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USUAL WEEKLY EARNINGS OF WAGE AND SALARY WORKERS FOURTH QUARTER 2016

Median weekly earnings of the nation's 111.3 million full-time wage and salary workers were \$849 in the fourth 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 1.8 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 fourth-quarter data:

- **Median weekly earnings** of full-time workers were \$849 in the fourth quarter of 2016. **Women** had median weekly earnings of \$758, or 81.8 percent of the \$927 median for **men**. (See table 2.)
- The **women's-to-men's earnings ratio** varied by race and ethnicity. White women earned 81.1 percent as much as their male counterparts, compared with Black women (92.1 percent), Asian women (79.2 percent), and Hispanic women (86.9 percent). (See table 2.)
- Among the major **race and ethnicity groups**, median weekly earnings for Black men working at full-time jobs were \$706, or 73.6 percent of the median for White men (\$959). The difference was less among women, as Black women's median earnings (\$650) were 83.5 percent of those for White women (\$778). Overall, median earnings of Hispanics who worked full time (\$646) were lower than those of Blacks (\$675), Whites (\$881), and Asians (\$1,022). (See table 2.)
- Usual weekly earnings of full-time workers varied by **age**. Among men, those ages 55 to 64 and 45 to 54 had the highest median weekly earnings, at \$1,113 and \$1,102, respectively. For women, usual weekly earnings were highest for those ages 35 to 44 (\$859) and 45 to 54 (\$840). Workers age 16 to 24 had the lowest median weekly earnings, at \$516. (See table 3.)
- Among the major **occupational groups**, persons employed full time in management, professional, and related occupations had the highest median weekly earnings—\$1,443 for men and \$1,042 for women. Men and women employed in service jobs earned the least, \$608 and \$497, respectively. (See table 4.)

- By **educational attainment**, full-time workers age 25 and over without a high school diploma had median weekly earnings of \$519, compared with \$698 for high school graduates (no college) and \$1,270 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 \$3,893 or more per week, compared with \$2,547 or more for their female counterparts. (See table 5.)
- **Seasonally adjusted median weekly earnings** were \$843 in the fourth quarter of 2016, little changed from the previous quarter (\$835). (See table 1.)

Annual Averages for 2015 and 2016

In addition to the data for the fourth quarter, this news release includes 2015 and 2016 annual averages on median weekly earnings for major demographic and occupational groups, and 2016 annual average data for educational attainment groups. (See tables 7, 8, and 9.) Annual average data on median usual weekly earnings for men and women by detailed occupational categories will be posted online at <https://www.bls.gov/cps/tables.htm> when they become available.

Revision of Seasonally Adjusted Usual Weekly Earnings Data

Seasonally adjusted median usual weekly earnings data shown in table 1 of this news release have been revised using updated seasonal adjustment factors from the Current Population Survey, a procedure done at the end of each calendar year. The revisions directly affected the number of full-time wage and salary workers and current dollar estimates of median weekly earnings; estimates of constant (1982-84) dollar median weekly earnings were indirectly affected. Seasonally adjusted estimates back to the first quarter of 2012 were subject to revision.

The Usual Weekly Earnings news release for the first quarter of 2017, scheduled for release on April 18, 2017, will incorporate revisions to the seasonally adjusted data for the median weekly earnings in constant (1982-84) dollars. Seasonally adjusted constant (1982-84) dollar estimates back to the first quarter of 2012 will be subject to revision due to annual revisions to seasonally adjusted data for the Consumer Price Index for All Urban Consumers (CPI-U).

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.

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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 16-to-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

