

News Release

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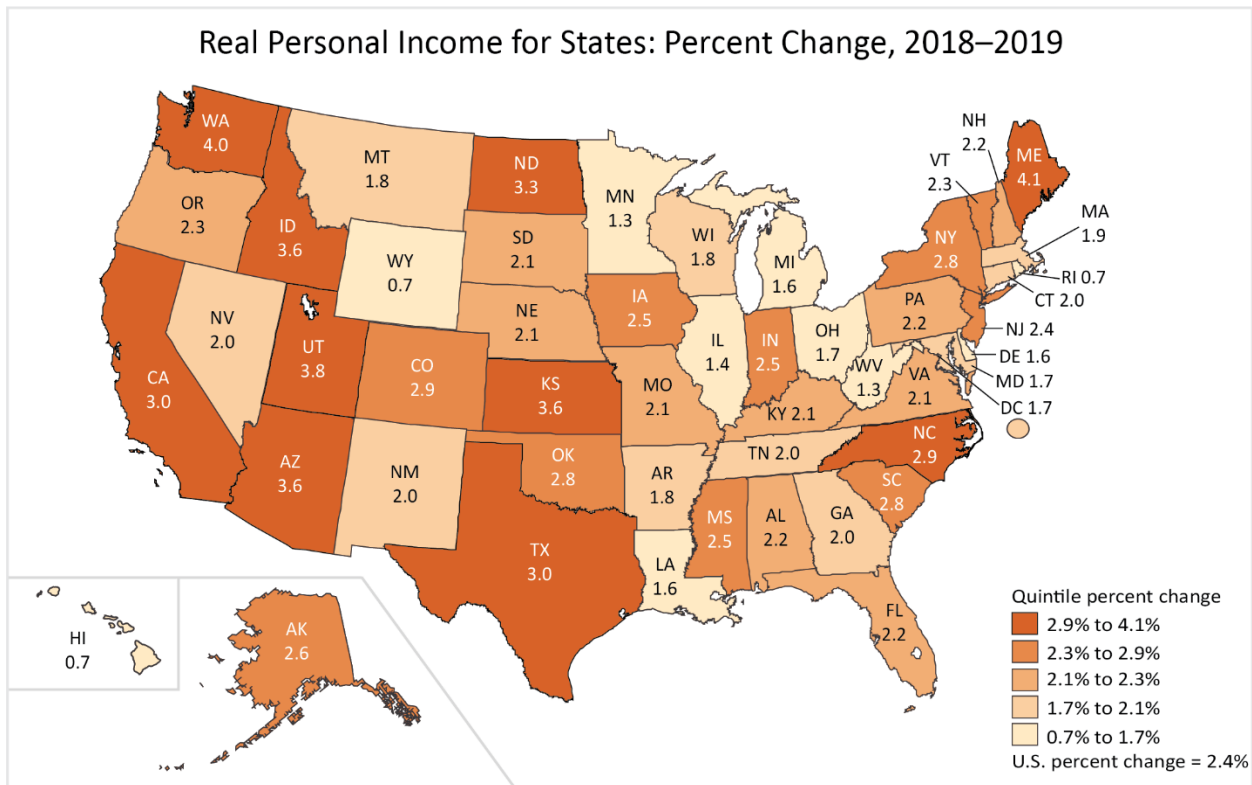
BEA 20-64

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Real Personal Income by State and Metropolitan Area, 2019

Real state personal income grew 2.4 percent in 2019 after increasing 3.1 percent in 2018, according to estimates released today by the Bureau of Economic Analysis (BEA). 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 4.1 percent in Maine to 0.7 percent in Hawaii, Wyoming, and Rhode Island (table 1). Across metropolitan areas, the percent change ranged from 7.6 percent in Hanford-Corcoran, CA, to -3.2 percent in Panama City, FL, and Wheeling, WV-OH (table 4).



Real Personal Income in 2019

- States with the fastest growth in real personal income were Maine (4.1 percent), Washington (4.0 percent), and Utah (3.8 percent).
- No state had a decline in real personal income. States with the slowest growth in real personal income were Rhode Island (0.7 percent), Wyoming (0.7 percent), and Hawaii (0.7 percent).
- Large metropolitan areas—those with populations greater than two million—with the fastest growth in real personal income were Austin-Round Rock-Georgetown, TX (5.3 percent), Denver-Aurora-Lakewood, CO (4.0 percent), and Riverside-San Bernardino-Ontario, CA (3.7 percent).
- Large metropolitan areas with the slowest growth in real personal income were Miami-Fort Lauderdale-Pompano Beach, FL (1.4 percent), Chicago-Naperville-Elgin, IL-IN-WI (1.4 percent), and Detroit-Warren-Dearborn, MI (1.4 percent).

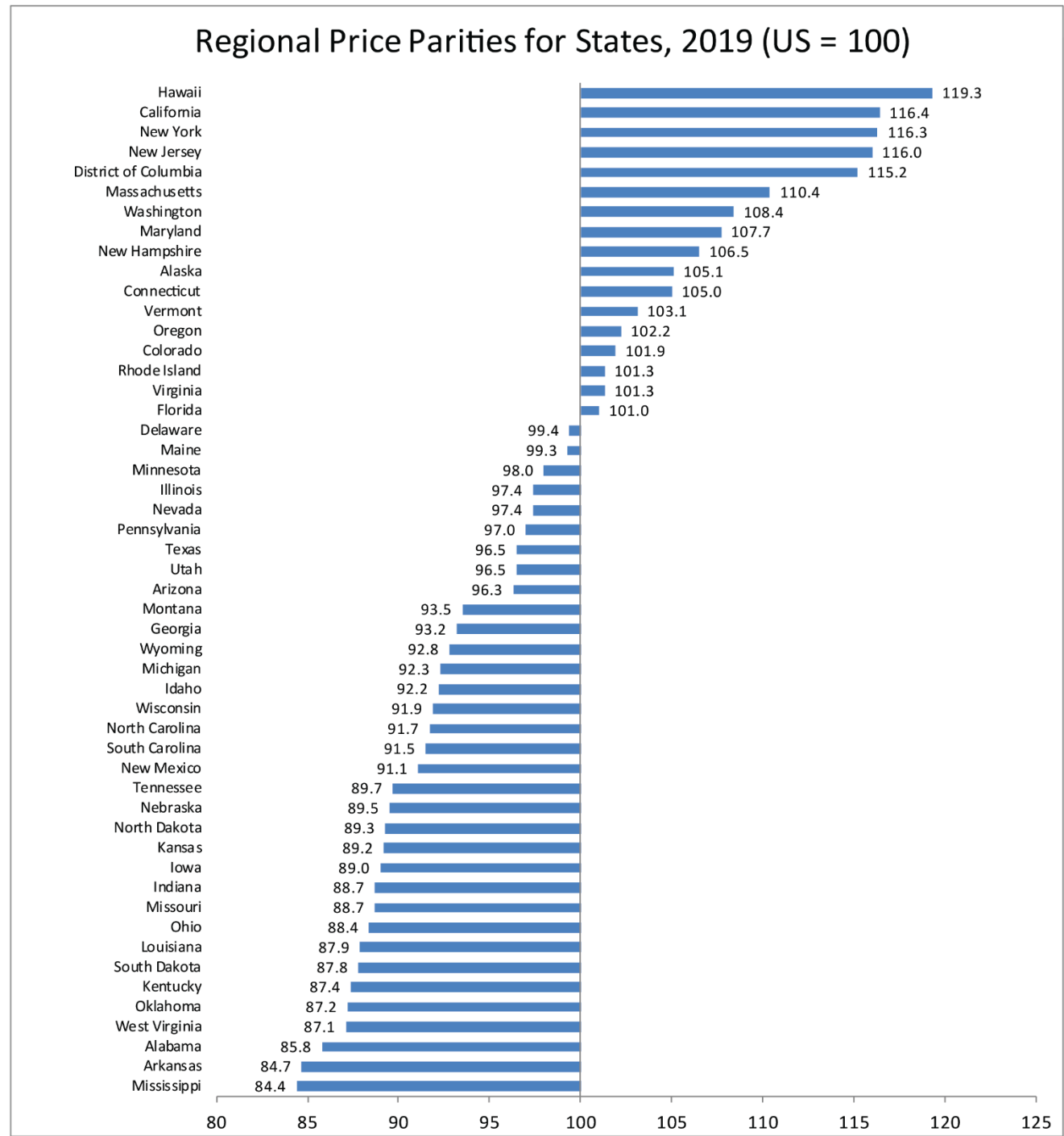
Regional Price Parities in 2019

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. The all items RPP covers 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 (119.3), California (116.4), and New York (116.3) (table 3).
- States with the lowest RPPs were Mississippi (84.4), Arkansas (84.7), and Alabama (85.8).
- Across states, California had the highest RPP for housing rents (153.6), and Mississippi had the lowest (60.0).
- Large metropolitan areas with the highest RPPs were San Francisco-Oakland-Berkeley, CA (134.5), New York-Newark-Jersey City, NY-NJ-PA (125.7), and Los Angeles-Long Beach-Anaheim, CA (118.8) (table 6).
- Large metropolitan areas with the lowest RPPs were Cleveland-Elyria, OH (89.9), St. Louis, MO-IL (90.1), and Cincinnati, OH-KY-IN (90.6).
- Across large metropolitan areas, San Francisco-Oakland-Berkeley, CA, had the highest RPP for housing rents (200.3), and Cleveland-Elyria, OH, had the lowest (76.3).
- Across all metropolitan areas, San Jose-Sunnyvale-Santa Clara, CA, had the highest RPP for housing rents (224.0), and Beckley, WV, had the lowest (44.0).

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.

Regional Price Parities for States, 2019 (US = 100)



U.S. Bureau of Economic Analysis

Acceleration of Release of Real Personal Income by State and Metropolitan Area

Today's release of real personal income by state and metropolitan area for 2019 represents a 5-month acceleration in the release of these statistics relative to last year's release schedule.

Annual Update of Real Personal Income

The estimates of 2019 state and metropolitan area real personal income released today incorporate the results of BEA's annual update of state and metropolitan area real personal income, also released today. The annual estimates for 2017 and 2018 were revised. The update incorporates revised source data that are more complete and more detailed than previously available.

Release of Real Personal Consumption Expenditures by State

On December 14, 2021, BEA will for the first time release official statistics of real personal consumption expenditures. These data will be combined with statistics on real personal income by state and metropolitan area in a single release for 2020.

Next release: December 14, 2021, at 8:30 A.M. EST
Real Personal Consumption Expenditures by State and
Real Personal Income by State and Metropolitan Area, 2020

Technical Notes on Regional Price Parities and Implicit Regional Price Deflators

Price indexes commonly measure price changes over time. The BEA personal consumption expenditures (PCE) price index and the Bureau of Labor Statistics (BLS) Consumer Price Index (CPI) are two examples. Spatial price indexes measure price level differences across regions for one time period. An example of this type of index is 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 gross domestic product into comparable levels in a common currency. The 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 an array of items from the CPI, which are aggregated into broader expenditure categories (such as food, transportation, or education).¹ Data on rents are obtained separately from the Census Bureau American Community Survey (ACS). The expenditure weights for each category are constructed using CPI expenditure weights, BEA 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 United States.³

For example, if the RPP for area A is 120 and the RPP 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 the personal income 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) for A and B, 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 RPPs may be found on the regional methodology page of the BEA website: <https://www.bea.gov/regional/methods.cfm>.

¹ The BEA regional price parity statistics are based in part on restricted access Consumer Price Index data from 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 metropolitan area price deflators published by 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 Wire](#), 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 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 midyear population estimates.

Regional price parities 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 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 parity⁶ 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 Montana in 2019 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	2019 Montana real personal income
\$53.2 / 0.935 = \$56.9	\$56.9 / 0.996 = \$57.1	\$57.1 / 1.099 = \$52.0	\$52.0

Note. Dollar amounts are in billions.

Estimates of real personal income in the United States are derived as the sum of the regional estimates divided by the U.S. PCE price index.

Implicit regional price deflator 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."

⁵ The CPI represents about 93 percent of the total U.S. population, including almost all residents of urban or metropolitan areas.

⁶ RPP should first be divided by 100.

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Table 1. Real Personal Income and Implicit Regional Price Deflators by State, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
United States	17,839,255	18,542,262	3.9	16,481,365	16,879,393	2.4	108.2	109.9	1.5
Alabama	208,753	216,449	3.7	225,621	230,579	2.2	92.5	93.9	1.5
Alaska	44,370	45,945	3.6	38,950	39,963	2.6	113.9	115.0	1.0
Arizona	319,226	335,243	5.0	307,239	318,207	3.6	103.9	105.4	1.4
Arkansas	130,398	134,683	3.3	142,816	145,445	1.8	91.3	92.6	1.4
California	2,514,503	2,632,280	4.7	2,007,111	2,067,605	3.0	125.3	127.3	1.6
Colorado	335,196	352,185	5.1	306,902	315,856	2.9	109.2	111.5	2.1
Connecticut	267,346	275,557	3.1	235,213	239,860	2.0	113.7	114.9	1.1
Delaware	51,103	53,055	3.8	48,039	48,790	1.6	106.4	108.7	2.2
District of Columbia	56,996	58,864	3.3	45,904	46,697	1.7	124.2	126.1	1.5
Florida	1,082,702	1,125,984	4.0	997,408	1,019,010	2.2	108.6	110.5	1.7
Georgia	493,576	512,138	3.8	492,132	502,145	2.0	100.3	102.0	1.7
Hawaii	78,436	80,727	2.9	61,412	61,855	0.7	127.7	130.5	2.2
Idaho	77,993	82,148	5.3	78,644	81,482	3.6	99.2	100.8	1.6
Illinois	727,064	744,641	2.4	689,636	699,158	1.4	105.4	106.5	1.0
Indiana	316,836	327,712	3.4	329,594	337,674	2.5	96.1	97.0	0.9
Iowa	157,981	163,639	3.6	164,021	168,092	2.5	96.3	97.4	1.1
Kansas	149,239	155,648	4.3	153,881	159,440	3.6	97.0	97.6	0.6
Kentucky	188,877	195,549	3.5	200,360	204,607	2.1	94.3	95.6	1.4
Louisiana	215,309	220,630	2.5	225,785	229,486	1.6	95.4	96.1	0.7
Maine	65,335	68,062	4.2	60,237	62,689	4.1	108.5	108.6	0.1
Maryland	378,492	390,792	3.3	326,184	331,806	1.7	116.0	117.8	1.6
Massachusetts	494,177	511,334	3.5	415,739	423,517	1.9	118.9	120.7	1.5
Michigan	477,010	491,632	3.1	479,511	487,047	1.6	99.5	100.9	1.4
Minnesota	321,639	331,802	3.2	305,396	309,390	1.3	105.3	107.2	1.8
Mississippi	112,838	115,814	2.6	122,374	125,398	2.5	92.2	92.4	0.2
Missouri	288,385	298,620	3.5	301,589	307,820	2.1	95.6	97.0	1.5
Montana	51,117	53,168	4.0	51,060	51,969	1.8	100.1	102.3	2.2
Nebraska	101,846	105,454	3.5	105,491	107,683	2.1	96.5	97.9	1.5
Nevada	151,368	157,584	4.1	145,096	147,967	2.0	104.3	106.5	2.1
New Hampshire	83,199	86,345	3.8	72,529	74,129	2.2	114.7	116.5	1.6
New Jersey	602,870	625,938	3.8	481,954	493,487	2.4	125.1	126.8	1.4
New Mexico	87,205	90,847	4.2	89,382	91,184	2.0	97.6	99.6	2.0
New York	1,340,903	1,395,147	4.0	1,066,491	1,096,322	2.8	125.7	127.3	1.3
North Carolina	479,792	500,974	4.4	485,271	499,534	2.9	98.9	100.3	1.4
North Dakota	42,292	43,614	3.1	43,251	44,660	3.3	97.8	97.7	-0.1
Ohio	569,184	586,784	3.1	596,755	606,786	1.7	95.4	96.7	1.4
Oklahoma	180,634	187,327	3.7	191,039	196,398	2.8	94.6	95.4	0.8
Oregon	215,365	224,346	4.2	196,226	200,650	2.3	109.8	111.8	1.8
Pennsylvania	717,255	742,924	3.6	685,150	700,099	2.2	104.7	106.1	1.3
Rhode Island	57,604	59,707	3.7	53,511	53,860	0.7	107.6	110.9	3.1
South Carolina	223,257	233,948	4.8	227,534	233,856	2.8	98.1	100.0	1.9
South Dakota	46,249	47,738	3.2	48,709	49,713	2.1	95.0	96.0	1.1
Tennessee	319,690	332,473	4.0	332,210	338,998	2.0	96.2	98.1	2.0
Texas	1,463,962	1,531,346	4.6	1,408,410	1,450,405	3.0	103.9	105.6	1.6
Utah	148,241	156,896	5.8	143,257	148,709	3.8	103.5	105.5	1.9
Vermont	33,423	34,502	3.2	29,921	30,599	2.3	111.7	112.8	1.0
Virginia	492,764	509,201	3.3	449,958	459,531	2.1	109.5	110.8	1.2
Washington	468,055	493,128	5.4	399,901	415,850	4.0	117.0	118.6	1.4
West Virginia	74,322	75,835	2.0	78,623	79,637	1.3	94.5	95.2	0.7
Wisconsin	299,827	309,909	3.4	302,717	308,294	1.8	99.0	100.5	1.5
Wyoming	35,054	35,993	2.7	35,225	35,458	0.7	99.5	101.5	2.0
Maximum	2,514,503	2,632,280	5.8	2,007,111	2,067,605	4.1	127.7	130.5	3.1
Minimum	33,423	34,502	2.0	29,921	30,599	0.7	91.3	92.4	-0.1
Range	2,481,081	2,597,777	3.8	1,977,190	2,037,006	3.4	36.4	38.1	3.2

