



For release 10:00 a.m. (EDT) Tuesday, July 19, 2016

USDL-16-1492

Technical information: (202) 691-6378 • cpsinfo@bls.gov • www.bls.gov/cps

Media contact: (202) 691-5902 • PressOffice@bls.gov

(NOTE: This news release was reissued on October 20, 2016, due to the correction of May 2016 through August 2016 CPI data. The estimate in table 1 for seasonally adjusted median weekly earnings for men in constant (1982-84) dollars for the second quarter of 2016 was revised. No other median weekly earnings data changed.)

USUAL WEEKLY EARNINGS OF WAGE AND SALARY WORKERS SECOND QUARTER 2016

Median weekly earnings of the nation's 111.2 million full-time wage and salary workers were \$824 in the second quarter of 2016 (not seasonally adjusted), the U.S. Bureau of Labor Statistics reported today. This was 2.9 percent higher than a year earlier, compared with a gain of 1.1 percent in the Consumer Price Index for All Urban Consumers (CPI-U) over the same period.

Data on usual weekly earnings are collected as part of the Current Population Survey, a nationwide sample survey of households in which respondents are asked, among other things, how much each wage and salary worker usually earns. (See the Technical Note in this news release.) Data shown in this release are not seasonally adjusted unless otherwise specified. Highlights from the second-quarter data are:

- **Median weekly earnings** of full-time workers were \$824 in the second quarter of 2016. **Women** had median weekly earnings of \$744, or 81.8 percent of the \$909 median for **men**. (See table 2.)
- The women's-to-men's earnings ratio varied by race and ethnicity. White women earned 80.7 percent as much as their male counterparts, compared with Black women (91.8 percent), Asian women (79.1 percent), and Hispanic women (89.1 percent). (See table 2.)
- Among the major **race and ethnicity groups**, median weekly earnings for Black men working at full-time jobs were \$704, or 74.8 percent of the median for White men (\$941). The difference was less among women, as Black women's median earnings (\$646) were 85.1 percent of those for White women (\$759). Overall, median earnings of Hispanics who worked full time (\$618) were lower than those of Blacks (\$677), Whites (\$854), and Asians (\$1,021). (See table 2.)
- By **age**, median weekly earnings were not much different for men ages 35 to 44 (\$1,024), 45 to 54 (\$1,063), 55 to 64 (\$1,054), and 65 and over (\$1,032) in the second quarter of 2016. For

women, usual weekly earnings were highest for those ages 35 to 44 (\$845) and 45 to 54 (\$829). Workers age 16 to 24 had the lowest median weekly earnings, at \$492. (See table 3.)

- Among the major **occupational groups**, persons employed full time in management, professional, and related occupations had the highest median weekly earnings—\$1,405 for men and \$1,019 for women. Men and women employed in service jobs earned the least, \$564 and \$480, respectively. (See table 4.)
- By educational attainment, full-time workers age 25 and over without a high school diploma had median weekly earnings of \$499, compared with \$690 for high school graduates (no college) and \$1,249 for those holding at least a bachelor's degree. Among college graduates with advanced degrees (professional or master's degree and above), the highest earning 10 percent of male workers made \$3,517 or more per week, compared with \$2,593 or more for their female counterparts. (See table 5.)
- **Seasonally adjusted median weekly earnings** were \$828 in the second quarter of 2016, essentially unchanged from the previous quarter (\$823). (See table 1.)

Technical Note

The estimates in this release were 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 (BLS) by the U.S. Census Bureau using a scientifically selected national sample of about 60,000 eligible households, with coverage in all 50 states and the District of Columbia. The earnings data are collected from one-fourth of the CPS monthly sample and are limited to wage and salary workers. All self-employed workers, both incorporated and unincorporated, are excluded from CPS earnings estimates.

Material in this news release is in the public domain and may be used without permission. This information is available to sensory impaired individuals upon request. Voice telephone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Definitions

The principal definitions used in connection with the earnings data in this news release are described briefly below.

