (numbers in thousands)**

| Year | Total employed | Members of unions[1] | | Represented by unions[2] | |
|---|---|---|---|---|---|
| | | Total | Percent of employed | Total | Percent of employed |
| 2005 | 5,456 | 753 | 13.8 | 818 | 15.0 |
| 2006 | 5,457 | 745 | 13.6 | 802 | 14.7 |
| 2007 | 5,496 | 830 | 15.1 | 910 | 16.6 |
| 2008 | 5,504 | 847 | 15.4 | 899 | 16.3 |
| 2009 | 5,220 | 782 | 15.0 | 844 | 16.2 |
| 2010 | 5,224 | 770 | 14.7 | 831 | 15.9 |
| 2011 | 5,348 | 779 | 14.6 | 846 | 15.8 |
| 2012 | 5,452 | 734 | 13.5 | 787 | 14.4 |
| 2013 | 5,501 | 701 | 12.7 | 754 | 13.7 |
| 2014 | 5,525 | 703 | 12.7 | 754 | 13.7 |
| 2015 | 5,601 | 747 | 13.3 | 804 | 14.4 |

Footnotes:
(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 workes 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 ans slary 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.

In 2015, 20 states had union membership rates above the U.S. average, of which 9 had rates above 15.0 percent. (See table 1.) Of the nine states with the highest rates, four bordered the Pacific Ocean, three were located in the Northeast, and the remaining two states were in the Midwest. (See chart 2.) New York had the highest rate, at 24.7 percent, followed by Hawaii (20.4 percent) and Alaska (19.6 percent). New York has had the highest union membership rate in the nation for 19 of the past 21 years.

Thirty states and the District of Columbia had union membership rates below the national average of 11.1 percent in 2015. Five of these states had union membership rates below 5.0 percent. Among these five states, four were located in the South and one in the West. South Carolina had the lowest rate at 2.1 percent. The next lowest rates were in North Carolina (3.0 percent), Utah (3.9 percent), Georgia (4.0 percent), and Texas (4.5 percent). 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.

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 United States lived in just seven states (California, 2.5 million; New York, 2.0 million; Illinois, 0.8 million; Pennsylvania, 0.7 million; and Michigan, New Jersey, and Ohio, 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 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/cps15adj.pdf.

### 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 upon 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 discussion in this release preserves the longtime 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 https://www.bls.gov/cps/documentation.htm.

### 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.

*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.

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.

**Table 1. 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 |

Note: See footnotes at end of table.

Footnotes
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(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.
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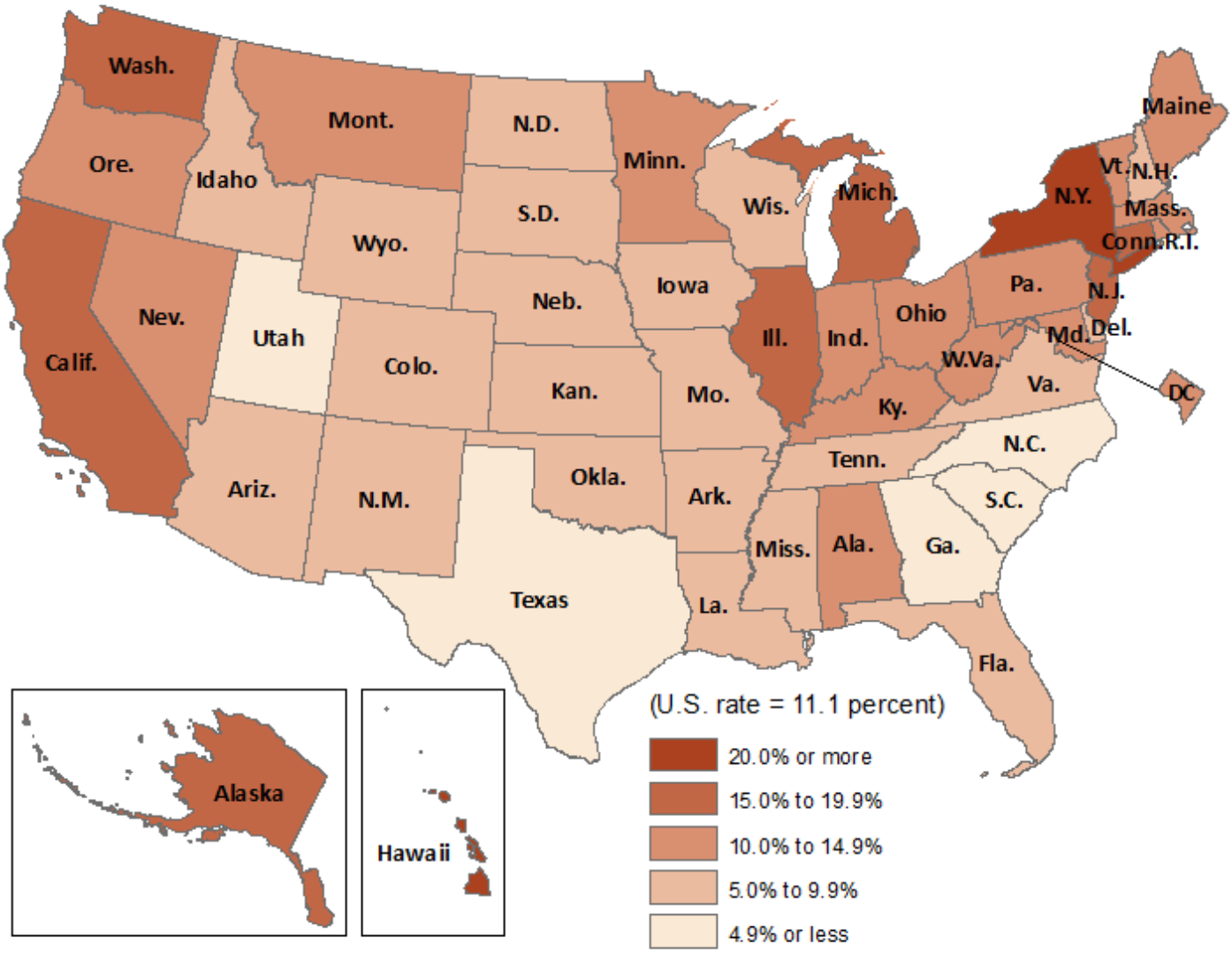
Chart 2. Union membership rates by state, 2015 annual averages




Source: U.S. Bureau of Labor Statistics.