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 2. Real Per Capita Personal Income by State, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
United States	54,606	56,490	3.5	50,450	51,424	1.9
Alabama	42,710	44,145	3.4	46,161	47,026	1.9
Alaska	60,355	62,806	4.1	52,983	54,629	3.1
Arizona	44,597	46,058	3.3	42,922	43,717	1.9
Arkansas	43,325	44,629	3.0	47,451	48,196	1.6
California	63,720	66,619	4.5	50,862	52,328	2.9
Colorado	58,896	61,157	3.8	53,925	54,848	1.7
Connecticut	74,855	77,289	3.3	65,858	67,277	2.2
Delaware	52,930	54,485	2.9	49,757	50,105	0.7
District of Columbia	81,243	83,406	2.7	65,432	66,167	1.1
Florida	50,964	52,426	2.9	46,949	47,445	1.1
Georgia	46,957	48,236	2.7	46,820	47,294	1.0
Hawaii	55,214	57,015	3.3	43,230	43,687	1.1
Idaho	44,554	45,968	3.2	44,926	45,595	1.5
Illinois	57,145	58,764	2.8	54,204	55,174	1.8
Indiana	47,321	48,678	2.9	49,226	50,158	1.9
Iowa	50,175	51,865	3.4	52,093	53,277	2.3
Kansas	51,261	53,426	4.2	52,855	54,728	3.5
Kentucky	42,338	43,770	3.4	44,912	45,797	2.0
Louisiana	46,207	47,460	2.7	48,455	49,365	1.9
Maine	48,792	50,634	3.8	44,984	46,636	3.7
Maryland	62,708	64,640	3.1	54,041	54,883	1.6
Massachusetts	71,801	74,187	3.3	60,404	61,446	1.7
Michigan	47,777	49,228	3.0	48,028	48,769	1.5
Minnesota	57,371	58,834	2.6	54,474	54,860	0.7
Mississippi	37,852	38,914	2.8	41,051	42,134	2.6
Missouri	47,109	48,656	3.3	49,266	50,155	1.8
Montana	48,194	49,747	3.2	48,140	48,625	1.0
Nebraska	52,890	54,515	3.1	54,783	55,667	1.6
Nevada	50,000	51,161	2.3	47,929	48,039	0.2
New Hampshire	61,471	63,502	3.3	53,588	54,518	1.7
New Jersey	67,845	70,471	3.9	54,237	55,559	2.4
New Mexico	41,670	43,326	4.0	42,710	43,487	1.8
New York	68,657	71,717	4.5	54,607	56,356	3.2
North Carolina	46,216	47,766	3.4	46,743	47,629	1.9
North Dakota	55,788	57,232	2.6	57,053	58,604	2.7
Ohio	48,747	50,199	3.0	51,108	51,910	1.6
Oklahoma	45,843	47,341	3.3	48,484	49,633	2.4
Oregon	51,500	53,191	3.3	46,923	47,573	1.4
Pennsylvania	56,032	58,032	3.6	53,524	54,687	2.2
Rhode Island	54,431	56,361	3.5	50,564	50,842	0.5
South Carolina	43,912	45,438	3.5	44,754	45,420	1.5
South Dakota	52,633	53,962	2.5	55,433	56,194	1.4
Tennessee	47,210	48,684	3.1	49,059	49,640	1.2
Texas	51,136	52,813	3.3	49,196	50,021	1.7
Utah	47,008	48,939	4.1	45,427	46,385	2.1
Vermont	53,531	55,293	3.3	47,923	49,038	2.3
Virginia	57,964	59,657	2.9	52,928	53,837	1.7
Washington	62,209	64,758	4.1	53,151	54,610	2.7
West Virginia	41,192	42,315	2.7	43,576	44,437	2.0
Wisconsin	51,628	53,227	3.1	52,126	52,949	1.6
Wyoming	60,689	62,189	2.5	60,984	61,266	0.5
Maximum	81,243	83,406	4.5	65,858	67,277	3.7
Minimum	37,852	38,914	2.3	41,051	42,134	0.2
Range	43,391	44,492	2.2	24,807	25,143	3.5

Source: U.S. Bureau of Economic Analysis

Note: Per capita personal income uses Census Bureau midyear population estimates available as of December 2019.

Table 3. Regional Price Parities by State, 2019

	Regional price parities			
	All items	Goods	Services	
			Rents	Other
United States¹	100.0	99.2	101.4	100.0
Alabama	85.8	95.9	61.9	90.3
Alaska	105.1	102.3	122.3	99.1
Arizona	96.3	94.8	94.1	99.7
Arkansas	84.7	94.7	60.9	91.0
California	116.4	104.9	153.6	108.3
Colorado	101.9	97.1	124.7	96.0
Connecticut	105.0	102.4	107.6	106.2
Delaware	99.4	98.3	95.0	103.6
District of Columbia	115.2	105.2	146.4	106.5
Florida	101.0	97.8	109.4	99.0
Georgia	93.2	96.8	82.6	96.7
Hawaii	119.3	111.8	152.6	105.0
Idaho	92.2	96.2	80.6	95.8
Illinois	97.4	99.0	94.7	97.4
Indiana	88.7	96.1	72.8	91.8
Iowa	89.0	94.9	73.0	91.6
Kansas	89.2	95.1	72.7	93.1
Kentucky	87.4	94.8	67.7	90.6
Louisiana	87.9	95.8	72.1	91.0
Maine	99.3	99.4	91.7	103.6
Maryland	107.7	102.4	119.3	104.8
Massachusetts	110.4	102.9	124.3	109.2
Michigan	92.3	96.9	80.2	94.7
Minnesota	98.0	101.7	96.1	95.3
Mississippi	84.4	94.4	60.0	90.3
Missouri	88.7	95.5	72.4	91.7
Montana	93.5	97.0	85.3	94.4
Nebraska	89.5	94.9	75.6	91.6
Nevada	97.4	93.9	101.8	98.5
New Hampshire	106.5	101.4	113.9	107.1
New Jersey	116.0	103.6	130.7	117.6
New Mexico	91.1	94.8	78.1	97.4
New York	116.3	108.2	130.0	115.2
North Carolina	91.7	95.8	78.8	94.9
North Dakota	89.3	94.9	75.2	91.6
Ohio	88.4	95.8	71.7	91.5
Oklahoma	87.2	95.2	68.6	91.1
Oregon	102.2	101.8	109.7	98.2
Pennsylvania	97.0	99.7	86.8	100.3
Rhode Island	101.3	99.4	101.2	103.5
South Carolina	91.5	96.0	78.2	94.9
South Dakota	87.8	94.8	69.0	91.5
Tennessee	89.7	95.9	76.8	90.3
Texas	96.5	96.7	94.9	97.4
Utah	96.5	94.5	98.2	97.8
Vermont	103.1	99.3	109.8	103.4
Virginia	101.3	98.9	107.4	100.1
Washington	108.4	105.8	122.9	103.0
West Virginia	87.1	94.6	60.9	96.0
Wisconsin	91.9	96.2	83.7	92.3
Wyoming	92.8	96.7	82.4	94.8
Maximum	119.3	111.8	153.6	117.6
Minimum	84.4	93.9	60.0	90.3
Range	34.9	17.9	93.6	27.3

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, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
United States	17,839,255	18,542,262	3.9	16,481,365	16,879,393	2.4	108.2	109.9	1.5
United States nonmetropolitan portion	1,887,423	1,954,244	3.5	2,013,777	2,068,077	2.7	93.7	94.5	0.9
Metropolitan statistical areas									
Abilene, TX	7,460	7,838	5.1	7,660	7,972	4.1	97.4	98.3	0.9
Akron, OH	34,880	35,944	3.1	36,015	36,673	1.8	96.9	98.0	1.1
Albany, GA	5,623	5,858	4.2	6,325	6,497	2.7	88.9	90.2	1.5
Albany-Lebanon, OR	5,522	5,817	5.3	5,262	5,452	3.6	104.9	106.7	1.7
Albany-Schenectady-Troy, NY	51,562	53,498	3.8	48,393	49,483	2.3	106.5	108.1	1.5
Albuquerque, NM	38,857	40,380	3.9	38,691	39,609	2.4	100.4	101.9	1.5
Alexandria, LA	6,571	6,757	2.8	7,153	7,263	1.5	91.9	93.0	1.2
Allentown-Bethlehem-Easton, PA-NJ	45,112	46,992	4.2	42,485	43,750	3.0	106.2	107.4	1.1
Altoona, PA	5,701	5,882	3.2	5,905	5,998	1.6	96.5	98.1	1.7
Amarillo, TX	12,262	12,740	3.9	12,495	12,820	2.6	98.1	99.4	1.3
Ames, IA	5,390	5,545	2.9	5,456	5,549	1.7	98.8	99.9	1.1
Anchorage, AK	24,584	25,503	3.7	21,271	21,980	3.3	115.6	116.0	0.3
Ann Arbor, MI	21,734	22,366	2.9	20,138	20,424	1.4	107.9	109.5	1.5
Anniston-Oxford, AL	4,229	4,362	3.1	4,775	4,864	1.9	88.6	89.7	1.2
Appleton, WI	12,098	12,538	3.6	12,597	12,946	2.8	96.0	96.8	0.8
Asheville, NC	21,018	21,946	4.4	20,970	21,558	2.8	100.2	101.8	1.6
Athens-Clarke County, GA	8,605	8,869	3.1	8,798	8,948	1.7	97.8	99.1	1.3
Atlanta-Sandy Springs-Alpharetta, GA	316,221	328,450	3.9	301,994	308,167	2.0	104.7	106.6	1.8
Atlantic City-Hammonton, NJ	12,816	13,350	4.2	12,080	12,429	2.9	106.1	107.4	1.2
Auburn-Opelika, AL	6,281	6,546	4.2	6,875	7,060	2.7	91.4	92.7	1.4
Augusta-Richmond County, GA-SC	25,423	26,575	4.5	26,679	27,342	2.5	95.3	97.2	2.0
Austin-Round Rock-Georgetown, TX	129,146	138,028	6.9	121,151	127,605	5.3	106.6	108.2	1.5
Bakersfield, CA	35,567	37,667	5.9	34,120	35,652	4.5	104.2	105.7	1.4
Baltimore-Columbia-Towson, MD	173,684	179,169	3.2	152,654	155,548	1.9	113.8	115.2	1.2
Bangor, ME	6,318	6,563	3.9	6,066	6,197	2.2	104.2	105.9	1.6
Barnstable Town, MA	15,949	16,493	3.4	14,017	14,256	1.7	113.8	115.7	1.7
Baton Rouge, LA	41,153	42,264	2.7	42,109	42,903	1.9	97.7	98.5	0.8
Battle Creek, MI	5,249	5,401	2.9	5,593	5,703	2.0	93.9	94.7	0.9
Bay City, MI	4,394	4,502	2.5	4,798	4,813	0.3	91.6	93.5	2.1
Beaumont-Port Arthur, TX	17,382	17,751	2.1	18,509	18,670	0.9	93.9	95.1	1.3
Beckley, WV	4,606	4,761	3.4	5,584	5,624	0.7	82.5	84.7	2.7
Bellingham, WA	11,139	11,672	4.8	10,278	10,551	2.7	108.4	110.6	2.0
Bend, OR	10,672	11,159	4.6	9,667	9,999	3.4	110.4	111.6	1.1
Billings, MT	9,461	9,803	3.6	9,350	9,538	2.0	101.2	102.8	1.6
Binghamton, NY	10,679	11,095	3.9	10,456	10,731	2.6	102.1	103.4	1.3
Birmingham-Hoover, AL	56,273	58,200	3.4	59,582	60,552	1.6	94.4	96.1	1.8
Bismarck, ND	7,279	7,512	3.2	7,326	7,506	2.5	99.4	100.1	0.7
Blacksburg-Christiansburg, VA	6,435	6,620	2.9	6,713	6,743	0.4	95.9	98.2	2.4
Bloomington, IL	8,489	8,508	0.2	8,616	8,533	-1.0	98.5	99.7	1.2
Bloomington, IN	7,041	7,346	4.3	7,170	7,372	2.8	98.2	99.7	1.5
Bloomsburg-Berwick, PA	3,808	3,918	2.9	3,856	3,890	0.9	98.8	100.7	1.9
Boise City, ID	34,014	35,873	5.5	34,115	35,185	3.1	99.7	102.0	2.3
Boston-Cambridge-Newton, MA-NH	383,529	397,139	3.5	310,706	315,691	1.6	123.4	125.8	1.9
Boulder, CO	23,867	24,963	4.6	20,935	21,492	2.7	114.0	116.1	1.8
Bowling Green, KY	6,400	6,652	3.9	7,074	7,215	2.0	90.5	92.2	1.9
Bremerton-Silverdale-Port Orchard, WA	15,160	15,983	5.4	13,088	13,502	3.2	115.8	118.4	2.2
Bridgeport-Stamford-Norwalk, CT	110,853	114,518	3.3	91,222	93,549	2.6	121.5	122.4	0.7
Brownsville-Harlingen, TX	12,217	12,664	3.7	13,818	14,144	2.4	88.4	89.5	1.2
Brunswick, GA	4,964	5,094	2.6	5,243	5,327	1.6	94.7	95.6	1.0
Buffalo-Cheektowaga, NY	56,783	59,028	4.0	56,162	57,364	2.1	101.1	102.9	1.8
Burlington, NC	6,651	6,983	5.0	6,929	7,164	3.4	96.0	97.5	1.6
Burlington-South Burlington, VT	12,545	12,930	3.1	10,987	11,181	1.8	114.2	115.6	1.2
California-Lexington Park, MD	6,404	6,650	3.8	6,063	6,338	4.5	105.6	104.9	-0.7
Canton-Massillon, OH	17,793	18,310	2.9	19,247	19,737	2.5	92.4	92.8	0.4
Cape Coral-Fort Myers, FL	38,548	40,119	4.1	36,778	37,728	2.6	104.8	106.3	1.4
Cape Girardeau, MO-IL	4,155	4,313	3.8	4,590	4,676	1.9	90.5	92.2	1.9
Carbondale-Marion, IL	5,533	5,666	2.4	6,152	6,254	1.7	89.9	90.6	0.8
Carson City, NV	2,804	2,934	4.6	2,713	2,783	2.6	103.4	105.4	1.9