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, or 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 determined by each respondent's own understanding of the term. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

Medians (and other quantiles) of weekly earnings. The median (or upper limit of the second quartile) is the midpoint in a given earnings distribution, with half of workers having earnings above the median and the other half having earnings below the median. Ten percent of a given distribution have earnings below the upper limit of the first decile (90 percent have higher earnings), 25 percent have earnings below the upper limit of the first quartile (75 percent have higher earnings), 75 percent have earnings below the upper limit of the third quartile (25 percent have higher earnings), and 90 percent have earnings below the upper limit of the ninth decile (10 percent have higher earnings).

The BLS procedure for estimating the median of an earnings distribution places each reported or calculated weekly earnings value into a \$50-wide interval that is centered around a multiple of \$50. The median is calculated through the linear interpolation of the interval in which the median lies.

Changes over time in the medians (and other quantile boundaries) for specific groups may not necessarily be consistent with the movements estimated for the overall quantile boundary. The most common reasons for this possible anomaly are as follows: (1) there could be a change in the relative weights of the subgroups. For example, the median of 16- to 24-year-olds and the median earnings of those 25 years and over may rise, but if the lower earning 16to-24 age group accounts for a greatly increased share of the total, the overall median could actually fall. (2) there could be a large change in the shape of the distribution of reported earnings, particularly near a quantile boundary. This change could be caused by survey observations that are clustered at rounded values, such as \$400 or \$500. An estimate lying in a \$50-wide centered interval containing such a cluster or "spike" tends to change more slowly than one in other intervals.

Constant dollars. The Consumer Price Index for All Urban Consumers (CPI-U) is used to convert current dollars to constant (1982-84) dollars.

Wage and salary workers. These are workers who receive wages, salaries, commissions, tips, payment in kind, or piece rates. The group includes employees in both the private and public sectors but, for the purposes of the earnings series, it excludes all self-employed persons, both those with incorporated businesses and those with unincorporated businesses.

Full-time workers. For the purpose of producing estimates of earnings, workers who usually work 35 hours or more per week at their sole or principal job are defined as working full time.

Part-time workers. For the purpose of producing estimates of earnings, workers who usually work fewer than 35 hours per week at their sole or principal job are defined as working part time.

Race. In the survey process, race is determined by the household respondent. In accordance with the Office of Management and Budget guidelines, white, black or African American, Asian, American Indian or Alaska Native, and Native Hawaiian or Other Pacific Islander are terms used to describe a person's race. Estimates for the latter two race groups and persons who selected more than one race are not included in this release due to insufficient sample size.

Hispanic or Latino ethnicity. This refers to people who identified themselves in the survey process as being of Hispanic, Latino, or Spanish origin. People whose ethnicity is identified as Hispanic or Latino may be of any race.

Reliability

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 component of this difference that occurs because samples differ by chance is known as *sampling error*, and its 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 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.

Additional information about the reliability of data from the CPS is available on the BLS website at www.bls.gov/cps/documentation.htm#reliability.

Seasonal adjustment

Over the course of a year, the size of the nation's labor force and other measures of labor market activity undergo regularly occurring fluctuations. These recurring events include seasonal changes in weather, major holidays, and the opening and closing of schools. The effect of such seasonal variations can be very large.

Because seasonal events follow a more or less regular pattern each year, their influence on the level of a series can be tempered by adjusting for regular seasonal variation. These adjustments make nonseasonal developments easier to spot. The seasonally adjusted figures provide a more useful tool with which to analyze changes in quarter-to-quarter activity.

At the end of each calendar year, the seasonally adjusted data are revised for the past 5 years when the seasonal adjustment factors are updated. More information on seasonal adjustment is available on the BLS website at www.bls.gov/cps/documentation.htm#sa.

