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U.S. DEPARTMENT OF COMMERCE

News Release

Real Personal Income for States and Metropolitan Areas, 2017

Real state personal income grew 2.6 percent in 2017, after increasing 1.5 percent in 2016, according to estimates released today by the Bureau of Economic Analysis. Real state personal income is a state's current-dollar personal income adjusted by the state's regional price parity and the national personal consumption expenditures price index. The percent change in real state personal income ranged from 4.5 percent in New York to -1.3 percent in North Dakota (table 1). Across metropolitan areas, the percent change ranged from 14.8 percent in Midland, MI to -5.9 percent in Enid, OK (table 4).

Real Personal Income for States: Percent Change, 2016–2017

Quintile growth rates
- 3.3 to 4.5
- 2.7 to 3.3
- 2.2 to 2.7
- 1.5 to 2.2
- -1.3 to 1.5

U.S. growth rate = 2.6

U.S. Bureau of Economic Analysis
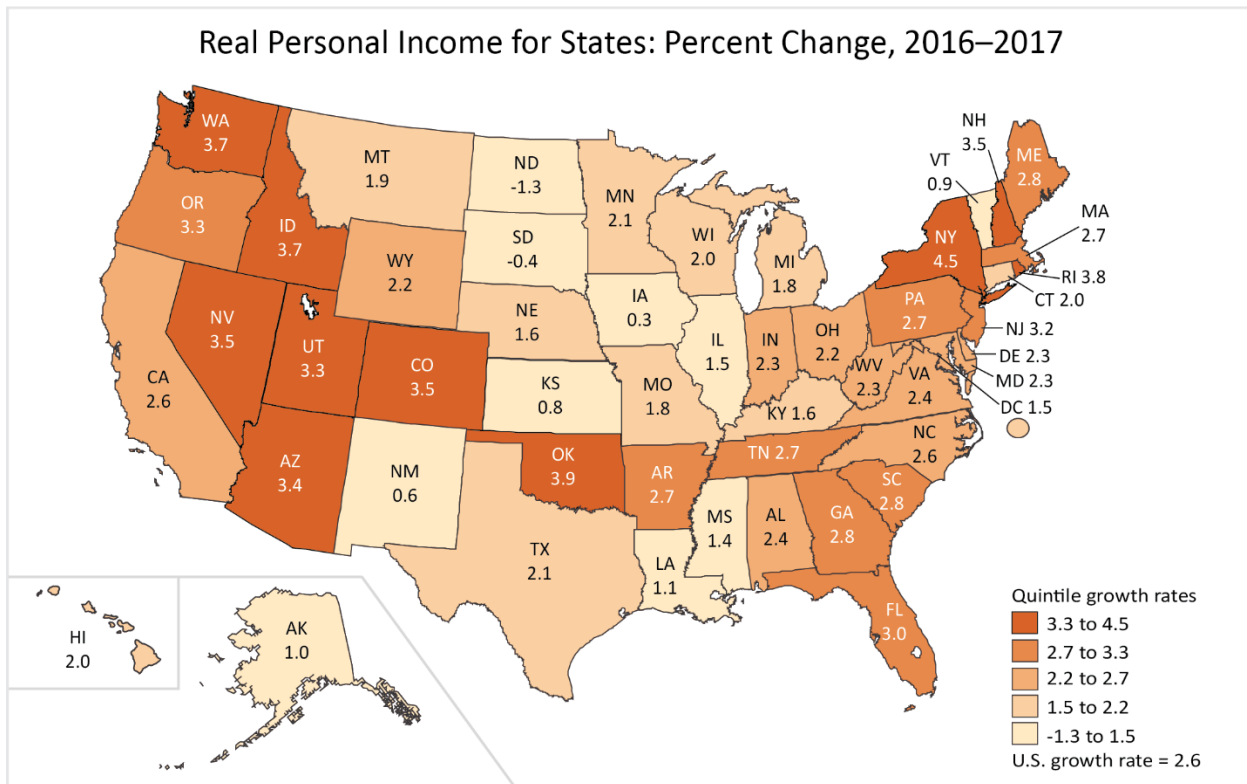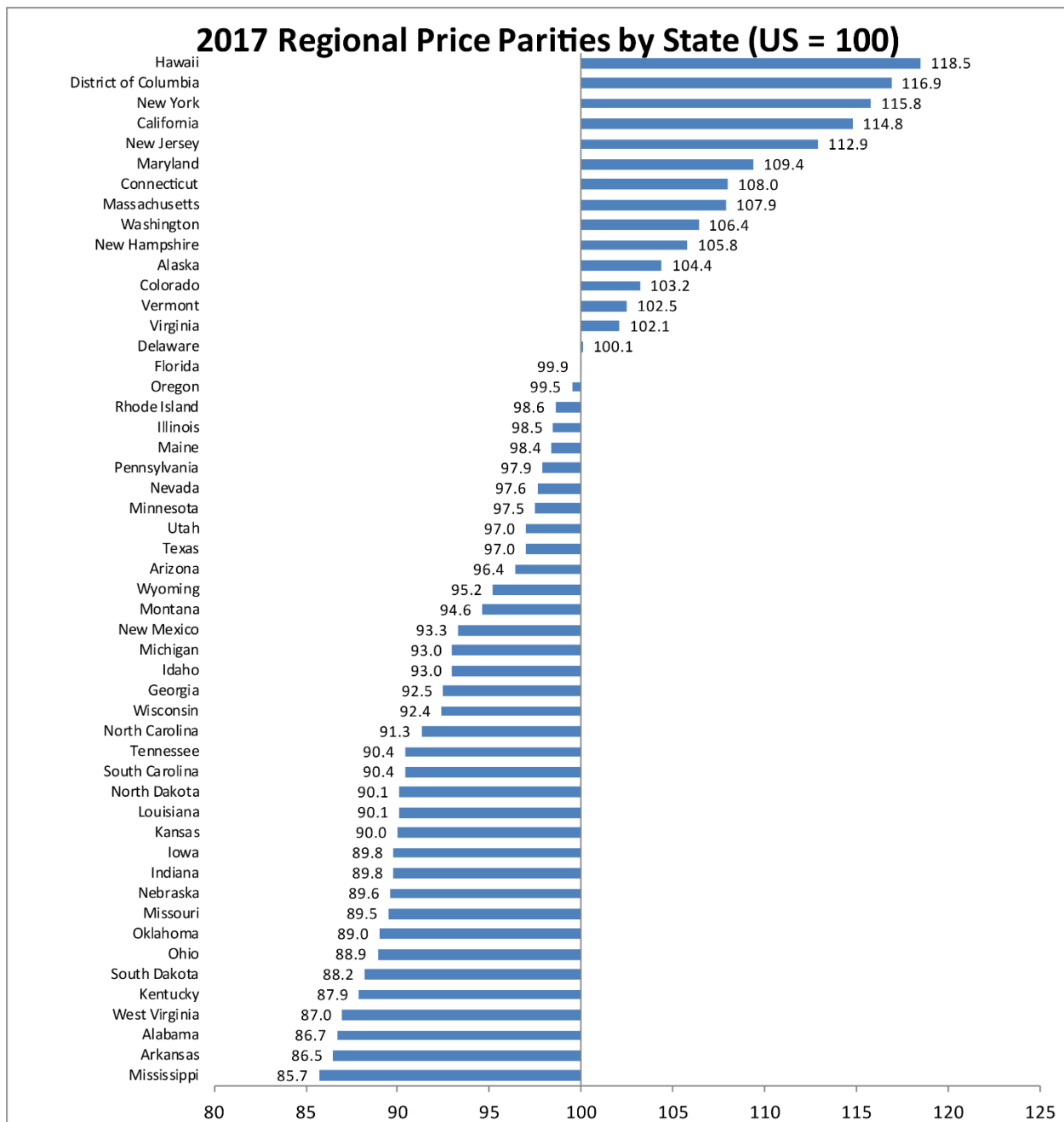
Real Personal Income in 2017

- States with the fastest growth in real personal income were New York (4.5 percent), Oklahoma (3.9 percent), and Rhode Island (3.8 percent).

- Two states had declines in real personal income — North Dakota (-1.3 percent) and South Dakota (-0.4 percent). States with the slowest growth in real personal income were Iowa (0.3 percent), New Mexico (0.6 percent), and Kansas (0.8 percent).

- Large metropolitan areas — those with population greater than two million — with the fastest growth in real personal income were New York-Newark-Jersey City, NY-NJ-PA (4.3 percent), Seattle-Tacoma-Bellevue, WA (4.3 percent), and Austin-Round Rock, TX (4.1 percent).

- The large metropolitan areas with the slowest growth in real personal income were Los Angeles-Long Beach-Anaheim, CA (1.6 percent), St. Louis, MO-IL (1.8 percent), and Pittsburgh, PA (1.8 percent).

Regional Price Parities in 2017

Regional Price Parities (RPPs) measure the differences in price levels across states and metropolitan areas for a given year and are expressed as a percentage of the overall national price level. All items RPPs cover all consumption goods and services, including housing rents. Areas with high/low RPPs typically correspond to areas with high/low price levels for rents.

- States with the highest RPPs were Hawaii (118.5), New York (115.8), and California (114.8) (table 3). The District of Columbia's RPP was 116.9.

- States with the lowest RPPs were Mississippi (85.7), Arkansas (86.5), and Alabama (86.7).

- Across states, Hawaii had the highest RPP for rents (156.4) and West Virginia had the lowest (61.4).

- Large metropolitan areas with the highest RPPs were San Francisco-Oakland-Hayward, CA (128.0), New York-Newark-Jersey City, NY-NJ-PA (122.3), and Washington-Arlington-Alexandria, DC-VA-MD-WV, (118.4) (table 6).

- Large metropolitan areas with the lowest RPPs were Cincinnati, OH-KY-IN (90.0), Cleveland-Elyria, OH (90.2), and St. Louis, MO-IL (91.4).

- Across large metropolitan areas, San Francisco-Oakland-Hayward, CA had the highest RPP for rents (195.0) and Cleveland-Elyria, OH had the lowest (77.2).

- Across all metropolitan areas, San Jose-Sunnyvale-Santa Clara, CA had the highest RPP for rents (218.4) and Beckley, WV had the lowest (48.5).

Estimates of real personal income and regional price parities for state metropolitan and nonmetropolitan portions can be found at https://apps.bea.gov/itable/index.cfm. Supplemental tables are available upon request.

2017 Regional Price Parities by State (US = 100)

State	RPP
Hawaii	118.5
District of Columbia	116.9
New York	115.8
California	114.8
New Jersey	112.9
Maryland	109.4
Connecticut	108.0
Massachusetts	107.9
Washington	106.4
New Hampshire	105.8
Alaska	104.4
Colorado	103.2
Vermont	102.5
Virginia	102.1
Delaware	100.1
Florida	99.9
Oregon	99.5
Rhode Island	98.6
Illinois	98.5
Maine	98.4
Pennsylvania	97.9
Nevada	97.6
Minnesota	97.5
Utah	97.0
Texas	97.0
Arizona	96.4
Wyoming	95.2
Montana	94.6
New Mexico	93.3
Michigan	93.0
Idaho	93.0
Georgia	92.5
Wisconsin	92.4
North Carolina	91.3
Tennessee	90.4
South Carolina	90.4
North Dakota	90.1
Louisiana	90.1
Kansas	90.0
Iowa	89.8
Indiana	89.8
Nebraska	89.6
Missouri	89.5
Oklahoma	89.0
Ohio	88.9
South Dakota	88.2
Kentucky	87.9
West Virginia	87.0
Alabama	86.7
Arkansas	86.5
Mississippi	85.7

U.S. Bureau of Economic Analysis

Updates to Real Personal Income

Today, BEA also released revised real personal income statistics for states and metropolitan areas for 2015-2016 and real per capita personal income statistics for states for 2010-2016. These revisions were made to incorporate newly available source data. BEA will update real personal income for states on September 24, 2019 with the release of state personal income. Real personal income for metropolitan areas will be updated on November 14, 2019 with the release of local area personal income.

Next release: May 2020 – Real Personal Income for States and Metropolitan Areas, 2018.

Technical Notes on Regional Price Parities and Implicit Regional Price Deflators

Price indexes commonly measure price changes over time. The BEA's personal consumption expenditures (PCE) price index and the Bureau of Labor Statistics' consumer price index (CPI) are two examples. Spatial price indexes measure price level differences across regions for one time period. An example of these type of indexes are purchasing power parities (PPPs), which measure differences in price levels across countries for a given period, and can be used to convert estimates of per capita GDP into comparable levels in a common currency. The regional price parities (RPPs) that BEA has developed compare regions within the United States, but without the need for currency conversion. An implicit regional price deflator (IRPD) can be derived by combining the RPPs and the U.S. PCE price index.

Regional Price Parities. The RPPs are calculated using price quotes for a wide array of items from the CPI, which are aggregated into broader expenditure categories (such as food, transportation or education)[1]. Data on housing rents are obtained separately from the Census Bureau's American Community Survey (ACS). The expenditure weights for each category are constructed using CPI expenditure weights, BEA's personal consumption expenditures, and ACS rents expenditures[2].

The broader categories and the data on rents are combined with the expenditure weights using a multilateral aggregation method that expresses a region's price level relative to the U.S[3].

For example, if the RPP for area A is 120 and for area B is 90, then on average, prices are 20 percent higher and 10 percent lower than the U.S. average for A and B, respectively. If the personal income for area A is $12,000 and for area B is $9,000, then RPP-adjusted incomes are $10,000 (or $12,000/1.20) and $10,000 (or $9,000/0.90), respectively. In other words, the purchasing power of the two incomes is equivalent when adjusted by their respective RPPs.

Implicit Regional Price Deflator. The IRPD is a regional price index derived as the product of two terms: the regional price parity and the U.S. PCE price index.

The implicit regional price deflator will equal current dollar personal income divided by real personal income in chained dollars. The growth rate or year-to-year change in the IRPDs is a measure of regional inflation[4].

Detailed information on the methodology used to estimate the RPPs may be found on the regional methodology page of the BEA website: https://www.bea.gov/resources/methodologies.

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[1] The BEA Regional Price Parity statistics are based in part on restricted access Consumer Price Index data from the Bureau of Labor Statistics (BLS). The BEA statistics presented herein are products of BEA and not BLS.

[2] To estimate RPPs, CPI price quotes are quality adjusted and pooled over 5 years. The ACS rents are also quality adjusted and are either annual for states or pooled over 3 years for metropolitan areas. The expenditure weights are specific for each year.

[3] The multilateral system that is used is the Geary additive method. Any region or combination of regions may be used as the base or reference region without loss of consistency.

[4] The growth rate of the implicit regional price deflators will not necessarily equal the region or metro area price deflators published by the BLS. This is because the CPI deflators are calculated directly while the IRPDs are indirect estimates, and because of differences in the source data and methodology.

Additional Information

Resources

- Stay informed about BEA developments by reading the BEA blog, signing up for BEA's email subscription service, or following BEA on Twitter @BEA_News.
- Historical time series for these estimates can be accessed in BEA's Interactive Data Application.
- Access BEA data by registering for BEA's Data Application Programming Interface (API).
- For more on BEA's statistics, see our monthly online journal, the *Survey of Current Business*.
- BEA's news release schedule.

Definitions

Personal income is the income received by, or on behalf of, all persons from all sources: from participation as laborers in production, from owning a home or business, from the ownership of financial assets, and from government and business in the form of transfers. It includes income from domestic sources as well as the rest of world. It does not include realized or unrealized capital gains or losses.

Personal income is measured before the deduction of personal income taxes and other personal taxes and is reported in current dollars (no adjustment is made for price changes). Comparisons for different regions and time periods reflect changes in both the price and quantity components of regional personal income.

The estimate of personal income for the United States is the sum of the state estimates and the estimate for the District of Columbia; it differs slightly from the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data.

Per capita personal income is calculated as the total personal income of the residents of a given area divided by the population of the area. In computing per capita personal income, BEA uses Census Bureau mid-year population estimates.

Regional price parities (RPPs) are regional price levels expressed as a percentage of the overall national price level for a given year. The price level is determined by the average prices paid by consumers for the mix of goods and services consumed in each region.

Detailed CPI price data are adjusted to obtain average price levels for BLS-defined areas[5]. These are allocated to counties in combination with direct price and expenditure data on housing rents from the ACS.

County data are then aggregated to states and metropolitan areas.

Personal income at RPPs is current-dollar personal income divided by the price parity[6] for a given year and region. A balancing factor is applied so that the sum of personal income at RPPs across regions equals the current dollar sum.

Real personal income is personal income at RPPs divided by the national PCE chain-type price index. The result is real personal income in chained dollars (using 2012 as the reference year). Using Delaware in 2017 as an example:

(1) Personal Income is divided by the RPP	(2) Balancing factor is applied	(3) Personal Income at RPPs is deflated by the U.S. PCE Price Index	**2017 Delaware Real Personal Income**
$47.8 / 1.001 = $47.8	$47.8 / 0.996 = $47.9	$47.9 / 1.061 = $45.2	**$45.2**

Note: Dollar amounts are in billions.

Estimates of real personal income in the United States are derived as the sum of the current-dollar regional estimates divided by the U.S. PCE Price Index.

Implicit Regional Price Deflator (IRPD) is the product of the RPP times the national PCE price index. It is equal to personal income divided by real personal income. See also the Technical Note.