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
Casper, WY	5,647	5,765	2.1	5,588	5,693	1.9	101.1	101.3	0.2
Cedar Rapids, IA	14,218	14,510	2.1	14,994	15,072	0.5	94.8	96.3	1.6
Chambersburg-Waynesboro, PA	7,157	7,431	3.8	7,092	7,237	2.0	100.9	102.7	1.8
Champaign-Urbana, IL	10,258	10,537	2.7	10,388	10,633	2.4	98.7	99.1	0.4
Charleston, WV	11,504	11,639	1.2	12,415	12,437	0.2	92.7	93.6	1.0
Charleston-North Charleston, SC	40,354	42,608	5.6	38,886	40,306	3.7	103.8	105.7	1.8
Charlotte-Concord-Gastonia, NC-SC	135,599	142,170	4.8	134,298	138,243	2.9	101.0	102.8	1.8
Charlottesville, VA	14,721	15,085	2.5	13,865	14,022	1.1	106.2	107.6	1.3
Chattanooga, TN-GA	25,829	26,777	3.7	27,300	27,625	1.2	94.6	96.9	2.4
Cheyenne, WY	5,206	5,384	3.4	5,173	5,350	3.4	100.6	100.6	0.0
Chicago-Naperville-Elgin, IL-IN-WI	584,625	600,617	2.7	529,469	536,747	1.4	110.4	111.9	1.4
Chico, CA	10,268	10,490	2.2	9,527	9,579	0.5	107.8	109.5	1.6
Cincinnati, OH-KY-IN	119,566	124,462	4.1	122,779	126,221	2.8	97.4	98.6	1.2
Clarksville, TN-KY	12,320	12,892	4.6	12,981	13,420	3.4	94.9	96.1	1.3
Cleveland, TN	4,784	4,978	4.0	5,268	5,345	1.5	90.8	93.1	2.5
Cleveland-Elyria, OH	110,433	113,589	2.9	114,067	116,023	1.7	96.8	97.9	1.1
Coeur d'Alene, ID	7,320	7,729	5.6	7,236	7,590	4.9	101.2	101.8	0.6
College Station-Bryan, TX	10,584	11,050	4.4	10,687	11,122	4.1	99.0	99.4	0.4
Colorado Springs, CO	36,128	38,125	5.5	34,170	35,275	3.2	105.7	108.1	2.3
Columbia, MO	9,409	9,884	5.0	9,827	10,096	2.7	95.8	97.9	2.2
Columbia, SC	37,355	39,007	4.4	37,963	39,211	3.3	98.4	99.5	1.1
Columbus, GA-AL	13,040	13,543	3.9	13,678	14,038	2.6	95.3	96.5	1.3
Columbus, IN	4,238	4,402	3.9	4,418	4,556	3.1	95.9	96.6	0.7
Columbus, OH	107,554	111,370	3.5	109,261	111,639	2.2	98.4	99.8	1.4
Corpus Christi, TX	18,724	19,366	3.4	18,865	19,244	2.0	99.3	100.6	1.3
Corvallis, OR	4,351	4,534	4.2	3,920	4,047	3.2	111.0	112.0	0.9
Crestview-Fort Walton Beach-Destin, FL	14,719	15,457	5.0	14,537	15,017	3.3	101.3	102.9	1.6
Cumberland, MD-WV	3,892	4,008	3.0	4,218	4,396	4.2	92.3	91.2	-1.2
Dallas-Fort Worth-Arlington, TX	423,962	444,730	4.9	392,144	403,783	3.0	108.1	110.1	1.9
Dalton, GA	5,291	5,419	2.4	5,832	5,804	-0.5	90.7	93.4	3.0
Danville, IL	3,005	3,039	1.1	3,546	3,528	-0.5	84.8	86.1	1.5
Daphne-Fairhope-Foley, AL	10,066	10,600	5.3	10,459	10,788	3.1	96.2	98.3	2.2
Davenport-Moline-Rock Island, IA-IL	18,667	19,149	2.6	19,649	19,918	1.4	95.0	96.1	1.2
Dayton-Kettering, OH	38,484	39,703	3.2	40,725	41,636	2.2	94.5	95.4	1.0
Decatur, AL	5,917	6,149	3.9	6,654	6,746	1.4	88.9	91.1	2.5
Decatur, IL	5,038	5,072	0.7	5,520	5,480	-0.7	91.3	92.5	1.3
Deltona-Daytona Beach-Ormond Beach, FL	28,610	29,917	4.6	27,830	28,680	3.1	102.8	104.3	1.5
Denver-Aurora-Lakewood, CO	189,649	199,504	5.2	169,154	175,906	4.0	112.1	113.4	1.2
Des Moines-West Des Moines, IA	37,229	38,488	3.4	37,523	38,301	2.1	99.2	100.5	1.3
Detroit-Warren-Dearborn, MI	227,219	234,001	3.0	222,241	225,399	1.4	102.2	103.8	1.6
Dothan, AL	6,191	6,444	4.1	6,921	7,079	2.3	89.5	91.0	1.7
Dover, DE	7,434	7,791	4.8	7,520	7,738	2.9	98.9	100.7	1.8
Dubuque, IA	4,858	5,014	3.2	5,064	5,167	2.0	95.9	97.0	1.1
Duluth, MN-WI	13,307	13,759	3.4	13,825	14,117	2.1	96.3	97.5	1.2
Durham-Chapel Hill, NC	33,614	35,069	4.3	33,053	33,991	2.8	101.7	103.2	1.5
East Stroudsburg, PA	7,156	7,462	4.3	6,905	6,965	0.9	103.6	107.1	3.4
Eau Claire, WI	8,019	8,288	3.4	8,381	8,548	2.0	95.7	97.0	1.4
El Centro, CA	6,823	7,330	7.4	6,999	7,446	6.4	97.5	98.4	0.9
Elizabethtown-Fort Knox, KY	6,352	6,631	4.4	6,919	7,042	1.8	91.8	94.2	2.6
Elkhart-Goshen, IN	9,531	9,693	1.7	10,031	10,028	0.0	95.0	96.7	1.8
Elmira, NY	3,736	3,874	3.7	3,669	3,748	2.2	101.8	103.4	1.6
El Paso, TX	30,533	31,767	4.0	32,343	33,280	2.9	94.4	95.5	1.2
Enid, OK	2,668	2,741	2.8	2,794	2,851	2.1	95.5	96.1	0.6
Erie, PA	12,230	12,510	2.3	12,426	12,580	1.2	98.4	99.4	1.0
Eugene-Springfield, OR	17,460	18,087	3.6	16,401	16,708	1.9	106.5	108.3	1.7
Evansville, IN-KY	14,810	15,406	4.0	15,706	16,173	3.0	94.3	95.3	1.1
Fairbanks, AK	5,689	5,807	2.1	4,910	4,993	1.7	115.9	116.3	0.3
Fargo, ND-MN	13,025	13,521	3.8	13,309	13,712	3.0	97.9	98.6	0.7
Farmington, NM	4,427	4,462	0.8	4,544	4,538	-0.1	97.4	98.3	0.9
Fayetteville, NC	19,265	20,123	4.5	20,241	20,768	2.6	95.2	96.9	1.8
Fayetteville-Springdale-Rogers, AR	35,143	36,251	3.2	37,173	37,764	1.6	94.5	96.0	1.6

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
Flagstaff, AZ	6,965	7,057	1.3	6,610	6,524	-1.3	105.4	108.2	2.7
Flint, MI	16,519	17,015	3.0	17,254	17,615	2.1	95.7	96.6	0.9
Florence, SC	8,324	8,696	4.5	8,930	9,126	2.2	93.2	95.3	2.3
Florence-Muscle Shoals, AL	5,579	5,786	3.7	6,365	6,584	3.4	87.7	87.9	0.2
Fond du Lac, WI	4,976	5,165	3.8	5,295	5,404	2.1	94.0	95.6	1.7
Fort Collins, CO	19,008	19,945	4.9	17,483	17,965	2.8	108.7	111.0	2.1
Fort Smith, AR-OK	9,291	9,610	3.4	10,443	10,642	1.9	89.0	90.3	1.5
Fort Wayne, IN	19,015	19,637	3.3	20,021	20,472	2.3	95.0	95.9	0.9
Fresno, CA	43,088	45,446	5.5	41,324	42,820	3.6	104.3	106.1	1.7
Gadsden, AL	3,822	3,919	2.6	4,357	4,380	0.5	87.7	89.5	2.1
Gainesville, FL	14,197	14,771	4.0	14,049	14,375	2.3	101.1	102.8	1.7
Gainesville, GA	8,957	9,318	4.0	9,211	9,380	1.8	97.2	99.3	2.2
Gettysburg, PA	4,986	5,169	3.7	4,863	4,968	2.2	102.5	104.1	1.6
Glens Falls, NY	5,852	6,110	4.4	5,654	5,812	2.8	103.5	105.1	1.5
Goldsboro, NC	4,735	4,912	3.7	5,076	5,179	2.0	93.3	94.8	1.6
Grand Forks, ND-MN	5,115	5,237	2.4	5,253	5,383	2.5	97.4	97.3	-0.1
Grand Island, NE	3,310	3,437	3.8	3,639	3,690	1.4	91.0	93.1	2.3
Grand Junction, CO	6,945	7,205	3.7	6,958	7,063	1.5	99.8	102.0	2.2
Grand Rapids-Kentwood, MI	52,555	54,224	3.2	53,221	54,111	1.7	98.7	100.2	1.5
Grants Pass, OR	3,652	3,810	4.3	3,613	3,663	1.4	101.1	104.0	2.9
Great Falls, MT	3,912	4,052	3.6	3,971	4,050	2.0	98.5	100.1	1.6
Greeley, CO	15,122	16,289	7.7	14,541	15,270	5.0	104.0	106.7	2.6
Green Bay, WI	16,575	17,108	3.2	17,222	17,514	1.7	96.2	97.7	1.6
Greensboro-High Point, NC	33,293	34,624	4.0	34,578	35,339	2.2	96.3	98.0	1.8
Greenville, NC	7,514	7,831	4.2	8,050	8,227	2.2	93.3	95.2	2.0
Greenville-Anderson, SC	40,153	41,822	4.2	41,449	42,366	2.2	96.9	98.7	1.9
Gulfport-Biloxi, MS	15,272	15,784	3.4	16,341	16,621	1.7	93.5	95.0	1.6
Hagerstown-Martinsburg, MD-WV	12,521	13,046	4.2	12,117	12,455	2.8	103.3	104.7	1.4
Hammond, LA	5,047	5,229	3.6	5,501	5,565	1.2	91.8	94.0	2.4
Hanford-Corcoran, CA	5,595	6,031	7.8	5,408	5,819	7.6	103.5	103.6	0.1
Harrisburg-Carlisle, PA	29,976	31,135	3.9	29,082	29,827	2.6	103.1	104.4	1.3
Harrisonburg, VA	5,434	5,576	2.6	5,588	5,575	-0.2	97.3	100.0	2.8
Hartford-East Hartford-Middletown, CT	76,525	78,476	2.5	69,432	70,337	1.3	110.2	111.6	1.3
Hattiesburg, MS	6,447	6,588	2.2	7,167	7,147	-0.3	90.0	92.2	2.4
Hickory-Lenoir-Morganton, NC	14,564	15,094	3.6	15,522	15,863	2.2	93.8	95.1	1.4
Hilton Head Island-Bluffton, SC	11,688	12,343	5.6	11,428	11,913	4.2	102.3	103.6	1.3
Hinesville, GA	2,739	2,832	3.4	2,788	2,840	1.9	98.3	99.7	1.4
Homosassa Springs, FL	5,615	5,845	4.1	5,899	6,025	2.1	95.2	97.0	1.9
Hot Springs, AR	3,917	4,082	4.2	4,281	4,408	3.0	91.5	92.6	1.2
Houma-Thibodaux, LA	8,906	9,140	2.6	9,378	9,533	1.7	95.0	95.9	0.9
Houston-The Woodlands-Sugar Land, TX	398,716	416,122	4.4	365,138	375,726	2.9	109.2	110.8	1.5
Huntington-Ashland, WV-KY-OH	14,495	14,722	1.6	15,773	15,803	0.2	91.9	93.2	1.4
Huntsville, AL	23,251	24,587	5.7	24,483	25,373	3.6	95.0	96.9	2.0
Idaho Falls, ID	6,845	7,189	5.0	7,011	7,257	3.5	97.6	99.1	1.5
Indianapolis-Carmel-Anderson, IN	112,424	116,921	4.0	114,668	117,868	2.8	98.0	99.2	1.2
Iowa City, IA	9,459	9,665	2.2	9,427	9,558	1.4	100.3	101.1	0.8
Ithaca, NY	4,621	4,751	2.8	4,093	4,142	1.2	112.9	114.7	1.6
Jackson, MI	6,211	6,402	3.1	6,596	6,715	1.8	94.2	95.3	1.2
Jackson, MS	25,983	26,608	2.4	27,329	27,866	2.0	95.1	95.5	0.4
Jackson, TN	7,164	7,466	4.2	8,261	8,500	2.9	86.7	87.8	1.3
Jacksonville, FL	77,125	80,192	4.0	75,379	77,159	2.4	102.3	103.9	1.6
Jacksonville, NC	9,132	9,407	3.0	9,247	9,430	2.0	98.8	99.8	1.0
Janesville-Beloit, WI	7,215	7,553	4.7	7,498	7,746	3.3	96.2	97.5	1.4
Jefferson City, MO	6,394	6,676	4.4	7,253	7,371	1.6	88.1	90.6	2.8
Johnson City, TN	8,168	8,392	2.7	8,918	9,038	1.3	91.6	92.9	1.4
Johnstown, PA	5,711	5,873	2.8	6,199	6,338	2.2	92.1	92.7	0.7
Jonesboro, AR	4,846	5,103	5.3	5,438	5,598	2.9	89.1	91.2	2.4
Joplin, MO	7,202	7,438	3.3	7,900	8,174	3.5	91.2	91.0	-0.2
Kahului-Wailuku-Lahaina, HI	8,212	8,601	4.7	6,830	6,974	2.1	120.2	123.3	2.6
Kalamazoo-Portage, MI	12,779	13,119	2.7	13,211	13,419	1.6	96.7	97.8	1.1
Kankakee, IL	4,551	4,690	3.1	4,575	4,635	1.3	99.5	101.2	1.7

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
Kansas City, MO-KS	114,692	118,708	3.5	115,233	117,488	2.0	99.5	101.0	1.5
Kennewick-Richland, WA	13,154	13,851	5.3	12,501	12,896	3.2	105.2	107.4	2.1
Killeen-Temple, TX	18,801	19,726	4.9	19,584	20,333	3.8	96.0	97.0	1.0
Kingsport-Bristol, TN-VA	12,329	12,570	2.0	13,612	13,665	0.4	90.6	92.0	1.5
Kingston, NY	9,026	9,412	4.3	8,195	8,421	2.8	110.1	111.8	1.5
Knoxville, TN	39,927	41,324	3.5	42,253	42,908	1.6	94.5	96.3	1.9
Kokomo, IN	3,466	3,542	2.2	3,772	3,808	1.0	91.9	93.0	1.2
La Crosse-Onalaska, WI-MN	6,891	7,109	3.2	7,046	7,186	2.0	97.8	98.9	1.1
Lafayette, LA	21,310	21,776	2.2	23,104	23,354	1.1	92.2	93.2	1.1
Lafayette-West Lafayette, IN	9,155	9,358	2.2	9,506	9,568	0.6	96.3	97.8	1.6
Lake Charles, LA	10,204	10,445	2.4	10,783	10,822	0.4	94.6	96.5	2.0
Lake Havasu City-Kingman, AZ	6,981	7,298	4.5	7,271	7,505	3.2	96.0	97.2	1.3
Lakeland-Winter Haven, FL	25,288	26,563	5.0	25,309	26,105	3.1	99.9	101.8	1.9
Lancaster, PA	28,608	29,641	3.6	27,113	27,752	2.4	105.5	106.8	1.2
Lansing-East Lansing, MI	22,606	23,389	3.5	23,145	23,764	2.7	97.7	98.4	0.7
Laredo, TX	8,664	8,982	3.7	9,312	9,585	2.9	93.0	93.7	0.8
Las Cruces, NM	7,864	8,238	4.8	8,449	8,825	4.5	93.1	93.3	0.2
Las Vegas-Henderson-Paradise, NV	106,317	110,628	4.1	103,019	104,888	1.8	103.2	105.5	2.2
Lawrence, KS	5,321	5,522	3.8	5,406	5,566	3.0	98.4	99.2	0.8
Lawton, OK	5,161	5,397	4.6	5,463	5,661	3.6	94.5	95.3	0.8
Lebanon, PA	6,722	6,937	3.2	6,562	6,655	1.4	102.4	104.2	1.8
Lewiston, ID-WA	2,907	3,001	3.3	3,003	3,037	1.1	96.8	98.8	2.1
Lewiston-Auburn, ME	4,465	4,652	4.2	4,331	4,446	2.6	103.1	104.6	1.5
Lexington-Fayette, KY	24,729	25,649	3.7	25,634	26,006	1.5	96.5	98.6	2.2
Lima, OH	4,374	4,482	2.5	4,854	4,897	0.9	90.1	91.5	1.6
Lincoln, NE	16,539	17,099	3.4	16,949	17,284	2.0	97.6	98.9	1.3
Little Rock-North Little Rock-Conway, AR	33,356	34,565	3.6	35,125	36,188	3.0	95.0	95.5	0.5
Logan, UT-ID	5,585	5,881	5.3	5,717	5,942	3.9	97.7	99.0	1.3
Longview, TX	11,928	12,313	3.2	12,473	12,688	1.7	95.6	97.0	1.5
Longview, WA	4,886	5,143	5.3	4,747	4,899	3.2	102.9	105.0	2.0
Los Angeles-Long Beach-Anaheim, CA	846,487	881,215	4.1	666,453	681,437	2.2	127.0	129.3	1.8
Louisville/Jefferson County, KY-IN	63,653	65,955	3.6	66,266	67,598	2.0	96.1	97.6	1.6
Lubbock, TX	13,681	14,234	4.0	13,950	14,367	3.0	98.1	99.1	1.0
Lynchburg, VA	10,619	10,876	2.4	11,094	11,068	-0.2	95.7	98.3	2.7
Macon-Bibb County, GA	9,406	9,704	3.2	10,054	10,192	1.4	93.5	95.2	1.8
Madera, CA	6,133	6,492	5.9	6,033	6,293	4.3	101.7	103.2	1.5
Madison, WI	39,325	41,280	5.0	38,023	39,334	3.4	103.4	104.9	1.5
Manchester-Nashua, NH	25,339	26,364	4.0	21,850	22,504	3.0	116.0	117.1	0.9
Manhattan, KS	5,950	6,133	3.1	6,073	6,223	2.5	98.0	98.6	0.6
Mankato, MN	4,735	4,915	3.8	4,817	4,930	2.3	98.3	99.7	1.4
Mansfield, OH	4,766	4,908	3.0	5,252	5,386	2.5	90.7	91.1	0.4
McAllen-Edinburg-Mission, TX	22,950	23,815	3.8	26,048	26,599	2.1	88.1	89.5	1.6
Medford, OR	10,238	10,670	4.2	9,731	9,975	2.5	105.2	107.0	1.7
Memphis, TN-MS-AR	62,664	64,590	3.1	65,201	66,222	1.6	96.1	97.5	1.5
Merced, CA	10,697	11,406	6.6	10,414	10,838	4.1	102.7	105.2	2.4
Miami-Fort Lauderdale-Pompano Beach, FL	363,414	375,944	3.4	304,945	309,067	1.4	119.2	121.6	2.0
Michigan City-La Porte, IN	4,659	4,825	3.6	5,092	5,237	2.8	91.5	92.1	0.7
Midland, MI	4,525	4,654	2.9	4,666	4,799	2.9	97.0	97.0	0.0
Midland, TX	22,680	23,513	3.7	21,469	21,856	1.8	105.6	107.6	1.9
Milwaukee-Waukesha, WI	89,771	92,080	2.6	88,292	89,376	1.2	101.7	103.0	1.3
Minneapolis-St. Paul-Bloomington, MN-WI	227,122	233,890	3.0	205,810	208,802	1.5	110.4	112.0	1.4
Missoula, MT	5,908	6,110	3.4	5,814	5,885	1.2	101.6	103.8	2.2
Mobile, AL	16,657	17,192	3.2	18,188	18,516	1.8	91.6	92.9	1.4
Modesto, CA	23,915	25,188	5.3	22,242	22,902	3.0	107.5	110.0	2.3
Monroe, LA	8,250	8,376	1.5	9,192	9,234	0.5	89.8	90.7	1.0
Monroe, MI	7,040	7,311	3.9	7,201	7,428	3.2	97.8	98.4	0.6
Montgomery, AL	16,176	16,750	3.5	17,213	17,525	1.8	94.0	95.6	1.7
Morgantown, WV	6,018	6,182	2.7	6,217	6,323	1.7	96.8	97.8	1.0
Morristown, TN	5,164	5,346	3.5	5,882	5,903	0.3	87.8	90.6	3.2
Mount Vernon-Anacortes, WA	6,657	7,042	5.8	6,101	6,376	4.5	109.1	110.4	1.2
Muncie, IN	4,222	4,352	3.1	4,578	4,662	1.8	92.2	93.3	1.2