Table 1. Median usual weekly earnings of full-time wage and salary workers by sex, quarterly averages, seasonally adjusted

| seasonally adjusted | | nber of wor | | Median weekly earnings | | | | | |
|------------------------|--------------------|------------------|------------------|--------------------------------------------|------------|-------------|-------------|------------|-------------|
| Year and quarter | (. | | | In current dollars In constant (1982-84) d | | | | 4) dollars | |
| · | Total | Men | Women | Total \$ | Men \$ | Women \$ | Total \$ | Men \$ | Women \$ |
| 2007 | | | | | | | | | |
| 2nd Quarter | 106,827 | 60,351 | 46,476 | 693 | 765 | 610 | 335 | 370 | 295 |
| 3rd Quarter | 107,156 | 60,216 | 46,940 | 698 | 774 | 621 | 336 | 372 | 298 |
| 4th Quarter | 108,178 | 60,508 | 47,670 | 700 | 774 | 615 | 332 | 368 | 292 |
| 2008 | | | | | | | | | |
| 1st Quarter | 107,786 | 60,378 | 47,408 | 713 | 783 | 633 | 335 | 368 | 298 |
| 2nd Quarter | 107,046 | 59,586 | 47,460 | 722 | 802 | 636 | 335 | 372 | 295 |
| 3rd Quarter | 106,136 | 59,273 | 46,863 | 724 | 802 | 637 | 331 | 367 | 291 |
| 4th Quarter | 105,617 | 58,511 | 47,106 | 727 | 806 | 647 | 340 | 377 | 302 |
| 2009 | | | | | | | | | |
| 1st Quarter | 101,683 | 56,302 | 45,381 | 732 | 815 | 645 | 345 | 384 | 304 |
| 2nd Quarter | 99,996 | 55,233 | 44,763 | 737 | 818 | 652 | 345 | 383 | 305 |
| 3rd Quarter | 99,050 | 54,481 | 44,569 | 742 | 820 | 664 | 345 | 381 | 309 |
| 4th Quarter | 98,555 | 54,410 | 44,145 | 747 | 823 | 666 | 344 | 379 | 307 |
| 2010 | | | | | | | | | |
| 1st Quarter | 98,143 | 54,098 | 44,045 | 748 | 836 | 662 | 344 | 384 | 304 |
| 2nd Quarter | 99,605 | 55,028 | 44,577 | 742 | 814 | 671 | 342 | 374 | 309 |
| 3rd Quarter | 1 ' | 55,620 | 44,792 | 746 | 821 | 670 | 342 | 377 | 308 |
| 4th Quarter | 99,958 | 55,486 | 44,472 | 750 | 826 | 676 | 341 | 376 | 308 |
| 2011 | | | | | | | | | |
| 1st Quarter | 99,670 | 55,337 | 44,333 | 750 | 821 | 679 | 338 | 370 | 306 |
| 2nd Quarter | 100,347 | 55,821 | 44,526 | 754 | 830 | 687 | 336 | 370 | 306 |
| 3rd Quarter | 100,495 | 56,046 | 44,449 | 760 | 836 | 681 | 336 | 370 | 301 |
| 4th Quarter | 101,337 | 56,687 | 44,650 | 760 | 838 | 686 | 335 | 369 | 302 |
| 2012 | 400.450 | F7.400 | 45.044 | 704 | 0.44 | 000 | 005 | 000 | 000 |
| 1st Quarter. | 102,150 | 57,109 | 45,041 | 764 | 841 | 693 | 335 | 368 | 303 |
| 2nd Quarter3rd Quarter | 102,510 102,632 | 57,065 | 45,445 45,413 | 772 766 | 870 836 | 687 693 | 337 333 | 380 364 | 300 302 |
| 4th Quarter | 102,032 | 57,219 57,770 | 45,957 | 772 | 868 | 691 | 333 | 375 | 298 |
| 2013 | 100,727 | 37,770 | 45,557 | 112 | 000 | 031 | 333 | 070 | 250 |
| 1st Quarter | 103,886 | 57,896 | 45,989 | 768 | 860 | 699 | 331 | 370 | 301 |
| 2nd Quarter | 103,947 | 57,909 | 46,037 | 777 | 866 | 706 | 335 | 373 | 304 |
| 3rd Quarter | 104,515 | 58,128 | 46,387 | 779 | 855 | 706 | 334 | 367 | 303 |
| 4th Quarter | 104,733 | 58,064 | 46,669 | 782 | 862 | 712 | 334 | 368 | 304 |
| 2014 | | | | | | | | | |
| 1st Quarter | 105,544 | 58,692 | 46,852 | 790 | 865 | 716 | 335 | 367 | 304 |
| 2nd Quarter | 106,351 | 59,476 | 46,875 | 782 | 861 | 715 | 330 | 364 | 302 |
| 3rd Quarter | 106,892 | 59,618 | 47,273 | 798 | 879 | 722 | 336 | 370 | 304 |
| 4th Quarter | 107,336 | 60,025 | 47,310 | 794 | 876 | 723 | 335 | 369 | 305 |
| 2015 | | | | | | | | | |
| 1st Quarter | 108,377 | 60,386 | 47,991 | 801 | 887 | 723 | 340 | 377 | 307 |
| 2nd Quarter | 108,597 | 60,409 | 48,188 | 804 | 891 | 726 | 339 | 376 | 306 |
| 3rd Quarter | 109,459 | 61,073 | 48,386 | 811 | 898 | 728 | 341 | 378 | 306 |
| 4th Quarter | 109,894 | 61,119 | 48,776 | 820 | 901 | 728 | 344 | 378 | 306 |
| 2016 | | | | | | | | | |
| 1st Quarter | 110,322 | 61,629 | 48,693 | 823 | 904 | 743 | 346 | 380 | 312 |
| 2nd Quarter | 110,996 | 61,837 | 49,159 | 828 | 913 | 744 | 346 | 382 | 311 |

