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USUAL WEEKLY EARNINGS OF WAGE AND SALARY WORKERS FOURTH QUARTER 2017

Median weekly earnings of the nation's 114.2 million full-time wage and salary workers were \$857 in the fourth quarter of 2017 (not seasonally adjusted), the U.S. Bureau of Labor Statistics reported today. This was 0.9 percent higher than a year earlier, compared with a gain of 2.1 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 fourth-quarter data:

- **Median weekly earnings** of full-time workers were \$857 in the fourth quarter of 2017. Women had median weekly earnings of \$769, or 81.3 percent of the \$946 median for men. (See table 2.)
- The **women's-to-men's earnings ratio** varied by race and ethnicity. White women earned 80.5 percent as much as their male counterparts, compared with Black women (96.0 percent), Asian women (72.3 percent), and Hispanic women (88.4 percent). (See table 2.)
- Among the major **race and ethnicity groups**, median weekly earnings for Black men working at full-time jobs were \$681, or 69.3 percent of the median for White men (\$982). The difference was less among women, as Black women's median earnings (\$654) were 82.7 percent of those for White women (\$791). Overall, median earnings of Hispanics (\$657) and Blacks (\$666) were lower than those of Whites (\$891) and Asians (\$1,061). (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 \$1,130 and \$1,117, respectively. For women, usual weekly earnings were highest for those age 35 to 64: weekly earnings were \$855 for women age 35 to 44, \$866 for women age 45 to 54, and \$835 for women age 55 to 64. Workers age 16 to 24 had the lowest median weekly earnings, at \$549. (See table 3.)
- Among the major **occupational groups**, persons employed full time in management, professional, and related occupations had the highest median weekly earnings—\$1,475 for

men and \$1,052 for women. Men and women employed in service jobs earned the least, \$602 and \$499, respectively. (See table 4.)

- By **educational attainment**, full-time workers age 25 and over without a high school diploma had median weekly earnings of \$531, compared with \$714 for high school graduates (no college) and \$1,278 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 \$3,707 or more per week, compared with \$2,719 or more for their female counterparts. (See table 5.)
- **Seasonally adjusted median weekly earnings** were \$854 in the fourth quarter of 2017, down from the previous quarter (\$866). (See table 1.)

Annual Averages for 2016 and 2017

In addition to the data for the fourth quarter, this news release includes 2016 and 2017 annual averages on median weekly earnings for major demographic and occupational groups, and 2017 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#weekearn> 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 2013 were subject to revision.

The Usual Weekly Earnings news release for the first quarter of 2018, scheduled for release on April 13, 2018, 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 2013 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 \$
2008									
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.....	103,928	57,884	46,044	768	860	699	331	370	301
2nd Quarter.....	103,988	57,944	46,044	777	863	706	335	372	304
3rd Quarter.....	104,400	58,082	46,318	779	855	705	334	367	302
4th Quarter.....	104,764	58,095	46,669	782	865	712	334	369	304
2014									
1st Quarter.....	105,623	58,679	46,943	790	865	716	335	367	304
2nd Quarter.....	106,356	59,506	46,850	781	860	714	330	363	302
3rd Quarter.....	106,746	59,548	47,197	798	879	722	336	370	304
4th Quarter.....	107,402	60,090	47,312	795	878	724	336	371	306
2015									
1st Quarter.....	108,480	60,370	48,110	801	886	724	340	376	307
2nd Quarter.....	108,572	60,432	48,139	803	889	725	339	375	306
3rd Quarter.....	109,295	60,985	48,311	811	897	728	341	377	306
4th Quarter.....	109,982	61,206	48,776	822	904	730	345	380	307
2016									
1st Quarter.....	110,434	61,650	48,784	823	904	744	346	380	312
2nd Quarter.....	110,973	61,835	49,138	827	912	743	345	381	310
3rd Quarter.....	111,600	62,095	49,505	834	918	751	347	382	312
4th Quarter.....	111,353	62,138	49,215	846	925	759	349	382	313
2017									
1st Quarter.....	112,004	62,508	49,496	857	940	759	351	385	311
2nd Quarter.....	113,177	63,005	50,172	862	937	779	353	384	319
3rd Quarter.....	113,668	63,176	50,492	866	944	773	353	385	315
4th Quarter.....	114,219	63,221	50,997	854	944	771	345	382	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 2016	4th 2017	In current dollars		In constant (1982-84) dollars	
			4th 2016	4th 2017	4th 2016	4th 2017
SEX AND AGE						
Total, 16 years and over.....	111,268	114,151	\$849	\$857	\$351	\$347
Men, 16 years and over.....	61,933	63,033	927	946	384	383
16 to 24 years.....	5,400	5,503	522	581	216	236
25 years and over.....	56,532	57,530	977	998	405	405
Women, 16 years and over.....	49,335	51,118	758	769	314	312
16 to 24 years.....	4,319	4,472	506	512	210	208
25 years and over.....	45,016	46,646	794	803	329	326
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX						
White.....	86,250	88,183	881	891	365	361
Men.....	49,288	49,986	959	982	397	398
Women.....	36,962	38,196	778	791	322	321
Black or African American.....	14,107	14,769	675	666	280	270
Men.....	6,733	6,962	706	681	292	276
Women.....	7,374	7,806	650	654	269	265
Asian.....	7,157	7,417	1,022	1,061	423	430
Men.....	3,907	4,022	1,147	1,237	475	502
Women.....	3,250	3,395	908	894	376	362
Hispanic or Latino ethnicity.....	19,021	19,667	646	657	267	266
Men.....	11,782	11,997	685	688	284	279
Women.....	7,238	7,670	595	608	246	247