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
Muskegon, MI	6,647	6,880	3.5	7,137	7,284	2.1	93.1	94.4	1.4
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	18,929	20,122	6.3	19,204	20,037	4.3	98.6	100.4	1.8
Napa, CA	9,999	10,430	4.3	7,711	7,929	2.8	129.7	131.5	1.4
Naples-Marco Island, FL	37,178	38,252	2.9	34,126	34,822	2.0	108.9	109.9	0.9
Nashville-Davidson–Murfreesboro–Franklin, TN	111,958	117,374	4.8	110,793	114,149	3.0	101.1	102.8	1.7
New Bern, NC	5,422	5,691	5.0	5,991	6,112	2.0	90.5	93.1	2.9
New Haven-Milford, CT	47,801	49,360	3.3	41,618	42,698	2.6	114.9	115.6	0.6
New Orleans-Metairie, LA	67,270	69,069	2.7	67,172	68,130	1.4	100.1	101.4	1.3
New York-Newark-Jersey City, NY-NJ-PA	1,475,920	1,534,294	4.0	1,097,259	1,121,369	2.2	134.5	136.8	1.7
Niles, MI	7,299	7,400	1.4	7,826	7,914	1.1	93.3	93.5	0.2
North Port-Sarasota-Bradenton, FL	46,867	48,613	3.7	43,511	44,273	1.7	107.7	109.8	1.9
Norwich-New London, CT	15,421	15,837	2.7	13,961	14,194	1.7	110.5	111.6	1.0
Ocala, FL	13,364	13,999	4.8	13,686	14,027	2.5	97.6	99.8	2.3
Ocean City, NJ	5,571	5,774	3.6	5,104	5,206	2.0	109.2	110.9	1.6
Odessa, TX	7,847	8,338	6.3	7,797	8,050	3.2	100.6	103.6	3.0
Ogden-Clearfield, UT	29,706	31,542	6.2	29,561	30,710	3.9	100.5	102.7	2.2
Oklahoma City, OK	66,346	68,841	3.8	68,695	70,399	2.5	96.6	97.8	1.2
Olympia-Lacey-Tumwater, WA	14,437	15,348	6.3	12,445	12,993	4.4	116.0	118.1	1.8
Omaha-Council Bluffs, NE-IA	53,987	55,966	3.7	54,734	56,036	2.4	98.6	99.9	1.3
Orlando-Kissimmee-Sanford, FL	112,564	117,774	4.6	106,394	109,297	2.7	105.8	107.8	1.9
Oshkosh-Neenah, WI	8,198	8,471	3.3	8,536	8,729	2.3	96.0	97.0	1.0
Owensboro, KY	4,883	5,000	2.4	5,224	5,241	0.3	93.5	95.4	2.0
Oxnard-Thousand Oaks-Ventura, CA	52,500	54,749	4.3	41,640	42,960	3.2	126.1	127.4	1.0
Palm Bay-Melbourne-Titusville, FL	27,355	28,839	5.4	26,504	27,381	3.3	103.2	105.3	2.0
Panama City, FL	8,043	7,982	-0.8	7,921	7,666	-3.2	101.5	104.1	2.6
Parkersburg-Vienna, WV	3,893	3,928	0.9	4,136	4,122	-0.3	94.1	95.3	1.3
Pensacola-Ferry Pass-Brent, FL	21,492	22,592	5.1	21,697	22,423	3.3	99.1	100.8	1.7
Peoria, IL	19,524	19,666	0.7	20,712	20,691	-0.1	94.3	95.0	0.7
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	391,224	406,400	3.9	346,097	354,547	2.4	113.0	114.6	1.4
Phoenix-Mesa-Chandler, AZ	225,677	237,837	5.4	214,206	221,397	3.4	105.4	107.4	1.9
Pine Bluff, AR	3,067	3,127	2.0	3,534	3,555	0.6	86.8	88.0	1.4
Pittsburgh, PA	135,191	139,582	3.2	135,775	138,722	2.2	99.6	100.6	1.0
Pittsfield, MA	7,132	7,284	2.1	6,711	6,798	1.3	106.3	107.1	0.8
Pocatello, ID	3,615	3,779	4.5	3,859	3,936	2.0	93.7	96.0	2.5
Portland-South Portland, ME	30,997	32,310	4.2	27,821	28,614	2.9	111.4	112.9	1.3
Portland-Vancouver-Hillsboro, OR-WA	143,215	149,347	4.3	127,629	130,668	2.4	112.2	114.3	1.9
Port St. Lucie, FL	26,163	27,250	4.2	24,917	25,777	3.5	105.0	105.7	0.7
Poughkeepsie-Newburgh-Middletown, NY	36,054	37,859	5.0	28,502	29,307	2.8	126.5	129.2	2.1
Prescott Valley-Prescott, AZ	9,372	9,731	3.8	9,211	9,426	2.3	101.7	103.2	1.5
Providence-Warwick, RI-MA	87,982	91,200	3.7	81,697	83,473	2.2	107.7	109.3	1.5
Provo-Orem, UT	26,093	27,825	6.6	25,412	26,546	4.5	102.7	104.8	2.0
Pueblo, CO	6,579	6,852	4.2	6,850	7,034	2.7	96.0	97.4	1.5
Punta Gorda, FL	7,726	8,084	4.6	7,480	7,728	3.3	103.3	104.6	1.3
Racine, WI	9,761	9,981	2.3	9,852	9,968	1.2	99.1	100.1	1.0
Raleigh-Cary, NC	76,531	80,458	5.1	73,915	76,888	4.0	103.5	104.6	1.1
Rapid City, SD	7,027	7,295	3.8	7,353	7,514	2.2	95.6	97.1	1.6
Reading, PA	20,791	21,605	3.9	20,244	20,762	2.6	102.7	104.1	1.4
Redding, CA	8,373	8,723	4.2	7,982	8,172	2.4	104.9	106.7	1.7
Reno, NV	28,990	30,121	3.9	27,667	28,112	1.6	104.8	107.1	2.2
Richmond, VA	73,179	75,742	3.5	71,029	72,580	2.2	103.0	104.4	1.4
Riverside-San Bernardino-Ontario, CA	186,262	196,453	5.5	162,107	168,144	3.7	114.9	116.8	1.7
Roanoke, VA	14,741	15,152	2.8	15,188	15,257	0.5	97.1	99.3	2.3
Rochester, MN	12,072	12,439	3.0	12,056	12,291	2.0	100.1	101.2	1.1
Rochester, NY	54,776	56,937	3.9	52,595	53,836	2.4	104.1	105.8	1.6
Rockford, IL	14,843	15,052	1.4	15,834	15,899	0.4	93.7	94.7	1.1
Rocky Mount, NC	5,831	6,041	3.6	6,429	6,558	2.0	90.7	92.1	1.5
Rome, GA	3,760	3,872	3.0	4,219	4,240	0.5	89.1	91.3	2.5
Sacramento-Roseville-Folsom, CA	132,324	139,089	5.1	118,071	121,377	2.8	112.1	114.6	2.2
Saginaw, MI	7,540	7,723	2.4	8,094	8,278	2.3	93.2	93.3	0.1
St. Cloud, MN	9,256	9,580	3.5	9,507	9,750	2.5	97.4	98.3	0.9
St. George, UT	6,872	7,260	5.6	6,786	7,067	4.1	101.3	102.7	1.4

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	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
St. Joseph, MO-KS	4,841	5,026	3.8	5,295	5,416	2.3	91.4	92.8	1.5
St. Louis, MO-IL	154,996	159,567	2.9	159,113	162,585	2.2	97.4	98.1	0.7
Salem, OR	18,520	19,399	4.7	17,509	18,005	2.8	105.8	107.7	1.8
Salinas, CA	24,576	25,973	5.7	20,715	21,407	3.3	118.6	121.3	2.3
Salisbury, MD-DE	19,924	20,567	3.2	20,827	20,986	0.8	95.7	98.0	2.4
Salt Lake City, UT	63,554	67,120	5.6	60,420	62,524	3.5	105.2	107.4	2.1
San Angelo, TX	5,785	6,017	4.0	5,907	6,053	2.5	97.9	99.4	1.5
San Antonio-New Braunfels, TX	118,959	124,192	4.4	118,977	122,309	2.8	100.0	101.5	1.5
San Diego-Chula Vista-Carlsbad, CA	203,856	212,749	4.4	161,207	165,722	2.8	126.5	128.4	1.5
San Francisco-Oakland-Berkeley, CA	473,747	496,467	4.8	329,704	339,119	2.9	143.7	146.4	1.9
San Jose-Sunnyvale-Santa Clara, CA	216,457	227,095	4.9	157,469	164,664	4.6	137.5	137.9	0.3
San Luis Obispo-Paso Robles, CA	16,465	17,271	4.9	14,009	14,389	2.7	117.5	120.0	2.1
Santa Cruz-Watsonville, CA	18,697	19,560	4.6	14,020	14,646	4.5	133.4	133.6	0.1
Santa Fe, NM	8,790	9,063	3.1	8,431	8,581	1.8	104.3	105.6	1.2
Santa Maria-Santa Barbara, CA	28,224	29,503	4.5	23,462	24,164	3.0	120.3	122.1	1.5
Santa Rosa-Petaluma, CA	31,612	32,972	4.3	24,293	25,111	3.4	130.1	131.3	0.9
Savannah, GA	18,319	18,830	2.8	18,112	18,304	1.1	101.1	102.9	1.8
Scranton-Wilkes-Barre, PA	25,536	26,246	2.8	26,016	26,341	1.3	98.2	99.6	1.4
Seattle-Tacoma-Bellevue, WA	294,410	310,718	5.5	241,375	249,215	3.2	122.0	124.7	2.2
Sebastian-Vero Beach, FL	12,473	12,925	3.6	12,500	12,790	2.3	99.8	101.1	1.3
Sebring-Avon Park, FL	3,520	3,663	4.0	3,819	3,868	1.3	92.2	94.7	2.7
Sheboygan, WI	6,138	6,309	2.8	6,462	6,542	1.2	95.0	96.4	1.5
Sherman-Denison, TX	5,683	5,991	5.4	5,849	6,050	3.4	97.2	99.0	1.9
Shreveport-Bossier City, LA	18,673	19,068	2.1	19,883	20,080	1.0	93.9	95.0	1.2
Sierra Vista-Douglas, AZ	5,045	5,259	4.2	5,311	5,469	3.0	95.0	96.2	1.3
Sioux City, IA-NE-SD	7,364	7,644	3.8	7,754	7,950	2.5	95.0	96.2	1.3
Sioux Falls, SD	15,891	16,631	4.7	16,247	16,742	3.0	97.8	99.3	1.5
South Bend-Mishawaka, IN-MI	15,264	15,545	1.8	16,188	16,174	-0.1	94.3	96.1	1.9
Spartanburg, SC	13,525	14,125	4.4	14,100	14,498	2.8	95.9	97.4	1.6
Spokane-Spokane Valley, WA	25,876	27,191	5.1	24,980	25,889	3.6	103.6	105.0	1.4
Springfield, IL	9,971	10,199	2.3	10,358	10,528	1.6	96.3	96.9	0.6
Springfield, MA	36,629	37,643	2.8	34,863	35,518	1.9	105.1	106.0	0.9
Springfield, MO	19,230	20,037	4.2	20,790	21,421	3.0	92.5	93.5	1.1
Springfield, OH	5,457	5,606	2.7	5,956	6,103	2.5	91.6	91.9	0.3
State College, PA	7,458	7,724	3.6	6,895	7,092	2.9	108.2	108.9	0.6
Staunton, VA	5,437	5,621	3.4	5,872	5,854	-0.3	92.6	96.0	3.7
Stockton, CA	33,634	35,927	6.8	30,891	32,293	4.5	108.9	111.3	2.2
Sumter, SC	5,233	5,434	3.9	5,716	5,847	2.3	91.6	92.9	1.4
Syracuse, NY	32,484	33,760	3.9	31,561	32,290	2.3	102.9	104.6	1.7
Tallahassee, FL	16,529	17,128	3.6	16,514	16,914	2.4	100.1	101.3	1.2
Tampa-St. Petersburg-Clearwater, FL	149,314	156,253	4.6	141,520	145,247	2.6	105.5	107.6	2.0
Terre Haute, IN	7,021	7,241	3.1	7,593	7,790	2.6	92.5	92.9	0.4
Texarkana, TX-AR	5,637	5,788	2.7	6,143	6,268	2.0	91.8	92.4	0.7
The Villages, FL	6,097	6,407	5.1	6,022	6,145	2.0	101.2	104.3	3.1
Toledo, OH	30,173	31,019	2.8	32,472	33,065	1.8	92.9	93.8	1.0
Topeka, KS	10,737	11,000	2.4	11,314	11,501	1.6	94.9	95.6	0.7
Trenton-Princeton, NJ	25,435	26,378	3.7	22,256	22,811	2.5	114.3	115.6	1.1
Tucson, AZ	45,624	47,605	4.3	45,564	46,981	3.1	100.1	101.3	1.2
Tulsa, OK	54,498	56,462	3.6	57,145	58,513	2.4	95.4	96.5	1.2
Tuscaloosa, AL	9,655	10,016	3.7	10,395	10,669	2.6	92.9	93.9	1.1
Twin Falls, ID	4,397	4,663	6.1	4,576	4,807	5.1	96.1	97.0	0.9
Tyler, TX	12,701	13,102	3.2	12,878	13,103	1.7	98.6	100.0	1.4
Urban Honolulu, HI	58,129	59,618	2.6	43,733	44,243	1.2	132.9	134.7	1.4
Utica-Rome, NY	12,808	13,383	4.5	12,879	13,253	2.9	99.4	101.0	1.6
Valdosta, GA	5,325	5,542	4.1	5,938	5,961	0.4	89.7	93.0	3.7
Vallejo, CA	22,623	23,951	5.9	17,812	18,594	4.4	127.0	128.8	1.4
Victoria, TX	4,650	4,856	4.4	4,700	4,895	4.1	98.9	99.2	0.3
Vineland-Bridgeton, NJ	5,963	6,166	3.4	5,719	5,818	1.7	104.3	106.0	1.6
Virginia Beach-Norfolk-Newport News, VA-NC	88,812	92,002	3.6	85,409	87,608	2.6	104.0	105.0	1.0
Visalia, CA	18,679	19,974	6.9	18,349	19,272	5.0	101.8	103.6	1.8
Waco, TX	11,126	11,429	2.7	11,640	11,816	1.5	95.6	96.7	1.2

Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2018–2019

	Personal income (millions of dollars)			Real personal income (millions of chained (2012) dollars)			Implicit regional price deflators ¹		
	2018	2019	Percent change	2018	2019	Percent change	2018	2019	Percent change
Walla Walla, WA	2,814	2,943	4.6	2,686	2,781	3.5	104.8	105.9	1.0
Warner Robins, GA	7,662	8,039	4.9	8,023	8,240	2.7	95.5	97.6	2.2
Washington-Arlington-Alexandria, DC-VA-MD-WV	451,968	467,176	3.4	360,268	365,554	1.5	125.5	127.8	1.8
Waterloo-Cedar Falls, IA	7,855	8,026	2.2	8,176	8,290	1.4	96.1	96.8	0.7
Watertown-Fort Drum, NY	5,235	5,422	3.6	4,997	5,141	2.9	104.8	105.5	0.7
Wausau-Weston, WI	8,103	8,376	3.4	8,489	8,719	2.7	95.4	96.1	0.7
Weirton-Steubenville, WV-OH	4,753	4,893	2.9	5,278	5,348	1.3	90.1	91.5	1.6
Wenatchee, WA	5,924	6,155	3.9	5,506	5,679	3.1	107.6	108.4	0.7
Wheeling, WV-OH	6,887	6,850	-0.5	7,557	7,314	-3.2	91.1	93.7	2.9
Wichita, KS	32,125	33,374	3.9	33,847	34,867	3.0	94.9	95.7	0.8
Wichita Falls, TX	6,530	6,793	4.0	6,997	7,218	3.2	93.3	94.1	0.9
Williamsport, PA	4,961	5,092	2.6	5,044	5,084	0.8	98.4	100.2	1.8
Wilmington, NC	13,130	13,679	4.2	13,081	13,302	1.7	100.4	102.8	2.4
Winchester, VA-WV	6,710	6,978	4.0	6,709	6,926	3.2	100.0	100.8	0.8
Winston-Salem, NC	29,867	31,032	3.9	31,386	32,125	2.4	95.2	96.6	1.5
Worcester, MA-CT	52,207	54,204	3.8	47,045	48,303	2.7	111.0	112.2	1.1
Yakima, WA	11,001	11,479	4.3	10,885	11,184	2.7	101.1	102.6	1.5
York-Hanover, PA	22,342	23,165	3.7	21,715	22,188	2.2	102.9	104.4	1.5
Youngstown-Warren-Boardman, OH-PA	22,743	23,141	1.8	24,687	24,970	1.1	92.1	92.7	0.7
Yuba City, CA	7,593	8,041	5.9	7,284	7,598	4.3	104.2	105.8	1.5
Yuma, AZ	7,409	7,818	5.5	7,817	8,174	4.6	94.8	95.7	0.9
Maximum	1,475,920	1,534,294	7.8	1,097,259	1,121,369	7.6	143.7	146.4	3.7
Minimum	2,668	2,741	-0.8	2,686	2,781	-3.2	82.5	84.7	-1.2
Range	1,473,252	1,531,553	8.6	1,094,573	1,118,589	10.8	61.2	61.7	4.9

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 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
United States	54,606	56,490	3.5	50,450	51,424	1.9
United States nonmetropolitan portion	41,569	43,035	3.5	44,352	45,541	2.7
Metropolitan statistical areas						
Abilene, TX	43,585	45,552	4.5	44,758	46,336	3.5
Akron, OH	49,556	51,095	3.1	51,168	52,131	1.9
Albany, GA	38,034	39,922	5.0	42,784	44,279	3.5
Albany-Lebanon, OR	43,327	44,830	3.5	41,285	42,018	1.8
Albany-Schenectady-Troy, NY	58,443	60,767	4.0	54,851	56,206	2.5
Albuquerque, NM	42,469	43,986	3.6	42,287	43,146	2.0
Alexandria, LA	43,015	44,446	3.3	46,826	47,769	2.0
Allentown-Bethlehem-Easton, PA-NJ	53,538	55,675	4.0	50,420	51,833	2.8
Altoona, PA	46,539	48,277	3.7	48,203	49,231	2.1
Amarillo, TX	46,374	48,065	3.6	47,258	48,369	2.4
Ames, IA	43,785	44,952	2.7	44,321	44,985	1.5
Anchorage, AK	61,825	64,350	4.1	53,493	55,461	3.7
Ann Arbor, MI	58,823	60,843	3.4	54,504	55,559	1.9
Anniston-Oxford, AL	36,988	38,394	3.8	41,765	42,818	2.5
Appleton, WI	51,042	52,686	3.2	53,148	54,400	2.4
Asheville, NC	45,759	47,432	3.7	45,656	46,595	2.1
Athens-Clarke County, GA	40,692	41,495	2.0	41,607	41,863	0.6
Atlanta-Sandy Springs-Alpharetta, GA	53,188	54,557	2.6	50,795	51,187	0.8
Atlantic City-Hammonton, NJ	48,548	50,631	4.3	45,761	47,138	3.0
Auburn-Opelika, AL	38,378	39,781	3.7	42,007	42,908	2.1
Augusta-Richmond County, GA-SC	42,075	43,638	3.7	44,154	44,898	1.7
Austin-Round Rock-Georgetown, TX	59,638	61,977	3.9	55,946	57,297	2.4
Bakersfield, CA	39,794	41,843	5.1	38,176	39,604	3.7
Baltimore-Columbia-Towson, MD	62,013	63,988	3.2	54,505	55,552	1.9
Bangor, ME	41,615	43,136	3.7	39,955	40,729	1.9
Barnstable Town, MA	74,714	77,435	3.6	65,664	66,933	1.9
Baton Rouge, LA	48,159	49,439	2.7	49,277	50,186	1.8
Battle Creek, MI	39,160	40,257	2.8	41,724	42,510	1.9
Bay City, MI	42,367	43,657	3.0	46,270	46,671	0.9
Beaumont-Port Arthur, TX	44,138	45,219	2.4	47,000	47,560	1.2
Beckley, WV	39,312	41,128	4.6	47,664	48,579	1.9
Bellingham, WA	49,464	50,915	2.9	45,641	46,024	0.8
Bend, OR	55,612	56,447	1.5	50,375	50,578	0.4
Billings, MT	52,502	53,960	2.8	51,885	52,500	1.2
Binghamton, NY	44,427	46,484	4.6	43,500	44,959	3.4
Birmingham-Hoover, AL	51,723	53,374	3.2	54,764	55,530	1.4
Bismarck, ND	56,743	58,254	2.7	57,111	58,208	1.9
Blacksburg-Christiansburg, VA	38,421	39,517	2.9	40,078	40,247	0.4
Bloomington, IL	49,236	49,602	0.7	49,973	49,749	-0.4
Bloomington, IN	41,888	43,411	3.6	42,658	43,561	2.1
Bloomsburg-Berwick, PA	45,625	47,097	3.2	46,202	46,760	1.2
Boise City, ID	46,664	47,881	2.6	46,803	46,963	0.3
Boston-Cambridge-Newton, MA-NH	78,923	81,498	3.3	63,937	64,783	1.3
Boulder, CO	73,518	76,527	4.1	64,488	65,888	2.2
Bowling Green, KY	36,186	37,114	2.6	39,997	40,254	0.6
Bremerton-Silverdale-Port Orchard, WA	56,297	58,874	4.6	48,604	49,736	2.3
Bridgeport-Stamford-Norwalk, CT	117,432	121,397	3.4	96,636	99,168	2.6
Brownsville-Harlingen, TX	28,940	29,928	3.4	32,733	33,425	2.1
Brunswick, GA	41,967	42,885	2.2	44,326	44,846	1.2
Buffalo-Cheektowaga, NY	50,261	52,331	4.1	49,711	50,855	2.3
Burlington, NC	39,940	41,193	3.1	41,615	42,263	1.6
Burlington-South Burlington, VT	57,041	58,662	2.8	49,956	50,730	1.5
California-Lexington Park, MD	56,815	58,582	3.1	53,787	55,833	3.8
Canton-Massillon, OH	44,670	46,061	3.1	48,319	49,651	2.8
Cape Coral-Fort Myers, FL	51,093	52,064	1.9	48,747	48,961	0.4

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
Cape Girardeau, MO-IL	42,894	44,571	3.9	47,381	48,327	2.0
Carbondale-Marion, IL	40,476	41,733	3.1	45,008	46,067	2.4
Carson City, NV	50,797	52,470	3.3	49,148	49,774	1.3
Casper, WY	71,324	72,187	1.2	70,572	71,287	1.0
Cedar Rapids, IA	52,261	53,143	1.7	55,113	55,202	0.2
Chambersburg-Waynesboro, PA	46,298	47,934	3.5	45,881	46,679	1.7
Champaign-Urbana, IL	45,331	46,616	2.8	45,908	47,044	2.5
Charleston, WV	44,198	45,276	2.4	47,697	48,377	1.4
Charleston-North Charleston, SC	51,202	53,119	3.7	49,340	50,249	1.8
Charlotte-Concord-Gastonia, NC-SC	52,295	53,916	3.1	51,793	52,427	1.2
Charlottesville, VA	67,735	69,003	1.9	63,795	64,141	0.5
Chattanooga, TN-GA	46,055	47,376	2.9	48,678	48,877	0.4
Cheyenne, WY	52,655	54,113	2.8	52,325	53,766	2.8
Chicago-Naperville-Elgin, IL-IN-WI	61,642	63,500	3.0	55,827	56,747	1.6
Chico, CA	44,576	47,860	7.4	41,362	43,701	5.7
Cincinnati, OH-KY-IN	54,055	56,033	3.7	55,508	56,825	2.4
Clarksville, TN-KY	40,488	41,881	3.4	42,659	43,598	2.2
Cleveland, TN	38,594	39,839	3.2	42,498	42,781	0.7
Cleveland-Elyria, OH	53,770	55,451	3.1	55,540	56,639	2.0
Coeur d'Alene, ID	45,409	46,645	2.7	44,884	45,808	2.1
College Station-Bryan, TX	40,498	41,742	3.1	40,894	42,014	2.7
Colorado Springs, CO	49,007	51,120	4.3	46,351	47,299	2.0
Columbia, MO	45,512	47,482	4.3	47,532	48,499	2.0
Columbia, SC	44,915	46,523	3.6	45,645	46,766	2.5
Columbus, GA-AL	40,980	42,183	2.9	42,985	43,724	1.7
Columbus, IN	51,234	52,546	2.6	53,406	54,385	1.8
Columbus, OH	51,114	52,477	2.7	51,925	52,604	1.3
Corpus Christi, TX	43,677	45,140	3.3	44,006	44,855	1.9
Corvallis, OR	47,070	48,725	3.5	42,410	43,493	2.6
Crestview-Fort Walton Beach-Destin, FL	53,010	54,270	2.4	52,355	52,727	0.7
Cumberland, MD-WV	39,757	41,195	3.6	43,091	45,186	4.9
Dallas-Fort Worth-Arlington, TX	56,864	58,725	3.3	52,596	53,318	1.4
Dalton, GA	36,697	37,444	2.0	40,445	40,104	-0.8
Danville, IL	39,177	40,109	2.4	46,225	46,569	0.7
Daphne-Fairhope-Foley, AL	46,205	47,485	2.8	48,008	48,325	0.7
Davenport-Moline-Rock Island, IA-IL	49,118	50,502	2.8	51,702	52,531	1.6
Dayton-Kettering, OH	47,801	49,161	2.8	50,585	51,554	1.9
Decatur, AL	38,894	40,295	3.6	43,738	44,209	1.1
Decatur, IL	48,206	48,764	1.2	52,825	52,692	-0.3
Deltona-Daytona Beach-Ormond Beach, FL	43,467	44,762	3.0	42,284	42,910	1.5
Denver-Aurora-Lakewood, CO	64,690	67,236	3.9	57,699	59,283	2.7
Des Moines-West Des Moines, IA	53,884	55,039	2.1	54,310	54,771	0.8
Detroit-Warren-Dearborn, MI	52,572	54,172	3.0	51,420	52,180	1.5
Dothan, AL	41,761	43,143	3.3	46,683	47,397	1.5
Dover, DE	41,638	43,097	3.5	42,121	42,804	1.6
Dubuque, IA	50,120	51,525	2.8	52,247	53,095	1.6
Duluth, MN-WI	46,004	47,654	3.6	47,793	48,894	2.3
Durham-Chapel Hill, NC	52,727	54,423	3.2	51,848	52,751	1.7
East Stroudsburg, PA	42,267	43,823	3.7	40,789	40,904	0.3
Eau Claire, WI	47,600	48,956	2.8	49,749	50,490	1.5
El Centro, CA	37,587	40,447	7.6	38,555	41,090	6.6
Elizabethtown-Fort Knox, KY	41,460	43,076	3.9	45,160	45,750	1.3
Elkhart-Goshen, IN	46,354	46,975	1.3	48,785	48,600	-0.4
Elmira, NY	44,510	46,421	4.3	43,710	44,910	2.7
El Paso, TX	36,279	37,633	3.7	38,430	39,426	2.6
Enid, OK	43,667	44,899	2.8	45,725	46,701	2.1
Erie, PA	45,038	46,379	3.0	45,759	46,640	1.9
Eugene-Springfield, OR	46,124	47,340	2.6	43,326	43,729	0.9