NOTE: Updated population controls are introduced annually with the release of January data.

Table 2. Median usual weekly earnings of full-time wage and salary workers by selected characteristics,

quarterly averages, not seasonally adjusted

| | | of workers usands) | Median weekly earnings | | | | |
|---------------------------------------------|-------------|-----------------------|------------------------|-------------|----------------------------------|-------------|--|
| Characteristic | 2nd 2015 | 2nd 2016 | In current dollars | | In constant (1982-84) dollars | | |
| | | | 2nd 2015 | 2nd 2016 | 2nd 2015 | 2nd 2016 | |
| SEX AND AGE | | | | | | | |
| Total, 16 years and over | 108,769 | 111,166 | \$801 | \$824 | \$337 | \$343 | |
| Men, 16 years and over | 60,638 | 62,045 | 886 | 909 | 373 | 378 | |
| 16 to 24 years | 5,335 | 5,724 | 497 | 505 | 209 | 210 | |
| 25 years and over | 55,303 | 56,320 | 942 | 967 | 396 | 403 | |
| Women, 16 years and over | 48,131 | 49,121 | 726 | 744 | 305 | 310 | |
| 16 to 24 years | 4,313 | 4,415 | 444 | 470 | 187 | 196 | |
| 25 years and over | 43,818 | 44,706 | 759 | 777 | 319 | 324 | |
| RACE, HISPANIC OR LATINO ETHNICITY, AND SEX | | | | | | | |
| White | 85,383 | 86,638 | 829 | 854 | 349 | 356 | |
| Men | 48,785 | 49,241 | 914 | 941 | 385 | 392 | |
| Women | 36,598 | 37,397 | 742 | 759 | 312 | 316 | |
| Black or African American | 13,566 | 13,954 | 647 | 677 | 272 | 282 | |
| Men | 6,442 | 6,838 | 696 | 704 | 293 | 293 | |
| Women | 7,124 | 7,116 | 615 | 646 | 259 | 269 | |
| Asian | 6,608 | 7,085 | 965 | 1,021 | 406 | 425 | |
| Men | 3,612 | 3,963 | 1,085 | 1,147 | 457 | 478 | |
| Women | 2,996 | 3,122 | 836 | 907 | 352 | 378 | |
| Hispanic or Latino ethnicity | 18,240 | 18,956 | 601 | 618 | 253 | 257 | |
| Men | 11,102 | 11,718 | 619 | 652 | 260 | 272 | |
| Women | 7,138 | 7,238 | 572 | 581 | 241 | 242 | |

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. Updated population controls are introduced annually with the release of January data.