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 2017 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.....	114,151	\$857	63,033	\$946	51,118	\$769
16 to 24 years.....	9,975	549	5,503	581	4,472	512
16 to 19 years.....	1,204	448	687	488	517	408
20 to 24 years.....	8,771	571	4,816	591	3,955	528
25 years and over.....	104,176	902	57,530	998	46,646	803
25 to 54 years.....	80,607	887	44,742	974	35,865	799
25 to 34 years.....	28,591	762	16,030	798	12,561	724
35 to 44 years.....	26,171	959	14,628	1,066	11,543	855
45 to 54 years.....	25,845	982	14,084	1,117	11,761	866
55 years and over.....	23,569	963	12,787	1,116	10,781	818
55 to 64 years.....	19,193	979	10,323	1,130	8,870	835
65 years and over.....	4,375	893	2,464	1,022	1,911	760
White						
16 years and over.....	88,183	891	49,986	982	38,196	791
16 to 24 years.....	7,741	566	4,346	593	3,394	515
25 years and over.....	80,442	935	45,640	1,028	34,802	828
25 to 54 years.....	61,211	916	34,929	1,000	26,282	824
55 years and over.....	19,231	999	10,711	1,150	8,520	840
Black or African American						
16 years and over.....	14,769	666	6,962	681	7,806	654
16 to 24 years.....	1,408	478	717	470	692	489
25 years and over.....	13,360	692	6,246	712	7,114	670
25 to 54 years.....	10,865	683	5,108	701	5,757	665
55 years and over.....	2,495	724	1,138	768	1,357	693
Asian						
16 years and over.....	7,417	1,061	4,022	1,237	3,395	894
16 to 24 years.....	349	683	185	732	164	603
25 years and over.....	7,068	1,093	3,837	1,293	3,231	913
25 to 54 years.....	5,756	1,135	3,198	1,342	2,557	941
55 years and over.....	1,312	939	639	1,135	673	823
Hispanic or Latino ethnicity						
16 years and over.....	19,667	657	11,997	688	7,670	608
16 to 24 years.....	2,221	513	1,323	546	898	477
25 years and over.....	17,447	684	10,674	711	6,773	629
25 to 54 years.....	14,759	682	9,074	706	5,685	632
55 years and over.....	2,688	699	1,600	758	1,088	617

