

# News Release

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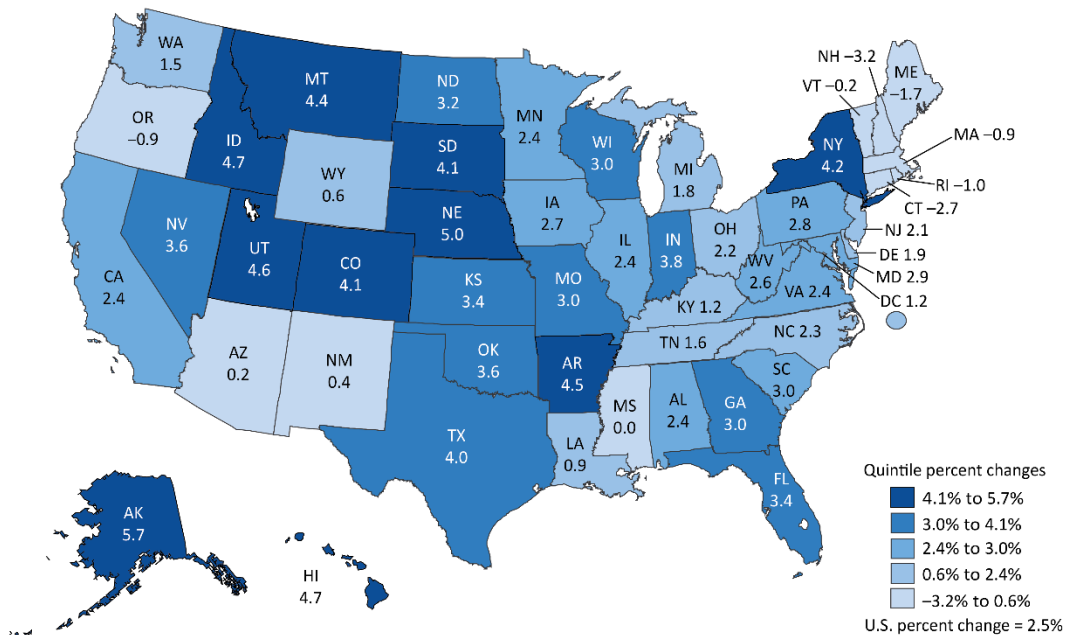
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## Real Personal Consumption Expenditures by State and Real Personal Income by State and Metropolitan Area, 2022

**Real personal consumption expenditures (PCE) by state** increased in 42 states and the District of Columbia in 2022, with the percent change ranging from 5.7 percent in Alaska to –3.2 percent in New Hampshire (table 1), according to statistics released today by the U.S. Bureau of Economic Analysis (BEA).

**Real personal income** declined in 45 states and the District of Columbia in 2022, with the percent change ranging from 3.0 percent in North Dakota to –8.9 percent in Rhode Island (table 1).

Real Personal Consumption Expenditures for States: Percent Change, 2021–2022



U.S. Bureau of Economic Analysis

Regional estimates of real PCE and real personal income are the current-dollar estimates adjusted by the corresponding regional price parity (RPP) and the national PCE price index. In 2022, the national PCE price index increased 6.5 percent (table 2).

### Real personal consumption expenditures

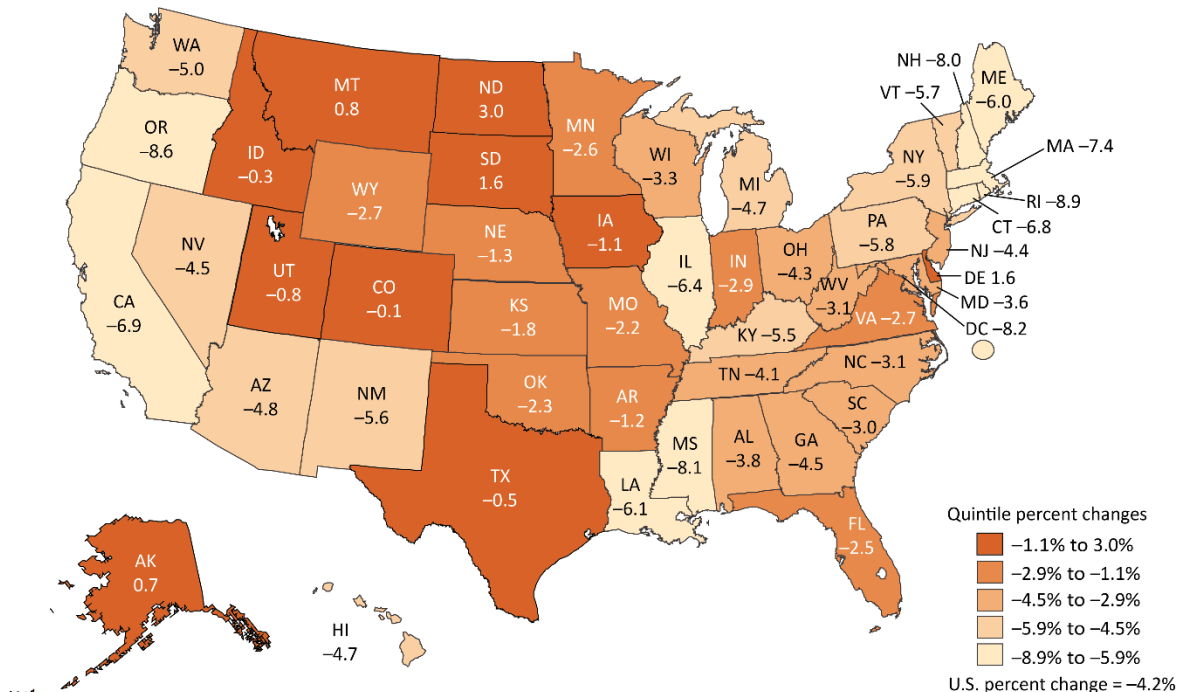
Real PCE for the nation increased 2.5 percent in 2022. Current-dollar PCE (see "[Consumer Spending by State](#)") increased 9.2 percent, faster than the national PCE price index.