Table 3. Median usual weekly earnings of full-time wage and salary workers by age, race, Hispanic or Latino ethnicity, and sex, 2nd quarter 2016 averages, not seasonally adjusted

| | Total | | Men | | Women | |
|---------------------------------------------|-------------------------------------------|------------------------------|-------------------------------------------|------------------------------|-------------------------------------------|------------------------------|
| Age, race, and Hispanic or Latino ethnicity | Number of workers (in thousands) | Median weekly earnings | Number of workers (in thousands) | Median weekly earnings | Number of workers (in thousands) | Median weekly earnings |
| TOTAL | | | | | | |
| 16 years and over | 111,166 | \$824 | 62,045 | \$909 | 49,121 | \$744 |
| 16 to 24 years | 10,140 | 492 | 5,724 | 505 | 4,415 | 470 |
| 16 to 19 years | 1,298 | 404 | 730 | 422 | 568 | 390 |
| 20 to 24 years | 8,842 | 505 | 4,995 | 516 | 3,847 | 489 |
| 25 years and over | 101,026 | 880 | 56,320 | 967 | 44,706 | 777 |
| 25 to 54 years | 78,468 | 865 | 44,133 | 944 | 34,336 | 774 |
| 25 to 34 years | 27,500 | 753 | 15,589 | 791 | 11,911 | 710 |
| 35 to 44 years | 25,270 | 943 | 14,406 | 1,024 | 10,863 | 845 |
| 45 to 54 years | 25,699 | 948 | 14,137 | 1,063 | 11,562 | 829 |
| 55 years and over | 22,558 | 928 | 12,188 | 1,049 | 10,370 | 785 |
| 55 to 64 years | 18,532 | 935 | 9,877 | 1,054 | 8,655 | 795 |
| 65 years and over | 4,026 | 898 | 2,311 | 1,032 | 1,715 | 736 |
| White | | | | | | |
| 16 years and over | 86,638 | 854 | 49,241 | 941 | 37,397 | 759 |
| 16 to 24 years | 7,961 | 500 | 4,612 | 510 | 3,349 | 483 |
| 25 years and over | 78,677 | 907 | 44,629 | 997 | 34,049 | 797 |
| 25 to 54 years | 60,196 | 893 | 34,539 | 971 | 25,657 | 799 |
| 55 years and over | 18,481 | 959 | 10,090 | 1,114 | 8,392 | 791 |
| Black or African American | | | | | | |
| 16 years and over | 13,954 | 677 | 6,838 | 704 | 7,116 | 646 |
| 16 to 24 years | 1,239 | 423 | 626 | 462 | 612 | 408 |
| 25 years and over | 12,716 | 708 | 6,212 | 731 | 6,504 | 684 |
| 25 to 54 years | 10,302 | 698 | 5,058 | 718 | 5,244 | 675 |
| 55 years and over | 2,413 | 771 | 1,154 | 819 | 1,260 | 739 |
| Asian | | | | | | |
| 16 years and over | 7,085 | 1,021 | 3,963 | 1,147 | 3,122 | 907 |
| 16 to 24 years | 392 | 519 | 212 | 520 | 180 | 515 |
| 25 years and over | 6,693 | 1,063 | 3,751 | 1,190 | 2,942 | 945 |
| 25 to 54 years | 5,436 | 1,114 | 3,029 | 1,249 | 2,407 | 982 |
| 55 years and over | 1,257 | 885 | 722 | 943 | 535 | 833 |
| Hispanic or Latino ethnicity | | | | | | |
| 16 years and over | 18,956 | 618 | 11,718 | 652 | 7,238 | 581 |
| 16 to 24 years | 2,455 | 476 | 1,510 | 481 | 945 | 461 |
| 25 years and over | 16,501 | 658 | 10,208 | 692 | 6,294 | 605 |
| 25 to 54 years | 14,173 | 650 | 8,821 | 683 | 5,351 | 602 |
| 55 years and over | 2,329 | 705 | 1,386 | 767 | 942 | 624 |

