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## **USUAL WEEKLY EARNINGS OF WAGE AND SALARY WORKERS FOURTH QUARTER 2022**

**Median weekly earnings** of the nation's 118.8 million full-time wage and salary workers were \$1,085 in the fourth quarter of 2022 (not seasonally adjusted), the U.S. Bureau of Labor Statistics reported today. This was 7.4 percent higher than a year earlier, compared with a gain of 7.1 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 news release are not seasonally adjusted unless otherwise specified.

### **Highlights from the fourth-quarter data:**

- **Median weekly earnings** of full-time workers were \$1,085 in the fourth quarter of 2022. **Women** had median weekly earnings of \$975, or 82.9 percent of the \$1,176 median for **men**. (See table 2.)
- The **women's-to-men's earnings ratio** varied by race and ethnicity. White women earned 83.0 percent as much as their male counterparts, compared with 90.0 percent for Black women, 81.5 percent for Asian women, and 86.5 percent for Hispanic women. (See table 2.)
- Among the major **race and ethnicity groups**, median weekly earnings of Blacks (\$896) and Hispanics (\$837) working full-time jobs were lower than those of Whites (\$1,111) and Asians (\$1,496). By sex, median weekly earnings for Black men were \$951, or 79.6 percent of the median for White men (\$1,194). Median earnings for Hispanic men were \$895, or 75.0 percent of the median for White men. The difference was less among women, as Black women's median earnings were \$856, or 86.4 percent of those for White women (\$991), and earnings for Hispanic women were \$774, or 78.1 percent of those for White women. Earnings of Asian men (\$1,647) and women (\$1,342) were higher than those of their White counterparts. (See table 2.)
- By **age**, usual weekly earnings were highest for men ages 35 to 64: median weekly earnings were \$1,305 for men ages 35 to 44, \$1,355 for men ages 45 to 54, and \$1,329 for men ages

55 to 64. Among women, usual weekly earnings were also highest for workers ages 35 to 64: median weekly earnings were \$1,099 for women ages 35 to 44, \$1,042 for women ages 45 to 54, and \$1,017 for women ages 55 to 64. Men and women ages 16 to 24 had the lowest median weekly earnings, \$744 and \$694, respectively. Men's and women's earnings were closer among younger workers than older workers; for example, women ages 16 to 24 earned 93.3 percent as much as men in the same age group, while the women's-to-men's earnings ratio was 76.7 percent for those age 55 and over. (See table 3.)

- Among the major **occupational groups**, persons employed full time in management, professional, and related occupations had the highest median weekly earnings—\$1,729 for men and \$1,316 for women. Persons employed in service occupations earned the least—\$782 for men, and \$652 for women. (See table 4.)
- By **educational attainment**, full-time workers age 25 and over without a high school diploma had median weekly earnings of \$675, compared with \$875 for high school graduates (no college) and \$1,547 for those holding at least a bachelor's degree. Among college graduates with advanced degrees (master's, professional, and doctoral degrees), the highest earning 10 percent of male workers made \$4,618 or more per week, compared with \$3,101 or more for their female counterparts. (See table 5.)
- **Seasonally adjusted median weekly earnings** were \$1,084 in the fourth quarter of 2022, little changed from the previous quarter (\$1,070). (See table 1.)

## **2022 Annual Averages**

In addition to the data for the fourth quarter, this news release includes 2022 annual averages on median weekly earnings for major demographic, occupational, and 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 [www.bls.gov/cps/tables.htm#weelearn](http://www.bls.gov/cps/tables.htm#weelearn) 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 2018 were subject to revision.