- Alaska had the largest increase in real PCE, at 5.7 percent. Current-dollar PCE increased 9.5 percent, while its implicit regional price deflator increased 3.6 percent (table 2).
- Nebraska had the second-largest increase in real PCE, at 5.0 percent. Current-dollar PCE increased 9.2 percent, while its implicit regional price deflator increased 4.0 percent.
- New Hampshire had the largest decline in real PCE, at 3.2 percent. Current-dollar PCE increased 8.2 percent, while its implicit regional price deflator increased 11.8 percent.

### Real personal income

Real personal income for the nation declined 4.2 percent in 2022. Current-dollar personal income (see "[Personal Income by State](#)") increased 2.0 percent, slower than the national PCE price index.

Real Personal Income for States: Percent Change, 2021–2022



U.S. Bureau of Economic Analysis

- North Dakota had the largest increase in real personal income, at 3.0 percent. Current-dollar personal income increased 7.0 percent, while its implicit regional price deflator increased 3.8 percent.
- Delaware had the second-largest increase in real personal income, at 1.6 percent. Current-dollar

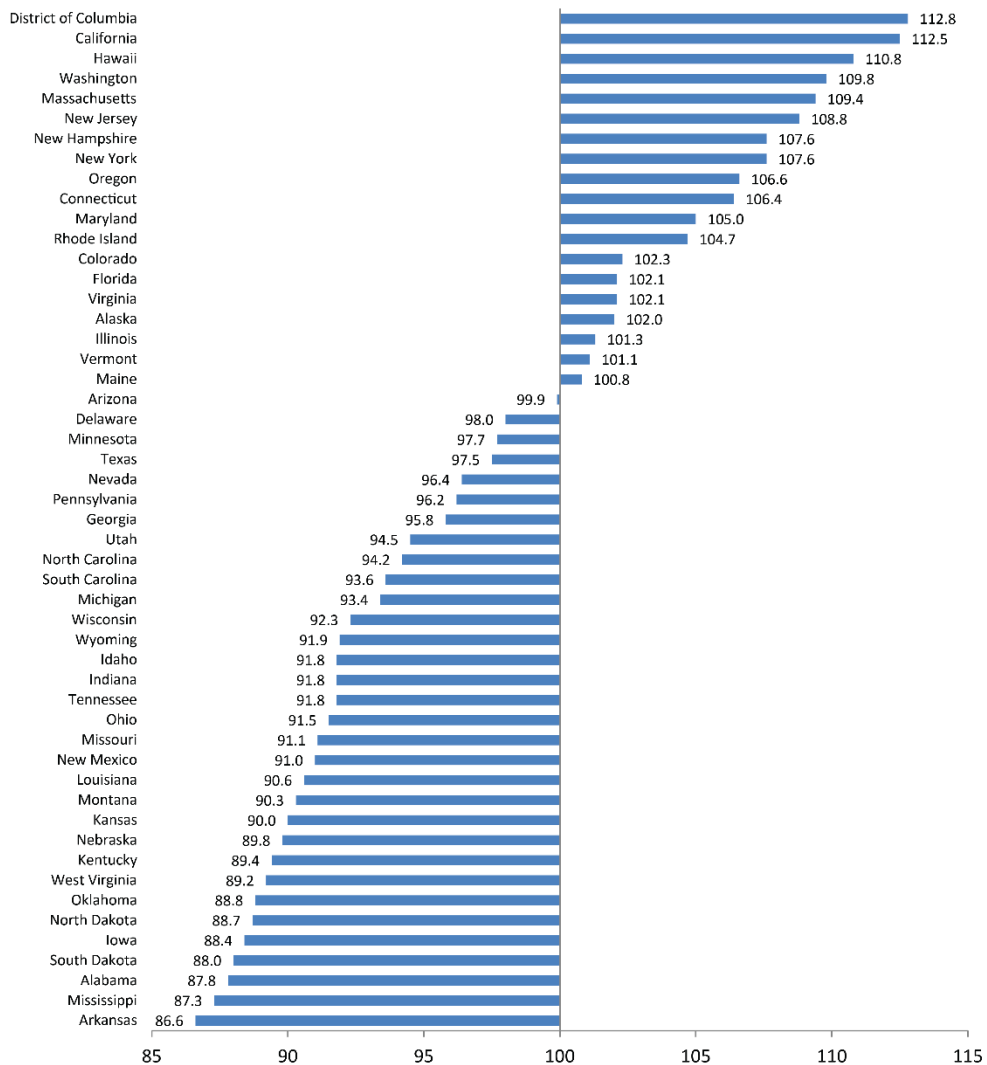
personal income increased 8.8 percent, while its implicit regional price deflator increased 7.0 percent.