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. Updated population controls are introduced annually with the release of January data.

Table 4. Median usual weekly earnings of full-time wage and salary workers by occupation and sex, quarterly averages, not seasonally adjusted

| Occupation and say | | of workers usands) | Median weekly earnings | | |
|--------------------------------------------------------------|-------------|-----------------------|------------------------|-------------|--|
| Occupation and sex | 2nd 2015 | 2nd 2016 | 2nd 2015 | 2nd 2016 | |
| TOTAL | | | | | |
| Management, professional, and related occupations | 44,819 | 46,153 | \$1,147 | \$1,174 | |
| Management, business, and financial operations occupations | 18,400 | 19,031 | 1,243 | 1,260 | |
| Professional and related occupations | 26,420 | 27,122 | 1,097 | 1,138 | |
| Service occupations | 15,313 | 15,275 | 506 | 512 | |
| Sales and office occupations | 23,601 | 23,712 | 668 | 688 | |
| Sales and related occupations. | 9,724 | 9,872 | 688 | 730 | |
| Office and administrative support occupations | 13,876 | 13,840 | 661 | 673 | |
| Natural resources, construction, and maintenance occupations | 10,604 | 10,935 | 750 | 771 | |
| Farming, fishing, and forestry occupations | 778 | 898 | 440 | 543 | |
| Construction and extraction occupations | 5,664 | 5,935 | 741 | 784 | |
| Installation, maintenance, and repair occupations | 4,162 | 4,102 | 835 | 819 | |
| Production, transportation, and material moving occupations | 14,431 | 15,092 | 653 | 663 | |
| Production occupations. | 7,525 | 8,105 | 666 | 662 | |
| Transportation and material moving occupations | 6,906 | 6,986 | 634 | 664 | |
| | 0,000 | 0,000 | 001 | 001 | |
| Men | 04.000 | 00.004 | 4.057 | 4 405 | |
| Management, professional, and related occupations | 21,899 | 22,304 | 1,357 | 1,405 | |
| Management, business, and financial operations occupations | 10,126 | 10,191 | 1,401 | 1,441 | |
| Professional and related occupations | 11,773 | 12,114 | 1,319 | 1,377 | |
| Service occupations | 7,732 | 7,703 | 587 | 564 | |
| Sales and office occupations | 9,395 | 9,535 | 765 | 775 | |
| Sales and related occupations | 5,373 | 5,446 | 864 | 882 | |
| Office and administrative support occupations | 4,023 | 4,088 | 683 | 695 | |
| Natural resources, construction, and maintenance occupations | 10,194 | 10,491 | 761 | 778 | |
| Farming, fishing, and forestry occupations | 607 | 699 | 448 | 570 | |
| Construction and extraction occupations | 5,531 | 5,818 | 742 | 786 | |
| Installation, maintenance, and repair occupations | 4,056 | 3,973 | 838 | 818 | |
| Production, transportation, and material moving occupations | 11,418 | 12,012 | 702 | 708 | |
| Production occupations | 5,508 | 5,983 | 734 | 722 | |
| Transportation and material moving occupations | 5,909 | 6,028 | 663 | 694 | |
| Women | | | | | |
| Management, professional, and related occupations | 22,920 | 23,848 | 987 | 1,019 | |
| Management, business, and financial operations occupations | 8,274 | 8,840 | 1,064 | 1,073 | |
| Professional and related occupations. | 14,647 | 15,009 | 953 | 994 | |
| Service occupations | 7,582 | 7,572 | 457 | 480 | |
| Sales and office occupations | 14,205 | 14,177 | 632 | 645 | |
| Sales and related occupations | 4,352 | 4,426 | 556 | 580 | |
| Office and administrative support occupations. | 9,853 | 9,751 | 655 | 666 | |
| Natural resources, construction, and maintenance occupations | 410 | 444 | 507 | 552 | |
| Farming, fishing, and forestry occupations | 172 | 199 | 427 | 459 | |
| Construction and extraction occupations. | 133 | 117 | 700 | 685 | |
| Installation, maintenance, and repair occupations | 106 | 128 | 603 | 848 | |
| Production, transportation, and material moving occupations | 3,013 | 3,080 | 524 | 532 | |
| Production, transportation, and material moving occupations | 2,017 | 2,122 | 524 | 535 | |
| · | | • | | | |
| Transportation and material moving occupations | 996 | 958 | 524 | 528 | |