The Usual Weekly Earnings news release for the first quarter of 2023, scheduled for release on April 18, 2023, 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 2018 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](http://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](http://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 \$
<b>2013</b>									
4th quarter.....	104,764	58,095	46,669	782	865	712	334	369	304
<b>2014</b>									
1st quarter.....	105,633	58,682	46,951	790	865	716	335	367	304
2nd quarter.....	106,342	59,486	46,855	781	860	715	330	363	302
3rd quarter.....	106,726	59,543	47,183	798	878	721	336	370	304
4th quarter.....	107,436	60,123	47,313	795	878	724	336	371	306
<b>2015</b>									
1st quarter.....	108,448	60,346	48,102	802	886	725	341	377	308
2nd quarter.....	108,541	60,386	48,154	803	890	725	339	376	306
3rd quarter.....	109,315	61,004	48,311	809	896	727	340	377	306
4th quarter.....	110,060	61,292	48,768	821	904	729	345	380	307
<b>2016</b>									
1st quarter.....	110,323	61,559	48,764	823	904	744	346	380	313
2nd quarter.....	110,921	61,770	49,152	828	913	746	345	381	311
3rd quarter.....	111,789	62,239	49,550	834	918	748	347	381	311
4th quarter.....	111,357	62,182	49,175	845	924	759	349	381	313
<b>2017</b>									
1st quarter.....	111,838	62,363	49,475	858	941	760	352	386	312
2nd quarter.....	113,140	62,963	50,177	863	937	782	354	384	321
3rd quarter.....	113,854	63,319	50,535	864	944	769	352	385	313
4th quarter.....	114,286	63,315	50,971	854	943	770	345	382	312
<b>2018</b>									
1st quarter.....	114,418	63,802	50,616	875	956	779	351	384	312
2nd quarter.....	115,529	64,194	51,336	881	963	783	351	384	313
3rd quarter.....	116,256	64,448	51,808	891	979	796	354	389	316
4th quarter.....	116,087	64,154	51,932	897	992	795	355	393	315
<b>2019</b>									
1st quarter.....	117,055	64,742	52,313	899	996	803	355	393	317
2nd quarter.....	117,390	65,161	52,229	913	1,003	818	358	393	320
3rd quarter.....	117,533	64,993	52,540	921	1,008	824	359	393	322
4th quarter.....	118,370	65,147	53,223	935	1,022	842	363	396	327
<b>2020</b>									
1st quarter.....	116,743	64,101	52,642	951	1,058	854	368	409	330
2nd quarter.....	104,372	57,866	46,506	1,008	1,090	919	393	425	358
3rd quarter.....	108,935	60,133	48,802	994	1,108	900	383	427	347
4th quarter.....	111,571	61,600	49,970	983	1,072	894	377	411	343
<b>2021</b>									
1st quarter.....	112,778	61,850	50,928	983	1,082	898	373	411	341
2nd quarter.....	113,519	62,397	51,123	996	1,096	906	371	408	337
3rd quarter.....	114,613	63,187	51,427	1,001	1,103	913	367	404	334
4th quarter.....	116,407	64,336	52,072	1,010	1,104	929	363	397	334
<b>2022</b>									
1st quarter.....	118,154	65,166	52,988	1,032	1,122	937	363	394	329
2nd quarter.....	118,829	65,404	53,425	1,048	1,147	951	359	393	326
3rd quarter.....	119,465	65,774	53,691	1,070	1,168	967	361	395	327
4th quarter.....	119,064	65,910	53,154	1,084	1,177	975	364	395	327