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[5] The CPI represents about 93 percent of the total U.S. population, including almost all residents of urban or metropolitan areas. In the Northeast region, rural area prices (exclusive of rents) are assumed to be the same as those in the small metropolitan areas of the CPI; in the Midwest, South, and West regions, they are assumed to be the same as those in the nonmetropolitan urban areas of the CPI.

[6] RPP should first be divided by 100.

List of News Release Tables

Table 1. Real Personal Income and Implicit Regional Price Deflators by State, 2016-2017

	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
United States[1]	16,115,630	16,820,250	4.4	15,460,919	15,857,214	2.6	104.2	106.1	1.8
Alabama	190,991	198,916	4.1	212,101	217,164	2.4	90.0	91.6	1.8
Alaska	41,461	42,301	2.0	37,959	38,328	1.0	109.2	110.4	1.1
Arizona	280,988	296,649	5.6	281,579	291,271	3.4	99.8	101.8	2.0
Arkansas	118,770	123,313	3.8	131,376	134,947	2.7	90.4	91.4	1.1
California	2,259,414	2,364,129	4.6	1,899,360	1,948,112	2.6	119.0	121.4	2.0
Colorado	289,621	306,411	5.8	271,550	280,978	3.5	106.7	109.1	2.2
Connecticut	249,513	257,714	3.3	221,478	225,839	2.0	112.7	114.1	1.2
Delaware	45,917	47,782	4.1	44,133	45,159	2.3	104.0	105.8	1.7
District of Columbia	53,040	55,510	4.7	44,242	44,920	1.5	119.9	123.6	3.1
Florida	953,261	1,000,624	5.0	919,677	947,646	3.0	103.7	105.6	1.8
Georgia	439,574	460,403	4.7	457,950	470,992	2.8	96.0	97.8	1.9
Hawaii	72,650	75,355	3.7	58,990	60,190	2.0	123.2	125.2	1.6
Idaho	68,055	71,813	5.5	70,487	73,083	3.7	96.5	98.3	1.9
Illinois	673,529	693,914	3.0	656,964	666,633	1.5	102.5	104.1	1.6
Indiana	289,164	301,008	4.1	309,926	317,079	2.3	93.3	94.9	1.7
Iowa	145,157	148,043	2.0	155,662	156,054	0.3	93.3	94.9	1.7
Kansas	138,105	141,459	2.4	147,567	148,730	0.8	93.6	95.1	1.6
Kentucky	175,013	180,827	3.3	191,624	194,624	1.6	91.3	92.9	1.8
Louisiana	199,543	204,517	2.5	212,480	214,793	1.1	93.9	95.2	1.4
Maine	59,577	62,060	4.2	58,059	59,663	2.8	102.6	104.0	1.4
Maryland	353,880	368,258	4.1	311,398	318,543	2.3	113.6	115.6	1.8
Massachusetts	444,813	463,931	4.3	396,237	406,854	2.7	112.3	114.0	1.5
Michigan	444,532	460,270	3.5	460,173	468,424	1.8	96.6	98.3	1.8
Minnesota	291,362	303,141	4.0	288,211	294,277	2.1	101.1	103.0	1.9
Mississippi	106,915	109,324	2.3	118,997	120,642	1.4	89.8	90.6	0.9
Missouri	265,495	274,976	3.6	285,597	290,826	1.8	93.0	94.5	1.6
Montana	45,747	47,677	4.2	46,795	47,691	1.9	97.8	100.0	2.2
Nebraska	94,731	97,557	3.0	101,329	102,975	1.6	93.5	94.7	1.3
Nevada	130,757	138,386	5.8	129,647	134,188	3.5	100.9	103.1	2.2
New Hampshire	76,247	80,122	5.1	69,181	71,636	3.5	110.2	111.8	1.5
New Jersey	555,805	581,199	4.6	472,077	487,250	3.2	117.7	119.3	1.4
New Mexico	81,185	83,127	2.4	83,744	84,270	0.6	96.9	98.6	1.8
New York	1,208,346	1,281,082	6.0	1,001,619	1,046,571	4.5	120.6	122.4	1.5
North Carolina	433,766	454,307	4.7	458,831	470,697	2.6	94.5	96.5	2.1
North Dakota	39,766	39,484	-0.7	42,018	41,452	-1.3	94.6	95.3	0.7
Ohio	525,056	544,828	3.8	567,206	579,945	2.2	92.6	93.9	1.4
Oklahoma	165,107	174,435	5.6	178,440	185,448	3.9	92.5	94.1	1.7
Oregon	189,644	199,422	5.2	183,629	189,689	3.3	103.3	105.1	1.7
Pennsylvania	657,165	682,534	3.9	642,329	659,486	2.7	102.3	103.5	1.2
Rhode Island	53,731	55,934	4.1	51,710	53,656	3.8	103.9	104.2	0.3
South Carolina	199,942	209,180	4.6	212,812	218,819	2.8	94.0	95.6	1.7
South Dakota	41,789	42,455	1.6	45,707	45,534	-0.4	91.4	93.2	2.0
Tennessee	292,120	305,691	4.6	311,389	319,790	2.7	93.8	95.6	1.9
Texas	1,287,687	1,340,568	4.1	1,279,939	1,307,415	2.1	100.6	102.5	1.9
Utah	128,407	134,804	5.0	127,301	131,503	3.3	100.9	102.5	1.6
Vermont	31,572	32,570	3.2	29,792	30,054	0.9	106.0	108.4	2.3
Virginia	448,684	466,743	4.0	422,391	432,570	2.4	106.2	107.9	1.6
Washington	404,232	428,765	6.1	367,907	381,378	3.7	109.9	112.4	2.3
West Virginia	67,583	69,873	3.4	74,286	75,986	2.3	91.0	92.0	1.1
Wisconsin	273,787	283,636	3.6	284,766	290,420	2.0	96.1	97.7	1.7
Wyoming	32,435	33,221	2.4	32,299	33,022	2.2	100.4	100.6	0.2
Maximum	2,259,414	2,364,129	6.1	1,899,360	1,948,112	4.5	123.2	125.2	3.1
Minimum	31,572	32,570	-0.7	29,792	30,054	-1.3	89.8	90.6	0.2
Range	2,227,842	2,331,559	6.8	1,869,568	1,918,058	5.8	33.4	34.6	2.9

Source: U.S. Bureau of Economic Analysis

Note: Estimates may not add to totals because of rounding.

1. The implicit price deflator for the United States is equal to the national personal consumption expenditures price index, with a base of 2012.

Table 2. Real Per Capita Personal Income by State, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
United States	49,883	51,731	3.7	47,856	48,769	1.9
Alabama	39,260	40,802	3.9	43,600	44,545	2.2
Alaska	55,915	57,180	2.3	51,191	51,809	1.2
Arizona	40,456	42,085	4.0	40,542	41,322	1.9
Arkansas	39,717	41,063	3.4	43,932	44,937	2.3
California	57,625	60,004	4.1	48,442	49,445	2.1
Colorado	52,269	54,561	4.4	49,008	50,033	2.1
Connecticut	69,722	72,110	3.4	61,888	63,191	2.1
Delaware	48,374	49,925	3.2	46,494	47,184	1.5
District of Columbia	77,254	79,792	3.3	64,439	64,569	0.2
Florida	46,208	47,701	3.2	44,580	45,176	1.3
Georgia	42,657	44,214	3.7	44,441	45,231	1.8
Hawaii	50,872	52,910	4.0	41,307	42,263	2.3
Idaho	40,438	41,778	3.3	41,884	42,517	1.5
Illinois	52,509	54,271	3.4	51,218	52,137	1.8
Indiana	43,593	45,196	3.7	46,722	47,609	1.9
Iowa	46,350	47,093	1.6	49,704	49,641	-0.1
Kansas	47,438	48,600	2.4	50,688	51,098	0.8
Kentucky	39,433	40,600	3.0	43,176	43,698	1.2
Louisiana	42,654	43,786	2.7	45,419	45,986	1.2
Maine	44,749	46,485	3.9	43,608	44,689	2.5
Maryland	58,934	61,123	3.7	51,859	52,871	2.0
Massachusetts	65,164	67,596	3.7	58,048	59,280	2.1
Michigan	44,668	46,136	3.3	46,240	46,953	1.5
Minnesota	52,750	54,442	3.2	52,180	52,850	1.3
Mississippi	35,778	36,567	2.2	39,821	40,353	1.3
Missouri	43,615	45,014	3.2	46,918	47,609	1.5
Montana	43,951	45,274	3.0	44,958	45,287	0.7
Nebraska	49,703	50,875	2.4	53,165	53,700	1.0
Nevada	44,783	46,557	4.0	44,403	45,145	1.7
New Hampshire	56,800	59,360	4.5	51,537	53,073	3.0
New Jersey	62,629	65,387	4.4	53,195	54,818	3.1
New Mexico	38,793	39,709	2.4	40,016	40,255	0.6
New York	61,520	65,392	6.3	50,995	53,422	4.8
North Carolina	42,707	44,233	3.6	45,175	45,829	1.4
North Dakota	52,716	52,284	-0.8	55,701	54,890	-1.5
Ohio	45,127	46,710	3.5	48,750	49,720	2.0
Oklahoma	42,047	44,356	5.5	45,442	47,156	3.8
Oregon	46,352	48,093	3.8	44,882	45,746	1.9
Pennsylvania	51,407	53,363	3.8	50,247	51,561	2.6
Rhode Island	50,830	52,943	4.2	48,918	50,787	3.8
South Carolina	40,325	41,659	3.3	42,921	43,579	1.5
South Dakota	48,429	48,616	0.4	52,969	52,141	-1.6
Tennessee	43,961	45,566	3.7	46,861	47,667	1.7
Texas	46,092	47,332	2.7	45,814	46,161	0.8
Utah	42,203	43,441	2.9	41,839	42,378	1.3
Vermont	50,625	52,152	3.0	47,771	48,123	0.7
Virginia	53,345	55,137	3.4	50,219	51,100	1.8
Washington	55,415	57,743	4.2	50,435	51,361	1.8
West Virginia	36,912	38,454	4.2	40,573	41,818	3.1
Wisconsin	47,426	48,970	3.3	49,328	50,141	1.6
Wyoming	55,511	57,384	3.4	55,280	57,039	3.2
Maximum	77,254	79,792	6.3	64,439	64,569	4.8
Minimum	35,778	36,567	-0.8	39,821	40,255	-1.6
Range	41,476	43,225	7.1	24,618	24,314	6.4

Source: U.S. Bureau of Economic Analysis

Note: Per capita personal income uses Census Bureau midyear population estimates available as of December 2018.

Table 3. Regional Price Parities by State, 2017

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
United States[1]	100.0	99.4	101.2	100.0
Alabama	86.7	96.5	63.1	93.3
Alaska	104.4	101.4	132.1	95.6
Arizona	96.4	96.8	93.0	98.4
Arkansas	86.5	94.9	62.1	93.3
California	114.8	103.5	150.6	107.0
Colorado	103.2	99.6	120.7	97.7
Connecticut	108.0	104.0	113.1	109.0
Delaware	100.1	98.9	97.1	103.3
District of Columbia	116.9	105.6	154.5	109.5
Florida	99.9	98.5	106.7	96.9
Georgia	92.5	96.9	81.6	95.2
Hawaii	118.5	111.3	156.4	103.2
Idaho	93.0	98.5	77.7	96.7
Illinois	98.5	98.3	97.5	99.2
Indiana	89.8	96.2	73.9	92.7
Iowa	89.8	95.0	75.2	90.9
Kansas	90.0	95.7	74.2	92.6
Kentucky	87.9	94.6	67.1	93.1
Louisiana	90.1	96.8	75.2	93.3
Maine	98.4	98.6	92.5	101.6
Maryland	109.4	103.6	121.8	106.8
Massachusetts	107.9	101.8	121.8	106.0
Michigan	93.0	97.4	81.0	95.3
Minnesota	97.5	101.3	96.0	94.1
Mississippi	85.7	94.1	62.8	93.3
Missouri	89.5	95.5	73.0	92.3
Montana	94.6	99.4	83.1	94.7
Nebraska	89.6	95.2	74.7	91.1
Nevada	97.6	95.9	96.8	100.5
New Hampshire	105.8	100.9	116.7	104.8
New Jersey	112.9	102.0	130.0	114.8
New Mexico	93.3	97.0	80.2	99.1
New York	115.8	108.8	131.8	113.1
North Carolina	91.3	96.6	79.7	93.3
North Dakota	90.1	94.8	78.3	90.8
Ohio	88.9	95.8	72.1	91.7
Oklahoma	89.0	95.8	69.9	93.3
Oregon	99.5	99.1	106.4	95.9
Pennsylvania	97.9	99.4	86.4	102.9
Rhode Island	98.6	98.4	94.9	101.5
South Carolina	90.4	96.9	77.2	93.3
South Dakota	88.2	94.7	70.2	90.7
Tennessee	90.4	96.4	76.3	93.3
Texas	97.0	97.1	94.5	98.5
Utah	97.0	96.6	93.9	99.6
Vermont	102.5	98.5	116.4	101.4
Virginia	102.1	99.8	108.9	100.5
Washington	106.4	104.4	119.5	101.6
West Virginia	87.0	94.6	61.4	94.9
Wisconsin	92.4	95.8	84.2	92.9
Wyoming	95.2	99.2	85.7	95.3
Maximum	118.5	111.3	156.4	114.8
Minimum	85.7	94.1	61.4	90.7
Range	32.8	17.2	95.0	24.1