NOTE: Updated population controls are introduced annually with the release of January data.

Table 5. Quartiles and selected deciles of usual weekly earnings of full-time wage and salary workers by selected characteristics, 2nd quarter 2016 averages, not seasonally adjusted

| | Number of | Upper limit of: | | | | | |
|------------------------------------------------|------------------------------|-----------------|-------------------|--------------------------------|-------------------|-----------------|--|
| Characteristic | workers (in thousands) | First decile | First quartile | Second quartile (median) | Third quartile | Ninth decile | |
| SEX, RACE, AND HISPANIC OR LATINO ETHNICITY | | | | | | | |
| Total, 16 years and over | . 111,166 | \$395 | \$545 | \$824 | \$1,313 | \$1,997 | |
| Men | 62,045 | 413 | 587 | 909 | 1,454 | 2,281 | |
| Women | . 49,121 | 379 | 505 | 744 | 1,144 | 1,738 | |
| White | . 86,638 | 402 | 565 | 854 | 1,343 | 2,024 | |
| Men | . 49,241 | 420 | 601 | 941 | 1,484 | 2,289 | |
| Women | . 37,397 | 385 | 517 | 759 | 1,157 | 1,752 | |
| Black or African American | . 13,954 | 368 | 473 | 677 | 1,010 | 1,546 | |
| Men | . 6,838 | 383 | 494 | 704 | 1,095 | 1,713 | |
| Women | . 7,116 | 352 | 446 | 646 | 954 | 1,454 | |
| Asian | . 7,085 | 415 | 614 | 1,021 | 1,723 | 2,507 | |
| Men | . 3,963 | 478 | 682 | 1,147 | 1,893 | 2,881 | |
| Women | . 3,122 | 387 | 554 | 907 | 1,451 | 2,089 | |
| Hispanic or Latino ethnicity | . 18,956 | 352 | 436 | 618 | 940 | 1,426 | |
| Men | . 11,718 | 371 | 470 | 652 | 1,000 | 1,519 | |
| Women | . 7,238 | 332 | 411 | 581 | 856 | 1,316 | |
| EDUCATIONAL ATTAINMENT | | | | | | | |
| Total, 25 years and over | . 101,026 | 414 | 586 | 880 | 1,374 | 2,089 | |
| Less than a high school diploma | . 7,290 | 312 | 390 | 499 | 675 | 958 | |
| High school graduates, no college ¹ | . 25,656 | 385 | 499 | 690 | 993 | 1,414 | |
| Some college or associate degree | 1 | 410 | 555 | 767 | 1,136 | 1,563 | |
| Bachelor's degree and higher ² | | 606 | 853 | 1,249 | 1,889 | 2,887 | |
| Bachelor's degree only | | 578 | 779 | 1,155 | 1,752 | 2,612 | |
| Advanced degree | . 15,714 | 701 | 975 | 1,425 | 2,105 | 3,105 | |
| Men, 25 years and over | . 56,320 | 446 | 623 | 967 | 1,523 | 2,316 | |
| Less than a high school diploma | . 4,979 | 338 | 406 | 529 | 733 | 1,024 | |
| High school graduates, no college ¹ | . 15,903 | 411 | 549 | 762 | 1,122 | 1,570 | |
| Some college or associate degree | | 467 | 623 | 890 | 1,269 | 1,784 | |
| Bachelor's degree and higher ² | 1 | 658 | 968 | 1,431 | 2,179 | 3,229 | |
| Bachelor's degree only | 1 ' | 619 | 900 | 1,328 | 1,966 | 2,975 | |
| Advanced degree | . 7,784 | 757 | 1,127 | 1,621 | 2,422 | 3,517 | |
| Women, 25 years and over | 1 ' | 393 | 532 | 777 | 1,179 | 1,794 | |
| Less than a high school diploma | 1 | 288 | 350 | 421 | 562 | 719 | |
| High school graduates, no college ¹ | 1 ' | 353 | 440 | 596 | 806 | 1,089 | |
| Some college or associate degree | 1 | 383 | 496 | 673 | 938 | 1,306 | |
| Bachelor's degree and higher ² | 1 | 577 | 769 | 1,086 | 1,577 | 2,294 | |
| Bachelor's degree only | | 523 | 715 | 997 | 1,468 | 2,071 | |
| Advanced degree | . 7,930 | 663 | 898 | 1,245 | 1,827 | 2,593 | |