Year and quarter	Number of workers (in thousands)			Median weekly earnings					
	Total	Men	Women	In current dollars			In constant (1982-84) dollars		
				Total \$	Men \$	Women \$	Total \$	Men \$	Women \$
2007									
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.....	100,412	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									
1st Quarter.....	102,161	57,110	45,051	764	841	693	335	368	303
2nd Quarter.....	102,525	57,079	45,447	772	870	687	337	380	300
3rd Quarter.....	102,587	57,207	45,380	766	836	693	333	364	302
4th Quarter.....	103,748	57,772	45,977	771	868	690	333	375	298
2013									
1st Quarter.....	103,896	57,885	46,011	768	860	699	330	370	301
2nd Quarter.....	103,976	57,938	46,038	777	866	706	335	373	304
3rd Quarter.....	104,429	58,099	46,330	779	855	706	334	367	303
4th Quarter.....	104,784	58,081	46,703	782	862	712	334	368	304
2014									
1st Quarter.....	105,557	58,670	46,888	790	866	715	335	367	304
2nd Quarter.....	106,387	59,516	46,871	782	861	715	330	364	302
3rd Quarter.....	106,766	59,573	47,193	799	878	722	337	370	304
4th Quarter.....	107,413	60,059	47,354	794	876	723	335	369	305
2015									
1st Quarter.....	108,404	60,356	48,048	801	887	723	340	377	307
2nd Quarter.....	108,630	60,453	48,177	804	891	726	339	376	307
3rd Quarter.....	109,297	61,017	48,280	811	897	728	341	377	306
4th Quarter.....	109,997	61,164	48,833	820	901	728	344	379	306
2016									
1st Quarter.....	110,362	61,633	48,730	823	905	743	346	380	312
2nd Quarter.....	111,029	61,865	49,164	828	914	744	346	382	311
3rd Quarter.....	111,601	62,128	49,473	835	919	751	347	382	313
4th Quarter.....	111,361	62,094	49,268	843	922	757	348	380	312

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

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	4th 2015	4th 2016	In current dollars		In constant (1982-84) dollars	
			4th 2015	4th 2016	4th 2015	4th 2016
SEX AND AGE						
Total, 16 years and over.....	109,913	111,268	\$825	\$849	\$348	\$351
Men, 16 years and over.....	61,013	61,933	907	927	382	384
16 to 24 years.....	5,511	5,400	543	522	229	216
25 years and over.....	55,502	56,532	958	977	404	405
Women, 16 years and over.....	48,900	49,335	729	758	307	314
16 to 24 years.....	4,304	4,319	453	506	191	210
25 years and over.....	44,596	45,016	764	794	322	329
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX						
White.....	86,103	86,250	847	881	357	365
Men.....	48,944	49,288	931	959	393	397
Women.....	37,159	36,962	745	778	314	322
Black or African American.....	13,698	14,107	643	675	271	280
Men.....	6,486	6,733	674	706	284	292
Women.....	7,212	7,374	621	650	262	269
Asian.....	6,567	7,157	1,091	1,022	460	423
Men.....	3,628	3,907	1,178	1,147	496	475
Women.....	2,939	3,250	943	908	398	376
Hispanic or Latino ethnicity.....	18,272	19,021	624	646	263	267
Men.....	11,127	11,782	679	685	286	284
Women.....	7,145	7,238	570	595	240	246

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, 4th quarter 2016 averages, not seasonally adjusted

Age, race, and Hispanic or Latino ethnicity	Total		Men		Women	
	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.....	111,268	\$849	61,933	\$927	49,335	\$758
16 to 24 years.....	9,719	516	5,400	522	4,319	506
16 to 19 years.....	1,148	420	642	449	506	402
20 to 24 years.....	8,571	528	4,758	534	3,813	521
25 years and over.....	101,548	896	56,532	977	45,016	794
25 to 54 years.....	78,890	884	44,140	953	34,751	788
25 to 34 years.....	27,771	758	15,557	801	12,214	710
35 to 44 years.....	25,539	950	14,539	1,019	11,000	859
45 to 54 years.....	25,580	962	14,043	1,102	11,537	840
55 years and over.....	22,658	944	12,392	1,084	10,265	810
55 to 64 years.....	18,544	954	10,090	1,113	8,454	816
65 years and over.....	4,114	888	2,303	979	1,811	791
White						
16 years and over.....	86,250	881	49,288	959	36,962	778
16 to 24 years.....	7,421	524	4,197	541	3,224	509
25 years and over.....	78,829	926	45,091	1,006	33,738	822
25 to 54 years.....	60,428	911	34,791	974	25,637	823
55 years and over.....	18,402	985	10,301	1,153	8,101	821
Black or African American						
16 years and over.....	14,107	675	6,733	706	7,374	650
16 to 24 years.....	1,311	435	642	404	669	474
25 years and over.....	12,795	713	6,091	740	6,704	679
25 to 54 years.....	10,263	699	4,862	743	5,401	658
55 years and over.....	2,533	741	1,229	729	1,304	751
Asian						
16 years and over.....	7,157	1,022	3,907	1,147	3,250	908
16 to 24 years.....	462	614	258	621	204	597
25 years and over.....	6,695	1,066	3,649	1,172	3,046	933
25 to 54 years.....	5,527	1,126	3,081	1,212	2,446	934
55 years and over.....	1,168	945	568	984	601	931
Hispanic or Latino ethnicity						
16 years and over.....	19,021	646	11,782	685	7,238	595
16 to 24 years.....	2,127	500	1,316	520	811	455
25 years and over.....	16,894	676	10,466	712	6,428	614
25 to 54 years.....	14,611	677	9,065	709	5,546	617
55 years and over.....	2,282	671	1,401	738	881	596