- Rhode Island had the largest decline in real personal income, at 8.9 percent. Current-dollar personal income declined 0.5 percent, while its implicit regional price deflator increased 9.2 percent.

### Regional price parities

Regional price parities measure the differences in price levels across states for a given year and are expressed as a percentage of the overall national price level.

Chart 1. Regional Price Parities for States, 2022 (U.S. = 100)



U.S. Bureau of Economic Analysis

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 California, at 112.5, Hawaii, at 110.8, and Washington, at 109.8; the RPP in the District of Columbia was 112.8 (table 2).
- States with the lowest RPPs were Arkansas, at 86.6, Mississippi, at 87.3, and Alabama, at 87.8.
- Across states, California had the highest RPP for housing rents, at 160.2, and West Virginia had the lowest, at 53.9; the RPP for housing rents in the District of Columbia was 177.2.

Metropolitan area real personal income statistics are available in tables 3 and 4 as well as on [BEA's website](#).

### **Annual update to regional real PCE and real personal income**

The estimates for 2022 incorporate the results of BEA's comprehensive update of real PCE by state and real personal income by state and metropolitan area that was also released today. The annual estimates of real PCE by state and real personal income by state and metropolitan area from 2008 to 2021 were revised. These updates incorporate new and revised source data that are more complete and more detailed than previously available as well as the the results of the comprehensive updates of BEA's National Economic Accounts, annual PCE by state accounts, and annual regional personal income accounts that were published earlier. Our online journal, the *Survey of Current Business*, will include an article in 2024 describing the results of BEA's comprehensive update of regional real PCE and real personal income statistics.

BEA also released new estimates of state real per capita PCE statistics and real per capita personal income for 2022, along with revised estimates for 2008 to 2021. BEA used U.S. Census Bureau (Census) population figures to calculate per capita estimates for 2008, 2009, and 2020 through 2022. For 2010 through 2019, BEA used intercensal population statistics that it developed based on Census methodology. See "[Note on Per Capita Personal Consumption Expenditures and Population](#)."

Next release: December 12, 2024, at 8:30 a.m. EST  
Real Personal Consumption Expenditures by State and  
Real Personal Income by State and Metropolitan Area, 2023

## Technical Notes on Regional Price Parities and Implicit Regional Price Deflators

Price indexes commonly measure price changes over time. The U.S. Bureau of Economic Analysis (BEA) Personal Consumption Expenditures (PCE) price index and the U.S. Bureau of Labor Statistics (BLS) Consumer Price Index (CPI) are two examples. Spatial price indexes measure price level differences across regions for one period. An example of these types of indexes are purchasing power parities, 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 RPP that BEA has developed compares regions within the United States, without the need for currency conversion. An implicit regional price deflator (IRPD) can be derived by combining the regional price parities (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 covering apparel, education, food, housing, medical, recreation, transportation, and other goods and services.<sup>1</sup> Data on housing rents are obtained separately from the U.S. Census Bureau's American Community Survey (ACS). The expenditure weights for each category are constructed using BEA PCE and Census ACS housing rents expenditures.<sup>2</sup>

The CPI price levels and the ACS housing rents are combined with the expenditure weights using a multilateral aggregation method that expresses a region's price level relative to that of the United States.<sup>3</sup>

For example, if the RPP for area A is 120 and for area B is 90, then price levels 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 RPP and the U.S. PCE price index.

The IRPD will equal current-dollar PCE divided by real PCE in constant dollars. The growth rate or year-to-year change in the IRPDs is a measure of regional inflation.<sup>4</sup>

For complete information on the data sources and estimating methods, see "[Regional Price Parities, Real Personal Consumption Expenditures, and Real Personal Income](#)."

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1. The BEA RPP statistics are based in part on restricted access CPI data from BLS. The BEA statistics presented herein are products of BEA and not BLS.