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 2021	4th 2022	In current dollars		In constant (1982-84) dollars	
			4th 2021	4th 2022	4th 2021	4th 2022
<b>SEX AND AGE</b>						
Total, 16 years and over.....	116,271	118,844	\$1,010	\$1,085	\$364	\$365
Men, 16 years and over.....	64,082	65,570	1,103	1,176	397	395
16 to 24 years.....	5,785	5,922	662	744	238	250
25 years and over.....	58,296	59,648	1,170	1,238	421	416
Women, 16 years and over.....	52,189	53,274	930	975	335	328
16 to 24 years.....	4,696	4,291	623	694	224	233
25 years and over.....	47,493	48,983	972	1,010	350	339
<b>RACE, HISPANIC OR LATINO ETHNICITY, AND SEX</b>						
White.....	88,801	90,473	1,030	1,111	371	373
Men.....	50,033	50,943	1,129	1,194	406	401
Women.....	38,767	39,530	939	991	338	333
Black or African American.....	15,228	15,986	805	896	290	301
Men.....	7,336	7,869	807	951	290	320
Women.....	7,892	8,117	802	856	289	288
Asian.....	8,002	8,355	1,384	1,496	498	503
Men.....	4,370	4,575	1,499	1,647	540	554
Women.....	3,632	3,780	1,165	1,342	419	451
Hispanic or Latino ethnicity.....	21,066	22,176	799	837	288	281
Men.....	12,578	12,836	845	895	304	301
Women.....	8,489	9,340	733	774	264	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 3. Median usual weekly earnings of full-time wage and salary workers by age, race, Hispanic or Latino ethnicity, and sex, 4th quarter 2022 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
<b>TOTAL</b>						
16 years and over.....	118,844	\$1,085	65,570	\$1,176	53,274	\$975
16 to 24 years.....	10,213	716	5,922	744	4,291	694
16 to 19 years.....	1,471	623	910	644	561	602
20 to 24 years.....	8,742	737	5,012	771	3,730	706
25 years and over.....	108,631	1,139	59,648	1,238	48,983	1,010
25 to 54 years.....	83,034	1,134	45,372	1,222	37,662	1,015
25 to 34 years.....	29,523	1,016	16,063	1,091	13,461	955
35 to 44 years.....	28,042	1,204	15,532	1,305	12,511	1,099
45 to 54 years.....	25,468	1,200	13,778	1,355	11,691	1,042
55 years and over.....	25,597	1,157	14,276	1,297	11,321	995
55 to 64 years.....	20,015	1,177	11,016	1,329	8,999	1,017
65 years and over.....	5,582	1,047	3,260	1,205	2,322	873
<b>White</b>						
16 years and over.....	90,473	1,111	50,943	1,194	39,530	991
16 to 24 years.....	7,827	722	4,589	757	3,238	701
25 years and over.....	82,646	1,158	46,354	1,255	36,292	1,030
25 to 54 years.....	62,203	1,149	34,721	1,237	27,482	1,031
55 years and over.....	20,443	1,190	11,633	1,320	8,810	1,028
<b>Black or African American</b>						
16 years and over.....	15,986	896	7,869	951	8,117	856
16 to 24 years.....	1,455	650	790	668	665	629
25 years and over.....	14,531	921	7,079	998	7,452	885
25 to 54 years.....	11,461	921	5,562	976	5,899	896
55 years and over.....	3,070	927	1,517	1,082	1,553	828
<b>Asian</b>						
16 years and over.....	8,355	1,496	4,575	1,647	3,780	1,342
16 to 24 years.....	430	824	265	799	165	918
25 years and over.....	7,925	1,530	4,310	1,725	3,615	1,373
25 to 54 years.....	6,409	1,577	3,470	1,756	2,939	1,475
55 years and over.....	1,516	1,181	840	1,424	676	941
<b>Hispanic or Latino ethnicity</b>						
16 years and over.....	22,176	837	12,836	895	9,340	774
16 to 24 years.....	2,646	698	1,507	706	1,139	692
25 years and over.....	19,530	876	11,329	929	8,201	805
25 to 54 years.....	16,044	876	9,276	920	6,768	818
55 years and over.....	3,486	873	2,053	972	1,433	750