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 sex	Number of workers (in thousands)		Median weekly earnings	
	4th 2015	4th 2016	4th 2015	4th 2016
TOTAL				
Management, professional, and related occupations.....	45,503	46,187	\$1,168	\$1,213
Management, business, and financial operations occupations.....	18,919	18,853	1,287	1,323
Professional and related occupations.....	26,584	27,334	1,129	1,153
Service occupations.....	14,909	15,890	520	540
Sales and office occupations.....	23,673	23,464	680	710
Sales and related occupations.....	9,749	9,841	724	763
Office and administrative support occupations.....	13,924	13,623	663	687
Natural resources, construction, and maintenance occupations.....	11,210	11,035	776	820
Farming, fishing, and forestry occupations.....	794	778	510	515
Construction and extraction occupations.....	5,855	6,063	775	809
Installation, maintenance, and repair occupations.....	4,561	4,195	823	911
Production, transportation, and material moving occupations.....	14,618	14,691	669	675
Production occupations.....	7,552	7,273	675	683
Transportation and material moving occupations.....	7,065	7,418	662	665
Men				
Management, professional, and related occupations.....	21,850	22,154	1,423	1,443
Management, business, and financial operations occupations.....	10,090	10,264	1,460	1,512
Professional and related occupations.....	11,760	11,889	1,393	1,373
Service occupations.....	7,561	8,156	607	608
Sales and office occupations.....	9,295	9,498	799	829
Sales and related occupations.....	5,449	5,670	864	932
Office and administrative support occupations.....	3,846	3,828	727	719
Natural resources, construction, and maintenance occupations.....	10,671	10,560	784	830
Farming, fishing, and forestry occupations.....	594	619	536	519
Construction and extraction occupations.....	5,706	5,867	777	813
Installation, maintenance, and repair occupations.....	4,371	4,074	823	909
Production, transportation, and material moving occupations.....	11,636	11,564	715	712
Production occupations.....	5,553	5,304	735	744
Transportation and material moving occupations.....	6,083	6,261	698	688
Women				
Management, professional, and related occupations.....	23,653	24,033	1,010	1,042
Management, business, and financial operations occupations.....	8,829	8,589	1,097	1,126
Professional and related occupations.....	14,824	15,445	970	1,014
Service occupations.....	7,348	7,733	471	497
Sales and office occupations.....	14,378	13,966	626	656
Sales and related occupations.....	4,300	4,171	567	598
Office and administrative support occupations.....	10,078	9,795	646	678
Natural resources, construction, and maintenance occupations.....	539	475	598	591
Farming, fishing, and forestry occupations.....	200	158	469	503
Construction and extraction occupations.....	149	196	729	622
Installation, maintenance, and repair occupations.....	191	120	823	944
Production, transportation, and material moving occupations.....	2,982	3,127	502	534
Production occupations.....	2,000	1,970	523	533
Transportation and material moving occupations.....	982	1,157	468	534

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, 4th quarter 2016 averages, not seasonally adjusted