Source: U.S. Bureau of Economic Analysis

1. The U.S. all items RPP is the average price level across all states and the District of Columbia.

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2016-2017

	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
United States[1]	16,115,630	16,820,250	4.4	15,460,919	15,857,214	2.6	104.2	106.1	1.8
United States nonmetropolitan portion	1,762,110	1,817,716	3.2	1,940,161	1,971,976	1.6	90.8	92.2	1.5
Metropolitan Statistical Areas									
Abilene, TX	6,884	7,035	2.2	7,264	7,322	0.8	94.8	96.1	1.4
Akron, OH	32,110	33,424	4.1	34,339	35,106	2.2	93.5	95.2	1.8
Albany, GA	5,431	5,574	2.6	6,306	6,399	1.5	86.1	87.1	1.2
Albany, OR	4,793	5,049	5.4	4,885	5,068	3.8	98.1	99.6	1.5
Albany-Schenectady-Troy, NY	47,351	49,492	4.5	45,310	46,718	3.1	104.5	105.9	1.3
Albuquerque, NM	36,535	37,209	1.8	36,743	36,901	0.4	99.4	100.8	1.4
Alexandria, LA	6,402	6,562	2.5	7,036	7,099	0.9	91.0	92.4	1.5
Allentown-Bethlehem-Easton, PA-NJ	41,431	43,267	4.4	39,516	40,825	3.3	104.8	106.0	1.1
Altoona, PA	5,264	5,407	2.7	5,580	5,634	1.0	94.3	96.0	1.8
Amarillo, TX	11,432	11,609	1.6	11,852	11,812	-0.3	96.5	98.3	1.9
Ames, IA	3,786	3,885	2.6	3,993	4,007	0.3	94.8	97.0	2.3
Anchorage, AK	23,053	23,474	1.8	20,458	20,648	0.9	112.7	113.7	0.9
Ann Arbor, MI	19,814	20,715	4.5	18,809	19,326	2.7	105.3	107.2	1.8
Anniston-Oxford-Jacksonville, AL	4,009	4,159	3.7	4,605	4,657	1.1	87.1	89.3	2.5
Appleton, WI	11,161	11,552	3.5	11,825	12,117	2.5	94.4	95.3	1.0
Asheville, NC	18,839	19,721	4.7	19,620	20,215	3.0	96.0	97.6	1.7
Athens-Clarke County, GA	7,677	8,042	4.8	8,151	8,379	2.8	94.2	96.0	1.9
Atlanta-Sandy Springs-Roswell, GA	277,732	292,221	5.2	277,207	286,473	3.3	100.2	102.0	1.8
Atlantic City-Hammonton, NJ	12,125	12,566	3.6	11,331	11,695	3.2	107.0	107.5	0.5
Auburn-Opelika, AL	5,685	5,970	5.0	6,480	6,718	3.7	87.7	88.9	1.4
Augusta-Richmond County, GA-SC	23,175	24,187	4.4	25,320	25,901	2.3	91.5	93.4	2.1
Austin-Round Rock, TX	109,057	115,982	6.4	105,146	109,504	4.1	103.7	105.9	2.1
Bakersfield, CA	33,495	34,438	2.8	33,549	34,035	1.4	99.8	101.2	1.4
Baltimore-Columbia-Towson, MD	161,770	167,921	3.8	145,406	148,635	2.2	111.3	113.0	1.5
Bangor, ME	5,853	6,061	3.5	5,875	5,974	1.7	99.6	101.5	1.9
Barnstable Town, MA	14,410	15,033	4.3	13,344	13,627	2.1	108.0	110.3	2.1
Baton Rouge, LA	37,179	38,184	2.7	38,579	39,152	1.5	96.4	97.5	1.1
Battle Creek, MI	5,092	5,188	1.9	5,473	5,534	1.1	93.0	93.8	0.9
Bay City, MI	4,115	4,276	3.9	4,600	4,726	2.7	89.5	90.5	1.1
Beaumont-Port Arthur, TX	17,133	17,520	2.3	18,392	18,565	0.9	93.2	94.4	1.3
Beckley, WV	4,107	4,261	3.8	5,048	5,369	6.4	81.4	79.4	-2.5
Bellingham, WA	9,663	10,191	5.5	9,416	9,793	4.0	102.6	104.1	1.5
Bend-Redmond, OR	9,012	9,522	5.7	8,780	9,022	2.8	102.6	105.5	2.8
Billings, MT	8,082	8,484	5.0	8,026	8,281	3.2	100.7	102.5	1.8
Binghamton, NY	9,972	10,427	4.6	9,999	10,276	2.8	99.7	101.5	1.8
Birmingham-Hoover, AL	52,903	55,312	4.6	57,384	59,130	3.0	92.2	93.5	1.4
Bismarck, ND	7,146	7,216	1.0	7,413	7,367	-0.6	96.4	97.9	1.6
Blacksburg-Christiansburg-Radford, VA	6,456	6,698	3.7	7,044	7,187	2.0	91.6	93.2	1.7
Bloomington, IL	8,859	8,913	0.6	9,199	9,171	-0.3	96.3	97.2	0.9
Bloomington, IN	6,305	6,656	5.6	6,549	6,833	4.3	96.3	97.4	1.1
Bloomsburg-Berwick, PA	3,545	3,664	3.3	3,659	3,720	1.7	96.9	98.5	1.7
Boise City, ID	29,159	30,954	6.2	29,782	31,201	4.8	97.9	99.2	1.3
Boston-Cambridge-Newton, MA-NH	342,457	358,021	4.5	296,679	304,018	2.5	115.4	117.8	2.1
Boulder, CO	20,924	21,940	4.9	18,631	19,164	2.9	112.3	114.5	2.0
Bowling Green, KY	5,985	6,231	4.1	6,779	6,945	2.5	88.3	89.7	1.6
Bremerton-Silverdale, WA	13,216	13,989	5.8	11,938	12,387	3.8	110.7	112.9	2.0
Bridgeport-Stamford-Norwalk, CT	101,227	104,590	3.3	81,812	83,385	1.9	123.7	125.4	1.4
Brownsville-Harlingen, TX	11,559	11,754	1.7	13,312	13,354	0.3	86.8	88.0	1.4
Brunswick, GA	4,399	4,545	3.3	4,959	5,003	0.9	88.7	90.8	2.4
Buffalo-Cheektowaga-Niagara Falls, NY	52,424	54,926	4.8	53,390	54,921	2.9	98.2	100.0	1.8
Burlington, NC	5,995	6,307	5.2	6,467	6,717	3.9	92.7	93.9	1.3
Burlington-South Burlington, VT	11,786	12,183	3.4	10,834	11,015	1.7	108.8	110.6	1.7
California-Lexington Park, MD	5,963	6,188	3.8	5,734	5,945	3.7	104.0	104.1	0.1
Canton-Massillon, OH	16,591	17,141	3.3	18,254	18,632	2.1	90.9	92.0	1.2
Cape Coral-Fort Myers, FL	34,836	36,787	5.6	35,027	36,096	3.1	99.5	101.9	2.4
Cape Girardeau, MO-IL	3,858	4,000	3.7	4,506	4,606	2.2	85.6	86.8	1.4
Carbondale-Marion, IL	4,839	4,958	2.5	5,587	5,747	2.9	86.6	86.3	-0.3
Carson City, NV	2,455	2,682	9.3	2,476	2,650	7.0	99.1	101.2	2.1
Casper, WY	5,247	5,332	1.6	5,209	5,255	0.9	100.7	101.4	0.7
Cedar Rapids, IA	13,065	13,446	2.9	14,236	14,319	0.6	91.8	93.9	2.3
Chambersburg-Waynesboro, PA	6,526	6,766	3.7	6,656	6,773	1.8	98.1	99.9	1.8
Champaign-Urbana, IL	10,562	10,609	0.4	10,978	10,818	-1.5	96.2	98.1	2.0
Charleston, WV	9,152	9,317	1.8	10,129	10,266	1.4	90.4	90.8	0.4

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2016-2017

	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
Charleston-North Charleston, SC	35,242	37,085	5.2	35,326	36,606	3.6	99.8	101.3	1.5
Charlotte-Concord-Gastonia, NC-SC	118,710	125,654	5.8	122,438	127,124	3.8	97.0	98.8	1.9
Charlottesville, VA	13,037	13,739	5.4	12,839	13,276	3.4	101.5	103.5	2.0
Chattanooga, TN-GA	23,736	24,782	4.4	25,627	26,323	2.7	92.6	94.1	1.6
Cheyenne, WY	4,773	4,972	4.2	4,746	4,873	2.7	100.6	102.0	1.4
Chicago-Naperville-Elgin, IL-IN-WI	537,423	555,922	3.4	500,839	510,551	1.9	107.3	108.9	1.5
Chico, CA	9,498	9,926	4.5	9,295	9,544	2.7	102.2	104.0	1.8
Cincinnati, OH-KY-IN	107,967	112,302	4.0	115,871	118,471	2.2	93.2	94.8	1.7
Clarksville, TN-KY	10,836	11,305	4.3	11,558	11,900	3.0	93.8	95.0	1.3
Cleveland, TN	4,469	4,650	4.0	5,167	5,311	2.8	86.5	87.6	1.3
Cleveland-Elyria, OH	102,509	106,555	3.9	109,433	112,130	2.5	93.7	95.0	1.4
Coeur d'Alene, ID	6,298	6,656	5.7	6,461	6,686	3.5	97.5	99.5	2.1
College Station-Bryan, TX	9,293	9,729	4.7	9,605	9,895	3.0	96.8	98.3	1.5
Colorado Springs, CO	32,031	33,681	5.2	31,147	32,116	3.1	102.8	104.9	2.0
Columbia, MO	7,736	7,986	3.2	8,243	8,391	1.8	93.8	95.2	1.5
Columbia, SC	34,300	35,615	3.8	36,051	36,860	2.2	95.1	96.6	1.6
Columbus, GA-AL	11,835	12,227	3.3	12,784	13,038	2.0	92.6	93.8	1.3
Columbus, IN	3,781	3,922	3.7	4,116	4,221	2.5	91.9	92.9	1.1
Columbus, OH	98,657	103,195	4.6	103,253	106,129	2.8	95.5	97.2	1.8
Corpus Christi, TX	18,605	19,152	2.9	19,204	19,382	0.9	96.9	98.8	2.0
Corvallis, OR	3,899	4,118	5.6	3,748	3,887	3.7	104.0	105.9	1.8
Crestview-Fort Walton Beach-Destin, FL	12,821	13,462	5.0	13,050	13,551	3.8	98.2	99.3	1.1
Cumberland, MD-WV	3,739	3,835	2.6	4,089	4,200	2.7	91.4	91.3	-0.1
Dallas-Fort Worth-Arlington, TX	375,998	392,145	4.3	363,737	371,477	2.1	103.4	105.6	2.1
Dalton, GA	4,890	5,072	3.7	5,647	5,784	2.4	86.6	87.7	1.3
Danville, IL	2,873	2,913	1.4	3,458	3,502	1.3	83.1	83.2	0.1
Daphne-Fairhope-Foley, AL	8,924	9,372	5.0	9,444	9,802	3.8	94.5	95.6	1.2
Davenport-Moline-Rock Island, IA-IL	17,530	18,182	3.7	18,948	19,361	2.2	92.5	93.9	1.5
Dayton, OH	35,244	36,723	4.2	38,102	39,182	2.8	92.5	93.7	1.3
Decatur, AL	5,454	5,679	4.1	6,240	6,480	3.8	87.4	87.6	0.2
Decatur, IL	4,824	4,835	0.2	5,455	5,376	-1.4	88.4	89.9	1.7
Deltona-Daytona Beach-Ormond Beach, FL	25,398	26,703	5.1	25,686	26,606	3.6	98.9	100.4	1.5
Denver-Aurora-Lakewood, CO	161,733	172,311	6.5	148,010	153,923	4.0	109.3	111.9	2.4
Des Moines-West Des Moines, IA	32,515	33,781	3.9	33,522	34,308	2.3	97.0	98.5	1.5
Detroit-Warren-Dearborn, MI	211,758	219,372	3.6	213,246	217,391	1.9	99.3	100.9	1.6
Dothan, AL	5,624	5,839	3.8	6,457	6,613	2.4	87.1	88.3	1.4
Dover, DE	6,805	7,127	4.7	6,952	7,252	4.3	97.9	98.3	0.4
Dubuque, IA	4,347	4,463	2.7	4,627	4,693	1.4	94.0	95.1	1.2
Duluth, MN-WI	11,725	12,125	3.4	12,644	12,883	1.9	92.7	94.1	1.5
Durham-Chapel Hill, NC	28,293	29,663	4.8	28,668	29,565	3.1	98.7	100.3	1.6
East Stroudsburg, PA	6,558	6,841	4.3	6,489	6,699	3.2	101.1	102.1	1.0
Eau Claire, WI	7,162	7,494	4.6	7,646	7,892	3.2	93.7	95.0	1.4
El Centro, CA	6,356	6,619	4.1	6,847	7,031	2.7	92.8	94.2	1.5
Elizabethtown-Fort Knox, KY	5,896	6,138	4.1	6,675	6,860	2.8	88.3	89.5	1.4
Elkhart-Goshen, IN	8,537	9,051	6.0	9,203	9,613	4.5	92.8	94.1	1.4
Elmira, NY	3,486	3,643	4.5	3,519	3,612	2.6	99.1	100.8	1.7
El Paso, TX	28,359	29,209	3.0	30,863	31,110	0.8	91.9	93.9	2.2
Enid, OK	2,733	2,625	-4.0	2,918	2,746	-5.9	93.7	95.6	2.0
Erie, PA	11,371	11,500	1.1	11,792	11,778	-0.1	96.4	97.6	1.2
Eugene, OR	15,554	16,275	4.6	15,402	15,800	2.6	101.0	103.0	2.0
Evansville, IN-KY	13,743	14,286	3.9	14,981	15,271	1.9	91.7	93.5	2.0
Fairbanks, AK	5,316	5,434	2.2	4,802	4,825	0.5	110.7	112.6	1.7
Fargo, ND-MN	12,039	12,243	1.7	12,669	12,679	0.1	95.0	96.6	1.7
Farmington, NM	4,223	4,284	1.4	4,475	4,474	0.0	94.4	95.7	1.4
Fayetteville, NC	13,561	14,063	3.7	14,557	14,959	2.8	93.2	94.0	0.9
Fayetteville-Springdale-Rogers, AR-MO	30,315	31,939	5.4	32,663	33,897	3.8	92.8	94.2	1.5
Flagstaff, AZ	6,204	6,513	5.0	6,107	6,253	2.4	101.6	104.2	2.6
Flint, MI	15,717	16,147	2.7	16,768	16,985	1.3	93.7	95.1	1.5
Florence, SC	7,704	8,005	3.9	8,703	8,823	1.4	88.5	90.7	2.5
Florence-Muscle Shoals, AL	5,249	5,422	3.3	6,026	6,143	1.9	87.1	88.3	1.4
Fond du Lac, WI	4,516	4,692	3.9	5,004	5,158	3.1	90.2	91.0	0.9
Fort Collins, CO	16,347	17,384	6.3	15,522	16,139	4.0	105.3	107.7	2.3
Fort Smith, AR-OK	9,811	10,146	3.4	11,183	11,467	2.5	87.7	88.5	0.9
Fort Wayne, IN	18,391	19,177	4.3	19,940	20,431	2.5	92.2	93.9	1.8
Fresno, CA	39,391	41,024	4.1	39,608	40,677	2.7	99.5	100.9	1.4
Gadsden, AL	3,573	3,706	3.7	4,137	4,273	3.3	86.4	86.7	0.3

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	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
Gainesville, FL	11,355	11,877	4.6	11,609	11,970	3.1	97.8	99.2	1.4
Gainesville, GA	7,832	8,216	4.9	8,521	8,808	3.4	91.9	93.3	1.5
Gettysburg, PA	4,601	4,817	4.7	4,604	4,750	3.2	99.9	101.4	1.5
Glens Falls, NY	5,386	5,661	5.1	5,370	5,527	2.9	100.3	102.4	2.1
Goldsboro, NC	4,434	4,610	4.0	4,919	5,042	2.5	90.1	91.4	1.4
Grand Forks, ND-MN	4,810	4,934	2.6	5,026	5,137	2.2	95.7	96.0	0.3
Grand Island, NE	3,542	3,673	3.7	3,975	4,114	3.5	89.1	89.3	0.2
Grand Junction, CO	5,980	6,293	5.2	6,134	6,362	3.7	97.5	98.9	1.4
Grand Rapids-Wyoming, MI	49,640	51,538	3.8	51,679	52,752	2.1	96.1	97.7	1.7
Grants Pass, OR	3,216	3,359	4.4	3,319	3,444	3.8	96.9	97.5	0.6
Great Falls, MT	3,604	3,753	4.1	3,766	3,825	1.6	95.7	98.1	2.5
Greeley, CO	12,875	13,428	4.3	12,615	12,854	1.9	102.1	104.5	2.4
Green Bay, WI	15,033	15,584	3.7	16,070	16,412	2.1	93.5	95.0	1.6
Greensboro-High Point, NC	30,837	32,241	4.6	33,104	34,132	3.1	93.2	94.5	1.4
Greenville, NC	6,845	7,144	4.4	7,498	7,715	2.9	91.3	92.6	1.4
Greenville-Anderson-Mauldin, SC	36,152	37,747	4.4	38,891	39,865	2.5	93.0	94.7	1.8
Gulfport-Biloxi-Pascagoula, MS	13,932	14,261	2.4	15,081	15,272	1.3	92.4	93.4	1.1
Hagerstown-Martinsburg, MD-WV	10,980	11,408	3.9	10,573	10,801	2.2	103.9	105.6	1.6
Hammond, LA	4,808	5,010	4.2	5,441	5,520	1.5	88.4	90.8	2.7
Hanford-Corcoran, CA	5,012	5,303	5.8	5,140	5,360	4.3	97.5	98.9	1.4
Harrisburg-Carlisle, PA	27,262	28,323	3.9	27,122	27,733	2.3	100.5	102.1	1.6
Harrisonburg, VA	4,869	5,115	5.0	5,301	5,478	3.3	91.9	93.4	1.6
Hartford-West Hartford-East Hartford, CT	72,438	74,253	2.5	68,622	69,232	0.9	105.6	107.3	1.6
Hattiesburg, MS	5,511	5,648	2.5	6,480	6,566	1.3	85.0	86.0	1.2
Hickory-Lenoir-Morganton, NC	13,340	14,067	5.5	14,820	15,395	3.9	90.0	91.4	1.6
Hilton Head Island-Bluffton-Beaufort, SC	10,234	10,649	4.1	10,442	10,664	2.1	98.0	99.9	1.9
Hinesville, GA	2,534	2,607	2.9	2,707	2,773	2.4	93.6	94.0	0.4
Homosassa Springs, FL	5,217	5,444	4.4	5,755	5,942	3.2	90.6	91.6	1.1
Hot Springs, AR	3,618	3,775	4.3	4,105	4,167	1.5	88.1	90.6	2.8
Houma-Thibodaux, LA	8,624	8,716	1.1	9,168	9,170	0.0	94.1	95.1	1.1
Houston-The Woodlands-Sugar Land, TX	348,363	363,677	4.4	331,768	339,450	2.3	105.0	107.1	2.0
Huntington-Ashland, WV-KY-OH	13,135	13,420	2.2	14,735	14,886	1.0	89.1	90.1	1.1
Huntsville, AL	20,761	21,738	4.7	22,389	22,952	2.5	92.7	94.7	2.2
Idaho Falls, ID	5,933	6,264	5.6	6,375	6,490	1.8	93.1	96.5	3.7
Indianapolis-Carmel-Anderson, IN	101,836	106,415	4.5	106,926	109,823	2.7	95.2	96.9	1.8
Iowa City, IA	8,275	8,603	4.0	8,416	8,656	2.8	98.3	99.4	1.1
Ithaca, NY	4,234	4,441	4.9	3,818	3,940	3.2	110.9	112.7	1.6
Jackson, MI	5,896	6,039	2.4	6,408	6,467	0.9	92.0	93.4	1.5
Jackson, MS	24,558	24,969	1.7	26,291	26,267	-0.1	93.4	95.1	1.8
Jackson, TN	4,965	5,128	3.3	5,841	5,924	1.4	85.0	86.6	1.9
Jacksonville, FL	67,821	71,707	5.7	68,307	71,362	4.5	99.3	100.5	1.2
Jacksonville, NC	8,835	8,720	-1.3	9,196	8,949	-2.7	96.1	97.4	1.4
Janesville-Beloit, WI	6,590	6,821	3.5	6,998	7,178	2.6	94.2	95.0	0.8
Jefferson City, MO	6,016	6,228	3.5	7,076	7,289	3.0	85.0	85.5	0.6
Johnson City, TN	7,624	7,914	3.8	8,367	8,605	2.8	91.1	92.0	1.0
Johnstown, PA	5,348	5,453	2.0	5,936	5,968	0.5	90.1	91.4	1.4
Jonesboro, AR	4,438	4,595	3.6	5,232	5,296	1.2	84.8	86.8	2.4
Joplin, MO	6,571	6,756	2.8	7,280	7,401	1.7	90.3	91.3	1.1
Kahului-Wailuku-Lahaina, HI	7,456	7,856	5.4	6,764	6,952	2.8	110.2	113.0	2.5
Kalamazoo-Portage, MI	14,683	15,135	3.1	15,674	15,882	1.3	93.7	95.3	1.7
Kankakee, IL	4,270	4,369	2.3	4,285	4,366	1.9	99.7	100.1	0.4
Kansas City, MO-KS	104,692	108,374	3.5	108,443	110,480	1.9	96.5	98.1	1.7
Kennewick-Richland, WA	11,875	12,313	3.7	11,849	12,105	2.2	100.2	101.7	1.5
Killeen-Temple, TX	17,368	18,094	4.2	18,293	18,867	3.1	94.9	95.9	1.1
Kingsport-Bristol-Bristol, TN-VA	11,388	11,905	4.5	12,884	13,240	2.8	88.4	89.9	1.7
Kingston, NY	8,299	8,758	5.5	7,696	8,012	4.1	107.8	109.3	1.4
Knoxville, TN	36,926	38,507	4.3	40,176	41,146	2.4	91.9	93.6	1.8
Kokomo, IN	3,206	3,306	3.1	3,639	3,631	-0.2	88.1	91.0	3.3
La Crosse-Onalaska, WI-MN	6,307	6,494	3.0	6,598	6,709	1.7	95.6	96.8	1.3
Lafayette, LA	19,811	20,225	2.1	21,577	21,916	1.6	91.8	92.3	0.5
Lafayette-West Lafayette, IN	7,897	8,180	3.6	8,342	8,538	2.4	94.7	95.8	1.2
Lake Charles, LA	9,241	9,725	5.2	10,120	10,300	1.8	91.3	94.4	3.4
Lake Havasu City-Kingman, AZ	6,168	6,395	3.7	6,503	6,658	2.4	94.8	96.0	1.3
Lakeland-Winter Haven, FL	22,387	23,487	4.9	23,235	23,984	3.2	96.4	97.9	1.6
Lancaster, PA	25,515	26,715	4.7	24,674	25,403	3.0	103.4	105.2	1.7
Lansing-East Lansing, MI	18,647	19,177	2.8	19,539	19,759	1.1	95.4	97.1	1.8