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 2016	4th 2017	4th 2016	4th 2017
TOTAL				
Management, professional, and related occupations.....	46,187	47,276	\$1,213	\$1,235
Management, business, and financial operations occupations.....	18,853	19,461	1,323	1,336
Professional and related occupations.....	27,334	27,815	1,153	1,167
Service occupations.....	15,890	16,336	540	539
Sales and office occupations.....	23,464	23,873	710	719
Sales and related occupations.....	9,841	9,859	763	755
Office and administrative support occupations.....	13,623	14,013	687	707
Natural resources, construction, and maintenance occupations.....	11,035	11,493	820	810
Farming, fishing, and forestry occupations.....	778	856	515	523
Construction and extraction occupations.....	6,063	6,359	809	807
Installation, maintenance, and repair occupations.....	4,195	4,277	911	902
Production, transportation, and material moving occupations.....	14,691	15,173	675	698
Production occupations.....	7,273	7,517	683	704
Transportation and material moving occupations.....	7,418	7,656	665	692
Men				
Management, professional, and related occupations.....	22,154	22,638	1,443	1,475
Management, business, and financial operations occupations.....	10,264	10,273	1,512	1,548
Professional and related occupations.....	11,889	12,364	1,373	1,434
Service occupations.....	8,156	8,165	608	602
Sales and office occupations.....	9,498	9,453	829	845
Sales and related occupations.....	5,670	5,634	932	902
Office and administrative support occupations.....	3,828	3,818	719	760
Natural resources, construction, and maintenance occupations.....	10,560	10,942	830	818
Farming, fishing, and forestry occupations.....	619	672	519	556
Construction and extraction occupations.....	5,867	6,192	813	807
Installation, maintenance, and repair occupations.....	4,074	4,078	909	910
Production, transportation, and material moving occupations.....	11,564	11,836	712	743
Production occupations.....	5,304	5,340	744	776
Transportation and material moving occupations.....	6,261	6,495	688	715
Women				
Management, professional, and related occupations.....	24,033	24,639	1,042	1,052
Management, business, and financial operations occupations.....	8,589	9,188	1,126	1,137
Professional and related occupations.....	15,445	15,451	1,014	1,012
Service occupations.....	7,733	8,171	497	499
Sales and office occupations.....	13,966	14,420	656	675
Sales and related occupations.....	4,171	4,225	598	618
Office and administrative support occupations.....	9,795	10,195	678	691
Natural resources, construction, and maintenance occupations.....	475	551	591	597
Farming, fishing, and forestry occupations.....	158	184	503	489
Construction and extraction occupations.....	196	168	622	810
Installation, maintenance, and repair occupations.....	120	199	944	658
Production, transportation, and material moving occupations.....	3,127	3,338	534	558
Production occupations.....	1,970	2,177	533	572
Transportation and material moving occupations.....	1,157	1,161	534	520

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 2017 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.....	114,151	\$417	\$580	\$857	\$1,372	\$2,097
Men.....	63,033	451	612	946	1,525	2,312
Women.....	51,118	393	529	769	1,181	1,829
White.....	88,183	430	596	891	1,413	2,123
Men.....	49,986	469	634	982	1,550	2,350
Women.....	38,196	402	549	791	1,215	1,866
Black or African American.....	14,769	372	485	666	1,010	1,540
Men.....	6,962	390	493	681	1,047	1,718
Women.....	7,806	353	477	654	988	1,416
Asian.....	7,417	458	661	1,061	1,757	2,702
Men.....	4,022	494	719	1,237	1,952	2,924
Women.....	3,395	411	601	894	1,424	2,095
Hispanic or Latino ethnicity.....	19,667	382	483	657	978	1,503
Men.....	11,997	395	502	688	1,017	1,632
Women.....	7,670	356	443	608	897	1,369
EDUCATIONAL ATTAINMENT						
Total, 25 years and over.....	104,176	437	603	902	1,435	2,180
Less than a high school diploma.....	7,214	342	410	531	736	1,057
High school graduates, no college ¹	26,376	398	520	714	1,023	1,461
Some college or associate degree.....	27,595	431	579	800	1,171	1,635
Bachelor's degree and higher ²	42,990	600	849	1,278	1,931	2,901
Bachelor's degree only.....	27,032	573	772	1,170	1,859	2,688
Advanced degree.....	15,959	706	1,002	1,487	2,198	3,260
Men, 25 years and over.....	57,530	477	650	998	1,586	2,396
Less than a high school diploma.....	4,925	376	441	586	817	1,224
High school graduates, no college ¹	15,935	449	585	798	1,160	1,601
Some college or associate degree.....	14,695	485	643	915	1,351	1,882
Bachelor's degree and higher ²	21,974	621	965	1,507	2,283	3,275
Bachelor's degree only.....	14,144	592	882	1,395	2,091	2,990
Advanced degree.....	7,830	735	1,152	1,756	2,496	3,707
Women, 25 years and over.....	46,646	406	562	803	1,232	1,878
Less than a high school diploma.....	2,289	298	380	467	594	754
High school graduates, no college ¹	10,441	356	468	611	824	1,131
Some college or associate degree.....	12,900	398	517	697	977	1,365
Bachelor's degree and higher ²	21,017	586	779	1,125	1,670	2,321
Bachelor's degree only.....	12,888	540	721	1,000	1,498	2,126
Advanced degree.....	8,129	684	917	1,285	1,883	2,719