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
SEX, RACE, AND HISPANIC OR LATINO ETHNICITY						
Total, 16 years and over.....	111,268	\$404	\$558	\$849	\$1,351	\$2,067
Men.....	61,933	423	597	927	1,492	2,316
Women.....	49,335	385	514	758	1,178	1,758
White.....	86,250	414	580	881	1,390	2,108
Men.....	49,288	441	616	959	1,530	2,365
Women.....	36,962	392	527	778	1,210	1,782
Black or African American.....	14,107	354	475	675	1,001	1,496
Men.....	6,733	364	474	706	1,012	1,563
Women.....	7,374	348	475	650	988	1,415
Asian.....	7,157	423	609	1,022	1,748	2,700
Men.....	3,907	442	669	1,147	1,918	2,923
Women.....	3,250	407	551	908	1,459	2,114
Hispanic or Latino ethnicity.....	19,021	374	473	646	981	1,483
Men.....	11,782	391	493	685	1,030	1,569
Women.....	7,238	337	422	595	882	1,333
EDUCATIONAL ATTAINMENT						
Total, 25 years and over.....	101,548	420	591	896	1,409	2,132
Less than a high school diploma.....	6,886	336	404	519	711	1,012
High school graduates, no college ¹	25,919	388	500	698	1,012	1,455
Some college or associate degree.....	27,535	418	569	790	1,159	1,598
Bachelor's degree and higher ²	41,209	594	862	1,270	1,908	2,894
Bachelor's degree only.....	25,712	555	783	1,161	1,771	2,594
Advanced degree.....	15,496	711	1,005	1,476	2,212	3,341
Men, 25 years and over.....	56,532	451	637	977	1,551	2,401
Less than a high school diploma.....	4,838	372	433	586	794	1,143
High school graduates, no college ¹	15,999	412	541	779	1,126	1,562
Some college or associate degree.....	14,516	473	642	906	1,301	1,772
Bachelor's degree and higher ²	21,179	654	964	1,501	2,293	3,441
Bachelor's degree only.....	13,410	613	898	1,364	2,083	2,976
Advanced degree.....	7,769	782	1,154	1,774	2,623	3,893
Women, 25 years and over.....	45,016	397	539	794	1,234	1,821
Less than a high school diploma.....	2,048	292	354	436	549	729
High school graduates, no college ¹	9,920	354	454	603	820	1,180
Some college or associate degree.....	13,019	392	505	695	988	1,392
Bachelor's degree and higher ²	20,029	550	766	1,117	1,608	2,305
Bachelor's degree only.....	12,302	511	717	995	1,457	1,983
Advanced degree.....	7,728	668	919	1,279	1,844	2,547

¹ Includes persons with a high school diploma or equivalent.

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

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.

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	4th 2015	4th 2016	4th 2015	4th 2016
SEX AND AGE				
Total, 16 years and over.....	24,478	25,237	\$246	\$255
Men, 16 years and over.....	8,342	8,691	241	244
16 to 24 years.....	3,617	3,859	190	198
25 years and over.....	4,725	4,832	290	293
Women, 16 years and over.....	16,135	16,546	249	261
16 to 24 years.....	4,744	4,738	190	193
25 years and over.....	11,391	11,808	283	295
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX				
White.....	19,281	19,879	249	258
Men.....	6,372	6,614	241	242
Women.....	12,909	13,265	254	265
Black or African American.....	3,092	3,091	230	237
Men.....	1,148	1,181	243	240
Women.....	1,945	1,911	224	234
Asian.....	1,265	1,275	266	267
Men.....	447	506	256	264
Women.....	819	769	273	270
Hispanic or Latino ethnicity.....	3,936	4,267	242	260
Men.....	1,464	1,432	248	261
Women.....	2,472	2,835	239	260

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 7. Median usual weekly earnings of full-time wage and salary workers by selected characteristics, annual averages