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
Evansville, IN-KY	47,067	48,896	3.9	49,915	51,329	2.8
Fairbanks, AK	57,720	59,958	3.9	49,815	51,551	3.5
Fargo, ND-MN	53,315	54,932	3.0	54,475	55,708	2.3
Farmington, NM	35,278	35,999	2.0	36,205	36,608	1.1
Fayetteville, NC	36,874	38,204	3.6	38,741	39,428	1.8
Fayetteville-Springdale-Rogers, AR	66,909	67,771	1.3	70,773	70,600	-0.2
Flagstaff, AZ	48,870	49,189	0.7	46,379	45,471	-2.0
Flint, MI	40,618	41,929	3.2	42,425	43,406	2.3
Florence, SC	40,598	42,439	4.5	43,555	44,535	2.3
Florence-Muscle Shoals, AL	37,797	39,102	3.5	43,123	44,492	3.2
Fond du Lac, WI	48,311	49,949	3.4	51,407	52,257	1.7
Fort Collins, CO	54,207	55,884	3.1	49,856	50,337	1.0
Fort Smith, AR-OK	37,120	38,382	3.4	41,722	42,504	1.9
Fort Wayne, IN	46,478	47,516	2.2	48,935	49,538	1.2
Fresno, CA	43,438	45,487	4.7	41,659	42,858	2.9
Gadsden, AL	37,245	38,326	2.9	42,457	42,828	0.9
Gainesville, FL	43,291	44,880	3.7	42,841	43,677	2.0
Gainesville, GA	44,442	45,576	2.6	45,702	45,883	0.4
Gettysburg, PA	48,379	50,182	3.7	47,184	48,228	2.2
Glens Falls, NY	46,633	48,823	4.7	45,053	46,444	3.1
Goldsboro, NC	38,425	39,894	3.8	41,188	42,063	2.1
Grand Forks, ND-MN	50,258	51,950	3.4	51,615	53,397	3.5
Grand Island, NE	43,859	45,487	3.7	48,208	48,835	1.3
Grand Junction, CO	45,405	46,719	2.9	45,494	45,804	0.7
Grand Rapids-Kentwood, MI	49,054	50,330	2.6	49,675	50,225	1.1
Grants Pass, OR	41,909	43,554	3.9	41,457	41,869	1.0
Great Falls, MT	47,889	49,803	4.0	48,611	49,776	2.4
Greeley, CO	48,035	50,198	4.5	46,190	47,059	1.9
Green Bay, WI	51,575	52,981	2.7	53,586	54,239	1.2
Greensboro-High Point, NC	43,437	44,859	3.3	45,113	45,785	1.5
Greenville, NC	41,841	43,325	3.5	44,826	45,521	1.6
Greenville-Anderson, SC	44,269	45,436	2.6	45,697	46,027	0.7
Gulfport-Biloxi, MS	36,827	37,792	2.6	39,407	39,795	1.0
Hagerstown-Martinsburg, MD-WV	43,824	45,281	3.3	42,408	43,231	1.9
Hammond, LA	37,713	38,800	2.9	41,101	41,296	0.5
Hanford-Corcoran, CA	36,961	39,433	6.7	35,725	38,051	6.5
Harrisburg-Carlisle, PA	52,209	53,871	3.2	50,652	51,609	1.9
Harrisonburg, VA	40,328	41,312	2.4	41,468	41,304	-0.4
Hartford-East Hartford-Middletown, CT	63,446	65,132	2.7	57,565	58,377	1.4
Hattiesburg, MS	38,306	39,018	1.9	42,585	42,328	-0.6
Hickory-Lenoir-Morganton, NC	39,527	40,826	3.3	42,129	42,907	1.8
Hilton Head Island-Bluffton, SC	53,610	55,551	3.6	52,416	53,617	2.3
Hinesville, GA	34,371	34,962	1.7	34,979	35,060	0.2
Homosassa Springs, FL	38,021	39,055	2.7	39,943	40,261	0.8
Hot Springs, AR	39,578	41,069	3.8	43,260	44,354	2.5
Houma-Thibodaux, LA	42,584	43,927	3.2	44,839	45,813	2.2
Houston-The Woodlands-Sugar Land, TX	57,154	58,890	3.0	52,341	53,173	1.6
Huntington-Ashland, WV-KY-OH	40,368	41,368	2.5	43,928	44,407	1.1
Huntsville, AL	50,199	52,110	3.8	52,859	53,777	1.7
Idaho Falls, ID	46,113	47,443	2.9	47,235	47,891	1.4
Indianapolis-Carmel-Anderson, IN	54,778	56,360	2.9	55,871	56,817	1.7
Iowa City, IA	54,803	55,834	1.9	54,614	55,217	1.1
Ithaca, NY	45,120	46,496	3.0	39,963	40,536	1.4
Jackson, MI	39,173	40,387	3.1	41,601	42,364	1.8
Jackson, MS	43,496	44,734	2.8	45,749	46,849	2.4
Jackson, TN	40,178	41,794	4.0	46,329	47,581	2.7
Jacksonville, FL	50,321	51,421	2.2	49,182	49,477	0.6
Jacksonville, NC	46,377	47,525	2.5	46,960	47,643	1.5

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
Janesville-Beloit, WI	44,295	46,236	4.4	46,034	47,417	3.0
Jefferson City, MO	42,199	44,141	4.6	47,873	48,740	1.8
Johnson City, TN	40,256	41,209	2.4	43,954	44,381	1.0
Johnstown, PA	43,445	45,107	3.8	47,159	48,682	3.2
Jonesboro, AR	36,515	38,122	4.4	40,974	41,816	2.1
Joplin, MO	40,320	41,423	2.7	44,228	45,521	2.9
Kahului-Wailuku-Lahaina, HI	49,157	51,348	4.5	40,882	41,633	1.8
Kalamazoo-Portage, MI	48,279	49,493	2.5	49,915	50,624	1.4
Kankakee, IL	41,387	42,687	3.1	41,611	42,189	1.4
Kansas City, MO-KS	53,484	55,009	2.9	53,736	54,443	1.3
Kennewick-Richland, WA	44,548	46,231	3.8	42,336	43,042	1.7
Killeen-Temple, TX	41,661	42,855	2.9	43,396	44,172	1.8
Kingsport-Bristol, TN-VA	40,195	40,918	1.8	44,377	44,484	0.2
Kingston, NY	50,590	53,006	4.8	45,930	47,425	3.3
Knoxville, TN	46,360	47,550	2.6	49,061	49,374	0.6
Kokomo, IN	42,140	42,911	1.8	45,854	46,135	0.6
La Crosse-Onalaska, WI-MN	50,445	52,035	3.2	51,573	52,603	2.0
Lafayette, LA	43,518	44,512	2.3	47,183	47,738	1.2
Lafayette-West Lafayette, IN	39,645	40,164	1.3	41,163	41,063	-0.2
Lake Charles, LA	48,547	49,642	2.3	51,301	51,432	0.3
Lake Havasu City-Kingman, AZ	33,354	34,393	3.1	34,740	35,370	1.8
Lakeland-Winter Haven, FL	35,789	36,649	2.4	35,818	36,017	0.6
Lancaster, PA	52,591	54,314	3.3	49,843	50,853	2.0
Lansing-East Lansing, MI	41,202	42,495	3.1	42,184	43,176	2.4
Laredo, TX	31,491	32,466	3.1	33,848	34,646	2.4
Las Cruces, NM	36,192	37,756	4.3	38,885	40,445	4.0
Las Vegas-Henderson-Paradise, NV	47,759	48,806	2.2	46,277	46,273	0.0
Lawrence, KS	43,939	45,163	2.8	44,634	45,530	2.0
Lawton, OK	40,845	42,692	4.5	43,238	44,780	3.6
Lebanon, PA	47,557	48,924	2.9	46,428	46,932	1.1
Lewiston, ID-WA	46,235	47,650	3.1	47,770	48,207	0.9
Lewiston-Auburn, ME	41,375	42,968	3.9	40,137	41,060	2.3
Lexington-Fayette, KY	48,023	49,606	3.3	49,781	50,297	1.0
Lima, OH	42,575	43,788	2.8	47,250	47,850	1.3
Lincoln, NE	49,548	50,833	2.6	50,776	51,384	1.2
Little Rock-North Little Rock-Conway, AR	45,070	46,560	3.3	47,461	48,746	2.7
Logan, UT-ID	39,861	41,370	3.8	40,803	41,798	2.4
Longview, TX	41,805	42,953	2.7	43,718	44,263	1.2
Longview, WA	44,923	46,503	3.5	43,646	44,297	1.5
Los Angeles-Long Beach-Anaheim, CA	63,886	66,684	4.4	50,299	51,566	2.5
Louisville/Jefferson County, KY-IN	50,437	52,134	3.4	52,508	53,433	1.8
Lubbock, TX	42,854	44,169	3.1	43,696	44,583	2.0
Lynchburg, VA	40,394	41,265	2.2	42,200	41,994	-0.5
Macon-Bibb County, GA	40,967	42,191	3.0	43,792	44,315	1.2
Madera, CA	39,094	41,267	5.6	38,457	40,000	4.0
Madison, WI	59,591	62,087	4.2	57,617	59,161	2.7
Manchester-Nashua, NH	61,111	63,218	3.4	52,699	53,964	2.4
Manhattan, KS	45,181	47,072	4.2	46,112	47,764	3.6
Mankato, MN	46,614	48,219	3.4	47,426	48,369	2.0
Mansfield, OH	39,393	40,507	2.8	43,411	44,454	2.4
McAllen-Edinburg-Mission, TX	26,615	27,415	3.0	30,208	30,619	1.4
Medford, OR	46,661	48,291	3.5	44,349	45,148	1.8
Memphis, TN-MS-AR	46,677	47,985	2.8	48,567	49,198	1.3
Merced, CA	39,018	41,077	5.3	37,986	39,030	2.7
Miami-Fort Lauderdale-Pompano Beach, FL	59,151	60,966	3.1	49,634	50,120	1.0
Michigan City-La Porte, IN	42,363	43,910	3.7	46,302	47,659	2.9
Midland, MI	54,371	55,972	2.9	56,070	57,716	2.9
Midland, TX	127,283	128,766	1.2	120,489	119,691	-0.7

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
Milwaukee-Waukesha, WI	57,034	58,457	2.5	56,094	56,740	1.2
Minneapolis-St. Paul-Bloomington, MN-WI	62,914	64,255	2.1	57,010	57,363	0.6
Missoula, MT	49,798	51,090	2.6	49,005	49,205	0.4
Mobile, AL	38,709	40,025	3.4	42,266	43,108	2.0
Modesto, CA	43,631	45,742	4.8	40,579	41,590	2.5
Monroe, LA	40,812	41,825	2.5	45,473	46,111	1.4
Monroe, MI	46,881	48,581	3.6	47,949	49,353	2.9
Montgomery, AL	43,365	44,870	3.5	46,145	46,948	1.7
Morgantown, WV	43,231	44,458	2.8	44,661	45,475	1.8
Morristown, TN	36,425	37,452	2.8	41,490	41,349	-0.3
Mount Vernon-Anacortes, WA	52,072	54,505	4.7	47,725	49,349	3.4
Muncie, IN	36,942	38,129	3.2	40,052	40,847	2.0
Muskegon, MI	38,289	39,637	3.5	41,112	41,969	2.1
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	39,355	40,494	2.9	39,927	40,324	1.0
Napa, CA	72,043	75,717	5.1	55,562	57,560	3.6
Naples-Marco Island, FL	98,303	99,382	1.1	90,233	90,469	0.3
Nashville-Davidson--Murfreesboro--Franklin, TN	58,779	60,680	3.2	58,167	59,013	1.5
New Bern, NC	43,517	45,788	5.2	48,091	49,177	2.3
New Haven-Milford, CT	55,779	57,748	3.5	48,564	49,954	2.9
New Orleans-Metairie, LA	52,963	54,363	2.6	52,885	53,623	1.4
New York-Newark-Jersey City, NY-NJ-PA	76,565	79,844	4.3	56,922	58,355	2.5
Niles, MI	47,461	48,237	1.6	50,886	51,588	1.4
North Port-Sarasota-Bradenton, FL	57,104	58,081	1.7	53,016	52,895	-0.2
Norwich-New London, CT	57,912	59,717	3.1	52,428	53,520	2.1
Ocala, FL	37,219	38,293	2.9	38,117	38,370	0.7
Ocean City, NJ	60,264	62,734	4.1	55,208	56,560	2.4
Odessa, TX	48,449	50,161	3.5	48,143	48,427	0.6
Ogden-Clearfield, UT	44,096	46,123	4.6	43,882	44,907	2.3
Oklahoma City, OK	47,607	48,860	2.6	49,293	49,966	1.4
Olympia-Lacey-Tumwater, WA	50,469	52,828	4.7	43,504	44,720	2.8
Omaha-Council Bluffs, NE-IA	57,374	58,947	2.7	58,168	59,019	1.5
Orlando-Kissimmee-Sanford, FL	43,717	45,156	3.3	41,321	41,906	1.4
Oshkosh-Neenah, WI	47,974	49,276	2.7	49,953	50,778	1.7
Owensboro, KY	41,075	41,858	1.9	43,942	43,882	-0.1
Oxnard-Thousand Oaks-Ventura, CA	61,900	64,715	4.5	49,096	50,780	3.4
Palm Bay-Melbourne-Titusville, FL	45,959	47,911	4.2	44,530	45,488	2.2
Panama City, FL	43,188	45,690	5.8	42,530	43,880	3.2
Parkersburg-Vienna, WV	43,265	43,967	1.6	45,956	46,137	0.4
Pensacola-Ferry Pass-Brent, FL	43,471	44,947	3.4	43,885	44,611	1.7
Peoria, IL	48,408	49,097	1.4	51,353	51,655	0.6
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	64,228	66,596	3.7	56,819	58,099	2.3
Phoenix-Mesa-Chandler, AZ	46,539	48,065	3.3	44,173	44,743	1.3
Pine Bluff, AR	34,365	35,611	3.6	39,596	40,486	2.2
Pittsburgh, PA	58,206	60,227	3.5	58,457	59,856	2.4
Pittsfield, MA	56,651	58,299	2.9	53,304	54,409	2.1
Pocatello, ID	38,310	39,573	3.3	40,894	41,221	0.8
Portland-South Portland, ME	57,913	60,000	3.6	51,979	53,136	2.2
Portland-Vancouver-Hillsboro, OR-WA	57,903	59,921	3.5	51,602	52,426	1.6
Port St. Lucie, FL	54,373	55,691	2.4	51,784	52,683	1.7
Poughkeepsie-Newburgh-Middletown, NY	53,329	55,745	4.5	42,158	43,152	2.4
Prescott Valley-Prescott, AZ	40,435	41,393	2.4	39,744	40,094	0.9
Providence-Warwick, RI-MA	54,230	56,138	3.5	50,356	51,381	2.0
Provo-Orem, UT	41,212	42,923	4.2	40,137	40,949	2.0
Pueblo, CO	39,293	40,680	3.5	40,915	41,765	2.1
Punta Gorda, FL	41,795	42,793	2.4	40,464	40,907	1.1
Racine, WI	49,710	50,845	2.3	50,176	50,776	1.2
Raleigh-Cary, NC	56,207	57,851	2.9	54,286	55,284	1.8
Rapid City, SD	50,137	51,335	2.4	52,466	52,878	0.8

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
Reading, PA	49,439	51,299	3.8	48,139	49,298	2.4
Redding, CA	46,589	48,438	4.0	44,416	45,377	2.2
Reno, NV	61,900	63,328	2.3	59,076	59,104	0.0
Richmond, VA	57,124	58,628	2.6	55,446	56,181	1.3
Riverside-San Bernardino-Ontario, CA	40,382	42,242	4.6	35,145	36,155	2.9
Roanoke, VA	47,092	48,374	2.7	48,519	48,710	0.4
Rochester, MN	54,918	56,050	2.1	54,846	55,385	1.0
Rochester, NY	51,115	53,230	4.1	49,080	50,331	2.5
Rockford, IL	44,029	44,783	1.7	46,971	47,302	0.7
Rocky Mount, NC	39,917	41,444	3.8	44,011	44,988	2.2
Rome, GA	38,382	39,314	2.4	43,070	43,043	-0.1
Sacramento-Roseville-Folsom, CA	56,502	58,843	4.1	50,416	51,350	1.9
Saginaw, MI	39,521	40,533	2.6	42,423	43,444	2.4
St. Cloud, MN	46,240	47,436	2.6	47,498	48,274	1.6
St. George, UT	40,053	40,886	2.1	39,556	39,801	0.6
St. Joseph, MO-KS	38,418	40,135	4.5	42,027	43,251	2.9
St. Louis, MO-IL	55,277	56,923	3.0	56,746	57,999	2.2
Salem, OR	43,030	44,709	3.9	40,681	41,495	2.0
Salinas, CA	56,634	59,838	5.7	47,735	49,318	3.3
Salisbury, MD-DE	48,594	49,473	1.8	50,798	50,481	-0.6
Salt Lake City, UT	52,150	54,450	4.4	49,578	50,721	2.3
San Angelo, TX	47,875	49,308	3.0	48,886	49,604	1.5
San Antonio-New Braunfels, TX	47,349	48,684	2.8	47,356	47,946	1.2
San Diego-Chula Vista-Carlsbad, CA	61,147	63,729	4.2	48,354	49,642	2.7
San Francisco-Oakland-Berkeley, CA	100,236	104,921	4.7	69,759	71,668	2.7
San Jose-Sunnyvale-Santa Clara, CA	108,565	114,080	5.1	78,979	82,718	4.7
San Luis Obispo-Paso Robles, CA	58,108	61,004	5.0	49,439	50,826	2.8
Santa Cruz-Watsonville, CA	68,277	71,592	4.9	51,199	53,607	4.7
Santa Fe, NM	58,696	60,276	2.7	56,295	57,073	1.4
Santa Maria-Santa Barbara, CA	63,314	66,076	4.4	52,631	54,119	2.8
Santa Rosa-Petaluma, CA	63,397	66,700	5.2	48,718	50,798	4.3
Savannah, GA	47,038	47,869	1.8	46,505	46,534	0.1
Scranton-Wilkes-Barre, PA	45,993	47,385	3.0	46,857	47,557	1.5
Seattle-Tacoma-Bellevue, WA	74,815	78,073	4.4	61,338	62,619	2.1
Sebastian-Vero Beach, FL	79,353	80,818	1.8	79,523	79,974	0.6
Sebring-Avon Park, FL	33,548	34,480	2.8	36,393	36,415	0.1
Sheboygan, WI	53,263	54,703	2.7	56,074	56,720	1.2
Sherman-Denison, TX	42,480	43,987	3.5	43,722	44,412	1.6
Shreveport-Bossier City, LA	47,002	48,310	2.8	50,048	50,874	1.7
Sierra Vista-Douglas, AZ	39,911	41,766	4.6	42,016	43,431	3.4
Sioux City, IA-NE-SD	51,212	52,829	3.2	53,926	54,943	1.9
Sioux Falls, SD	60,237	62,003	2.9	61,587	62,417	1.3
South Bend-Mishawaka, IN-MI	47,300	48,035	1.6	50,163	49,979	-0.4
Spartanburg, SC	43,055	44,169	2.6	44,884	45,335	1.0
Spokane-Spokane Valley, WA	46,304	47,827	3.3	44,701	45,537	1.9
Springfield, IL	47,955	49,301	2.8	49,816	50,892	2.2
Springfield, MA	52,317	53,978	3.2	49,794	50,930	2.3
Springfield, MO	41,243	42,605	3.3	44,588	45,548	2.2
Springfield, OH	40,563	41,811	3.1	44,270	45,519	2.8
State College, PA	45,866	47,564	3.7	42,406	43,677	3.0
Staunton, VA	44,336	45,658	3.0	47,885	47,545	-0.7
Stockton, CA	44,697	47,139	5.5	41,052	42,371	3.2
Sumter, SC	37,335	38,687	3.6	40,781	41,625	2.1
Syracuse, NY	49,954	52,051	4.2	48,534	49,785	2.6
Tallahassee, FL	43,009	44,232	2.8	42,971	43,681	1.7
Tampa-St. Petersburg-Clearwater, FL	47,332	48,908	3.3	44,861	45,463	1.3
Terre Haute, IN	37,600	38,851	3.3	40,662	41,799	2.8
Texarkana, TX-AR	37,747	38,910	3.1	41,130	42,132	2.4