2. To estimate RPPs, annual average CPI price quotes and ACS housing rents are quality adjusted. The rents data are from the ACS Public Use Microdata Sample, and results incorporate BEA's new method for estimating housing services across the regional and national accounts. For more information, see the [May 2021 issue of the Survey of Current Business](#).

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 IRPDs 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 based on CPI and ACS price levels and PCE expenditure weights.

## Additional Information

### Resources

- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA's [email subscription service](#), or following [@BEA\\_News](#) on X, formerly known as Twitter.
- 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](#).
- For more on BEA's statistics, see our online journal, the [Survey of Current Business](#).
- For upcoming economic indicators, see BEA's [news release schedule](#).
- For complete information on the data sources and estimating methods used to estimate regional price parities, real personal consumption expenditures, and real personal income, see "[Regional Price Parities, Real Personal Consumption Expenditures, and Real Personal Income](#)."

### Definitions

**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 Consumer Price Index (CPI) price data are adjusted to obtain average price levels for the U.S. Bureau of Labor Statistics areas.<sup>1</sup> These are allocated to counties in combination with direct price and expenditure data on housing rents from the American Community Survey.

County data are then aggregated to states and metropolitan areas.

**Personal consumption expenditures (PCE) at RPPs** is current-dollar PCE divided by the price parity for a given year and region.<sup>2</sup>

**Real PCE** is PCE at RPPs divided by the national PCE price index. The result is real PCE in constant dollars (using 2017 as the reference year). Using Minnesota in 2022 as an example:

(1)	(2)	(3)
PCE is divided by the RPP	PCE at RPPs is deflated by the U.S. PCE price index	<b>2022 Minnesota real PCE</b>
\$30.2 / 0.977 = \$30.9	\$30.9 / 1.160 = \$26.6	<b>\$26.6</b>

Note. Dollar amounts are in billions.

Total real PCE in the United States is derived as the sum of the regional estimates and net expenditures abroad by U.S. residents divided by the U.S. PCE price index.

**Personal income at RPPs** is current-dollar personal income divided by the price parity 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 price index. The result is real personal income in constant dollars (using 2017 as the reference year).

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 and the national PCE price index. It is equal to current-dollar PCE divided by real PCE.

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### News release tables

- Table 1. Real Personal Consumption Expenditures and Real Personal Income, by State, 2021–2022
- Table 2. Regional Price Parities and Implicit Regional Price Deflators, by State, 2022
- Table 3. Real Personal Income, by Metropolitan Area, 2021–2022
- Table 4. Regional Price Parities and Implicit Regional Price Deflators, by Metropolitan Area, 2022

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1. The CPI represents about 93 percent of the total U.S. population, including almost all residents of urban or metropolitan areas.  
2. RPP should first be divided by 100.