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 2016	4th 2017	4th 2016	4th 2017
SEX AND AGE				
Total, 16 years and over.....	25,237	23,779	\$255	\$256
Men, 16 years and over.....	8,691	8,310	244	241
16 to 24 years.....	3,859	3,628	198	194
25 years and over.....	4,832	4,682	293	298
Women, 16 years and over.....	16,546	15,468	261	263
16 to 24 years.....	4,738	4,652	193	196
25 years and over.....	11,808	10,816	295	303
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX				
White.....	19,879	18,642	258	258
Men.....	6,614	6,389	242	239
Women.....	13,265	12,253	265	266
Black or African American.....	3,091	2,878	237	247
Men.....	1,181	1,085	240	244
Women.....	1,911	1,793	234	248
Asian.....	1,275	1,206	267	259
Men.....	506	446	264	248
Women.....	769	760	270	265
Hispanic or Latino ethnicity.....	4,267	3,882	260	262
Men.....	1,432	1,379	261	264
Women.....	2,835	2,504	260	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			
	2016	2017	In current dollars		In constant (1982-84) dollars	
			2016	2017	2016	2017
SEX AND AGE						
Total, 16 years and over.....	111,091	113,272	\$832	\$860	\$347	\$351
Men, 16 years and over.....	61,930	62,980	915	941	381	384
16 to 24 years.....	5,646	5,791	512	547	213	223
25 years and over.....	56,284	57,190	969	996	404	406
Women, 16 years and over.....	49,161	50,291	749	770	312	314
16 to 24 years.....	4,430	4,490	486	499	203	204
25 years and over.....	44,731	45,801	784	810	327	330
RACE, HISPANIC OR LATINO ETHNICITY, AND SEX						
White.....	86,474	87,730	862	890	359	363
Men.....	49,310	50,003	942	971	393	396
Women.....	37,163	37,727	766	795	319	324
Black or African American.....	13,963	14,521	678	682	282	278
Men.....	6,728	6,928	718	710	299	289
Women.....	7,235	7,593	641	657	267	268
Asian.....	7,030	7,320	1,021	1,043	425	426
Men.....	3,888	4,014	1,151	1,207	479	492
Women.....	3,142	3,306	902	903	376	368
Hispanic or Latino ethnicity.....	18,950	19,615	624	655	260	267
Men.....	11,666	11,896	663	690	276	282
Women.....	7,284	7,719	586	603	244	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 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	
	2016	2017	2016	2017
TOTAL				
Management, professional, and related occupations.....	45,930	47,207	\$1,188	\$1,224
Management, business, and financial operations occupations.....	19,023	19,414	1,284	1,327
Professional and related occupations.....	26,907	27,794	1,141	1,160
Service occupations.....	15,908	16,044	523	544
Sales and office occupations.....	23,625	23,686	698	718
Sales and related occupations.....	9,759	9,953	744	763
Office and administrative support occupations.....	13,866	13,733	679	701
Natural resources, construction, and maintenance occupations.....	11,022	11,509	786	801
Farming, fishing, and forestry occupations.....	842	962	520	539
Construction and extraction occupations.....	5,979	6,147	784	796
Installation, maintenance, and repair occupations.....	4,201	4,400	861	878
Production, transportation, and material moving occupations.....	14,606	14,825	665	692
Production occupations.....	7,513	7,589	668	701
Transportation and material moving occupations.....	7,093	7,236	662	681
Men				
Management, professional, and related occupations.....	22,256	22,815	1,420	1,442
Management, business, and financial operations occupations.....	10,261	10,415	1,491	1,526
Professional and related occupations.....	11,995	12,400	1,364	1,391
Service occupations.....	7,994	7,985	595	608
Sales and office occupations.....	9,461	9,481	805	834
Sales and related occupations.....	5,509	5,598	904	934
Office and administrative support occupations.....	3,952	3,884	708	735
Natural resources, construction, and maintenance occupations.....	10,558	10,994	794	809
Farming, fishing, and forestry occupations.....	673	756	544	585
Construction and extraction occupations.....	5,828	5,987	786	796
Installation, maintenance, and repair occupations.....	4,057	4,251	863	883
Production, transportation, and material moving occupations.....	11,661	11,705	704	736
Production occupations.....	5,564	5,545	723	769
Transportation and material moving occupations.....	6,097	6,160	685	710
Women				
Management, professional, and related occupations.....	23,674	24,393	1,027	1,052
Management, business, and financial operations occupations.....	8,761	8,999	1,099	1,134
Professional and related occupations.....	14,912	15,394	998	1,014
Service occupations.....	7,914	8,059	487	501
Sales and office occupations.....	14,163	14,205	649	672
Sales and related occupations.....	4,250	4,355	590	609
Office and administrative support occupations.....	9,913	9,850	669	691
Natural resources, construction, and maintenance occupations.....	464	515	580	579
Farming, fishing, and forestry occupations.....	169	206	465	471
Construction and extraction occupations.....	151	160	639	802
Installation, maintenance, and repair occupations.....	144	149	783	736
Production, transportation, and material moving occupations.....	2,945	3,119	531	545
Production occupations.....	1,949	2,044	527	564
Transportation and material moving occupations.....	997	1,075	540	514