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 2021	4th 2022	4th 2021	4th 2022
<b>TOTAL</b>				
Management, professional, and related occupations.....	51,676	54,692	\$1,407	\$1,477
Management, business, and financial operations occupations.....	21,568	22,965	1,481	1,607
Professional and related occupations.....	30,108	31,727	1,356	1,403
Service occupations.....	15,716	15,281	679	705
Sales and office occupations.....	21,434	21,607	831	901
Sales and related occupations.....	9,151	9,054	883	958
Office and administrative support occupations.....	12,283	12,552	810	875
Natural resources, construction, and maintenance occupations.....	11,284	11,225	935	987
Farming, fishing, and forestry occupations.....	757	683	604	671
Construction and extraction occupations.....	6,257	6,276	911	965
Installation, maintenance, and repair occupations.....	4,270	4,266	1,033	1,061
Production, transportation, and material moving occupations.....	16,161	16,040	809	850
Production occupations.....	7,310	7,306	859	880
Transportation and material moving occupations.....	8,851	8,734	770	823
<b>Men</b>				
Management, professional, and related occupations.....	24,806	26,885	1,618	1,729
Management, business, and financial operations occupations.....	11,280	12,277	1,673	1,804
Professional and related occupations.....	13,526	14,608	1,571	1,647
Service occupations.....	7,280	7,150	728	782
Sales and office occupations.....	8,681	8,577	971	1,047
Sales and related occupations.....	4,988	4,961	1,018	1,165
Office and administrative support occupations.....	3,693	3,616	904	950
Natural resources, construction, and maintenance occupations.....	10,733	10,654	947	995
Farming, fishing, and forestry occupations.....	604	478	604	687
Construction and extraction occupations.....	6,083	6,099	911	969
Installation, maintenance, and repair occupations.....	4,046	4,076	1,043	1,068
Production, transportation, and material moving occupations.....	12,582	12,304	866	910
Production occupations.....	5,458	5,327	912	960
Transportation and material moving occupations.....	7,124	6,977	812	878
<b>Women</b>				
Management, professional, and related occupations.....	26,870	27,807	1,235	1,316
Management, business, and financial operations occupations.....	10,288	10,688	1,328	1,447
Professional and related occupations.....	16,582	17,119	1,189	1,250
Service occupations.....	8,435	8,131	638	652
Sales and office occupations.....	12,753	13,029	775	836
Sales and related occupations.....	4,163	4,093	737	794
Office and administrative support occupations.....	8,590	8,936	785	848
Natural resources, construction, and maintenance occupations.....	552	571	706	714
Farming, fishing, and forestry occupations.....	153	204	604	653