Table 5. Real Per Capita Personal Income by Metropolitan Area, 2018–2019

	Per capita personal income (dollars)			Real per capita personal income (chained (2012) dollars)		
	2018	2019	Percent change	2018	2019	Percent change
The Villages, FL	47,364	48,387	2.2	46,784	46,406	-0.8
Toledo, OH	46,919	48,330	3.0	50,493	51,518	2.0
Topeka, KS	46,229	47,418	2.6	48,714	49,580	1.8
Trenton-Princeton, NJ	69,080	71,790	3.9	60,449	62,084	2.7
Tucson, AZ	44,015	45,456	3.3	43,957	44,860	2.1
Tulsa, OK	54,875	56,540	3.0	57,540	58,593	1.8
Tuscaloosa, AL	38,429	39,738	3.4	41,371	42,328	2.3
Twin Falls, ID	39,937	41,899	4.9	41,560	43,197	3.9
Tyler, TX	55,281	56,292	1.8	56,052	56,297	0.4
Urban Honolulu, HI	59,324	61,174	3.1	44,632	45,398	1.7
Utica-Rome, NY	43,984	46,151	4.9	44,228	45,702	3.3
Valdosta, GA	36,438	37,623	3.3	40,632	40,471	-0.4
Vallejo, CA	50,756	53,505	5.4	39,962	41,537	3.9
Victoria, TX	46,748	48,681	4.1	47,254	49,074	3.9
Vineland-Bridgeton, NJ	39,587	41,237	4.2	37,966	38,911	2.5
Virginia Beach-Norfolk-Newport News, VA-NC	50,355	52,011	3.3	48,426	49,527	2.3
Visalia, CA	40,206	42,845	6.6	39,495	41,338	4.7
Waco, TX	40,990	41,723	1.8	42,886	43,137	0.6
Walla Walla, WA	46,429	48,444	4.3	44,316	45,764	3.3
Warner Robins, GA	41,896	43,358	3.5	43,871	44,442	1.3
Washington-Arlington-Alexandria, DC-VA-MD-WV	72,340	74,385	2.8	57,663	58,205	0.9
Waterloo-Cedar Falls, IA	46,499	47,623	2.4	48,395	49,194	1.7
Watertown-Fort Drum, NY	46,800	49,365	5.5	44,669	46,807	4.8
Wausau-Weston, WI	49,684	51,295	3.2	52,052	53,395	2.6
Weirton-Steubenville, WV-OH	40,634	42,158	3.8	45,121	46,073	2.1
Wenatchee, WA	49,575	51,023	2.9	46,074	47,075	2.2
Wheeling, WV-OH	49,171	49,301	0.3	53,955	52,635	-2.4
Wichita, KS	50,391	52,129	3.4	53,092	54,460	2.6
Wichita Falls, TX	43,256	44,910	3.8	46,351	47,724	3.0
Williamsport, PA	43,571	44,941	3.1	44,296	44,871	1.3
Wilmington, NC	44,618	45,975	3.0	44,452	44,708	0.6
Winchester, VA-WV	48,100	49,643	3.2	48,099	49,271	2.4
Winston-Salem, NC	44,502	45,904	3.2	46,766	47,521	1.6
Worcester, MA-CT	55,181	57,214	3.7	49,725	50,985	2.5
Yakima, WA	43,905	45,757	4.2	43,442	44,580	2.6
York-Hanover, PA	49,888	51,585	3.4	48,488	49,410	1.9
Youngstown-Warren-Boardman, OH-PA	42,255	43,167	2.2	45,867	46,579	1.6
Yuba City, CA	43,662	45,782	4.9	41,886	43,258	3.3
Yuma, AZ	35,012	36,570	4.4	36,939	38,232	3.5
Maximum	127,283	128,766	7.6	120,489	119,691	6.6
Minimum	26,615	27,415	0.3	30,208	30,619	-2.4
Range	100,668	101,351	7.3	90,281	89,072	9.0

Source. U.S. Bureau of Economic Analysis

Note. Per capita personal income uses Census Bureau midyear population estimates available as of March 2020.

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
United States ¹	100.0	98.8	102.0	100.0	
United States nonmetropolitan portion	86.8	95.0	62.0	93.7	
Metropolitan statistical areas					
Abilene, TX	90.3	96.0	80.1	91.2	
Akron, OH	90.0	95.9	76.2	92.2	
Albany, GA	82.8	96.0	51.7	95.1	
Albany-Lebanon, OR	98.0	102.8	90.4	97.7	
Albany-Schenectady-Troy, NY	99.3	98.9	102.8	97.9	
Albuquerque, NM	93.6	93.1	87.8	99.1	
Alexandria, LA	85.4	96.1	63.4	91.3	
Allentown-Bethlehem-Easton, PA-NJ	98.6	99.1	96.9	99.1	
Altoona, PA	90.1	98.9	64.5	97.9	
Amarillo, TX	91.3	96.3	82.8	91.3	
Ames, IA	91.8	93.9	89.3	91.1	
Anchorage, AK	106.6	101.5	127.8	101.0	
Ann Arbor, MI	100.6	97.7	115.4	95.7	
Anniston-Oxford, AL	82.4	96.8	51.0	90.5	
Appleton, WI	88.9	95.4	73.1	91.4	
Asheville, NC	93.5	95.3	88.0	95.1	
Athens-Clarke County, GA	91.0	96.4	76.8	95.1	
Atlanta-Sandy Springs-Alpharetta, GA	97.9	98.2	97.2	98.1	
Atlantic City-Hammonton, NJ	98.6	100.5	93.1	100.3	
Auburn-Opelika, AL	85.1	92.7	68.1	90.1	
Augusta-Richmond County, GA-SC	89.3	96.2	70.4	95.1	
Austin-Round Rock-Georgetown, TX	99.3	96.5	120.9	91.3	
Bakersfield, CA	97.0	98.2	88.4	102.2	
Baltimore-Columbia-Towson, MD	105.8	101.7	113.7	103.8	
Bangor, ME	97.3	99.1	86.6	103.8	
Barnstable Town, MA	106.3	99.1	123.3	103.8	
Baton Rouge, LA	90.5	95.6	81.3	91.2	
Battle Creek, MI	87.0	95.4	68.8	91.4	
Bay City, MI	85.9	95.4	63.5	91.4	
Beaumont-Port Arthur, TX	87.3	96.5	67.5	91.3	
Beckley, WV	77.8	92.4	44.0	95.0	
Bellingham, WA	101.6	98.2	107.1	102.2	
Bend, OR	102.5	102.8	109.0	97.7	
Billings, MT	94.4	93.6	89.9	98.4	
Binghamton, NY	95.0	98.9	83.6	97.9	
Birmingham-Hoover, AL	88.3	96.7	69.4	90.5	
Bismarck, ND	91.9	94.7	85.7	92.2	
Blacksburg-Christiansburg, VA	90.2	92.5	80.1	95.0	
Bloomington, IL	91.6	95.4	84.9	91.4	
Bloomington, IN	91.5	95.3	86.4	91.3	
Bloomsburg-Berwick, PA	92.5	98.9	72.7	97.9	
Boise City, ID	93.6	93.2	87.2	99.0	
Boston-Cambridge-Newton, MA-NH	115.5	103.7	143.6	111.3	
Boulder, CO	106.7	96.4	152.0	96.6	
Bowling Green, KY	84.7	92.5	62.9	90.3	
Bremerton-Silverdale-Port Orchard, WA	108.7	106.6	119.9	104.6	
Bridgeport-Stamford-Norwalk, CT	112.4	105.3	134.4	109.0	
Brownsville-Harlingen, TX	82.2	96.5	56.9	91.3	
Brunswick, GA	87.8	92.5	71.6	95.0	
Buffalo-Cheektowaga, NY	94.5	98.9	79.9	97.9	
Burlington, NC	89.5	96.6	70.2	95.1	
Burlington-South Burlington, VT	106.2	99.1	122.8	103.8	
California-Lexington Park, MD	96.4	92.5	105.7	95.0	
Canton-Massillon, OH	85.2	95.4	60.6	91.4	
Cape Coral-Fort Myers, FL	97.7	96.6	104.0	95.1	

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
Cape Girardeau, MO-IL	84.7	93.9	64.6	91.1	
Carbondale-Marion, IL	83.2	94.6	59.8	90.4	
Carson City, NV	96.8	97.7	99.5	93.9	
Casper, WY	93.0	93.0	84.8	99.2	
Cedar Rapids, IA	88.4	94.6	71.1	92.1	
Chambersburg-Waynesboro, PA	94.3	98.9	79.4	97.9	
Champaign-Urbana, IL	91.0	95.3	83.7	91.3	
Charleston, WV	86.0	95.2	57.2	95.2	
Charleston-North Charleston, SC	97.1	96.6	101.4	95.1	
Charlotte-Concord-Gastonia, NC-SC	94.4	96.2	89.5	95.1	
Charlottesville, VA	98.8	96.4	112.8	95.1	
Chattanooga, TN-GA	89.0	96.6	73.3	90.5	
Cheyenne, WY	92.4	93.0	83.2	99.2	
Chicago-Naperville-Elgin, IL-IN-WI	102.8	100.2	112.4	100.1	
Chico, CA	100.6	98.2	102.6	102.2	
Cincinnati, OH-KY-IN	90.6	95.9	78.5	92.3	
Clarksville, TN-KY	88.2	96.5	73.2	90.5	
Cleveland, TN	85.5	92.7	67.1	90.2	
Cleveland-Elyria, OH	89.9	95.9	76.3	92.2	
Coeur d'Alene, ID	93.5	97.7	86.7	93.9	
College Station-Bryan, TX	91.2	96.0	84.7	91.2	
Colorado Springs, CO	99.3	93.2	111.4	99.0	
Columbia, MO	89.9	94.7	78.0	92.2	
Columbia, SC	91.4	96.2	77.6	95.1	
Columbus, GA-AL	88.6	96.2	69.3	95.1	
Columbus, IN	88.7	94.6	77.5	90.3	
Columbus, OH	91.6	95.3	85.0	91.3	
Corpus Christi, TX	92.4	96.5	87.7	91.3	
Corvallis, OR	102.9	102.8	110.7	97.7	
Crestview-Fort Walton Beach-Destin, FL	94.5	94.5	93.5	95.2	
Cumberland, MD-WV	83.7	96.6	54.6	95.1	
Dallas-Fort Worth-Arlington, TX	101.2	98.9	109.9	98.6	
Dalton, GA	85.7	92.4	62.9	95.0	
Danville, IL	79.1	94.6	51.0	90.3	
Daphne-Fairhope-Foley, AL	90.2	96.8	81.7	90.5	
Davenport-Moline-Rock Island, IA-IL	88.3	94.7	71.7	92.2	
Dayton-Kettering, OH	87.6	95.4	69.6	91.4	
Decatur, AL	83.7	96.8	53.5	90.5	
Decatur, IL	85.0	95.4	60.3	91.4	
Deltona-Daytona Beach-Ormond Beach, FL	95.8	96.5	95.6	95.1	
Denver-Aurora-Lakewood, CO	104.2	97.7	139.0	95.9	
Des Moines-West Des Moines, IA	92.3	94.6	87.7	92.1	
Detroit-Warren-Dearborn, MI	95.3	97.8	86.1	97.7	
Dothan, AL	83.6	96.0	55.5	90.5	
Dover, DE	92.5	96.6	82.4	95.1	
Dubuque, IA	89.1	94.7	74.3	92.2	
Duluth, MN-WI	89.5	94.6	77.5	92.1	
Durham-Chapel Hill, NC	94.8	95.8	91.7	95.2	
East Stroudsburg, PA	98.4	98.9	98.3	97.9	
Eau Claire, WI	89.0	95.4	74.9	91.4	
El Centro, CA	90.4	102.8	67.3	97.7	
Elizabethtown-Fort Knox, KY	86.5	92.7	71.9	90.1	
Elkhart-Goshen, IN	88.8	95.4	73.2	91.4	
Elmira, NY	94.9	98.9	83.0	97.9	
El Paso, TX	87.7	96.4	73.3	91.3	
Enid, OK	88.3	96.5	71.6	91.3	
Erie, PA	91.3	98.9	69.5	97.9	
Eugene-Springfield, OR	99.4	98.2	97.9	102.2	

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
Evansville, IN-KY	87.5	95.4	68.0	91.4	
Fairbanks, AK	106.8	101.1	137.2	97.9	
Fargo, ND-MN	90.6	94.7	80.9	92.2	
Farmington, NM	90.3	97.7	73.5	93.9	
Fayetteville, NC	89.0	95.4	73.3	95.2	
Fayetteville-Springdale-Rogers, AR	88.2	96.4	70.1	91.3	
Flagstaff, AZ	99.3	97.7	110.8	93.9	
Flint, MI	88.7	97.7	65.9	95.7	
Florence, SC	87.5	95.6	62.6	95.1	
Florence-Muscle Shoals, AL	80.7	96.8	45.9	90.5	
Fond du Lac, WI	87.8	94.6	73.0	90.3	
Fort Collins, CO	102.0	93.0	125.7	99.2	
Fort Smith, AR-OK	82.9	96.3	55.2	91.2	
Fort Wayne, IN	88.1	95.4	70.4	91.4	
Fresno, CA	97.5	98.2	89.9	102.2	
Gadsden, AL	82.2	96.8	50.0	90.5	
Gainesville, FL	94.4	95.5	91.3	95.2	
Gainesville, GA	91.2	92.5	83.1	95.0	
Gettysburg, PA	95.6	98.9	85.5	97.9	
Glens Falls, NY	96.5	98.9	89.7	97.9	
Goldsboro, NC	87.1	96.6	62.6	95.1	
Grand Forks, ND-MN	89.4	94.7	77.2	92.2	
Grand Island, NE	85.5	93.9	64.3	91.1	
Grand Junction, CO	93.7	97.7	87.6	93.9	
Grand Rapids-Kentwood, MI	92.0	95.3	87.0	91.3	
Grants Pass, OR	95.5	102.8	82.7	97.7	
Great Falls, MT	91.9	93.0	80.5	99.2	
Greeley, CO	98.0	96.4	103.0	96.6	
Green Bay, WI	89.7	95.3	76.9	91.2	
Greensboro-High Point, NC	90.0	96.2	71.3	95.1	
Greenville, NC	87.4	96.6	65.7	95.1	
Greenville-Anderson, SC	90.7	96.4	74.1	95.1	
Gulfport-Biloxi, MS	87.2	96.6	69.6	90.5	
Hagerstown-Martinsburg, MD-WV	96.2	99.0	79.7	105.0	
Hammond, LA	86.3	92.3	72.2	90.9	
Hanford-Corcoran, CA	95.2	102.8	80.8	97.7	
Harrisburg-Carlisle, PA	95.9	98.9	86.5	97.9	
Harrisonburg, VA	91.9	92.5	86.2	95.0	
Hartford-East Hartford-Middletown, CT	102.5	99.2	106.0	103.9	
Hattiesburg, MS	84.7	92.5	65.1	90.3	
Hickory-Lenoir-Morganton, NC	87.4	96.6	61.0	95.1	
Hilton Head Island-Bluffton, SC	95.2	92.5	100.0	95.0	
Hinesville, GA	91.6	92.5	86.6	95.1	
Homosassa Springs, FL	89.1	92.5	77.8	95.0	
Hot Springs, AR	85.0	92.3	68.8	90.9	
Houma-Thibodaux, LA	88.1	96.5	71.4	91.3	
Houston-The Woodlands-Sugar Land, TX	101.7	95.6	104.7	106.8	
Huntington-Ashland, WV-KY-OH	85.6	96.0	56.5	94.9	
Huntsville, AL	89.0	96.8	70.6	90.5	
Idaho Falls, ID	91.0	97.7	76.2	93.8	
Indianapolis-Carmel-Anderson, IN	91.1	95.3	83.2	91.3	
Iowa City, IA	92.9	94.6	91.0	92.1	
Ithaca, NY	105.3	98.9	134.9	97.9	
Jackson, MI	87.6	95.4	69.3	91.4	
Jackson, MS	87.7	96.3	69.2	90.5	
Jackson, TN	80.7	92.5	53.3	90.3	
Jacksonville, FL	95.4	96.5	94.0	95.1	
Jacksonville, NC	91.6	96.5	81.3	95.1	