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2016-2017

	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
Laredo, TX	8,103	8,246	1.8	8,774	8,850	0.9	92.4	93.2	0.9
Las Cruces, NM	7,390	7,623	3.2	7,846	8,068	2.8	94.2	94.5	0.3
Las Vegas-Henderson-Paradise, NV	92,751	97,457	5.1	91,874	94,886	3.3	101.0	102.7	1.7
Lawrence, KS	4,810	4,996	3.9	5,052	5,185	2.6	95.2	96.4	1.3
Lawton, OK	4,973	5,090	2.3	5,349	5,399	0.9	93.0	94.3	1.4
Lebanon, PA	6,097	6,379	4.6	6,133	6,322	3.1	99.4	100.9	1.5
Lewiston, ID-WA	2,608	2,726	4.6	2,771	2,844	2.6	94.1	95.9	1.9
Lewiston-Auburn, ME	4,116	4,292	4.3	4,199	4,293	2.2	98.0	100.0	2.0
Lexington-Fayette, KY	22,636	23,223	2.6	23,909	24,184	1.2	94.7	96.0	1.4
Lima, OH	4,058	4,223	4.1	4,531	4,682	3.3	89.6	90.2	0.7
Lincoln, NE	14,998	15,556	3.7	15,805	16,136	2.1	94.9	96.4	1.6
Little Rock-North Little Rock-Conway, AR	31,297	32,250	3.0	33,361	33,792	1.3	93.8	95.4	1.7
Logan, UT-ID	4,788	5,057	5.6	5,077	5,226	2.9	94.3	96.8	2.7
Longview, TX	8,623	8,749	1.5	9,149	9,108	-0.4	94.3	96.1	1.9
Longview, WA	4,367	4,585	5.0	4,468	4,644	3.9	97.7	98.7	1.0
Los Angeles-Long Beach-Anaheim, CA	776,513	802,394	3.3	640,504	650,693	1.6	121.2	123.3	1.7
Louisville/Jefferson County, KY-IN	59,059	61,197	3.6	62,580	63,919	2.1	94.4	95.7	1.4
Lubbock, TX	12,536	13,053	4.1	12,969	13,283	2.4	96.7	98.3	1.7
Lynchburg, VA	9,764	10,074	3.2	10,481	10,688	2.0	93.2	94.3	1.2
Macon-Bibb County, GA	8,766	9,033	3.0	9,803	9,891	0.9	89.4	91.3	2.1
Madera, CA	5,752	6,087	5.8	5,881	6,130	4.2	97.8	99.3	1.5
Madison, WI	35,333	36,826	4.2	35,228	36,121	2.5	100.3	102.0	1.7
Manchester-Nashua, NH	23,398	24,608	5.2	20,766	21,542	3.7	112.7	114.2	1.3
Manhattan, KS	4,227	4,311	2.0	4,428	4,481	1.2	95.4	96.2	0.8
Mankato-North Mankato, MN	4,325	4,519	4.5	4,634	4,751	2.5	93.3	95.1	1.9
Mansfield, OH	4,419	4,580	3.6	4,968	5,057	1.8	88.9	90.6	1.9
McAllen-Edinburg-Mission, TX	21,542	22,047	2.3	24,626	24,922	1.2	87.5	88.5	1.1
Medford, OR	9,216	9,647	4.7	9,148	9,466	3.5	100.7	101.9	1.2
Memphis, TN-MS-AR	58,777	60,614	3.1	62,259	63,169	1.5	94.4	96.0	1.7
Merced, CA	9,913	10,557	6.5	10,204	10,683	4.7	97.2	98.8	1.6
Miami-Fort Lauderdale-West Palm Beach, FL	315,177	330,929	5.0	280,874	289,686	3.1	112.2	114.2	1.8
Michigan City-La Porte, IN	4,284	4,429	3.4	4,827	5,024	4.1	88.7	88.2	-0.6
Midland, MI	3,929	4,581	16.6	4,162	4,777	14.8	94.4	95.9	1.6
Midland, TX	12,776	12,642	-1.0	12,208	11,970	-1.9	104.6	105.6	1.0
Milwaukee-Waukesha-West Allis, WI	82,373	85,032	3.2	82,991	84,521	1.8	99.3	100.6	1.3
Minneapolis-St. Paul-Bloomington, MN-WI	205,435	215,086	4.7	194,173	199,737	2.9	105.8	107.7	1.8
Missoula, MT	5,225	5,500	5.3	5,257	5,460	3.9	99.4	100.7	1.3
Mobile, AL	14,991	15,353	2.4	16,542	16,792	1.5	90.6	91.4	0.9
Modesto, CA	22,361	23,446	4.9	22,138	22,688	2.5	101.0	103.3	2.3
Monroe, LA	6,862	7,021	2.3	7,835	7,826	-0.1	87.6	89.7	2.4
Monroe, MI	6,524	6,789	4.0	6,702	6,945	3.6	97.4	97.7	0.3
Montgomery, AL	15,185	15,724	3.5	16,446	16,758	1.9	92.3	93.8	1.6
Morgantown, WV	5,414	5,652	4.4	5,709	5,915	3.6	94.8	95.5	0.7
Morristown, TN	4,029	4,164	3.3	4,872	4,920	1.0	82.7	84.6	2.3
Mount Vernon-Anacortes, WA	5,865	6,219	6.0	5,776	5,986	3.6	101.5	103.9	2.4
Muncie, IN	3,984	4,119	3.4	4,453	4,547	2.1	89.5	90.6	1.2
Muskegon, MI	6,263	6,453	3.0	6,971	7,032	0.9	89.8	91.8	2.2
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	16,256	17,217	5.9	17,207	17,791	3.4	94.5	96.8	2.4
Napa, CA	9,558	10,034	5.0	7,458	7,705	3.3	128.2	130.2	1.6
Naples-Immokalee-Marco Island, FL	31,384	32,750	4.4	29,948	30,572	2.1	104.8	107.1	2.2
Nashville-Davidson--Murfreesboro--Franklin, TN	100,137	106,464	6.3	102,300	106,083	3.7	97.9	100.4	2.6
New Bern, NC	5,147	5,235	1.7	5,809	5,950	2.4	88.6	88.0	-0.7
New Haven-Milford, CT	45,107	46,931	4.0	39,267	40,223	2.4	114.9	116.7	1.6
New Orleans-Metairie, LA	60,983	62,683	2.8	61,743	62,528	1.3	98.8	100.2	1.4
New York-Newark-Jersey City, NY-NJ-PA	1,362,990	1,443,163	5.9	1,074,775	1,120,538	4.3	126.8	128.8	1.6
Niles-Benton Harbor, MI	6,783	7,116	4.9	7,418	7,648	3.1	91.4	93.0	1.8
North Port-Sarasota-Bradenton, FL	41,439	43,476	4.9	40,329	41,309	2.4	102.8	105.2	2.3
Norwich-New London, CT	14,725	15,261	3.6	14,013	14,230	1.6	105.1	107.2	2.0
Ocala, FL	12,162	12,709	4.5	12,999	13,332	2.6	93.6	95.3	1.8
Ocean City, NJ	5,248	5,456	4.0	4,784	4,957	3.6	109.7	110.1	0.4
Odessa, TX	5,977	6,417	7.4	5,950	6,360	6.9	100.4	100.9	0.5
Ogden-Clearfield, UT	26,331	27,728	5.3	26,816	27,840	3.8	98.2	99.6	1.4
Oklahoma City, OK	61,348	65,170	6.2	64,572	67,659	4.8	95.0	96.3	1.4
Olympia-Tumwater, WA	12,869	13,705	6.5	11,577	12,145	4.9	111.2	112.8	1.4
Omaha-Council Bluffs, NE-IA	49,183	50,973	3.6	51,266	52,305	2.0	95.9	97.5	1.7
Orlando-Kissimmee-Sanford, FL	98,348	104,107	5.9	96,807	100,501	3.8	101.6	103.6	2.0

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2016-2017

	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
Oshkosh-Neenah, WI	7,559	7,814	3.4	8,075	8,220	1.8	93.6	95.1	1.6
Owensboro, KY	4,543	4,663	2.7	5,029	5,028	0.0	90.3	92.8	2.8
Oxnard-Thousand Oaks-Ventura, CA	48,381	50,551	4.5	39,999	40,965	2.4	121.0	123.4	2.0
Palm Bay-Melbourne-Titusville, FL	24,298	25,683	5.7	24,516	25,419	3.7	99.1	101.0	1.9
Panama City, FL	8,082	8,341	3.2	8,312	8,428	1.4	97.2	99.0	1.9
Parkersburg-Vienna, WV	3,449	3,514	1.9	3,837	3,794	-1.1	89.9	92.6	3.0
Pensacola-Ferry Pass-Brent, FL	19,511	20,286	4.0	20,377	20,859	2.4	95.7	97.3	1.7
Peoria, IL	17,527	17,495	-0.2	18,822	18,575	-1.3	93.1	94.2	1.2
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	362,699	377,223	4.0	331,312	339,646	2.5	109.5	111.1	1.5
Phoenix-Mesa-Scottsdale, AZ	197,441	208,896	5.8	195,631	203,064	3.8	100.9	102.9	2.0
Pine Bluff, AR	2,976	2,996	0.7	3,450	3,437	-0.4	86.3	87.2	1.0
Pittsburgh, PA	120,908	125,648	3.9	124,548	126,817	1.8	97.1	99.1	2.1
Pittsfield, MA	6,659	6,833	2.6	6,652	6,641	-0.2	100.1	102.9	2.8
Pocatello, ID	3,008	3,154	4.8	3,258	3,380	3.7	92.3	93.3	1.1
Portland-South Portland, ME	27,698	29,053	4.9	26,189	26,955	2.9	105.8	107.8	1.9
Portland-Vancouver-Hillsboro, OR-WA	124,974	131,861	5.5	119,205	123,046	3.2	104.8	107.2	2.3
Port St. Lucie, FL	23,614	24,826	5.1	23,554	24,282	3.1	100.3	102.2	1.9
Prescott, AZ	8,138	8,533	4.9	8,211	8,431	2.7	99.1	101.2	2.1
Providence-Warwick, RI-MA	81,364	84,737	4.1	78,480	80,668	2.8	103.7	105.0	1.3
Provo-Orem, UT	22,388	23,518	5.0	22,404	23,031	2.8	99.9	102.1	2.2
Pueblo, CO	5,975	6,198	3.7	6,327	6,451	2.0	94.4	96.1	1.8
Punta Gorda, FL	7,047	7,383	4.8	7,179	7,334	2.2	98.2	100.7	2.5
Racine, WI	8,783	9,100	3.6	9,074	9,261	2.1	96.8	98.3	1.5
Raleigh, NC	66,503	70,016	5.3	66,902	69,080	3.3	99.4	101.4	2.0
Rapid City, SD	6,704	6,914	3.1	7,179	7,284	1.5	93.4	94.9	1.6
Reading, PA	18,973	19,765	4.2	18,940	19,449	2.7	100.2	101.6	1.4
Redding, CA	7,745	8,041	3.8	7,696	7,913	2.8	100.6	101.6	1.0
Reno, NV	23,742	25,766	8.5	23,288	24,763	6.3	101.9	104.1	2.2
Richmond, VA	67,388	70,660	4.9	67,613	69,790	3.2	99.7	101.2	1.5
Riverside-San Bernardino-Ontario, CA	170,446	178,883	4.9	153,686	158,372	3.0	110.9	113.0	1.9
Roanoke, VA	13,761	14,113	2.6	14,679	14,861	1.2	93.7	95.0	1.4
Rochester, MN	10,702	11,101	3.7	11,086	11,296	1.9	96.5	98.3	1.9
Rochester, NY	50,650	52,968	4.6	49,674	51,206	3.1	102.0	103.4	1.4
Rockford, IL	13,833	14,273	3.2	14,988	15,314	2.2	92.3	93.2	1.0
Rocky Mount, NC	5,403	5,569	3.1	6,209	6,255	0.8	87.0	89.0	2.3
Rome, GA	3,493	3,632	4.0	4,142	4,259	2.8	84.3	85.3	1.2
Sacramento--Roseville--Arden-Arcade, CA	119,990	125,039	4.2	113,895	116,316	2.1	105.4	107.5	2.0
Saginaw, MI	7,056	7,311	3.6	7,731	7,907	2.3	91.3	92.5	1.3
St. Cloud, MN	8,367	8,680	3.7	8,864	9,056	2.2	94.4	95.9	1.6
St. George, UT	5,505	5,825	5.8	5,612	5,817	3.7	98.1	100.1	2.0
St. Joseph, MO-KS	4,602	4,741	3.0	5,163	5,238	1.5	89.1	90.5	1.6
St. Louis, MO-IL	142,142	147,100	3.5	150,115	152,766	1.8	94.7	96.3	1.7
Salem, OR	16,461	17,369	5.5	16,663	17,127	2.8	98.8	101.4	2.6
Salinas, CA	22,829	23,820	4.3	20,456	20,833	1.8	111.6	114.3	2.4
Salisbury, MD-DE	18,091	18,692	3.3	19,533	20,047	2.6	92.6	93.2	0.6
Salt Lake City, UT	55,960	58,525	4.6	54,531	56,039	2.8	102.6	104.4	1.8
San Angelo, TX	5,032	5,122	1.8	5,170	5,206	0.7	97.3	98.4	1.1
San Antonio-New Braunfels, TX	106,197	110,855	4.4	108,565	111,426	2.6	97.8	99.5	1.7
San Diego-Carlsbad, CA	186,149	193,296	3.8	154,569	158,116	2.3	120.4	122.2	1.5
San Francisco-Oakland-Hayward, CA	406,160	432,360	6.5	309,760	320,721	3.5	131.1	134.8	2.8
San Jose-Sunnyvale-Santa Clara, CA	180,900	193,098	6.7	135,007	139,999	3.7	134.0	137.9	2.9
San Luis Obispo-Paso Robles-Arroyo Grande, CA	14,905	15,680	5.2	13,472	13,856	2.9	110.6	113.2	2.4
Santa Cruz-Watsonville, CA	16,766	17,665	5.4	12,789	13,143	2.8	131.1	134.4	2.5
Santa Fe, NM	8,037	8,264	2.8	7,800	7,948	1.9	103.0	104.0	1.0
Santa Maria-Santa Barbara, CA	25,454	26,647	4.7	22,508	23,080	2.5	113.1	115.5	2.1
Santa Rosa, CA	28,852	30,397	5.4	22,716	23,366	2.9	127.0	130.1	2.4
Savannah, GA	16,547	17,131	3.5	17,044	17,317	1.6	97.1	98.9	1.9
Scranton--Wilkes-Barre--Hazleton, PA	23,683	24,416	3.1	24,664	25,045	1.5	96.0	97.5	1.6
Seattle-Tacoma-Bellevue, WA	250,948	267,653	6.7	218,007	227,278	4.3	115.1	117.8	2.3
Sebastian-Vero Beach, FL	10,775	11,312	5.0	11,352	11,703	3.1	94.9	96.7	1.9
Sebring, FL	3,324	3,441	3.5	3,871	3,925	1.4	85.9	87.7	2.1
Sheboygan, WI	5,511	5,776	4.8	5,943	6,108	2.8	92.7	94.6	2.0
Sherman-Denison, TX	5,177	5,409	4.5	5,422	5,588	3.1	95.5	96.8	1.4
Shreveport-Bossier City, LA	18,827	18,811	-0.1	20,232	20,131	-0.5	93.1	93.4	0.3
Sierra Vista-Douglas, AZ	4,729	4,902	3.7	5,088	5,230	2.8	92.9	93.7	0.9
Sioux City, IA-NE-SD	8,170	8,087	-1.0	8,909	8,676	-2.6	91.7	93.2	1.6