Construction and extraction occupations.....	174	177	886	920
Installation, maintenance, and repair occupations.....	225	190	758	844
Production, transportation, and material moving occupations.....	3,579	3,736	667	706
Production occupations.....	1,852	1,979	693	720
Transportation and material moving occupations.....	1,727	1,757	648	691

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 2022 averages, not seasonally adjusted**

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
<b>SEX, RACE, AND HISPANIC OR LATINO ETHNICITY</b>						
Total, 16 years and over.....	118,844	\$571	\$736	\$1,085	\$1,709	\$2,584
Men.....	65,570	598	792	1,176	1,878	2,893
Women.....	53,274	520	692	975	1,496	2,284
White.....	90,473	580	750	1,111	1,733	2,612
Men.....	50,943	606	807	1,194	1,886	2,894
Women.....	39,530	526	699	991	1,508	2,302
Black or African American.....	15,986	493	654	896	1,313	1,893
Men.....	7,869	516	677	951	1,473	2,198
Women.....	8,117	462	630	856	1,183	1,708
Asian.....	8,355	617	880	1,496	2,313	3,489
Men.....	4,575	655	923	1,647	2,615	3,895
Women.....	3,780	575	835	1,342	1,903	2,851
Hispanic or Latino ethnicity.....	22,176	502	628	837	1,239	1,885
Men.....	12,836	526	661	895	1,314	2,036
Women.....	9,340	476	604	774	1,135	1,665
<b>EDUCATIONAL ATTAINMENT</b>						
Total, 25 years and over.....	108,631	588	768	1,139	1,767	2,695
Less than a high school diploma.....	6,147	423	531	675	913	1,217
High school graduates, no college <sup>1</sup> .....	25,784	520	671	875	1,210	1,765
Some college or associate degree.....	26,829	575	719	983	1,416	1,987
Bachelor's degree and higher <sup>2</sup> .....	49,871	752	1,060	1,547	2,317	3,478
Bachelor's degree only.....	30,392	706	973	1,435	2,123	3,076
Advanced degree.....	19,480	899	1,232	1,761	2,592	3,913
Men, 25 years and over.....	59,648	619	831	1,238	1,920	2,914
Less than a high school diploma.....	4,108	483	590	753	1,006	1,311
High school graduates, no college <sup>1</sup> .....	15,886	586	722	960	1,341	1,905
Some college or associate degree.....	14,209	611	802	1,116	1,604	2,285
Bachelor's degree and higher <sup>2</sup> .....	25,445	831	1,181	1,766	2,677	3,912
Bachelor's degree only.....	15,992	767	1,126	1,627	2,406	3,590
Advanced degree.....	9,453	991	1,406	2,020	2,965	4,618
Women, 25 years and over.....	48,983	539	711	1,010	1,541	2,313
Less than a high school diploma.....	2,039	381	483	593	684	888
High school graduates, no college <sup>1</sup> .....	9,897	464	602	754	1,003	1,359
Some college or associate degree.....	12,620	526	669	864	1,193	1,625
Bachelor's degree and higher <sup>2</sup> .....	24,427	711	962	1,372	1,986	2,878
Bachelor's degree only.....	14,400	658	886	1,254	1,832	2,575
Advanced degree.....	10,027	849	1,134	1,540	2,229	3,101