**Table 1. Real Personal Consumption Expenditures and Real Personal Income, by State, 2021–2022**

	Real personal consumption expenditures (millions of constant (2017) dollars)			Real personal income (millions of constant (2017) dollars)		
	2021	2022	Percent change	2021	2022	Percent change
<b>United States<sup>1</sup></b>	<b>14,718,157</b>	<b>15,090,797</b>	<b>2.5</b>	<b>19,626,221</b>	<b>18,803,662</b>	<b>-4.2</b>
Alabama	206,172	211,183	2.4	264,054	253,984	-3.8
Alaska	34,702	36,682	5.7	42,306	42,599	0.7
Arizona	317,485	318,201	0.2	390,082	371,495	-4.8
Arkansas	122,557	128,036	4.5	161,672	159,684	-1.2
California	1,760,081	1,802,396	2.4	2,476,630	2,306,734	-6.9
Colorado	280,497	292,092	4.1	373,562	373,024	-0.1
Connecticut	182,368	177,408	-2.7	261,629	243,876	-6.8
Delaware	47,951	48,856	1.9	55,820	56,734	1.6
District of Columbia	43,469	43,982	1.2	53,695	49,299	-8.2
Florida	1,007,855	1,041,880	3.4	1,248,414	1,217,815	-2.5
Georgia	451,513	465,205	3.0	582,055	556,053	-4.5
Hawaii	58,454	61,198	4.7	72,682	69,266	-4.7
Idaho	75,597	79,171	4.7	103,498	103,154	-0.3
Illinois	568,123	581,884	2.4	775,012	725,404	-6.4
Indiana	287,652	298,717	3.8	385,618	374,525	-2.9
Iowa	138,046	141,784	2.7	190,106	188,090	-1.1
Kansas	125,310	129,618	3.4	173,329	170,230	-1.8
Kentucky	190,100	192,315	1.2	239,443	226,240	-5.5
Louisiana	195,610	197,317	0.9	253,842	238,347	-6.1
Maine	67,201	66,048	-1.7	76,408	71,837	-6.0
Maryland	259,029	266,490	2.9	369,248	355,923	-3.6
Massachusetts	356,431	353,181	-0.9	503,053	465,702	-7.4
Michigan	449,898	457,968	1.8	554,585	528,588	-4.7
Minnesota	260,130	266,445	2.4	356,783	347,519	-2.6
Mississippi	115,139	115,115	0.0	146,528	134,708	-8.1
Missouri	275,818	284,035	3.0	345,789	338,259	-2.2
Montana	53,323	55,649	4.4	64,939	65,459	0.8
Nebraska	89,079	93,515	5.0	123,076	121,519	-1.3
Nevada	139,705	144,682	3.6	185,039	176,628	-4.5
New Hampshire	70,160	67,943	-3.2	89,864	82,663	-8.0
New Jersey	431,827	440,925	2.1	593,573	567,278	-4.4
New Mexico	86,379	86,746	0.4	110,822	104,614	-5.6
New York	886,172	923,029	4.2	1,264,254	1,189,919	-5.9
North Carolina	457,835	468,160	2.3	587,520	569,464	-3.1
North Dakota	38,617	39,865	3.2	51,826	53,364	3.0
Ohio	517,884	529,179	2.2	669,428	640,897	-4.3
Oklahoma	158,392	164,074	3.6	225,187	219,978	-2.3
Oregon	180,465	178,845	-0.9	233,996	213,907	-8.6
Pennsylvania	606,697	623,920	2.8	796,770	750,418	-5.8
Rhode Island	48,022	47,549	-1.0	62,903	57,290	-8.9
South Carolina	218,436	224,912	3.0	269,398	261,255	-3.0
South Dakota	41,938	43,659	4.1	59,850	60,828	1.6
Tennessee	301,599	306,354	1.6	402,904	386,370	-4.1
Texas	1,252,566	1,302,566	4.0	1,672,001	1,663,095	-0.5
Utah	142,009	148,610	4.6	185,146	183,600	-0.8
Vermont	30,816	30,746	-0.2	36,927	34,816	-5.7
Virginia	372,586	381,395	2.4	519,935	506,086	-2.7
Washington	340,338	345,506	1.5	485,192	460,723	-5.0
West Virginia	74,313	76,209	2.6	88,552	85,805	-3.1
Wisconsin	263,249	271,111	3.0	350,200	338,615	-3.3
Wyoming	28,391	28,567	0.6	41,071	39,983	-2.7
Maximum	1,760,081	1,802,396	5.7	2,476,630	2,306,734	3.0
Minimum	28,391	28,567	-3.2	36,927	34,816	-8.9
Range	1,731,690	1,773,829	8.9	2,439,703	2,271,918	11.9

1. The U.S. real personal consumption expenditures include net expenditures abroad by U.S. residents, but state estimates do not.

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

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**Table 2. Regional Price Parities and Implicit Regional Price Deflators, by State, 2022**