¹ Includes persons with a high school diploma or equivalent.

NOTE: Ten percent of all full-time wage and salary workers earn less than the upper limit of the first decile; 25 percent earn less than the upper limit of the first quartile; 50 percent earn less than the upper limit of the second quartile, or median; 75 percent earn less than the upper limit of the third quartile; and 90 percent earn less than the upper limit of the ninth decile. 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. Updated population controls are introduced annually with the release of January data.

² Includes persons with bachelor's, master's, professional, and doctoral degrees.

Table 6. Median usual weekly earnings of part-time wage and salary workers by selected characteristics, quarterly averages, not seasonally adjusted

| Characteristic | | of workers usands) | Median weekly earnings | | |
|---------------------------------------------|-------------|-----------------------|------------------------|-------------|--|
| Characteristic | 2nd 2015 | 2nd 2016 | 2nd 2015 | 2nd 2016 | |
| SEX AND AGE | | | | | |
| otal, 16 years and over | 24,825 | 24,808 | \$244 | \$250 | |
| Men, 16 years and over | 8,564 | 8,645 | 231 | 245 | |
| 16 to 24 years | 3,933 | 3,739 | 188 | 192 | |
| 25 years and over | 4,630 | 4,906 | 291 | 292 | |
| Women, 16 years and over | 16,261 | 16,163 | 250 | 253 | |
| 16 to 24 years | 4,771 | 4,745 | 192 | 190 | |
| 25 years and over | 11,491 | 11,419 | 281 | 288 | |
| RACE, HISPANIC OR LATINO ETHNICITY, AND SEX | | | | | |
| White | 19,513 | 19,578 | 247 | 252 | |
| Men | 6,601 | 6,893 | 232 | 245 | |
| Women | 12,912 | 12,685 | 254 | 256 | |
| Black or African American | 3,013 | 2,999 | 226 | 237 | |
| Men | 1,153 | 1,045 | 219 | 237 | |
| Women | 1,860 | 1,954 | 230 | 237 | |
| Asian | 1,275 | 1,280 | 250 | 267 | |
| Men | 455 | 415 | 243 | 252 | |
| Women | 820 | 865 | 253 | 280 | |
| Hispanic or Latino ethnicity | 4,097 | 3,987 | 232 | 241 | |
| Men | 1,472 | 1,452 | 241 | 246 | |
| Women | 2,625 | 2,535 | 227 | 238 | |

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. Updated population controls are introduced annually with the release of January data.