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	Personal income [Millions of dollars]			Real personal income [Millions of chained (2012) dollars]			Implicit regional price deflators		
	2016	2017	Percent change	2016	2017	Percent change	2016	2017	Percent change
Sioux Falls, SD	14,233	14,495	1.8	15,007	15,016	0.1	94.8	96.5	1.8
South Bend-Mishawaka, IN-MI	13,899	14,701	5.8	15,235	15,883	4.3	91.2	92.6	1.5
Spartanburg, SC	13,108	13,676	4.3	14,399	14,682	2.0	91.0	93.1	2.3
Spokane-Spokane Valley, WA	23,268	24,453	5.1	23,648	24,475	3.5	98.4	99.9	1.5
Springfield, IL	9,450	9,635	1.9	10,122	10,175	0.5	93.4	94.7	1.4
Springfield, MA	30,502	31,357	2.8	30,088	30,608	1.7	101.4	102.4	1.0
Springfield, MO	17,330	18,018	4.0	19,197	19,649	2.4	90.3	91.7	1.6
Springfield, OH	5,123	5,287	3.2	5,670	5,789	2.1	90.3	91.3	1.1
State College, PA	6,843	7,182	4.9	6,400	6,632	3.6	106.9	108.3	1.3
Staunton-Waynesboro, VA	4,957	5,177	4.4	5,630	5,794	2.9	88.1	89.4	1.5
Stockton-Lodi, CA	30,103	31,920	6.0	29,261	30,465	4.1	102.9	104.8	1.8
Sumter, SC	3,828	3,941	3.0	4,291	4,340	1.2	89.2	90.8	1.8
Syracuse, NY	29,761	30,973	4.1	29,596	30,264	2.3	100.6	102.3	1.7
Tallahassee, FL	14,999	15,685	4.6	15,545	15,960	2.7	96.5	98.3	1.9
Tampa-St. Petersburg-Clearwater, FL	133,670	139,319	4.2	130,659	133,723	2.3	102.3	104.2	1.9
Terre Haute, IN	6,024	6,249	3.7	6,727	6,863	2.0	89.5	91.1	1.8
Texarkana, TX-AR	5,372	5,508	2.5	5,907	5,993	1.5	90.9	91.9	1.1
The Villages, FL	5,177	5,440	5.1	5,371	5,557	3.5	96.4	97.9	1.6
Toledo, OH	26,417	27,065	2.5	29,025	29,302	1.0	91.0	92.4	1.5
Topeka, KS	10,024	10,271	2.5	10,938	10,999	0.6	91.6	93.4	2.0
Trenton, NJ	23,717	24,861	4.8	20,512	21,151	3.1	115.6	117.5	1.6
Tucson, AZ	40,388	42,585	5.4	40,836	42,528	4.1	98.9	100.1	1.2
Tulsa, OK	47,651	51,359	7.8	50,704	53,900	6.3	94.0	95.3	1.4
Tuscaloosa, AL	8,605	8,949	4.0	9,388	9,621	2.5	91.7	93.0	1.4
Twin Falls, ID	3,948	4,164	5.5	4,205	4,344	3.3	93.9	95.9	2.1
Tyler, TX	10,536	10,749	2.0	10,840	10,857	0.2	97.2	99.0	1.9
Urban Honolulu, HI	54,329	56,084	3.2	41,991	42,682	1.6	129.4	131.4	1.5
Utica-Rome, NY	11,856	12,503	5.5	12,192	12,699	4.2	97.2	98.5	1.3
Valdosta, GA	4,863	5,052	3.9	5,801	5,899	1.7	83.8	85.6	2.1
Vallejo-Fairfield, CA	20,560	21,879	6.4	16,664	17,303	3.8	123.4	126.4	2.4
Victoria, TX	4,194	4,221	0.6	4,297	4,277	-0.5	97.6	98.7	1.1
Vineland-Bridgeton, NJ	5,758	5,933	3.0	5,567	5,701	2.4	103.4	104.1	0.7
Virginia Beach-Norfolk-Newport News, VA-NC	80,901	83,678	3.4	79,662	81,421	2.2	101.6	102.8	1.2
Visalia-Porterville, CA	17,579	18,467	5.1	18,027	18,662	3.5	97.5	99.0	1.5
Waco, TX	10,116	10,550	4.3	10,647	10,971	3.0	95.0	96.2	1.3
Walla Walla, WA	2,708	2,789	3.0	2,760	2,775	0.5	98.1	100.5	2.4
Warner Robins, GA	7,351	7,662	4.2	8,020	8,238	2.7	91.7	93.0	1.4
Washington-Arlington-Alexandria, DC-VA-MD-WV	414,919	432,558	4.3	337,754	346,812	2.7	122.8	124.7	1.5
Waterloo-Cedar Falls, IA	7,167	7,382	3.0	7,674	7,781	1.4	93.4	94.9	1.6
Watertown-Fort Drum, NY	4,937	5,146	4.2	4,812	4,934	2.5	102.6	104.3	1.7
Wausau, WI	6,246	6,463	3.5	6,678	6,795	1.8	93.5	95.1	1.7
Weirton-Steubenville, WV-OH	4,358	4,507	3.4	5,019	5,097	1.5	86.8	88.4	1.8
Wenatchee, WA	5,327	5,574	4.6	5,401	5,490	1.6	98.6	101.5	2.9
Wheeling, WV-OH	5,907	6,486	9.8	6,634	7,205	8.6	89.0	90.0	1.1
Wichita, KS	30,103	30,801	2.3	32,520	32,737	0.7	92.6	94.1	1.6
Wichita Falls, TX	6,102	6,143	0.7	6,566	6,551	-0.2	92.9	93.8	1.0
Williamsport, PA	4,588	4,707	2.6	4,749	4,816	1.4	96.6	97.7	1.1
Wilmington, NC	11,659	12,222	4.8	12,044	12,499	3.8	96.8	97.8	1.0
Winchester, VA-WV	6,059	6,348	4.8	6,355	6,541	2.9	95.3	97.0	1.8
Winston-Salem, NC	27,525	28,851	4.8	29,823	30,873	3.5	92.3	93.5	1.3
Worcester, MA-CT	48,402	50,647	4.6	44,976	46,420	3.2	107.6	109.1	1.4
Yakima, WA	9,965	10,341	3.8	10,319	10,584	2.6	96.6	97.7	1.1
York-Hanover, PA	20,322	21,156	4.1	20,235	20,782	2.7	100.4	101.8	1.4
Youngstown-Warren-Boardman, OH-PA	21,517	22,029	2.4	23,869	24,159	1.2	90.1	91.2	1.2
Yuba City, CA	6,947	7,238	4.2	6,927	7,114	2.7	100.3	101.7	1.4
Yuma, AZ	6,833	7,212	5.5	7,233	7,566	4.6	94.5	95.3	0.8
Maximum	1,362,990	1,443,163	16.6	1,074,775	1,120,538	14.8	134.0	137.9	3.7
Minimum	2,455	2,607	-4.0	2,476	2,650	-5.9	81.4	79.4	-2.5
Range	1,360,535	1,440,556	20.6	1,072,298	1,117,888	20.7	52.6	58.5	6.2

Source: U.S. Bureau of Economic Analysis

Note: Estimates may not add to totals because of rounding.

1. The implicit price deflator for the United States is equal to the national personal consumption expenditures price index, with a base of 2012.

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
United States	49,831	51,640	3.6	47,807	48,684	1.8
United States nonmetropolitan portion	38,407	39,591	3.1	42,287	42,951	1.6
Metropolitan Statistical Areas						
Abilene, TX	40,558	41,326	1.9	42,795	43,016	0.5
Akron, OH	45,704	47,511	4.0	48,877	49,901	2.1
Albany, GA	35,629	36,805	3.3	41,368	42,254	2.1
Albany, OR	39,061	40,380	3.4	39,809	40,530	1.8
Albany-Schenectady-Troy, NY	53,638	55,848	4.1	51,325	52,718	2.7
Albuquerque, NM	40,287	40,856	1.4	40,516	40,518	0.0
Alexandria, LA	41,465	42,613	2.8	45,570	46,100	1.2
Allentown-Bethlehem-Easton, PA-NJ	49,604	51,474	3.8	47,311	48,569	2.7
Altoona, PA	42,475	43,793	3.1	45,023	45,632	1.4
Amarillo, TX	43,461	43,820	0.8	45,059	44,588	-1.0
Ames, IA	39,109	39,848	1.9	41,245	41,097	-0.4
Anchorage, AK	57,418	58,555	2.0	50,954	51,505	1.1
Ann Arbor, MI	54,322	56,348	3.7	51,566	52,569	1.9
Anniston-Oxford-Jacksonville, AL	34,869	36,255	4.0	40,054	40,592	1.3
Appleton, WI	47,636	48,921	2.7	50,469	51,314	1.7
Asheville, NC	41,779	43,235	3.5	43,511	44,316	1.9
Athens-Clarke County, GA	37,372	38,428	2.8	39,677	40,041	0.9
Atlanta-Sandy Springs-Roswell, GA	47,920	49,657	3.6	47,830	48,681	1.8
Atlantic City-Hammonton, NJ	44,771	46,557	4.0	41,840	43,329	3.6
Auburn-Opelika, AL	35,758	36,941	3.3	40,760	41,571	2.0
Augusta-Richmond County, GA-SC	38,956	40,302	3.5	42,562	43,157	1.4
Austin-Round Rock, TX	52,926	54,817	3.6	51,028	51,754	1.4
Bakersfield, CA	37,844	38,560	1.9	37,905	38,108	0.5
Baltimore-Columbia-Towson, MD	57,754	59,797	3.5	51,912	52,930	2.0
Bangor, ME	38,632	39,885	3.2	38,774	39,313	1.4
Barnstable Town, MA	67,512	70,430	4.3	62,518	63,845	2.1
Baton Rouge, LA	44,495	45,775	2.9	46,169	46,935	1.7
Battle Creek, MI	37,947	38,683	1.9	40,787	41,260	1.2
Bay City, MI	39,382	41,024	4.2	44,026	45,333	3.0
Beaumont-Port Arthur, TX	41,695	42,480	1.9	44,759	45,014	0.6
Beckley, WV	34,123	35,948	5.3	41,937	45,288	8.0
Bellingham, WA	44,681	46,028	3.0	43,539	44,230	1.6
Bend-Redmond, OR	49,881	50,955	2.2	48,594	48,280	-0.6
Billings, MT	47,836	49,760	4.0	47,503	48,567	2.2
Binghamton, NY	40,934	43,047	5.2	41,044	42,423	3.4
Birmingham-Hoover, AL	46,128	48,105	4.3	50,035	51,426	2.8
Bismarck, ND	54,388	54,606	0.4	56,419	55,754	-1.2
Blacksburg-Christiansburg-Radford, VA	35,350	36,604	3.5	38,571	39,275	1.8
Bloomington, IL	46,910	47,350	0.9	48,710	48,722	0.0
Bloomington, IN	37,840	39,658	4.8	39,309	40,717	3.6
Bloomsburg-Berwick, PA	42,012	43,510	3.6	43,362	44,180	1.9
Boise City, ID	42,210	43,606	3.3	43,112	43,955	2.0
Boston-Cambridge-Newton, MA-NH	71,257	74,024	3.9	61,732	62,859	1.8
Boulder, CO	65,150	68,027	4.4	58,008	59,420	2.4
Bowling Green, KY	34,829	35,639	2.3	39,449	39,725	0.7
Bremerton-Silverdale, WA	50,230	52,508	4.5	45,374	46,494	2.5
Bridgeport-Stamford-Norwalk, CT	106,646	110,104	3.2	86,191	87,781	1.8
Brownsville-Harlingen, TX	27,406	27,741	1.2	31,563	31,516	-0.1
Brunswick, GA	37,614	38,477	2.3	42,397	42,357	-0.1
Buffalo-Cheektowaga-Niagara Falls, NY	46,192	48,314	4.6	47,043	48,310	2.7
Burlington, NC	37,625	38,839	3.2	40,591	41,364	1.9
Burlington-South Burlington, VT	54,204	55,785	2.9	49,826	50,434	1.2
California-Lexington Park, MD	53,319	54,921	3.0	51,270	52,763	2.9
Canton-Massillon, OH	41,357	42,860	3.6	45,502	46,589	2.4
Cape Coral-Fort Myers, FL	48,215	49,764	3.2	48,480	48,830	0.7
Cape Girardeau, MO-IL	39,741	41,333	4.0	46,418	47,596	2.5
Carbondale-Marion, IL	38,198	39,468	3.3	44,108	45,755	3.7
Carson City, NV	45,219	48,997	8.4	45,620	48,408	6.1
Casper, WY	64,858	67,023	3.3	64,397	66,067	2.6
Cedar Rapids, IA	48,762	49,746	2.0	53,132	52,974	-0.3
Chambersburg-Waynesboro, PA	42,499	43,866	3.2	43,342	43,913	1.3
Champaign-Urbana, IL	44,167	44,365	0.4	45,905	45,240	-1.4
Charleston, WV	42,035	43,457	3.4	46,518	47,881	2.9

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
Charleston-North Charleston, SC	46,256	47,800	3.3	46,365	47,183	1.8
Charlotte-Concord-Gastonia, NC-SC	47,954	49,758	3.8	49,460	50,340	1.8
Charlottesville, VA	56,399	58,767	4.2	55,543	56,786	2.2
Chattanooga, TN-GA	43,003	44,528	3.5	46,430	47,296	1.9
Cheyenne, WY	48,718	50,563	3.8	48,442	49,558	2.3
Chicago-Naperville-Elgin, IL-IN-WI	56,296	58,315	3.6	52,464	53,556	2.1
Chico, CA	41,931	43,287	3.2	41,031	41,624	1.4
Cincinnati, OH-KY-IN	49,846	51,536	3.4	53,494	54,367	1.6
Clarksville, TN-KY	38,584	39,661	2.8	41,153	41,749	1.4
Cleveland, TN	36,881	38,016	3.1	42,637	43,419	1.8
Cleveland-Elyria, OH	49,760	51,755	4.0	53,121	54,463	2.5
Coeur d'Alene, ID	41,125	42,224	2.7	42,192	42,417	0.5
College Station-Bryan, TX	36,553	37,704	3.1	37,780	38,347	1.5
Colorado Springs, CO	45,066	46,529	3.2	43,823	44,366	1.2
Columbia, MO	43,816	44,797	2.2	46,690	47,067	0.8
Columbia, SC	41,960	43,168	2.9	44,103	44,677	1.3
Columbus, GA-AL	38,586	40,247	4.3	41,682	42,914	3.0
Columbus, IN	46,181	47,804	3.5	50,278	51,450	2.3
Columbus, OH	48,197	49,644	3.0	50,442	51,055	1.2
Corpus Christi, TX	40,975	42,184	3.0	42,294	42,691	0.9
Corvallis, OR	43,658	45,273	3.7	41,978	42,737	1.8
Crestview-Fort Walton Beach-Destin, FL	48,316	49,611	2.7	49,180	49,940	1.5
Cumberland, MD-WV	37,569	38,803	3.3	41,086	42,496	3.4
Dallas-Fort Worth-Arlington, TX	51,837	52,995	2.2	50,147	50,202	0.1
Dalton, GA	33,943	35,118	3.5	39,194	40,044	2.2
Danville, IL	36,577	37,387	2.2	44,016	44,954	2.1
Daphne-Fairhope-Foley, AL	43,004	44,079	2.5	45,512	46,101	1.3
Davenport-Moline-Rock Island, IA-IL	45,810	47,564	3.8	49,514	50,648	2.3
Dayton, OH	44,006	45,708	3.9	47,575	48,769	2.5
Decatur, AL	35,872	37,396	4.2	41,041	42,667	4.0
Decatur, IL	45,230	45,701	1.0	51,145	50,811	-0.7
Deltona-Daytona Beach-Ormond Beach, FL	39,882	41,132	3.1	40,333	40,983	1.6
Denver-Aurora-Lakewood, CO	56,712	59,660	5.2	51,900	53,293	2.7
Des Moines-West Des Moines, IA	51,225	52,300	2.1	52,813	53,115	0.6
Detroit-Warren-Dearborn, MI	49,179	50,863	3.4	49,525	50,404	1.8
Dothan, AL	38,058	39,478	3.7	43,692	44,706	2.3
Dover, DE	38,941	40,304	3.5	39,781	41,011	3.1
Dubuque, IA	44,956	45,990	2.3	47,842	48,361	1.1
Duluth, MN-WI	42,030	43,492	3.5	45,326	46,213	2.0
Durham-Chapel Hill, NC	50,620	52,277	3.3	51,291	52,103	1.6
East Stroudsburg, PA	39,385	40,706	3.4	38,972	39,861	2.3
Eau Claire, WI	43,025	44,746	4.0	45,937	47,120	2.6
El Centro, CA	35,118	36,206	3.1	37,833	38,454	1.6
Elizabethtown-Fort Knox, KY	39,588	40,805	3.1	44,815	45,601	1.8
Elkhart-Goshen, IN	41,818	44,143	5.6	45,079	46,887	4.0
Elmira, NY	40,520	42,577	5.1	40,905	42,220	3.2
El Paso, TX	33,712	34,575	2.6	36,688	36,825	0.4
Enid, OK	43,813	42,622	-2.7	46,772	44,600	-4.6
Erie, PA	41,151	41,887	1.8	42,674	42,902	0.5
Eugene, OR	42,233	43,430	2.8	41,821	42,162	0.8
Evansville, IN-KY	43,533	45,256	4.0	47,455	48,377	1.9
Fairbanks, AK	52,843	54,497	3.1	47,735	48,392	1.4
Fargo, ND-MN	50,693	50,725	0.1	53,348	52,534	-1.5
Farmington, NM	33,053	33,751	2.1	35,024	35,253	0.7
Fayetteville, NC	35,073	36,369	3.7	37,648	38,688	2.8
Fayetteville-Springdale-Rogers, AR-MO	57,724	59,425	2.9	62,194	63,068	1.4
Flagstaff, AZ	44,289	46,266	4.5	43,593	44,415	1.9
Flint, MI	38,464	39,636	3.0	41,036	41,693	1.6
Florence, SC	37,431	38,892	3.9	42,286	42,864	1.4
Florence-Muscle Shoals, AL	35,797	36,876	3.0	41,092	41,775	1.7
Fond du Lac, WI	44,179	45,753	3.6	48,963	50,298	2.7
Fort Collins, CO	48,289	50,539	4.7	45,852	46,918	2.3
Fort Smith, AR-OK	34,909	35,968	3.0	39,791	40,651	2.2
Fort Wayne, IN	42,641	44,124	3.5	46,233	47,009	1.7
Fresno, CA	40,214	41,470	3.1	40,436	41,119	1.7
Gadsden, AL	34,783	36,069	3.7	40,276	41,583	3.2