	Regional price parities					Implicit regional price deflators <sup>1</sup>	
	All items	Goods	Services			All items	Percent change from previous year
			Housing	Utilities	Other		
<b>United States<sup>2</sup></b>	<b>100.0</b>	<b>99.6</b>	<b>100.6</b>	<b>98.8</b>	<b>100.2</b>	<b>116.0</b>	<b>6.5</b>
Alabama	87.8	94.6	57.5	88.1	97.0	101.9	6.2
Alaska	102.0	105.5	96.8	104.1	101.3	118.4	3.6
Arizona	99.9	98.1	106.3	87.0	100.0	115.9	10.1
Arkansas	86.6	93.0	55.8	81.1	96.1	100.5	3.7
California	112.5	108.3	160.2	147.1	103.8	130.5	7.0
Colorado	102.3	101.2	129.6	89.4	96.2	118.7	5.9
Connecticut	106.4	101.2	119.4	140.1	105.1	123.5	10.3
Delaware	98.0	94.8	98.9	94.7	100.1	113.7	7.0
District of Columbia	112.8	107.7	177.2	104.8	104.5	131.0	7.6
Florida	102.1	98.1	116.3	94.5	101.1	118.5	7.2
Georgia	95.8	97.9	87.7	98.8	96.9	111.2	6.6
Hawaii	110.8	111.8	132.1	201.2	102.1	128.6	4.9
Idaho	91.8	95.8	87.7	66.4	92.0	106.6	6.7
Illinois	101.3	102.8	94.1	90.5	102.9	117.5	6.5
Indiana	91.8	94.2	70.6	88.0	97.9	106.5	5.7
Iowa	88.4	93.3	67.1	97.7	92.0	102.6	4.9
Kansas	90.0	93.7	69.9	107.1	93.1	104.4	4.9
Kentucky	89.4	94.0	62.3	81.4	96.9	103.7	6.6
Louisiana	90.6	93.9	66.9	83.0	97.5	105.1	5.5
Maine	100.8	101.1	83.5	136.5	106.3	117.0	10.4
Maryland	105.0	103.1	123.0	101.7	101.2	121.8	5.2
Massachusetts	109.4	107.3	128.6	151.3	104.7	126.9	9.2
Michigan	93.4	93.0	80.9	97.3	97.8	108.4	5.6
Minnesota	97.7	100.0	97.3	89.9	96.7	113.4	5.7
Mississippi	87.3	94.2	56.8	81.0	96.9	101.3	7.8
Missouri	91.1	96.7	69.3	85.5	94.9	105.7	5.4
Montana	90.3	96.2	74.6	72.8	92.8	104.7	5.2
Nebraska	89.8	94.0	73.3	84.6	92.5	104.2	4.0
Nevada	96.4	97.0	111.8	82.5	92.2	111.8	7.5
New Hampshire	107.6	104.6	121.3	147.7	105.1	124.9	11.8
New Jersey	108.8	104.7	135.7	104.5	105.0	126.2	6.0
New Mexico	91.0	97.6	75.7	83.9	92.5	105.6	7.8
New York	107.6	104.3	124.6	128.8	104.4	124.9	4.4
North Carolina	94.2	95.8	78.8	84.0	99.6	109.3	7.0
North Dakota	88.7	94.2	65.3	83.0	92.6	102.9	3.8
Ohio	91.5	92.2	72.8	89.4	97.6	106.1	5.7
Oklahoma	88.8	93.5	63.2	83.5	96.6	103.0	5.1
Oregon	106.6	109.0	110.4	89.5	104.6	123.7	10.0
Pennsylvania	96.2	97.0	86.4	108.7	98.0	111.7	6.5
Rhode Island	104.7	101.1	104.5	132.9	105.7	121.5	9.2
South Carolina	93.6	94.6	78.8	91.9	99.3	108.6	6.4
South Dakota	88.0	94.0	64.9	88.3	91.7	102.1	4.0
Tennessee	91.8	94.4	76.8	78.0	96.5	106.5	7.9
Texas	97.5	97.1	97.0	88.7	98.5	113.2	5.5
Utah	94.5	94.7	105.3	71.5	92.4	109.6	6.3
Vermont	101.1	100.6	89.0	118.3	105.3	117.3	9.1
Virginia	102.1	100.7	107.7	93.0	101.9	118.5	6.3
Washington	109.8	113.4	127.6	84.4	104.4	127.5	7.5
West Virginia	89.2	94.7	53.9	85.0	101.0	103.6	4.4
Wisconsin	92.3	92.3	77.5	89.3	97.7	107.1	5.4
Wyoming	91.9	96.7	79.0	76.4	93.8	106.6	6.9
Maximum	112.8	113.4	177.2	201.2	106.3	131.0	11.8
Minimum	86.6	92.2	53.9	66.4	91.7	100.5	3.6
Range	26.3	21.2	123.3	134.8	14.5	30.5	8.2

1. The implicit price deflator for the United States is equal to the national personal consumption expenditures price index, with a base of 2017.

2. The U.S. all items regional price parities, which covers all consumption goods and services, is the average price level across all states and the District of Columbia.

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**Table 3. Real Personal Income, by Metropolitan Area, 2021–2022**