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, 2017 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.....	102,991	\$434	\$604	\$907	\$1,425	\$2,139
Less than a high school diploma.....	7,038	329	405	520	723	1,013
High school graduates, no college ¹	26,011	396	516	712	1,020	1,471
Some college or associate degree.....	27,387	430	580	798	1,159	1,629
Bachelor's degree and higher ²	42,555	608	865	1,279	1,911	2,887
Bachelor's degree only.....	26,456	577	790	1,173	1,817	2,604
Advanced degree.....	16,099	715	1,001	1,470	2,186	3,154
Men						
Total, 25 years and over.....	57,190	471	648	996	1,573	2,384
Less than a high school diploma.....	4,781	361	435	584	799	1,149
High school graduates, no college ¹	15,980	432	580	797	1,150	1,628
Some college or associate degree.....	14,541	478	637	917	1,333	1,878
Bachelor's degree and higher ²	21,887	648	972	1,481	2,257	3,221
Bachelor's degree only.....	13,908	608	901	1,378	2,019	2,913
Advanced degree.....	7,980	757	1,138	1,737	2,497	3,734
Women						
Total, 25 years and over.....	45,801	407	560	810	1,232	1,869
Less than a high school diploma.....	2,257	294	368	447	577	757
High school graduates, no college ¹	10,031	361	463	610	833	1,143
Some college or associate degree.....	12,846	403	520	700	978	1,346
Bachelor's degree and higher ²	20,668	584	785	1,131	1,655	2,313
Bachelor's degree only.....	12,548	532	728	1,013	1,490	2,100
Advanced degree.....	8,119	680	928	1,291	1,879	2,690
White, total						
Total, 25 years and over.....	79,864	451	621	937	1,460	2,208
Less than a high school diploma.....	5,589	336	410	527	745	1,033
High school graduates, no college ¹	20,187	410	538	746	1,070	1,519
Some college or associate degree.....	21,105	448	598	834	1,209	1,708
Bachelor's degree and higher ²	32,983	623	886	1,314	1,922	2,898
Bachelor's degree only.....	20,930	593	817	1,209	1,864	2,690
Advanced degree.....	12,053	735	1,018	1,487	2,215	3,265
White men						
Total, 25 years and over.....	45,461	484	673	1,023	1,614	2,409
Less than a high school diploma.....	3,942	371	443	591	812	1,165
High school graduates, no college ¹	12,767	453	597	831	1,188	1,683
Some college or associate degree.....	11,518	495	666	959	1,386	1,903
Bachelor's degree and higher ²	17,235	675	995	1,516	2,284	3,306
Bachelor's degree only.....	11,259	628	933	1,410	2,090	2,959
Advanced degree.....	5,976	781	1,156	1,760	2,519	3,860
White women						
Total, 25 years and over.....	34,403	417	580	836	1,254	1,885
Less than a high school diploma.....	1,647	295	372	446	576	758
High school graduates, no college ¹	7,420	374	479	627	861	1,171
Some college or associate degree.....	9,587	413	534	717	1,006	1,387
Bachelor's degree and higher ²	15,749	597	803	1,141	1,665	2,322
Bachelor's degree only.....	9,671	560	741	1,031	1,523	2,121
Advanced degree.....	6,078	703	943	1,306	1,879	2,688