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
Gainesville, FL	40,329	41,718	3.4	41,232	42,046	2.0
Gainesville, GA	39,913	41,219	3.3	43,423	44,187	1.8
Gettysburg, PA	45,251	47,067	4.0	45,276	46,420	2.5
Glens Falls, NY	42,635	44,874	5.3	42,512	43,810	3.1
Goldsboro, NC	35,623	37,126	4.2	39,516	40,605	2.8
Grand Forks, ND-MN	47,053	48,176	2.4	49,168	50,163	2.0
Grand Island, NE	41,683	43,187	3.6	46,786	48,370	3.4
Grand Junction, CO	39,920	41,503	4.0	40,952	41,963	2.5
Grand Rapids-Wyoming, MI	47,329	48,661	2.8	49,273	49,807	1.1
Grants Pass, OR	37,687	38,896	3.2	38,896	39,884	2.5
Great Falls, MT	44,229	45,959	3.9	46,210	46,845	1.4
Greeley, CO	43,757	44,080	0.7	42,873	42,196	-1.6
Green Bay, WI	47,357	48,692	2.8	50,623	51,280	1.3
Greensboro-High Point, NC	40,760	42,356	3.9	43,756	44,841	2.5
Greenville, NC	38,535	39,900	3.5	42,211	43,088	2.1
Greenville-Anderson-Mauldin, SC	40,872	42,132	3.1	43,969	44,496	1.2
Gulfport-Biloxi-Pascagoula, MS	35,646	36,175	1.5	38,587	38,737	0.4
Hagerstown-Martinsburg, MD-WV	41,736	42,969	3.0	40,188	40,680	1.2
Hammond, LA	36,812	37,814	2.7	41,654	41,663	0.0
Hanford-Corcoran, CA	33,462	35,326	5.6	34,313	35,709	4.1
Harrisburg-Carlisle, PA	47,995	49,525	3.2	47,750	48,493	1.6
Harrisonburg, VA	36,545	38,045	4.1	39,784	40,747	2.4
Hartford-West Hartford-East Hartford, CT	59,862	61,353	2.5	56,709	57,204	0.9
Hattiesburg, MS	37,000	37,938	2.5	43,509	44,104	1.4
Hickory-Lenoir-Morganton, NC	36,598	38,379	4.9	40,656	42,002	3.3
Hilton Head Island-Bluffton-Beaufort, SC	48,371	49,459	2.2	49,354	49,531	0.4
Hinesville, GA	31,680	32,425	2.4	33,844	34,485	1.9
Homosassa Springs, FL	36,483	37,379	2.5	40,249	40,797	1.4
Hot Springs, AR	36,834	38,259	3.9	41,788	42,236	1.1
Houma-Thibodaux, LA	40,731	41,405	1.7	43,297	43,558	0.6
Houston-The Woodlands-Sugar Land, TX	51,245	52,765	3.0	48,804	49,250	0.9
Huntington-Ashland, WV-KY-OH	36,603	37,646	2.8	41,061	41,760	1.7
Huntsville, AL	46,215	47,729	3.3	49,837	50,394	1.1
Idaho Falls, ID	41,662	43,006	3.2	44,770	44,558	-0.5
Indianapolis-Carmel-Anderson, IN	50,776	52,457	3.3	53,313	54,137	1.5
Iowa City, IA	49,040	50,164	2.3	49,876	50,474	1.2
Ithaca, NY	40,490	42,373	4.7	36,516	37,599	3.0
Jackson, MI	37,268	38,069	2.1	40,501	40,763	0.6
Jackson, MS	42,373	43,145	1.8	45,364	45,389	0.1
Jackson, TN	38,463	39,681	3.2	45,254	45,837	1.3
Jacksonville, FL	45,933	47,647	3.7	46,263	47,417	2.5
Jacksonville, NC	45,967	44,972	-2.2	47,848	46,155	-3.5
Janesville-Beloit, WI	40,825	42,026	2.9	43,353	44,222	2.0
Jefferson City, MO	39,723	41,121	3.5	46,721	48,121	3.0
Johnson City, TN	37,868	39,168	3.4	41,556	42,589	2.5
Johnstown, PA	39,818	40,985	2.9	44,195	44,851	1.5
Jonesboro, AR	34,190	35,005	2.4	40,308	40,344	0.1
Joplin, MO	37,019	37,850	2.2	41,009	41,458	1.1
Kahului-Wailuku-Lahaina, HI	45,062	47,226	4.8	40,877	41,793	2.2
Kalamazoo-Portage, MI	43,667	44,733	2.4	46,612	46,941	0.7
Kankakee, IL	38,802	39,862	2.7	38,936	39,830	2.3
Kansas City, MO-KS	49,702	50,906	2.4	51,483	51,895	0.8
Kennewick-Richland, WA	41,843	42,414	1.4	41,750	41,698	-0.1
Killeen-Temple, TX	39,761	40,773	2.5	41,880	42,514	1.5
Kingsport-Bristol-Bristol, TN-VA	37,228	38,823	4.3	42,119	43,174	2.5
Kingston, NY	46,225	48,811	5.6	42,863	44,657	4.2
Knoxville, TN	42,547	43,903	3.2	46,293	46,911	1.3
Kokomo, IN	38,932	40,135	3.1	44,195	44,084	-0.3
La Crosse-Onalaska, WI-MN	46,224	47,428	2.6	48,356	48,998	1.3
Lafayette, LA	40,296	41,145	2.1	43,887	44,585	1.6
Lafayette-West Lafayette, IN	36,343	37,309	2.7	38,390	38,945	1.4
Lake Charles, LA	44,533	46,451	4.3	48,767	49,200	0.9
Lake Havasu City-Kingman, AZ	30,030	30,865	2.8	31,662	32,136	1.5
Lakeland-Winter Haven, FL	33,563	34,213	1.9	34,834	34,937	0.3
Lancaster, PA	47,325	49,207	4.0	45,766	46,791	2.2
Lansing-East Lansing, MI	39,314	40,148	2.1	41,194	41,366	0.4

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
Laredo, TX	29,747	30,008	0.9	32,210	32,207	0.0
Las Cruces, NM	34,553	35,362	2.3	36,685	37,427	2.0
Las Vegas-Henderson-Paradise, NV	43,005	44,217	2.8	42,599	43,050	1.1
Lawrence, KS	40,256	41,360	2.7	42,277	42,923	1.5
Lawton, OK	39,061	39,967	2.3	42,018	42,394	0.9
Lebanon, PA	44,007	45,645	3.7	44,261	45,233	2.2
Lewiston, ID-WA	41,787	43,332	3.7	44,398	45,195	1.8
Lewiston-Auburn, ME	38,372	39,873	3.9	39,145	39,876	1.9
Lexington-Fayette, KY	44,669	45,300	1.4	47,179	47,175	0.0
Lima, OH	39,159	40,925	4.5	43,725	45,370	3.8
Lincoln, NE	45,778	46,924	2.5	48,240	48,673	0.9
Little Rock-North Little Rock-Conway, AR	42,671	43,679	2.4	45,485	45,767	0.6
Logan, UT-ID	35,290	36,644	3.8	37,419	37,866	1.2
Longview, TX	39,681	40,229	1.4	42,100	41,879	-0.5
Longview, WA	41,688	42,888	2.9	42,650	43,434	1.8
Los Angeles-Long Beach-Anaheim, CA	58,261	60,087	3.1	48,056	48,727	1.4
Louisville/Jefferson County, KY-IN	45,966	47,294	2.9	48,706	49,398	1.4
Lubbock, TX	39,921	41,180	3.2	41,300	41,905	1.5
Lynchburg, VA	37,539	38,560	2.7	40,299	40,909	1.5
Macon-Bibb County, GA	38,252	39,460	3.2	42,779	43,210	1.0
Madera, CA	37,121	38,799	4.5	37,953	39,070	2.9
Madison, WI	54,574	56,289	3.1	54,412	55,212	1.5
Manchester-Nashua, NH	57,388	60,064	4.7	50,933	52,580	3.2
Manhattan, KS	43,066	43,958	2.1	45,122	45,685	1.2
Mankato-North Mankato, MN	43,295	44,767	3.4	46,385	47,070	1.5
Mansfield, OH	36,469	37,977	4.1	41,003	41,935	2.3
McAllen-Edinburg-Mission, TX	25,338	25,617	1.1	28,965	28,957	0.0
Medford, OR	42,926	44,360	3.3	42,609	43,526	2.2
Memphis, TN-MS-AR	43,694	44,958	2.9	46,283	46,852	1.2
Merced, CA	36,868	38,716	5.0	37,948	39,177	3.2
Miami-Fort Lauderdale-West Palm Beach, FL	51,606	53,732	4.1	45,989	47,036	2.3
Michigan City-La Porte, IN	38,873	40,253	3.6	43,802	45,664	4.3
Midland, MI	47,097	54,922	16.6	49,888	57,267	14.8
Midland, TX	75,523	74,072	-1.9	72,167	70,133	-2.8
Milwaukee-Waukesha-West Allis, WI	52,262	53,946	3.2	52,654	53,622	1.8
Minneapolis-St. Paul-Bloomington, MN-WI	57,751	59,736	3.4	54,585	55,473	1.6
Missoula, MT	45,082	46,829	3.9	45,358	46,491	2.5
Mobile, AL	36,136	37,089	2.6	39,874	40,566	1.7
Modesto, CA	41,305	42,793	3.6	40,894	41,409	1.3
Monroe, LA	38,218	39,347	3.0	43,637	43,855	0.5
Monroe, MI	43,723	45,363	3.8	44,911	46,408	3.3
Montgomery, AL	40,659	42,053	3.4	44,035	44,820	1.8
Morgantown, WV	39,094	40,745	4.2	41,224	42,643	3.4
Morristown, TN	34,475	35,263	2.3	41,686	41,667	0.0
Mount Vernon-Anacortes, WA	47,534	49,505	4.1	46,812	47,653	1.8
Muncie, IN	34,497	35,762	3.7	38,562	39,472	2.4
Muskegon, MI	36,179	37,149	2.7	40,271	40,486	0.5
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	36,303	37,092	2.2	38,427	38,330	-0.3
Napa, CA	67,480	71,174	5.5	52,649	54,655	3.8
Naples-Immokalee-Marco Island, FL	85,727	87,829	2.5	81,804	81,990	0.2
Nashville-Davidson--Murfreesboro--Franklin, TN	53,582	55,944	4.4	54,740	55,744	1.8
New Bern, NC	41,087	41,926	2.0	46,369	47,648	2.8
New Haven-Milford, CT	52,451	54,543	4.0	45,661	46,748	2.4
New Orleans-Metairie, LA	47,973	49,134	2.4	48,571	49,013	0.9
New York-Newark-Jersey City, NY-NJ-PA	67,225	71,019	5.6	53,009	55,142	4.0
Niles-Benton Harbor, MI	43,998	46,133	4.9	48,117	49,581	3.0
North Port-Sarasota-Bradenton, FL	52,558	54,028	2.8	51,150	51,335	0.4
Norwich-New London, CT	54,676	56,725	3.7	52,032	52,894	1.7
Ocala, FL	34,934	35,864	2.7	37,339	37,623	0.8
Ocean City, NJ	55,875	58,324	4.4	50,934	52,984	4.0
Odessa, TX	37,928	40,851	7.7	37,759	40,490	7.2
Ogden-Clearfield, UT	40,324	41,674	3.3	41,067	41,842	1.9
Oklahoma City, OK	44,699	47,097	5.4	47,048	48,896	3.9
Olympia-Tumwater, WA	46,979	48,845	4.0	42,265	43,285	2.4
Omaha-Council Bluffs, NE-IA	53,228	54,615	2.6	55,483	56,043	1.0
Orlando-Kissimmee-Sanford, FL	40,087	41,480	3.5	39,460	40,043	1.5

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
Oshkosh-Neenah, WI	44,583	45,852	2.8	47,625	48,234	1.3
Owensboro, KY	38,525	39,395	2.3	42,644	42,472	-0.4
Oxnard-Thousand Oaks-Ventura, CA	56,846	59,178	4.1	46,997	47,956	2.0
Palm Bay-Melbourne-Titusville, FL	42,045	43,592	3.7	42,423	43,144	1.7
Panama City, FL	40,595	41,763	2.9	41,749	42,197	1.1
Parkersburg-Vienna, WV	37,698	38,654	2.5	41,935	41,744	-0.5
Pensacola-Ferry Pass-Brent, FL	40,498	41,589	2.7	42,297	42,763	1.1
Peoria, IL	46,664	46,977	0.7	50,112	49,874	-0.5
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	59,682	61,879	3.7	54,518	55,715	2.2
Phoenix-Mesa-Scottsdale, AZ	42,474	44,096	3.8	42,085	42,865	1.9
Pine Bluff, AR	32,199	32,942	2.3	37,332	37,787	1.2
Pittsburgh, PA	51,636	53,849	4.3	53,191	54,349	2.2
Pittsfield, MA	52,493	54,095	3.1	52,437	52,573	0.3
Pocatello, ID	35,652	36,987	3.7	38,611	39,637	2.7
Portland-South Portland, ME	52,432	54,603	4.1	49,575	50,660	2.2
Portland-Vancouver-Hillsboro, OR-WA	51,576	53,751	4.2	49,195	50,158	2.0
Port St. Lucie, FL	50,831	52,438	3.2	50,702	51,290	1.2
Prescott, AZ	36,269	37,398	3.1	36,599	36,952	1.0
Providence-Warwick, RI-MA	50,353	52,271	3.8	48,568	49,760	2.5
Provo-Orem, UT	37,221	38,075	2.3	37,247	37,287	0.1
Pueblo, CO	36,250	37,231	2.7	38,387	38,752	1.0
Punta Gorda, FL	39,554	40,557	2.5	40,295	40,291	0.0
Racine, WI	45,037	46,412	3.1	46,529	47,231	1.5
Raleigh, NC	50,964	52,444	2.9	51,270	51,743	0.9
Rapid City, SD	46,273	47,082	1.7	49,549	49,604	0.1
Reading, PA	45,636	47,302	3.7	45,558	46,546	2.2
Redding, CA	43,324	44,691	3.2	43,050	43,981	2.2
Reno, NV	52,018	55,460	6.6	51,023	53,301	4.5
Richmond, VA	52,557	54,597	3.9	52,732	53,925	2.3
Riverside-San Bernardino-Ontario, CA	37,679	39,052	3.6	33,974	34,574	1.8
Roanoke, VA	43,949	44,928	2.2	46,884	47,310	0.9
Rochester, MN	49,525	50,856	2.7	51,301	51,749	0.9
Rochester, NY	46,970	49,138	4.6	46,065	47,503	3.1
Rockford, IL	40,728	42,192	3.6	44,128	45,268	2.6
Rocky Mount, NC	36,681	37,949	3.5	42,151	42,630	1.1
Rome, GA	36,156	37,204	2.9	42,868	43,636	1.8
Sacramento--Roseville--Arden-Arcade, CA	52,278	53,783	2.9	49,622	50,031	0.8
Saginaw, MI	36,696	38,090	3.8	40,204	41,198	2.5
St. Cloud, MN	42,680	43,894	2.8	45,216	45,791	1.3
St. George, UT	34,571	35,161	1.7	35,241	35,115	-0.4
St. Joseph, MO-KS	36,254	37,350	3.0	40,680	41,268	1.4
St. Louis, MO-IL	50,642	52,398	3.5	53,483	54,417	1.7
Salem, OR	39,456	40,869	3.6	39,939	40,300	0.9
Salinas, CA	52,316	54,395	4.0	46,879	47,574	1.5
Salisbury, MD-DE	45,225	46,056	1.8	48,831	49,394	1.2
Salt Lake City, UT	47,185	48,645	3.1	45,979	46,578	1.3
San Angelo, TX	42,159	42,847	1.6	43,312	43,554	0.6
San Antonio-New Braunfels, TX	43,771	44,808	2.4	44,747	45,039	0.7
San Diego-Carlsbad, CA	56,116	57,913	3.2	46,596	47,373	1.7
San Francisco-Oakland-Hayward, CA	86,434	91,459	5.8	65,919	67,844	2.9
San Jose-Sunnyvale-Santa Clara, CA	90,863	96,623	6.3	67,812	70,053	3.3
San Luis Obispo-Paso Robles-Arroyo Grande, CA	52,803	55,328	4.8	47,725	48,892	2.4
Santa Cruz-Watsonville, CA	60,924	64,028	5.1	46,474	47,639	2.5
Santa Fe, NM	54,324	55,553	2.3	52,724	53,434	1.3
Santa Maria-Santa Barbara, CA	57,034	59,460	4.3	50,434	51,501	2.1
Santa Rosa, CA	57,264	60,286	5.3	45,086	46,342	2.8
Savannah, GA	43,115	44,204	2.5	44,409	44,684	0.6
Scranton--Wilkes-Barre--Hazleton, PA	42,658	43,959	3.0	44,426	45,091	1.5
Seattle-Tacoma-Bellevue, WA	65,993	69,214	4.9	57,330	58,773	2.5
Sebastian-Vero Beach, FL	71,181	73,274	2.9	74,989	75,803	1.1
Sebring, FL	32,734	33,446	2.2	38,111	38,147	0.1
Sheboygan, WI	47,867	50,081	4.6	51,623	52,950	2.6
Sherman-Denison, TX	40,383	41,250	2.1	42,292	42,609	0.7
Shreveport-Bossier City, LA	42,556	42,662	0.2	45,733	45,656	-0.2
Sierra Vista-Douglas, AZ	37,722	39,294	4.2	40,585	41,923	3.3
Sioux City, IA-NE-SD	48,329	47,962	-0.8	52,698	51,455	-2.4