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
Janesville-Beloit, WI	89.6	95.4	76.8	91.4	
Jefferson City, MO	83.2	93.9	56.5	91.1	
Johnson City, TN	85.3	96.8	60.4	90.5	
Johnstown, PA	85.1	98.9	48.8	97.9	
Jonesboro, AR	83.7	92.3	63.9	90.9	
Joplin, MO	83.6	94.7	55.9	92.2	
Kahului-Wailuku-Lahaina, HI	113.3	105.7	144.3	100.1	
Kalamazoo-Portage, MI	89.8	95.4	78.3	91.4	
Kankakee, IL	92.9	97.2	78.2	98.8	
Kansas City, MO-KS	92.8	95.5	83.1	95.6	
Kennewick-Richland, WA	98.6	98.2	94.0	102.2	
Killeen-Temple, TX	89.1	96.3	76.7	91.3	
Kingsport-Bristol, TN-VA	84.5	96.7	56.1	91.5	
Kingston, NY	102.6	98.9	119.9	97.9	
Knoxville, TN	88.4	96.3	70.9	90.5	
Kokomo, IN	85.4	95.4	61.8	91.4	
La Crosse-Onalaska, WI-MN	90.8	95.4	82.3	91.4	
Lafayette, LA	85.6	95.7	64.3	91.2	
Lafayette-West Lafayette, IN	89.8	95.2	78.9	91.2	
Lake Charles, LA	88.6	96.4	73.0	91.3	
Lake Havasu City-Kingman, AZ	89.3	93.0	73.2	99.2	
Lakeland-Winter Haven, FL	93.5	96.6	86.1	95.1	
Lancaster, PA	98.1	98.9	96.7	97.9	
Lansing-East Lansing, MI	90.4	95.3	80.4	91.3	
Laredo, TX	86.1	96.5	67.3	91.3	
Las Cruces, NM	85.7	93.0	63.8	99.2	
Las Vegas-Henderson-Paradise, NV	96.9	93.0	100.5	99.2	
Lawrence, KS	91.1	94.7	83.4	92.2	
Lawton, OK	87.6	96.0	70.7	91.3	
Lebanon, PA	95.7	98.9	85.8	97.9	
Lewiston, ID-WA	90.8	97.7	75.2	93.9	
Lewiston-Auburn, ME	96.1	99.1	81.5	103.8	
Lexington-Fayette, KY	90.6	96.8	78.6	90.5	
Lima, OH	84.0	95.4	57.6	91.4	
Lincoln, NE	90.9	94.6	81.7	92.2	
Little Rock-North Little Rock-Conway, AR	87.7	96.4	69.7	91.3	
Logan, UT-ID	90.9	97.7	76.7	93.9	
Longview, TX	89.1	95.9	75.2	91.2	
Longview, WA	96.4	102.8	84.7	97.7	
Los Angeles-Long Beach-Anaheim, CA	118.8	105.7	169.5	106.9	
Louisville/Jefferson County, KY-IN	89.6	96.6	74.9	90.5	
Lubbock, TX	91.0	96.2	82.5	91.3	
Lynchburg, VA	90.2	96.4	72.2	95.1	
Macon-Bibb County, GA	87.4	95.9	63.2	95.1	
Madera, CA	94.7	98.2	80.6	102.2	
Madison, WI	96.4	95.3	108.9	91.2	
Manchester-Nashua, NH	107.6	101.1	118.6	107.8	
Manhattan, KS	90.5	93.9	85.3	91.1	
Mankato, MN	91.6	93.9	88.5	91.1	
Mansfield, OH	83.7	95.4	56.5	91.4	
McAllen-Edinburg-Mission, TX	82.2	96.5	56.8	91.3	
Medford, OR	98.2	98.2	93.3	102.2	
Memphis, TN-MS-AR	89.6	96.7	75.6	90.5	
Merced, CA	96.7	98.2	86.5	102.2	
Miami-Fort Lauderdale-Pompano Beach, FL	111.7	103.5	132.5	105.8	
Michigan City-La Porte, IN	84.6	94.6	63.7	90.3	
Midland, MI	89.1	95.4	74.3	91.4	
Midland, TX	98.8	96.2	122.7	91.3	

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
Milwaukee-Waukesha, WI	94.6	96.3	92.2	94.1	
Minneapolis-St. Paul-Bloomington, MN-WI	102.9	104.9	111.3	97.1	
Missoula, MT	95.4	97.7	93.5	93.9	
Mobile, AL	85.3	96.4	61.6	90.5	
Modesto, CA	101.0	98.2	104.8	102.2	
Monroe, LA	83.3	95.8	56.9	91.2	
Monroe, MI	90.4	97.7	72.2	95.7	
Montgomery, AL	87.8	96.7	69.1	90.5	
Morgantown, WV	89.8	92.5	77.8	95.0	
Morristown, TN	83.2	92.7	60.1	90.2	
Mount Vernon-Anacortes, WA	101.4	102.8	104.6	97.7	
Muncie, IN	85.7	95.4	65.4	91.4	
Muskegon, MI	86.7	95.4	67.1	91.4	
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	92.2	95.5	85.0	95.2	
Napa, CA	120.8	109.3	166.1	110.5	
Naples-Marco Island, FL	100.9	96.6	123.9	95.1	
Nashville-Davidson--Murfreesboro--Franklin, TN	94.4	96.6	97.7	90.5	
New Bern, NC	85.5	92.5	65.5	95.0	
New Haven-Milford, CT	106.2	103.9	107.1	107.9	
New Orleans-Metairie, LA	93.1	96.3	90.6	91.3	
New York-Newark-Jersey City, NY-NJ-PA	125.7	109.9	151.8	123.5	
Niles, MI	85.9	95.4	64.2	91.4	
North Port-Sarasota-Bradenton, FL	100.8	96.5	119.9	95.1	
Norwich-New London, CT	102.5	99.1	106.1	103.8	
Ocala, FL	91.7	96.6	79.3	95.1	
Ocean City, NJ	101.9	100.5	106.8	100.3	
Odessa, TX	95.1	96.5	99.7	91.3	
Ogden-Clearfield, UT	94.3	93.4	89.8	98.8	
Oklahoma City, OK	89.8	96.3	76.7	91.3	
Olympia-Lacey-Tumwater, WA	108.5	106.6	118.5	104.6	
Omaha-Council Bluffs, NE-IA	91.7	94.6	85.2	92.2	
Orlando-Kissimmee-Sanford, FL	99.0	96.5	109.5	95.1	
Oshkosh-Neenah, WI	89.1	95.4	74.1	91.4	
Owensboro, KY	87.6	96.4	65.7	90.5	
Oxnard-Thousand Oaks-Ventura, CA	117.0	101.1	174.6	106.9	
Palm Bay-Melbourne-Titusville, FL	96.7	96.5	99.6	95.1	
Panama City, FL	95.6	96.5	94.9	95.1	
Parkersburg-Vienna, WV	87.5	96.4	61.6	95.1	
Pensacola-Ferry Pass-Brent, FL	92.5	96.6	82.7	95.1	
Peoria, IL	87.3	95.3	67.5	91.3	
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	105.3	100.1	108.5	108.5	
Phoenix-Mesa-Chandler, AZ	98.7	94.2	102.7	101.0	
Pine Bluff, AR	80.8	95.8	49.1	91.2	
Pittsburgh, PA	92.4	98.9	78.9	92.4	
Pittsfield, MA	98.4	99.1	89.9	103.8	
Pocatello, ID	88.2	97.6	67.5	93.8	
Portland-South Portland, ME	103.7	99.3	110.9	104.1	
Portland-Vancouver-Hillsboro, OR-WA	105.0	101.6	127.1	97.6	
Port St. Lucie, FL	97.1	96.5	101.0	95.1	
Poughkeepsie-Newburgh-Middletown, NY	118.6	110.0	128.5	119.3	
Prescott Valley-Prescott, AZ	94.8	97.7	91.6	93.9	
Providence-Warwick, RI-MA	100.3	99.5	95.7	104.6	
Provo-Orem, UT	96.3	93.1	98.3	99.1	
Pueblo, CO	89.5	93.0	73.1	99.2	
Punta Gorda, FL	96.1	96.5	96.6	95.1	
Racine, WI	92.0	96.3	81.0	94.1	
Raleigh-Cary, NC	96.1	96.6	97.0	95.1	
Rapid City, SD	89.2	94.6	76.0	92.0	

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
Reading, PA	95.6	98.9	85.4	97.9	
Redding, CA	98.0	98.2	92.5	102.2	
Reno, NV	98.4	93.0	108.1	99.1	
Richmond, VA	95.8	96.5	95.8	95.1	
Riverside-San Bernardino-Ontario, CA	107.3	99.2	120.6	107.2	
Roanoke, VA	91.2	96.0	77.0	95.1	
Rochester, MN	92.9	94.5	91.4	92.0	
Rochester, NY	97.1	98.9	92.3	97.9	
Rockford, IL	86.9	95.4	68.8	91.4	
Rocky Mount, NC	84.6	96.6	52.9	95.1	
Rome, GA	83.9	92.4	57.7	95.0	
Sacramento-Roseville-Folsom, CA	105.2	98.2	126.1	102.2	
Saginaw, MI	85.7	95.4	63.2	91.4	
St. Cloud, MN	90.2	94.7	79.7	92.2	
St. George, UT	94.3	97.7	90.0	93.9	
St. Joseph, MO-KS	85.2	94.6	60.6	92.1	
St. Louis, MO-IL	90.1	95.6	80.6	89.6	
Salem, OR	99.0	101.6	96.4	97.6	
Salinas, CA	111.4	98.2	160.9	102.2	
Salisbury, MD-DE	90.0	92.5	79.5	95.0	
Salt Lake City, UT	98.6	93.2	109.4	99.0	
San Angelo, TX	91.3	96.3	83.1	91.3	
San Antonio-New Braunfels, TX	93.3	96.2	91.4	91.3	
San Diego-Chula Vista-Carlsbad, CA	117.9	100.4	172.0	109.8	
San Francisco-Oakland-Berkeley, CA	134.5	114.7	200.3	118.5	
San Jose-Sunnyvale-Santa Clara, CA	126.7	109.1	224.0	110.3	
San Luis Obispo-Paso Robles, CA	110.2	98.2	152.4	102.2	
Santa Cruz-Watsonville, CA	122.7	109.3	174.5	110.5	
Santa Fe, NM	97.0	93.0	101.6	99.2	
Santa Maria-Santa Barbara, CA	112.1	98.2	169.1	102.2	
Santa Rosa-Petaluma, CA	120.6	109.3	162.2	110.5	
Savannah, GA	94.5	96.6	89.6	95.1	
Scranton-Wilkes-Barre, PA	91.5	98.9	69.9	97.9	
Seattle-Tacoma-Bellevue, WA	114.5	108.1	148.4	104.7	
Sebastian-Vero Beach, FL	92.8	92.5	90.4	95.0	
Sebring-Avon Park, FL	87.0	92.5	70.5	95.0	
Sheboygan, WI	88.6	95.4	72.4	91.4	
Sherman-Denison, TX	91.0	96.5	81.4	91.3	
Shreveport-Bossier City, LA	87.2	96.3	69.7	91.3	
Sierra Vista-Douglas, AZ	88.3	97.7	70.7	93.9	
Sioux City, IA-NE-SD	88.3	94.6	70.0	92.1	
Sioux Falls, SD	91.2	94.6	83.2	92.2	
South Bend-Mishawaka, IN-MI	88.3	95.3	72.3	91.2	
Spartanburg, SC	89.5	96.6	68.8	95.1	
Spokane-Spokane Valley, WA	96.5	98.7	85.4	101.6	
Springfield, IL	89.0	95.4	72.4	91.4	
Springfield, MA	97.3	99.1	86.6	103.8	
Springfield, MO	85.9	94.6	65.2	92.1	
Springfield, OH	84.4	95.4	59.4	91.4	
State College, PA	100.0	98.9	105.9	97.9	
Staunton, VA	88.2	92.5	73.5	95.0	
Stockton, CA	102.2	98.2	109.9	102.2	
Sumter, SC	85.4	94.7	58.7	95.2	
Syracuse, NY	96.0	98.9	87.3	97.9	
Tallahassee, FL	93.0	96.2	84.2	95.1	
Tampa-St. Petersburg-Clearwater, FL	98.8	93.0	105.6	100.8	
Terre Haute, IN	85.4	95.2	61.2	91.3	
Texarkana, TX-AR	84.8	95.6	59.6	91.3	

Table 6. Regional Price Parities by Metropolitan Area, 2019

	Regional price parities				
	All items	Goods	Services		
			Rents	Other	
The Villages, FL	95.8	92.5	99.8	95.1	
Toledo, OH	86.2	95.3	64.6	91.3	
Topeka, KS	87.8	94.5	69.7	92.0	
Trenton-Princeton, NJ	106.2	100.2	121.0	105.5	
Tucson, AZ	93.1	93.0	85.5	99.2	
Tulsa, OK	88.6	96.3	72.4	91.3	
Tuscaloosa, AL	86.2	95.9	64.2	90.6	
Twin Falls, ID	89.1	97.7	71.1	93.9	
Tyler, TX	91.8	96.5	84.9	91.3	
Urban Honolulu, HI	123.8	114.2	168.3	106.4	
Utica-Rome, NY	92.7	98.9	74.1	97.9	
Valdosta, GA	85.4	92.5	64.7	95.0	
Vallejo, CA	118.3	109.3	147.6	110.5	
Victoria, TX	91.1	96.2	82.1	91.3	
Vineland-Bridgeton, NJ	97.3	100.5	88.0	100.3	
Virginia Beach-Norfolk-Newport News, VA-NC	96.4	96.4	98.6	95.1	
Visalia, CA	95.2	98.2	81.4	102.2	
Waco, TX	88.8	96.0	74.6	91.3	
Walla Walla, WA	97.2	102.8	87.3	97.7	
Warner Robins, GA	89.6	96.6	70.7	95.1	
Washington-Arlington-Alexandria, DC-VA-MD-WV	117.4	104.4	161.7	107.0	
Waterloo-Cedar Falls, IA	88.9	94.5	73.8	92.0	
Watertown-Fort Drum, NY	96.9	98.9	92.6	97.9	
Wausau-Weston, WI	88.2	95.3	69.7	91.2	
Weirton-Steubenville, WV-OH	84.0	94.5	52.3	93.3	
Wenatchee, WA	99.5	102.8	96.2	97.7	
Wheeling, WV-OH	86.0	96.6	56.4	95.1	
Wichita, KS	87.9	94.7	70.1	92.2	
Wichita Falls, TX	86.4	96.2	67.3	91.3	
Williamsport, PA	92.0	98.9	72.5	97.9	
Wilmington, NC	94.4	96.0	90.8	95.2	
Winchester, VA-WV	92.5	92.5	88.7	95.0	
Winston-Salem, NC	88.7	96.6	66.5	95.1	
Worcester, MA-CT	103.1	101.0	99.7	107.6	
Yakima, WA	94.3	98.2	76.7	102.2	
York-Hanover, PA	95.9	98.9	86.6	97.9	
Youngstown-Warren-Boardman, OH-PA	85.1	95.7	58.9	92.9	
Yuba City, CA	97.2	98.2	89.3	102.2	
Yuma, AZ	87.8	93.0	69.3	99.2	
Maximum	134.5	114.7	224.0	123.5	
Minimum	77.8	92.3	44.0	89.6	
Range	56.7	22.4	180.0	33.9	

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.