Characteristic	Number of workers (in thousands)		Median weekly earnings			
	2015	2016	In current dollars		In constant (1982-84) dollars	
			2015	2016	2015	2016
SEX AND AGE						
Total, 16 years and over.....	109,080	111,091	\$809	\$832	\$341	\$347
Men, 16 years and over.....	60,746	61,930	895	915	377	381
16 to 24 years.....	5,476	5,646	510	512	215	213
25 years and over.....	55,270	56,284	947	969	400	404
Women, 16 years and over.....	48,334	49,161	726	749	307	312
16 to 24 years.....	4,314	4,430	450	486	190	203
25 years and over.....	44,020	44,731	761	784	321	327
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX						
White.....	85,443	86,474	835	862	352	359
Men.....	48,746	49,310	920	942	388	393
Women.....	36,698	37,163	743	766	314	319
Black or African American.....	13,587	13,963	641	678	271	282
Men.....	6,445	6,728	680	718	287	299
Women.....	7,142	7,235	615	641	259	267
Asian.....	6,638	7,030	993	1,021	419	425
Men.....	3,684	3,888	1,129	1,151	476	479
Women.....	2,954	3,142	877	902	370	376
Hispanic or Latino ethnicity.....	18,311	18,950	604	624	255	260
Men.....	11,142	11,666	631	663	266	276
Women.....	7,168	7,284	566	586	239	244

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 8. Median usual weekly earnings of full-time wage and salary workers by occupation and sex, annual averages

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	2015	2016	2015	2016
TOTAL				
Management, professional, and related occupations.....	44,844	45,930	\$1,158	\$1,188
Management, business, and financial operations occupations.....	18,422	19,023	1,258	1,284
Professional and related occupations.....	26,423	26,907	1,112	1,141
Service occupations.....	15,279	15,908	509	523
Sales and office occupations.....	23,620	23,625	673	698
Sales and related occupations.....	9,725	9,759	716	744
Office and administrative support occupations.....	13,894	13,866	656	679
Natural resources, construction, and maintenance occupations.....	10,834	11,022	761	786
Farming, fishing, and forestry occupations.....	810	842	464	520
Construction and extraction occupations.....	5,722	5,979	749	784
Installation, maintenance, and repair occupations.....	4,301	4,201	839	861
Production, transportation, and material moving occupations.....	14,504	14,606	656	665
Production occupations.....	7,551	7,513	663	668
Transportation and material moving occupations.....	6,953	7,093	646	662
Men				
Management, professional, and related occupations.....	21,807	22,256	1,383	1,420
Management, business, and financial operations occupations.....	10,018	10,261	1,436	1,491
Professional and related occupations.....	11,789	11,995	1,343	1,364
Service occupations.....	7,629	7,994	585	595
Sales and office occupations.....	9,384	9,461	777	805
Sales and related occupations.....	5,423	5,509	880	904
Office and administrative support occupations.....	3,961	3,952	693	708
Natural resources, construction, and maintenance occupations.....	10,381	10,558	770	794
Farming, fishing, and forestry occupations.....	637	673	477	544
Construction and extraction occupations.....	5,586	5,828	751	786
Installation, maintenance, and repair occupations.....	4,159	4,057	842	863
Production, transportation, and material moving occupations.....	11,546	11,661	704	704
Production occupations.....	5,548	5,564	729	723
Transportation and material moving occupations.....	5,998	6,097	679	685
Women				
Management, professional, and related occupations.....	23,038	23,674	996	1,027
Management, business, and financial operations occupations.....	8,404	8,761	1,073	1,099
Professional and related occupations.....	14,634	14,912	963	998
Service occupations.....	7,650	7,914	463	487
Sales and office occupations.....	14,236	14,163	627	649
Sales and related occupations.....	4,303	4,250	578	590
Office and administrative support occupations.....	9,933	9,913	646	669
Natural resources, construction, and maintenance occupations.....	453	464	580	580
Farming, fishing, and forestry occupations.....	174	169	437	465
Construction and extraction occupations.....	137	151	704	639
Installation, maintenance, and repair occupations.....	143	144	761	783
Production, transportation, and material moving occupations.....	2,958	2,945	512	531
Production occupations.....	2,003	1,949	519	527
Transportation and material moving occupations.....	955	997	494	540

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

Table 9. Quartiles and selected deciles of usual weekly earnings of full-time wage and salary workers by selected characteristics, 2016 annual averages