	Real personal income (millions of constant (2017) dollars)		
	2021	2022	Percent change
<b>United States</b>	<b>19,626,221</b>	<b>18,803,662</b>	<b>-4.2</b>
Nonmetropolitan portion	2,366,693	2,256,637	-4.7
<b>Metropolitan Statistical Areas</b>			
Abilene, TX	9,369	9,026	-3.7
Akron, OH	40,684	39,389	-3.2
Albany, GA	6,995	6,690	-4.4
Albany-Lebanon, OR	6,103	5,653	-7.4
Albany-Schenectady-Troy, NY	56,314	54,208	-3.7
Albuquerque, NM	48,596	45,894	-5.6
Alexandria, LA	7,950	7,695	-3.2
Allentown-Bethlehem-Easton, PA-NJ	50,817	48,291	-5.0
Altoona, PA	6,956	6,472	-7.0
Amarillo, TX	14,966	14,581	-2.6
Ames, IA	6,295	6,248	-0.8
Anchorage, AK	23,305	23,686	1.6
Ann Arbor, MI	23,618	23,130	-2.1
Anniston-Oxford, AL	5,477	5,073	-7.4
Appleton, WI	14,192	13,843	-2.5
Asheville, NC	25,534	25,083	-1.8
Athens-Clarke County, GA	10,321	10,150	-1.7
Atlanta-Sandy Springs-Alpharetta, GA	362,209	348,926	-3.7
Atlantic City-Hammonton, NJ	14,977	13,507	-9.8
Auburn-Opelika, AL	8,221	8,225	0.0
Augusta-Richmond County, GA-SC	30,830	29,011	-5.9
Austin-Round Rock-Georgetown, TX	155,782	158,976	2.1
Bakersfield, CA	38,824	33,974	-12.5
Baltimore-Columbia-Towson, MD	174,474	170,803	-2.1
Bangor, ME	7,382	7,130	-3.4
Barnstable Town, MA	17,738	15,708	-11.4
Baton Rouge, LA	48,989	46,414	-5.3
Battle Creek, MI	6,217	5,790	-6.9
Bay City, MI	5,237	5,011	-4.3
Beaumont-Port Arthur, TX	19,132	18,445	-3.6
Beckley, WV	5,447	5,176	-5.0
Bellingham, WA	11,685	11,099	-5.0
Bend, OR	12,896	11,837	-8.2
Billings, MT	11,537	11,467	-0.6
Binghamton, NY	12,142	11,321	-6.8
Birmingham-Hoover, AL	68,131	65,896	-3.3
Bismarck, ND	8,822	8,786	-0.4
Blacksburg-Christiansburg, VA	7,413	7,131	-3.8
Bloomington, IL	10,061	9,312	-7.5
Bloomington, IN	8,264	8,051	-2.6
Bloomsburg-Berwick, PA	4,575	4,296	-6.1
Boise City, ID	44,538	44,441	-0.2
Boston-Cambridge-Newton, MA-NH	379,855	355,756	-6.3
Boulder, CO	27,851	27,909	0.2
Bowling Green, KY	8,345	8,066	-3.3
Bremerton-Silverdale-Port Orchard, WA	16,438	15,042	-8.5
Bridgeport-Stamford-Norwalk, CT	100,196	94,827	-5.4
Brownsville-Harlingen, TX	16,831	16,049	-4.6
Brunswick, GA	6,251	5,919	-5.3
Buffalo-Cheektowaga, NY	64,271	60,276	-6.2
Burlington, NC	8,628	8,085	-6.3
Burlington-South Burlington, VT	13,261	12,431	-6.3
California-Lexington Park, MD	7,124	6,577	-7.7
Canton-Massillon, OH	21,642	20,681	-4.4
Cape Coral-Fort Myers, FL	45,703	44,428	-2.8
Cape Girardeau, MO-IL	4,888	4,835	-1.1
Carbondale-Marion, IL	6,940	6,392	-7.9
Carson City, NV	3,427	3,243	-5.4
Casper, WY	5,374	5,110	-4.9
Cedar Rapids, IA	16,424	16,177	-1.5
Chambersburg-Waynesboro, PA	8,371	7,970	-4.8

Champaign-Urbana, IL	12,234	11,736	-4.1
Charleston, WV	13,291	12,868	-3.2
Charleston-North Charleston, SC	46,389	45,724	-1.4
Charlotte-Concord-Gastonia, NC-SC	162,197	160,109	-1.3
Charlottesville, VA	16,046	16,039	0.0
Chattanooga, TN-GA	31,100	29,321	-5.7
Cheyenne, WY	5,863	5,470	-6.7
Chicago-Naperville-Elgin, IL-IN-WI	597,926	559,310	-6.5
Chico, CA	10,371	9,442	-9.0
Cincinnati, OH-KY-IN	140,747	136,586	-3.0
Clarksville, TN-KY	16,102	15,141	-6.0
Cleveland, TN	6,089	5,751	-5.5
Cleveland-Elyria, OH	125,354	120,487	-3.9
Coeur d'Alene, ID	10,197	10,235	0.4
College Station-Bryan, TX	12,576	12,571	0.0
Colorado Springs, CO	43,441	41,800	-3.8
Columbia, MO	11,728	11,507	-1.9
Columbia, SC	44,445	42,695	-3.9
Columbus, GA-AL	15,808	14,622	-7.5
Columbus, IN	4,973	4,954	-0.4
Columbus, OH	126,294	121,606	-3.7
Corpus Christi, TX	22,059	21,368	-3.1
Corvallis, OR	4,750	4,399	-7.4
Crestview-Fort Walton Beach-Destin, FL	18,505	17,933	-3.1
Cumberland, MD-WV	4,582	4,401	-4.0
Dallas-Fort Worth-Arlington, TX	467,058	467,269	0.0
Dalton, GA	6,186	5,903	-4.6
Danville, IL	3,753	3,495	-6.9
Daphne-Fairhope-Foley, AL	13,374	13,264	-0.8
Davenport-Moline-Rock Island, IA-IL	21,566	20,904	-3.1
Dayton-Kettering, OH	45,278	43,372	-4.2
Decatur, AL	7,590	7,054	-7.1
Decatur, IL	5,964	5,705	-4.3
Deltona-Daytona Beach-Ormond Beach, FL	34,554	33,810	-2.2
Denver-Aurora-Lakewood, CO	199,446	203,641	2.1
Des Moines-West Des Moines, IA	44,856	44,043	-1.8
Detroit-Warren-Dearborn, MI	252,378	239,468	-5.1
Dothan, AL	8,040	7,672	-4.6
Dover, DE	8,730	8,695	-0.4
Dubuque, IA	5,986	5,926	-1.0
Duluth, MN-WI	16,232	15,497	-4.5
Durham-Chapel Hill, NC	39,203	37,898	-3.3
East Stroudsburg, PA	8,257	8,065	-2.3
Eau Claire, WI	9,578	9,262	-3.3
El Centro, CA	8,322	6,967	-16.3
Elizabethtown-Fort Knox, KY	8,332	7,723	-7.3
Elkhart-Goshen, IN	12,281	11,439	-6.9
Elmira, NY	4,169	3,917	-6.0
El Paso, TX	38,060	36,481	-4.1
Enid, OK	3,215	3,058	-4.9
Erie, PA	14,044	13,106	-6.7
Eugene-Springfield, OR	19,628	17,734	-9.6
Evansville, IN-KY	18,333	17,755	-3.2
Fairbanks, AK	5,491	5,662	3.1
Fargo, ND-MN	15,943	16,383	2.8
Farmington, NM	5,361	5,116	-4.6
Fayetteville, NC	23,820	22,539	-5.4
Fayetteville-Springdale-Rogers, AR	40,330	41,134	2.0
Flagstaff, AZ	7,766	7,679	-1.1
Flint, MI	20,178	18,205	-9.8
Florence, SC	10,097	9,879	-2.2
Florence-Muscle Shoals, AL	7,274	7,063	-2.9
Fond du Lac, WI	5,898	5,840	-1.0
Fort Collins, CO	22,375	21,892	-2.2
Fort Smith, AR-OK	11,615	11,354	-2.3
Fort Wayne, IN	23,607	22,673	-4.0
Fresno, CA	47,471	42,128	-11.3
Gadsden, AL	4,789	4,670	-2.5
Gainesville, FL	16,698	15,889	-4.8
Gainesville, GA	11,198	10,882	-2.8