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2016-2017

	Per capita personal income [Dollars]			Real per capita personal income [Chained (2012) dollars]		
	2016	2017	Percent change	2016	2017	Percent change
Sioux Falls, SD	55,954	55,947	0.0	58,996	57,955	-1.8
South Bend-Mishawaka, IN-MI	43,323	45,681	5.4	47,486	49,354	3.9
Spartanburg, SC	39,871	40,898	2.6	43,799	43,906	0.2
Spokane-Spokane Valley, WA	41,940	43,338	3.3	42,626	43,378	1.8
Springfield, IL	45,003	46,165	2.6	48,204	48,753	1.1
Springfield, MA	48,365	49,643	2.6	47,708	48,458	1.6
Springfield, MO	37,848	38,968	3.0	41,924	42,497	1.4
Springfield, OH	38,053	39,289	3.2	42,118	43,021	2.1
State College, PA	42,220	44,152	4.6	39,484	40,770	3.3
Staunton-Waynesboro, VA	41,026	42,436	3.4	46,593	47,494	1.9
Stockton-Lodi, CA	40,996	42,822	4.5	39,849	40,870	2.6
Sumter, SC	35,676	36,887	3.4	39,996	40,623	1.6
Syracuse, NY	45,304	47,298	4.4	45,052	46,216	2.6
Tallahassee, FL	39,572	40,994	3.6	41,010	41,711	1.7
Tampa-St. Petersburg-Clearwater, FL	44,021	45,067	2.4	43,029	43,257	0.5
Terre Haute, IN	35,389	36,769	3.9	39,519	40,381	2.2
Texarkana, TX-AR	35,771	36,634	2.4	39,330	39,857	1.3
The Villages, FL	42,393	43,464	2.5	43,979	44,396	0.9
Toledo, OH	43,694	44,834	2.6	48,007	48,540	1.1
Topeka, KS	43,032	44,054	2.4	46,955	47,176	0.5
Trenton, NJ	63,471	66,343	4.5	54,894	56,443	2.8
Tucson, AZ	39,889	41,637	4.4	40,331	41,581	3.1
Tulsa, OK	48,256	51,841	7.4	51,347	54,406	6.0
Tuscaloosa, AL	35,638	36,858	3.4	38,882	39,627	1.9
Twin Falls, ID	36,973	38,288	3.6	39,374	39,944	1.4
Tyler, TX	46,765	47,200	0.9	48,114	47,677	-0.9
Urban Honolulu, HI	54,725	56,728	3.7	42,297	43,172	2.1
Utica-Rome, NY	40,361	42,588	5.5	41,504	43,257	4.2
Valdosta, GA	33,666	34,739	3.2	40,163	40,562	1.0
Vallejo-Fairfield, CA	46,693	49,116	5.2	37,844	38,843	2.6
Victoria, TX	41,984	42,363	0.9	43,009	42,922	-0.2
Vineland-Bridgeton, NJ	37,408	38,893	4.0	36,170	37,373	3.3
Virginia Beach-Norfolk-Newport News, VA-NC	46,960	48,502	3.3	46,241	47,194	2.1
Visalia-Porterville, CA	38,145	39,756	4.2	39,118	40,178	2.7
Waco, TX	38,199	39,263	2.8	40,206	40,830	1.6
Walla Walla, WA	42,327	43,157	2.0	43,137	42,954	-0.4
Warner Robins, GA	38,678	39,954	3.3	42,195	42,954	1.8
Washington-Arlington-Alexandria, DC-VA-MD-WV	67,459	69,581	3.1	54,913	55,788	1.6
Waterloo-Cedar Falls, IA	42,186	43,452	3.0	45,168	45,801	1.4
Watertown-Fort Drum, NY	43,275	45,069	4.1	42,179	43,212	2.4
Wausau, WI	46,201	47,617	3.1	49,393	50,064	1.4
Weirton-Steubenville, WV-OH	36,546	38,116	4.3	42,094	43,101	2.4
Wenatchee, WA	45,435	47,045	3.5	46,064	46,334	0.6
Wheeling, WV-OH	41,347	45,918	11.1	46,432	51,004	9.8
Wichita, KS	46,695	47,708	2.2	50,444	50,706	0.5
Wichita Falls, TX	40,592	40,617	0.1	43,676	43,316	-0.8
Williamsport, PA	39,996	41,346	3.4	41,397	42,304	2.2
Wilmington, NC	41,325	42,413	2.6	42,689	43,377	1.6
Winchester, VA-WV	44,683	46,036	3.0	46,869	47,440	1.2
Winston-Salem, NC	41,597	43,207	3.9	45,069	46,235	2.6
Worcester, MA-CT	51,671	53,738	4.0	48,014	49,253	2.6
Yakima, WA	39,968	41,331	3.4	41,386	42,305	2.2
York-Hanover, PA	45,790	47,427	3.6	45,594	46,589	2.2
Youngstown-Warren-Boardman, OH-PA	39,513	40,649	2.9	43,833	44,580	1.7
Yuba City, CA	40,567	41,673	2.7	40,453	40,961	1.3
Yuma, AZ	33,259	34,752	4.5	35,205	36,459	3.6
Maximum	106,646	110,104	16.6	86,191	87,781	14.8
Minimum	25,338	25,617	-2.7	28,965	28,957	-4.6
Range	81,308	84,487	19.3	57,226	58,824	19.4

Source: U.S. Bureau of Economic Analysis

Note: Per capita personal income uses Census Bureau midyear population estimates available as of March 2018.

Table 6. Regional Price Parities by Metropolitan Area, 2017

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
United States[1]	100.0	99.0	101.8	100.1
United States nonmetropolitan portion	87.5	94.2	63.3	93.7
Metropolitan Statistical Areas				
Abilene, TX	91.2	97.4	78.7	93.5
Akron, OH	90.4	95.8	77.4	91.8
Albany, GA	82.7	97.2	54.0	93.5
Albany, OR	94.6	100.1	87.4	93.4
Albany-Schenectady-Troy, NY	100.6	98.1	103.4	101.8
Albuquerque, NM	95.7	95.1	89.3	101.4
Alexandria, LA	87.7	97.6	66.1	93.5
Allentown-Bethlehem-Easton, PA-NJ	100.6	98.6	98.6	104.1
Altoona, PA	91.1	98.1	65.0	101.8
Amarillo, TX	93.3	97.9	84.8	93.5
Ames, IA	92.0	93.1	93.4	89.6
Anchorage, AK	107.9	102.0	139.7	98.5
Ann Arbor, MI	101.7	98.7	114.2	98.5
Anniston-Oxford-Jacksonville, AL	84.8	98.1	55.1	93.5
Appleton, WI	90.5	96.2	75.1	92.3
Asheville, NC	92.6	96.1	86.8	93.5
Athens-Clarke County, GA	91.1	97.8	78.3	93.5
Atlanta-Sandy Springs-Roswell, GA	96.8	98.4	94.8	96.4
Atlantic City-Hammonton, NJ	102.0	100.7	95.1	108.2
Auburn-Opelika, AL	84.4	91.5	70.0	93.0
Augusta-Richmond County, GA-SC	88.6	97.6	69.8	93.5
Austin-Round Rock, TX	100.5	98.1	119.4	93.5
Bakersfield, CA	96.0	95.0	90.6	101.5
Baltimore-Columbia-Towson, MD	107.2	103.1	114.7	105.7
Bangor, ME	96.3	98.1	86.4	101.8
Barnstable Town, MA	104.7	98.1	123.1	101.8
Baton Rouge, LA	92.6	96.9	84.5	93.5
Battle Creek, MI	89.0	96.2	71.5	92.3
Bay City, MI	85.9	96.2	60.1	92.3
Beaumont-Port Arthur, TX	89.6	97.7	70.1	93.5
Beckley, WV	75.3	91.5	48.5	93.0
Bellingham, WA	98.8	95.0	102.3	101.5
Bend-Redmond, OR	100.2	100.1	109.6	93.4
Billings, MT	97.3	95.4	95.3	101.1
Binghamton, NY	96.3	98.1	85.6	101.8
Birmingham-Hoover, AL	88.8	97.7	68.3	93.5
Bismarck, ND	93.0	96.0	87.3	92.2
Blacksburg-Christiansburg-Radford, VA	88.5	91.4	79.2	93.2
Bloomington, IL	92.3	95.8	84.5	92.1
Bloomington, IN	92.5	95.9	87.3	92.1
Bloomsburg-Berwick, PA	93.5	98.1	75.4	101.8
Boise City, ID	94.2	95.2	82.4	101.2
Boston-Cambridge-Newton, MA-NH	111.8	102.3	140.8	107.1
Boulder, CO	108.7	100.5	147.6	98.1
Bowling Green, KY	85.2	91.3	65.6	93.3
Bremerton-Silverdale, WA	107.2	107.3	112.9	103.9
Bridgeport-Stamford-Norwalk, CT	119.1	109.8	144.6	115.8
Brownsville-Harlingen, TX	83.6	98.1	56.7	93.5
Brunswick, GA	86.2	91.5	74.8	93.0
Buffalo-Cheektowaga-Niagara Falls, NY	94.9	98.1	78.8	101.8
Burlington, NC	89.1	98.1	70.3	93.5
Burlington-South Burlington, VT	105.0	98.1	125.5	101.8
California-Lexington Park, MD	98.8	91.5	115.4	93.0
Canton-Massillon, OH	87.3	96.2	63.3	92.3
Cape Coral-Fort Myers, FL	96.7	98.1	99.4	93.5
Cape Girardeau, MO-IL	82.4	93.1	63.8	89.6
Carbondale-Marion, IL	81.9	93.1	62.1	89.6
Carson City, NV	96.1	100.1	93.0	93.4
Casper, WY	96.3	95.0	91.1	101.5
Cedar Rapids, IA	89.1	95.8	71.4	92.0
Chambersburg-Waynesboro, PA	94.8	98.1	78.4	101.8
Champaign-Urbana, IL	93.1	95.9	89.5	92.1
Charleston, WV	86.2	97.6	59.0	93.5
Charleston-North Charleston, SC	96.2	98.1	96.9	93.5

Table 6. Regional Price Parities by Metropolitan Area, 2017

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
Charlotte-Concord-Gastonia, NC-SC	93.8	97.6	87.5	93.5
Charlottesville, VA	98.2	97.2	109.7	93.5
Chattanooga, TN-GA	89.4	97.8	70.8	93.5
Cheyenne, WY	96.8	95.0	93.7	101.5
Chicago-Naperville-Elgin, IL-IN-WI	103.4	99.3	113.9	102.3
Chico, CA	98.7	95.0	101.9	101.5
Cincinnati, OH-KY-IN	90.0	95.1	78.7	91.3
Clarksville, TN-KY	90.2	97.9	76.0	93.5
Cleveland, TN	83.1	91.5	65.6	93.0
Cleveland-Elyria, OH	90.2	95.8	77.2	91.8
Coeur d'Alene, ID	94.5	100.1	87.0	93.4
College Station-Bryan, TX	93.3	97.5	87.2	93.5
Colorado Springs, CO	99.6	95.2	106.0	101.2
Columbia, MO	90.3	96.2	76.7	92.3
Columbia, SC	91.7	97.6	80.1	93.5
Columbus, GA-AL	89.0	98.0	71.7	93.5
Columbus, IN	88.2	93.1	79.5	89.6
Columbus, OH	92.3	96.0	84.5	92.2
Corpus Christi, TX	93.8	97.9	87.6	93.5
Corvallis, OR	100.6	100.1	111.2	93.4
Crestview-Fort Walton Beach-Destin, FL	94.3	95.0	94.0	93.7
Cumberland, MD-WV	86.7	98.1	62.6	93.5
Dallas-Fort Worth-Arlington, TX	100.2	98.7	105.9	98.8
Dalton, GA	83.2	91.5	65.2	93.0
Danville, IL	78.9	93.1	55.0	89.6
Daphne-Fairhope-Foley, AL	90.8	98.1	80.1	93.5
Davenport-Moline-Rock Island, IA-IL	89.1	96.1	71.4	92.3
Dayton, OH	89.0	96.2	70.8	92.3
Decatur, AL	83.2	98.1	50.7	93.5
Decatur, IL	85.4	96.2	57.6	92.3
Deltona-Daytona Beach-Ormond Beach, FL	95.3	98.1	93.5	93.5
Denver-Aurora-Lakewood, CO	106.3	100.5	133.4	98.0
Des Moines-West Des Moines, IA	93.5	96.1	89.8	92.3
Detroit-Warren-Dearborn, MI	95.8	98.7	86.2	98.5
Dothan, AL	83.8	96.8	56.7	93.5
Dover, DE	93.3	98.1	85.7	93.5
Dubuque, IA	90.3	96.2	76.0	92.3
Duluth, MN-WI	89.3	95.9	74.9	92.1
Durham-Chapel Hill, NC	95.2	97.9	93.1	93.5
East Stroudsburg, PA	96.9	98.1	89.0	101.8
Eau Claire, WI	90.1	96.2	75.1	92.3
El Centro, CA	89.4	100.1	71.0	93.4
Elizabethtown-Fort Knox, KY	84.9	91.5	71.9	93.0
Elkhart-Goshen, IN	89.4	96.2	71.9	92.3
Elmira, NY	95.7	98.1	82.9	101.8
El Paso, TX	89.1	98.1	73.5	93.5
Enid, OK	90.7	98.1	74.2	93.5
Erie, PA	92.7	98.1	72.3	101.8
Eugene, OR	97.8	95.0	97.9	101.5
Evansville, IN-KY	88.8	96.2	68.9	92.3
Fairbanks, AK	106.9	100.1	146.8	93.4
Fargo, ND-MN	91.7	96.2	81.8	92.3
Farmington, NM	90.9	100.1	72.6	93.4
Fayetteville, NC	89.2	97.6	74.6	93.5
Fayetteville-Springdale-Rogers, AR-MO	89.4	97.9	70.0	93.4
Flagstaff, AZ	98.9	100.1	104.2	93.4
Flint, MI	90.2	98.7	66.0	98.5
Florence, SC	86.1	96.6	62.1	93.5
Florence-Muscle Shoals, AL	83.8	98.1	51.7	93.5
Fond du Lac, WI	86.3	93.1	73.0	89.6
Fort Collins, CO	102.3	95.0	120.6	101.5
Fort Smith, AR-OK	84.0	97.4	55.7	93.5
Fort Wayne, IN	89.1	96.2	70.0	92.3
Fresno, CA	95.7	95.0	89.2	101.5
Gadsden, AL	82.3	98.1	49.6	93.5
Gainesville, FL	94.2	97.9	89.7	93.5
Gainesville, GA	88.5	91.5	80.6	93.0