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
TOTAL						
Total, 25 years and over.....	101,015	\$415	\$588	\$885	\$1,392	\$2,095
Less than a high school diploma.....	7,108	322	394	504	689	974
High school graduates, no college ¹	25,475	383	498	692	996	1,431
Some college or associate degree.....	27,307	414	561	779	1,147	1,609
Bachelor's degree and higher ²	41,125	602	855	1,259	1,894	2,877
Bachelor's degree only.....	25,503	570	781	1,156	1,757	2,519
Advanced degree.....	15,622	707	986	1,444	2,115	3,123
Men						
Total, 25 years and over.....	56,284	447	626	969	1,540	2,318
Less than a high school diploma.....	4,904	348	415	551	753	1,059
High school graduates, no college ¹	15,619	409	543	769	1,120	1,563
Some college or associate degree.....	14,383	463	623	896	1,285	1,823
Bachelor's degree and higher ²	21,378	660	960	1,464	2,202	3,236
Bachelor's degree only.....	13,516	618	893	1,348	1,977	2,907
Advanced degree.....	7,862	771	1,132	1,707	2,494	3,838
Women						
Total, 25 years and over.....	44,731	392	534	784	1,203	1,806
Less than a high school diploma.....	2,204	291	352	423	553	716
High school graduates, no college ¹	9,856	348	442	599	809	1,128
Some college or associate degree.....	12,924	390	504	688	965	1,358
Bachelor's degree and higher ²	19,747	564	766	1,101	1,593	2,284
Bachelor's degree only.....	11,987	516	712	994	1,461	2,047
Advanced degree.....	7,760	659	904	1,257	1,809	2,503
White, total						
Total, 25 years and over.....	78,676	425	603	912	1,424	2,117
Less than a high school diploma.....	5,651	327	397	510	704	1,002
High school graduates, no college ¹	19,864	393	513	717	1,038	1,488
Some college or associate degree.....	21,232	426	581	808	1,181	1,661
Bachelor's degree and higher ²	31,929	617	875	1,274	1,904	2,888
Bachelor's degree only.....	20,020	585	808	1,180	1,800	2,613
Advanced degree.....	11,908	728	998	1,444	2,118	3,238
White men						
Total, 25 years and over.....	44,814	464	649	996	1,563	2,376
Less than a high school diploma.....	4,065	350	418	567	772	1,094
High school graduates, no college ¹	12,437	423	575	806	1,162	1,615
Some college or associate degree.....	11,501	481	648	927	1,336	1,868
Bachelor's degree and higher ²	16,811	683	983	1,491	2,275	3,341
Bachelor's degree only.....	10,820	641	926	1,385	2,036	2,922
Advanced degree.....	5,991	809	1,140	1,726	2,508	3,861
White women						
Total, 25 years and over.....	33,862	400	553	806	1,229	1,836
Less than a high school diploma.....	1,586	293	355	421	555	715
High school graduates, no college ¹	7,428	354	456	610	828	1,157
Some college or associate degree.....	9,730	397	514	704	995	1,395
Bachelor's degree and higher ²	15,117	581	780	1,115	1,594	2,282
Bachelor's degree only.....	9,200	530	727	1,005	1,471	2,083
Advanced degree.....	5,917	679	915	1,260	1,791	2,492

See footnotes at end of table.

Table 9. Quartiles and selected deciles of usual weekly earnings of full-time wage and salary workers by selected characteristics, 2016 annual averages — Continued