<sup>1</sup> Includes persons with a high school diploma or equivalent.

<sup>2</sup> 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 2021	4th 2022	4th 2021	4th 2022
<b>SEX AND AGE</b>				
Total, 16 years and over.....	22,544	23,131	\$319	\$342
Men, 16 years and over.....	7,748	8,162	315	322
16 to 24 years.....	3,324	3,499	265	263
25 years and over.....	4,424	4,662	390	401
Women, 16 years and over.....	14,796	14,969	321	353
16 to 24 years.....	4,419	4,946	247	266
25 years and over.....	10,377	10,023	375	417
<b>RACE, HISPANIC OR LATINO ETHNICITY, AND SEX</b>				
White.....	17,590	18,002	318	342
Men.....	5,935	6,213	312	324
Women.....	11,655	11,788	321	353
Black or African American.....	2,567	2,610	311	324
Men.....	911	891	298	292
Women.....	1,657	1,719	319	341
Asian.....	1,391	1,347	351	371
Men.....	522	564	381	351
Women.....	870	783	331	389
Hispanic or Latino ethnicity.....	4,180	4,515	313	356
Men.....	1,518	1,649	317	366
Women.....	2,663	2,866	311	348

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			
	2021	2022	In current dollars		In constant (1982-84) dollars	
			2021	2022	2021	2022
<b>SEX AND AGE</b>						
Total, 16 years and over.....	114,316	118,869	\$998	\$1,059	\$368	\$362
Men, 16 years and over.....	62,928	65,554	1,097	1,154	405	394
16 to 24 years.....	5,737	6,044	650	713	240	244
25 years and over.....	57,191	59,510	1,160	1,219	428	416
Women, 16 years and over.....	51,388	53,315	912	958	336	327
16 to 24 years.....	4,655	4,682	605	656	223	224
25 years and over.....	46,733	48,633	954	1,002	352	342
<b>RACE, HISPANIC OR LATINO ETHNICITY, AND SEX</b>						
White.....	87,738	90,543	1,018	1,085	376	371
Men.....	49,382	51,054	1,125	1,172	415	401
Women.....	38,356	39,489	925	973	341	333
Black or African American.....	14,740	15,804	801	878	296	300
Men.....	7,099	7,665	825	921	304	315
Women.....	7,641	8,139	776	835	286	285
Asian.....	7,780	8,249	1,328	1,401	490	479
Men.....	4,259	4,535	1,453	1,559	536	533
Women.....	3,520	3,715	1,141	1,234	421	422
Hispanic or Latino ethnicity.....	20,841	22,227	777	823	287	281
Men.....	12,469	13,163	820	887	303	303
Women.....	8,372	9,064	718	761	265	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 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	
	2021	2022	2021	2022
<b>TOTAL</b>				
Management, professional, and related occupations.....	51,166	53,962	\$1,390	\$1,465
Management, business, and financial operations occupations.....	21,529	22,707	1,482	1,569
Professional and related occupations.....	29,637	31,255	1,335	1,392
Service occupations.....	14,630	15,468	644	697
Sales and office occupations.....	21,748	21,978	826	880
Sales and related occupations.....	9,281	9,170	887	941
Office and administrative support occupations.....	12,467	12,808	806	847
Natural resources, construction, and maintenance occupations.....	11,182	11,386	919	965
Farming, fishing, and forestry occupations.....	800	762	623	645
Construction and extraction occupations.....	6,171	6,406	904	943
Installation, maintenance, and repair occupations.....	4,211	4,218	1,017	1,043
Production, transportation, and material moving occupations.....	15,590	16,076	774	821
Production occupations.....	7,107	7,352	809	862
Transportation and material moving occupations.....	8,483	8,724	738	796
<b>Men</b>				
Management, professional, and related occupations.....	24,561	26,229	1,609	1,726
Management, business, and financial operations occupations.....	11,231	12,079	1,672	1,772
Professional and related occupations.....	13,330	14,150	1,555	1,647
Service occupations.....	7,000	7,463	723	767
Sales and office occupations.....	8,677	8,741	970	1,019
Sales and related occupations.....	5,090	5,048	1,049	1,139
Office and administrative support occupations.....	3,587	3,693	899	933
Natural resources, construction, and maintenance occupations.....	10,635	10,823	930	979
Farming, fishing, and forestry occupations.....	651	582	637	661
Construction and extraction occupations.....	5,965	6,195	908	951
Installation, maintenance, and repair occupations.....	4,019	4,047	1,023	1,051
Production, transportation, and material moving occupations.....	12,056	12,298	825	891
Production occupations.....	5,251	5,314	884	943
Transportation and material moving occupations.....	6,804	6,984	786	842
<b>Women</b>				
Management, professional, and related occupations.....	26,605	27,733	1,222	1,284
Management, business, and financial operations occupations.....	10,299	10,629	1,306	1,409
Professional and related occupations.....	16,306	17,104	1,167	1,229
Service occupations.....	7,630	8,005	598	643
Sales and office occupations.....	13,071	13,236	766	810
Sales and related occupations.....	4,191	4,122	720	783
Office and administrative support occupations.....	8,880	9,115	779	818
Natural resources, construction, and maintenance occupations.....	547	562	696	700
Farming, fishing, and forestry occupations.....	149	180	585	611
Construction and extraction occupations.....	207	211	720	796
Installation, maintenance, and repair occupations.....	192	171	836	861
Production, transportation, and material moving occupations.....	3,535	3,778	638	694
Production occupations.....	1,856	2,038	653	700
Transportation and material moving occupations.....	1,679	1,740	624	687