Table 6. Regional Price Parities by Metropolitan Area, 2017

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
Gettysburg, PA	96.2	98.1	85.0	101.8
Glens Falls, NY	97.2	98.1	88.9	101.8
Goldsboro, NC	86.8	98.1	62.9	93.5
Grand Forks, ND-MN	91.2	96.2	80.3	92.3
Grand Island, NE	84.8	93.2	64.1	89.8
Grand Junction, CO	93.9	100.1	85.6	93.4
Grand Rapids-Wyoming, MI	92.7	95.8	87.1	92.1
Grants Pass, OR	92.6	100.1	81.1	93.4
Great Falls, MT	93.1	95.0	78.3	101.5
Greeley, CO	99.2	100.5	98.7	98.1
Green Bay, WI	90.1	95.8	76.1	92.0
Greensboro-High Point, NC	89.7	97.7	72.0	93.5
Greenville, NC	87.9	98.1	67.4	93.5
Greenville-Anderson-Mauldin, SC	89.9	97.9	72.7	93.5
Gulfport-Biloxi-Pascagoula, MS	88.6	98.1	71.2	93.5
Hagerstown-Martinsburg, MD-WV	100.3	105.4	82.3	109.8
Hammond, LA	86.2	91.5	73.9	93.0
Hanford-Corcoran, CA	93.9	100.1	85.0	93.4
Harrisburg-Carlisle, PA	96.9	98.1	87.4	101.8
Harrisonburg, VA	88.6	91.5	81.5	93.0
Hartford-West Hartford-East Hartford, CT	101.8	98.3	108.5	102.1
Hattiesburg, MS	81.7	91.5	63.3	93.0
Hickory-Lenoir-Morganton, NC	86.7	98.1	60.9	93.5
Hilton Head Island-Bluffton-Beaufort, SC	94.8	91.5	100.6	93.0
Hinesville, GA	89.3	91.5	84.5	93.0
Homosassa Springs, FL	87.0	91.5	78.3	93.0
Hot Springs, AR	86.0	91.5	73.9	93.0
Houma-Thibodaux, LA	90.2	98.1	73.6	93.5
Houston-The Woodlands-Sugar Land, TX	101.7	95.3	104.3	107.7
Huntington-Ashland, WV-KY-OH	85.6	97.9	57.3	93.5
Huntsville, AL	89.9	98.1	69.8	93.5
Idaho Falls, ID	91.6	100.1	75.9	93.4
Indianapolis-Carmel-Anderson, IN	92.0	96.1	83.2	92.3
Iowa City, IA	94.3	95.9	95.0	92.1
Ithaca, NY	107.0	98.1	134.3	101.8
Jackson, MI	88.7	96.2	69.3	92.3
Jackson, MS	90.2	97.7	74.2	93.5
Jackson, TN	82.2	91.4	60.4	93.2
Jacksonville, FL	95.4	98.1	93.8	93.5
Jacksonville, NC	92.5	98.1	84.5	93.5
Janesville-Beloit, WI	90.2	96.2	75.5	92.3
Jefferson City, MO	81.1	93.1	57.2	89.6
Johnson City, TN	87.3	98.1	64.1	93.5
Johnstown, PA	86.7	98.1	52.3	101.8
Jonesboro, AR	82.4	91.5	63.8	93.0
Joplin, MO	86.7	96.2	61.6	92.3
Kahului-Wailuku-Lahaina, HI	107.3	100.1	142.3	93.4
Kalamazoo-Portage, MI	90.5	96.2	76.8	92.3
Kankakee, IL	95.0	99.3	77.3	102.3
Kansas City, MO-KS	93.1	96.6	82.4	95.4
Kennewick-Richland, WA	96.6	95.0	92.1	101.5
Killeen-Temple, TX	91.0	97.9	78.5	93.5
Kingsport-Bristol-Bristol, TN-VA	85.4	98.1	57.3	93.5
Kingston, NY	103.8	98.1	118.3	101.8
Knoxville, TN	88.8	97.4	69.1	93.5
Kokomo, IN	86.4	96.2	61.3	92.3
La Crosse-Onalaska, WI-MN	91.9	96.2	82.7	92.3
Lafayette, LA	87.6	97.0	66.5	93.5
Lafayette-West Lafayette, IN	90.9	95.9	80.7	92.1
Lake Charles, LA	89.6	98.0	71.3	93.5
Lake Havasu City-Kingman, AZ	91.2	95.0	73.3	101.5
Lakeland-Winter Haven, FL	93.0	98.1	84.9	93.5
Lancaster, PA	99.8	98.1	99.9	101.8
Lansing-East Lansing, MI	92.1	96.2	83.7	92.3
Laredo, TX	88.4	98.1	70.3	93.5
Las Cruces, NM	89.7	95.0	68.5	101.5
Las Vegas-Henderson-Paradise, NV	97.5	95.0	96.8	101.5

Table 6. Regional Price Parities by Metropolitan Area, 2017

| | Regional price parities | | | |
| | All items | Goods | Services | |
			Rents	Other
Lawrence, KS	91.5	96.2	81.6	92.3
Lawton, OK	89.5	97.4	72.2	93.5
Lebanon, PA	95.8	98.1	82.7	101.8
Lewiston, ID-WA	91.0	100.1	73.7	93.4
Lewiston-Auburn, ME	94.9	98.1	80.7	101.8
Lexington-Fayette, KY	91.2	98.1	75.7	93.5
Lima, OH	85.6	96.2	58.4	92.3
Lincoln, NE	91.5	96.0	81.1	92.2
Little Rock-North Little Rock-Conway, AR	90.6	98.0	74.4	93.5
Logan, UT-ID	91.9	100.1	77.0	93.4
Longview, TX	91.2	97.0	78.9	93.5
Longview, WA	93.7	100.1	84.3	93.4
Los Angeles-Long Beach-Anaheim, CA	117.1	104.4	165.9	106.3
Louisville/Jefferson County, KY-IN	90.9	97.8	75.2	93.4
Lubbock, TX	93.3	97.8	85.5	93.5
Lynchburg, VA	89.5	97.9	71.4	93.5
Macon-Bibb County, GA	86.7	97.2	63.1	93.5
Madera, CA	94.3	95.0	84.0	101.5
Madison, WI	96.8	95.8	108.7	92.0
Manchester-Nashua, NH	108.4	101.9	123.0	106.7
Manhattan, KS	91.3	93.1	90.9	89.6
Mankato-North Mankato, MN	90.3	93.1	87.3	89.6
Mansfield, OH	86.0	96.2	59.5	92.3
McAllen-Edinburg-Mission, TX	84.0	98.1	57.4	93.5
Medford, OR	96.7	95.0	93.7	101.5
Memphis, TN-MS-AR	91.1	97.9	76.7	93.5
Merced, CA	93.8	95.0	81.9	101.5
Miami-Fort Lauderdale-West Palm Beach, FL	108.4	101.6	130.0	101.5
Michigan City-La Porte, IN	83.7	93.1	66.0	89.6
Midland, MI	91.0	96.2	78.0	92.3
Midland, TX	100.3	97.7	123.6	93.5
Milwaukee-Waukesha-West Allis, WI	95.5	96.0	94.0	95.7
Minneapolis-St. Paul-Bloomington, MN-WI	102.2	104.5	110.4	95.9
Missoula, MT	95.6	100.1	91.1	93.4
Mobile, AL	86.8	98.1	63.8	93.5
Modesto, CA	98.1	95.0	99.4	101.5
Monroe, LA	85.2	97.6	58.3	93.5
Monroe, MI	92.8	98.7	75.0	98.5
Montgomery, AL	89.1	98.1	69.9	93.5
Morgantown, WV	90.7	91.5	87.2	93.0
Morristown, TN	80.3	91.5	60.2	93.0
Mount Vernon-Anacortes, WA	98.6	100.1	103.0	93.4
Muncie, IN	86.0	96.2	62.9	92.3
Muskegon, MI	87.1	96.2	64.7	92.3
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	91.9	96.5	85.8	93.5
Napa, CA	123.6	112.2	159.5	113.5
Naples-Immokalee-Marco Island, FL	101.7	98.1	127.1	93.5
Nashville-Davidson--Murfreesboro--Franklin, TN	95.3	97.8	93.6	93.5
New Bern, NC	83.5	91.5	69.1	93.0
New Haven-Milford, CT	110.8	107.0	112.8	113.1
New Orleans-Metairie, LA	95.2	97.9	93.1	93.5
New York-Newark-Jersey City, NY-NJ-PA	122.3	109.4	153.1	117.7
Niles-Benton Harbor, MI	88.3	96.2	68.1	92.3
North Port-Sarasota-Bradenton, FL	99.9	98.1	113.5	93.5
Norwich-New London, CT	101.8	98.1	109.0	101.8
Ocala, FL	90.5	98.1	76.4	93.5
Ocean City, NJ	104.5	100.7	104.9	108.2
Odessa, TX	95.8	98.1	95.2	93.5
Ogden-Clearfield, UT	94.5	95.5	83.9	100.9
Oklahoma City, OK	91.4	97.9	77.4	93.5
Olympia-Tumwater, WA	107.1	107.3	112.2	103.9
Omaha-Council Bluffs, NE-IA	92.5	96.0	85.5	92.2
Orlando-Kissimmee-Sanford, FL	98.3	98.1	105.8	93.5
Oshkosh-Neenah, WI	90.2	96.2	75.4	92.3
Owensboro, KY	88.0	97.5	64.9	93.5
Oxnard-Thousand Oaks-Ventura, CA	117.1	100.2	171.8	107.4
Palm Bay-Melbourne-Titusville, FL	95.9	98.1	95.9	93.5

Table 6. Regional Price Parities by Metropolitan Area, 2017

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
Panama City, FL	93.9	97.1	89.9	93.5
Parkersburg-Vienna, WV	87.9	97.9	64.3	93.5
Pensacola-Ferry Pass-Brent, FL	92.3	98.1	82.5	93.5
Peoria, IL	89.4	96.1	71.2	92.2
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	105.4	100.7	109.6	108.2
Phoenix-Mesa-Scottsdale, AZ	97.7	96.2	98.9	98.5
Pine Bluff, AR	82.8	97.1	51.2	93.5
Pittsburgh, PA	94.0	98.4	79.4	96.4
Pittsfield, MA	97.7	98.1	90.8	101.8
Pocatello, ID	88.6	100.1	67.0	93.4
Portland-South Portland, ME	102.3	98.4	110.0	102.2
Portland-Vancouver-Hillsboro, OR-WA	101.7	99.0	120.6	95.8
Port St. Lucie, FL	97.0	98.1	100.5	93.5
Prescott, AZ	96.1	100.1	93.1	93.4
Providence-Warwick, RI-MA	99.7	98.8	96.7	102.8
Provo-Orem, UT	96.9	95.1	94.1	101.4
Pueblo, CO	91.2	95.0	73.0	101.5
Punta Gorda, FL	95.5	98.1	94.6	93.5
Racine, WI	93.3	96.0	83.4	95.7
Raleigh, NC	96.2	98.1	97.3	93.5
Rapid City, SD	90.1	95.5	78.0	91.8
Reading, PA	96.5	98.1	86.1	101.8
Redding, CA	96.5	95.0	92.5	101.5
Reno, NV	98.8	95.1	102.5	101.4
Richmond, VA	96.1	97.9	97.1	93.5
Riverside-San Bernardino-Ontario, CA	107.2	100.2	117.8	107.4
Roanoke, VA	90.1	97.3	75.1	93.5
Rochester, MN	93.3	95.4	91.2	91.7
Rochester, NY	98.2	98.1	92.7	101.8
Rockford, IL	88.5	96.2	70.1	92.3
Rocky Mount, NC	84.5	98.1	54.6	93.5
Rome, GA	80.9	91.5	60.2	93.0
Sacramento--Roseville--Arden-Arcade, CA	102.0	95.0	119.1	101.5
Saginaw, MI	87.8	96.2	65.6	92.3
St. Cloud, MN	91.0	96.2	79.2	92.3
St. George, UT	95.0	100.1	89.5	93.4
St. Joseph, MO-KS	85.9	95.8	61.3	92.1
St. Louis, MO-IL	91.4	94.9	82.4	92.3
Salem, OR	96.3	99.0	91.9	95.8
Salinas, CA	108.5	95.0	155.9	101.5
Salisbury, MD-DE	88.5	91.5	81.3	93.0
Salt Lake City, UT	99.1	95.3	104.5	101.2
San Angelo, TX	93.4	98.1	85.0	93.5
San Antonio-New Braunfels, TX	94.4	97.8	90.3	93.5
San Diego-Carlsbad, CA	116.0	98.6	168.0	107.1
San Francisco-Oakland-Hayward, CA	128.0	112.2	195.0	113.5
San Jose-Sunnyvale-Santa Clara, CA	130.9	111.9	218.4	113.1
San Luis Obispo-Paso Robles-Arroyo Grande, CA	107.4	95.0	149.2	101.5
Santa Cruz-Watsonville, CA	127.6	112.2	178.8	113.5
Santa Fe, NM	98.7	95.0	102.3	101.5
Santa Maria-Santa Barbara, CA	109.6	95.0	168.9	101.5
Santa Rosa, CA	123.5	112.2	157.5	113.5
Savannah, GA	93.9	98.1	87.7	93.5
Scranton--Wilkes-Barre--Hazleton, PA	92.5	98.1	71.7	101.8
Seattle-Tacoma-Bellevue, WA	111.8	107.3	138.5	103.9
Sebastian-Vero Beach, FL	91.8	91.5	90.9	93.0
Sebring, FL	83.2	91.5	69.1	93.0
Sheboygan, WI	89.8	96.2	73.1	92.3
Sherman-Denison, TX	91.9	98.1	78.8	93.5
Shreveport-Bossier City, LA	88.7	97.9	69.6	93.5
Sierra Vista-Douglas, AZ	89.0	100.1	70.3	93.4
Sioux City, IA-NE-SD	88.5	95.1	67.6	91.5
Sioux Falls, SD	91.6	96.1	81.5	92.2
South Bend-Mishawaka, IN-MI	87.9	95.8	68.8	92.0
Spartanburg, SC	88.4	97.8	67.4	93.5
Spokane-Spokane Valley, WA	94.8	95.9	84.6	100.3
Springfield, IL	89.9	96.2	71.7	92.3

Table 6. Regional Price Parities by Metropolitan Area, 2017

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
Springfield, MA	97.2	98.1	89.7	101.8
Springfield, MO	87.0	96.0	66.1	92.2
Springfield, OH	86.7	96.2	62.1	92.3
State College, PA	102.8	98.1	113.2	101.8
Staunton-Waynesboro, VA	84.8	91.5	71.3	93.0
Stockton-Lodi, CA	99.5	95.0	105.5	101.5
Sumter, SC	86.2	98.1	63.1	93.5
Syracuse, NY	97.1	98.1	88.3	101.8
Tallahassee, FL	93.3	97.6	86.3	93.5
Tampa-St. Petersburg-Clearwater, FL	98.9	95.2	103.9	100.6
Terre Haute, IN	86.4	95.9	63.3	92.1
Texarkana, TX-AR	87.2	96.8	61.6	93.6
The Villages, FL	92.9	91.5	94.0	93.0
Toledo, OH	87.7	96.2	65.5	92.3
Topeka, KS	88.6	95.6	71.0	91.9
Trenton, NJ	111.6	101.9	120.0	116.5
Tucson, AZ	95.1	95.0	86.6	101.5
Tulsa, OK	90.4	97.9	73.6	93.5
Tuscaloosa, AL	88.3	96.8	67.2	93.6
Twin Falls, ID	91.0	100.1	74.8	93.4
Tyler, TX	94.0	98.1	87.5	93.5
Urban Honolulu, HI	124.7	115.6	177.2	106.1
Utica-Rome, NY	93.5	98.1	74.8	101.8
Valdosta, GA	81.3	91.5	63.6	93.0
Vallejo-Fairfield, CA	120.0	112.2	140.2	113.5
Victoria, TX	93.7	97.8	86.7	93.5
Vineland-Bridgeton, NJ	98.8	100.7	84.0	108.2
Virginia Beach-Norfolk-Newport News, VA-NC	97.6	98.0	102.7	93.5
Visalia-Porterville, CA	93.9	95.0	82.3	101.5
Waco, TX	91.3	97.4	77.3	93.5
Walla Walla, WA	95.4	100.1	89.4	93.3
Warner Robins, GA	88.3	97.4	67.8	93.5
Washington-Arlington-Alexandria, DC-VA-MD-WV	118.4	105.3	164.4	109.8
Waterloo-Cedar Falls, IA	90.1	95.6	76.6	91.8
Watertown-Fort Drum, NY	99.0	98.1	96.9	101.8
Wausau, WI	90.3	96.2	73.4	92.3
Weirton-Steubenville, WV-OH	83.9	96.2	52.3	92.3
Wenatchee, WA	96.4	100.1	93.9	93.4
Wheeling, WV-OH	85.5	98.1	55.9	93.5
Wichita, KS	89.3	96.0	71.7	92.2
Wichita Falls, TX	89.0	97.8	71.0	93.5
Williamsport, PA	92.8	98.1	73.7	101.8
Wilmington, NC	92.8	97.3	85.6	93.5
Winchester, VA-WV	92.1	91.5	92.0	93.0
Winston-Salem, NC	88.7	98.1	67.6	93.5
Worcester, MA-CT	103.6	101.7	102.2	106.4
Yakima, WA	92.7	95.0	76.5	101.5
York-Hanover, PA	96.6	98.1	86.4	101.8
Youngstown-Warren-Boardman, OH-PA	86.6	96.5	59.5	94.2
Yuba City, CA	96.6	95.0	92.9	101.5
Yuma, AZ	90.5	95.0	71.1	101.5
Maximum	130.9	115.6	218.4	117.7
Minimum	75.3	91.3	48.5	89.6
Range	55.6	24.3	169.9	28.1

Source: U.S. Bureau of Economic Analysis

1. The U.S. all items RPP is the average price level across all metropolitan areas and the U.S. nonmetropolitan portion.