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
Black or African American, total						
Total, 25 years and over.....	12,647	378	497	715	1,040	1,594
Less than a high school diploma.....	749	303	372	467	610	821
High school graduates, no college ¹	3,809	347	426	592	812	1,142
Some college or associate degree.....	4,093	385	493	682	945	1,326
Bachelor's degree and higher ²	3,996	525	712	990	1,521	2,204
Bachelor's degree only.....	2,559	499	665	927	1,397	1,980
Advanced degree.....	1,437	591	826	1,162	1,739	2,530
Black or African American men						
Total, 25 years and over.....	6,088	393	518	751	1,126	1,711
Less than a high school diploma.....	412	328	399	496	669	843
High school graduates, no college ¹	2,124	372	469	626	891	1,241
Some college or associate degree.....	1,836	407	546	759	1,067	1,501
Bachelor's degree and higher ²	1,717	554	740	1,052	1,644	2,493
Bachelor's degree only.....	1,150	531	704	965	1,503	2,175
Advanced degree.....	566	619	865	1,331	1,884	2,912
Black or African American women						
Total, 25 years and over.....	6,559	361	479	677	990	1,490
Less than a high school diploma.....	337	288	340	422	553	793
High school graduates, no college ¹	1,685	331	402	539	730	1,004
Some college or associate degree.....	2,258	370	468	622	842	1,163
Bachelor's degree and higher ²	2,279	508	688	960	1,440	2,014
Bachelor's degree only.....	1,408	482	635	877	1,258	1,884
Advanced degree.....	871	574	799	1,115	1,614	2,298
Asian, total						
Total, 25 years and over.....	6,586	436	639	1,069	1,762	2,569
Less than a high school diploma.....	383	310	395	502	649	841
High school graduates, no college ¹	993	368	453	630	905	1,211
Some college or associate degree.....	984	412	550	758	1,118	1,601
Bachelor's degree and higher ²	4,227	601	928	1,429	2,035	2,915
Bachelor's degree only.....	2,289	537	810	1,251	1,841	2,527
Advanced degree.....	1,938	721	1,130	1,708	2,378	3,466
Asian men						
Total, 25 years and over.....	3,660	478	707	1,190	1,910	2,895
Less than a high school diploma.....	200	346	414	568	709	954
High school graduates, no college ¹	557	380	478	683	979	1,360
Some college or associate degree.....	517	442	585	827	1,172	1,774
Bachelor's degree and higher ²	2,386	677	1,032	1,600	2,308	3,232
Bachelor's degree only.....	1,228	594	894	1,371	1,975	2,882
Advanced degree.....	1,158	788	1,248	1,878	2,641	3,856
Asian women						
Total, 25 years and over.....	2,926	407	584	940	1,496	2,137
Less than a high school diploma.....	183	295	379	461	579	705
High school graduates, no college ¹	436	348	427	592	818	1,028
Some college or associate degree.....	466	393	515	710	983	1,420
Bachelor's degree and higher ²	1,841	522	828	1,262	1,777	2,491
Bachelor's degree only.....	1,061	498	730	1,129	1,582	2,111
Advanced degree.....	779	632	988	1,457	1,948	2,912

See footnotes at end of table.

Table 9. Quartiles and selected deciles of usual weekly earnings of full-time wage and salary workers by selected characteristics, 2016 annual averages — Continued

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
Hispanic or Latino ethnicity, total						
Total, 25 years and over.....	16,625	370	475	664	1,007	1,541
Less than a high school diploma.....	4,178	321	390	492	658	905
High school graduates, no college ¹	5,067	367	468	621	880	1,234
Some college or associate degree.....	3,950	398	519	715	1,044	1,474
Bachelor's degree and higher ²	3,430	534	742	1,127	1,688	2,388
Bachelor's degree only.....	2,280	516	692	1,022	1,540	2,278
Advanced degree.....	1,150	597	871	1,305	1,901	2,732
Hispanic or Latino men						
Total, 25 years and over.....	10,265	386	494	697	1,078	1,614
Less than a high school diploma.....	3,036	343	407	518	704	975
High school graduates, no college ¹	3,282	389	499	679	960	1,350
Some college or associate degree.....	2,151	424	586	803	1,171	1,591
Bachelor's degree and higher ²	1,797	566	805	1,246	1,879	2,787
Bachelor's degree only.....	1,241	547	749	1,157	1,707	2,499
Advanced degree.....	556	659	971	1,518	2,165	3,350
Hispanic or Latino women						
Total, 25 years and over.....	6,360	341	427	609	914	1,399
Less than a high school diploma.....	1,142	291	347	413	524	667
High school graduates, no college ¹	1,785	327	411	550	737	970
Some college or associate degree.....	1,800	380	484	630	887	1,243
Bachelor's degree and higher ²	1,633	497	687	988	1,463	2,017
Bachelor's degree only.....	1,040	479	633	910	1,347	1,916
Advanced degree.....	594	567	805	1,141	1,671	2,218

¹ Includes persons with a high school diploma or equivalent.

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

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.