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, 2022 annual averages**

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
<b>TOTAL</b>						
Total, 25 years and over.....	108,143	\$580	\$752	\$1,123	\$1,753	\$2,689
Less than a high school diploma.....	6,203	422	540	682	902	1,218
High school graduates, no college <sup>1</sup> .....	26,434	512	648	853	1,199	1,718
Some college or associate degree.....	26,276	561	707	969	1,399	1,945
Bachelor's degree and higher <sup>2</sup> .....	49,231	744	1,044	1,544	2,311	3,445
Bachelor's degree only.....	30,151	703	965	1,432	2,117	3,093
Advanced degree.....	19,080	869	1,190	1,755	2,589	3,895
<b>Men</b>						
Total, 25 years and over.....	59,510	608	810	1,219	1,902	2,914
Less than a high school diploma.....	4,181	478	591	745	989	1,323
High school graduates, no college <sup>1</sup> .....	16,365	575	705	945	1,332	1,879
Some college or associate degree.....	14,035	604	788	1,111	1,565	2,231
Bachelor's degree and higher <sup>2</sup> .....	24,928	807	1,163	1,765	2,697	3,896
Bachelor's degree only.....	15,799	763	1,090	1,632	2,463	3,514
Advanced degree.....	9,129	948	1,360	1,998	3,023	4,713
<b>Women</b>						
Total, 25 years and over.....	48,633	534	700	1,002	1,539	2,296
Less than a high school diploma.....	2,021	376	481	594	707	909
High school graduates, no college <sup>1</sup> .....	10,069	467	590	735	979	1,336
Some college or associate degree.....	12,240	513	651	847	1,170	1,629
Bachelor's degree and higher <sup>2</sup> .....	24,303	705	955	1,372	1,950	2,876
Bachelor's degree only.....	14,352	660	873	1,248	1,831	2,588
Advanced degree.....	9,951	826	1,117	1,546	2,208	3,113
<b>White, total</b>						
Total, 25 years and over.....	82,315	589	770	1,145	1,771	2,710
Less than a high school diploma.....	4,998	431	551	690	911	1,225
High school graduates, no college <sup>1</sup> .....	20,043	523	668	884	1,243	1,768
Some college or associate degree.....	20,050	580	729	1,005	1,453	2,021
Bachelor's degree and higher <sup>2</sup> .....	37,224	752	1,057	1,553	2,320	3,454
Bachelor's degree only.....	23,527	715	982	1,456	2,187	3,122
Advanced degree.....	13,697	877	1,190	1,755	2,593	3,901
<b>White men</b>						
Total, 25 years and over.....	46,365	619	830	1,243	1,912	2,919
Less than a high school diploma.....	3,476	483	595	753	996	1,347
High school graduates, no college <sup>1</sup> .....	12,788	586	724	982	1,372	1,906
Some college or associate degree.....	11,061	624	819	1,158	1,633	2,295
Bachelor's degree and higher <sup>2</sup> .....	19,039	824	1,172	1,774	2,715	3,902
Bachelor's degree only.....	12,559	786	1,127	1,655	2,497	3,582
Advanced degree.....	6,480	948	1,365	2,013	3,085	4,756
<b>White women</b>						
Total, 25 years and over.....	35,950	545	710	1,022	1,557	2,305
Less than a high school diploma.....	1,522	378	484	595	702	896
High school graduates, no college <sup>1</sup> .....	7,254	476	596	748	999	1,369
Some college or associate degree.....	8,989	523	667	871	1,202	1,664
Bachelor's degree and higher <sup>2</sup> .....	18,185	709	962	1,377	1,975	2,877
Bachelor's degree only.....	10,968	666	881	1,261	1,856	2,646
Advanced degree.....	7,217	836	1,126	1,540	2,184	3,108

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, 2022 annual averages — Continued**