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, 2017 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.....	13,100	383	503	712	1,071	1,591
Less than a high school diploma.....	764	300	378	483	619	880
High school graduates, no college ¹	3,893	354	446	599	817	1,160
Some college or associate degree.....	4,226	388	502	678	951	1,305
Bachelor's degree and higher ²	4,218	499	708	1,021	1,526	2,281
Bachelor's degree only.....	2,636	468	657	933	1,389	2,017
Advanced degree.....	1,582	613	825	1,188	1,744	2,582
Black or African American men						
Total, 25 years and over.....	6,230	396	521	743	1,139	1,742
Less than a high school diploma.....	414	311	394	504	683	952
High school graduates, no college ¹	2,106	381	489	653	918	1,256
Some college or associate degree.....	1,957	408	530	736	1,023	1,468
Bachelor's degree and higher ²	1,754	495	705	1,109	1,692	2,475
Bachelor's degree only.....	1,155	473	653	998	1,558	2,381
Advanced degree.....	599	604	867	1,295	1,890	2,721
Black or African American women						
Total, 25 years and over.....	6,871	373	489	685	1,012	1,488
Less than a high school diploma.....	350	289	355	450	580	762
High school graduates, no college ¹	1,787	331	410	539	709	1,003
Some college or associate degree.....	2,269	375	484	633	871	1,157
Bachelor's degree and higher ²	2,464	503	710	980	1,406	2,014
Bachelor's degree only.....	1,481	465	660	897	1,256	1,767
Advanced degree.....	983	618	806	1,133	1,610	2,487
Asian, total						
Total, 25 years and over.....	6,874	460	666	1,099	1,794	2,610
Less than a high school diploma.....	358	327	395	505	680	1,021
High school graduates, no college ¹	1,059	370	484	653	931	1,382
Some college or associate degree.....	1,047	432	559	772	1,105	1,542
Bachelor's degree and higher ²	4,410	624	939	1,441	2,098	2,922
Bachelor's degree only.....	2,265	580	831	1,274	1,888	2,677
Advanced degree.....	2,146	733	1,095	1,673	2,340	3,268
Asian men						
Total, 25 years and over.....	3,778	500	752	1,253	1,921	2,900
Less than a high school diploma.....	182	357	449	590	823	1,187
High school graduates, no college ¹	575	392	512	714	1,064	1,516
Some college or associate degree.....	556	445	601	856	1,214	1,716
Bachelor's degree and higher ²	2,465	715	1,078	1,625	2,328	3,287
Bachelor's degree only.....	1,193	646	968	1,437	2,100	2,919
Advanced degree.....	1,272	810	1,203	1,800	2,524	3,523
Asian women						
Total, 25 years and over.....	3,096	412	592	932	1,532	2,183
Less than a high school diploma.....	176	310	367	438	570	719
High school graduates, no college ¹	484	349	452	591	805	1,069
Some college or associate degree.....	491	420	519	710	958	1,330
Bachelor's degree and higher ²	1,946	567	829	1,248	1,870	2,538
Bachelor's degree only.....	1,072	500	735	1,090	1,641	2,192
Advanced degree.....	874	645	969	1,462	1,991	2,890

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, 2017 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.....	17,241	384	488	688	1,024	1,611
Less than a high school diploma.....	4,236	327	404	510	699	952
High school graduates, no college ¹	5,239	385	488	651	909	1,300
Some college or associate degree.....	4,050	410	533	737	1,051	1,546
Bachelor's degree and higher ²	3,716	488	718	1,066	1,668	2,324
Bachelor's degree only.....	2,563	470	672	989	1,514	2,184
Advanced degree.....	1,153	584	861	1,307	1,904	2,813
Hispanic or Latino men						
Total, 25 years and over.....	10,486	398	510	719	1,099	1,743
Less than a high school diploma.....	3,053	360	425	564	755	1,018
High school graduates, no college ¹	3,375	410	520	709	1,007	1,451
Some college or associate degree.....	2,185	438	598	812	1,196	1,764
Bachelor's degree and higher ²	1,872	493	736	1,173	1,884	2,716
Bachelor's degree only.....	1,326	477	689	1,066	1,712	2,392
Advanced degree.....	546	600	927	1,588	2,290	3,107
Hispanic or Latino women						
Total, 25 years and over.....	6,756	357	452	634	940	1,416
Less than a high school diploma.....	1,183	288	363	431	529	690
High school graduates, no college ¹	1,864	340	424	575	760	1,003
Some college or associate degree.....	1,865	393	494	663	906	1,255
Bachelor's degree and higher ²	1,844	483	703	992	1,448	1,998
Bachelor's degree only.....	1,237	463	656	915	1,346	1,896
Advanced degree.....	607	562	827	1,155	1,670	2,285

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.