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
<b>Black or African American, total</b>						
Total, 25 years and over.....	14,369	506	661	908	1,363	2,008
Less than a high school diploma.....	648	391	489	618	813	1,130
High school graduates, no college <sup>1</sup> .....	4,284	471	596	747	1,005	1,396
Some college or associate degree.....	4,237	496	623	820	1,162	1,571
Bachelor's degree and higher <sup>2</sup> .....	5,200	682	910	1,276	1,883	2,759
Bachelor's degree only.....	3,123	642	842	1,159	1,720	2,419
Advanced degree.....	2,077	772	1,053	1,464	2,110	3,221
<b>Black or African American men</b>						
Total, 25 years and over.....	6,918	532	687	969	1,472	2,217
Less than a high school diploma.....	371	440	518	675	875	1,187
High school graduates, no college <sup>1</sup> .....	2,376	498	623	809	1,115	1,550
Some college or associate degree.....	1,899	518	667	892	1,274	1,756
Bachelor's degree and higher <sup>2</sup> .....	2,272	700	990	1,452	2,113	3,442
Bachelor's degree only.....	1,442	648	898	1,353	1,911	2,720
Advanced degree.....	830	862	1,178	1,604	2,391	4,015
<b>Black or African American women</b>						
Total, 25 years and over.....	7,452	488	636	867	1,255	1,868
Less than a high school diploma.....	277	368	430	557	758	934
High school graduates, no college <sup>1</sup> .....	1,908	423	563	697	901	1,190
Some college or associate degree.....	2,338	482	607	767	1,075	1,428
Bachelor's degree and higher <sup>2</sup> .....	2,929	676	871	1,169	1,725	2,398
Bachelor's degree only.....	1,681	635	807	1,076	1,521	2,133
Advanced degree.....	1,248	747	984	1,357	1,902	2,741
<b>Asian, total</b>						
Total, 25 years and over.....	7,782	609	869	1,448	2,295	3,433
Less than a high school diploma.....	259	374	512	643	832	1,185
High school graduates, no college <sup>1</sup> .....	1,073	499	615	784	1,103	1,602
Some college or associate degree.....	954	524	700	952	1,357	1,888
Bachelor's degree and higher <sup>2</sup> .....	5,497	764	1,189	1,834	2,621	3,855
Bachelor's degree only.....	2,668	689	1,007	1,563	2,307	3,317
Advanced degree.....	2,829	936	1,391	1,978	2,908	4,226
<b>Asian men</b>						
Total, 25 years and over.....	4,277	647	968	1,628	2,513	3,829
Less than a high school diploma.....	144	437	561	704	972	1,386
High school graduates, no college <sup>1</sup> .....	570	576	658	868	1,268	1,727
Some college or associate degree.....	532	583	761	1,061	1,460	2,021
Bachelor's degree and higher <sup>2</sup> .....	3,032	847	1,340	1,983	2,909	4,152
Bachelor's degree only.....	1,423	733	1,110	1,830	2,586	3,695
Advanced degree.....	1,609	1,047	1,535	2,279	3,271	4,756
<b>Asian women</b>						
Total, 25 years and over.....	3,505	578	770	1,262	1,915	2,890
Less than a high school diploma.....	114	342	492	602	716	909
High school graduates, no college <sup>1</sup> .....	503	460	585	710	933	1,297
Some college or associate degree.....	422	501	651	837	1,118	1,644
Bachelor's degree and higher <sup>2</sup> .....	2,465	716	1,057	1,571	2,286	3,205
Bachelor's degree only.....	1,245	654	929	1,394	1,919	2,820
Advanced degree.....	1,220	874	1,257	1,836	2,502	3,710

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, 2022 annual averages — Continued**

Characteristic	Number of workers (in thousands)	Upper limit of:				
		First decile	First quartile	Second quartile (median)	Third quartile	Ninth decile
<b>Hispanic or Latino ethnicity, total</b>						
Total, 25 years and over.....	19,504	507	641	873	1,303	1,935
Less than a high school diploma.....	3,871	427	542	672	884	1,187
High school graduates, no college <sup>1</sup> .....	6,315	499	619	795	1,101	1,504
Some college or associate degree.....	4,357	547	683	901	1,295	1,785
Bachelor's degree and higher <sup>2</sup> .....	4,962	649	902	1,340	1,990	2,907
Bachelor's degree only.....	3,370	622	843	1,237	1,876	2,706
Advanced degree.....	1,591	728	1,056	1,547	2,313	3,460
<b>Hispanic or Latino men</b>						
Total, 25 years and over.....	11,538	539	682	922	1,375	2,087
Less than a high school diploma.....	2,717	481	586	730	962	1,261
High school graduates, no college <sup>1</sup> .....	4,100	543	670	864	1,201	1,651
Some college or associate degree.....	2,284	591	740	1,010	1,432	1,939
Bachelor's degree and higher <sup>2</sup> .....	2,438	684	979	1,499	2,305	3,437
Bachelor's degree only.....	1,669	679	928	1,381	2,121	3,000
Advanced degree.....	768	718	1,132	1,757	2,808	4,348
<b>Hispanic or Latino women</b>						
Total, 25 years and over.....	7,966	478	604	791	1,188	1,812
Less than a high school diploma.....	1,154	374	481	588	681	852
High school graduates, no college <sup>1</sup> .....	2,215	448	573	703	905	1,192
Some college or associate degree.....	2,073	505	633	798	1,128	1,553
Bachelor's degree and higher <sup>2</sup> .....	2,524	622	840	1,224	1,765	2,483
Bachelor's degree only.....	1,701	606	780	1,119	1,646	2,307
Advanced degree.....	823	732	1,007	1,424	1,967	2,682

<sup>1</sup> Includes persons with a high school diploma or equivalent.

<sup>2</sup> 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.