Gettysburg, PA	5,691	5,334	-6.3
Glens Falls, NY	6,720	6,437	-4.2
Goldsboro, NC	5,870	5,578	-5.0
Grand Forks, ND-MN	6,233	6,208	-0.4
Grand Island, NE	4,250	4,140	-2.6
Grand Junction, CO	8,356	7,982	-4.5
Grand Rapids-Kentwood, MI	63,144	62,371	-1.2
Grants Pass, OR	4,290	3,847	-10.3
Great Falls, MT	4,882	4,579	-6.2
Greeley, CO	18,572	18,760	1.0
Green Bay, WI	19,563	19,297	-1.4
Greensboro-High Point, NC	39,879	38,237	-4.1
Greenville, NC	9,335	9,061	-2.9
Greenville-Anderson, SC	47,677	46,409	-2.7
Gulfport-Biloxi, MS	19,806	18,642	-5.9
Hagerstown-Martinsburg, MD-WV	14,955	14,655	-2.0
Hammond, LA	6,707	6,294	-6.2
Hanford-Corcoran, CA	6,249	5,490	-12.1
Harrisburg-Carlisle, PA	34,482	33,007	-4.3
Harrisonburg, VA	6,399	6,391	-0.1
Hartford-East Hartford-Middletown, CT	75,889	70,179	-7.5
Hattiesburg, MS	8,055	7,488	-7.0
Hickory-Lenoir-Morganton, NC	18,379	17,614	-4.2
Hilton Head Island-Bluffton, SC	13,759	13,469	-2.1
Hinesville, GA	3,349	3,127	-6.6
Homosassa Springs, FL	7,050	6,715	-4.8
Hot Springs, AR	4,976	4,881	-1.9
Houma-Thibodaux, LA	10,685	9,869	-7.6
Houston-The Woodlands-Sugar Land, TX	436,881	438,786	0.4
Huntington-Ashland, WV-KY-OH	17,604	16,701	-5.1
Huntsville, AL	29,748	28,615	-3.8
Idaho Falls, ID	9,622	9,325	-3.1
Indianapolis-Carmel-Anderson, IN	138,062	135,680	-1.7
Iowa City, IA	10,939	10,902	-0.3
Ithaca, NY	4,818	4,692	-2.6
Jackson, MI	7,395	7,027	-5.0
Jackson, MS	32,288	29,886	-7.4
Jackson, TN	9,578	8,856	-7.5
Jacksonville, FL	93,027	92,208	-0.9
Jacksonville, NC	10,830	9,978	-7.9
Janesville-Beloit, WI	8,446	8,115	-3.9
Jefferson City, MO	7,934	7,742	-2.4
Johnson City, TN	10,620	10,172	-4.2
Johnstown, PA	6,924	6,231	-10.0
Jonesboro, AR	6,591	6,212	-5.8
Joplin, MO	8,391	8,396	0.1
Kahului-Wailuku-Lahaina, HI	8,232	7,913	-3.9
Kalamazoo-Portage, MI	15,172	14,219	-6.3
Kankakee, IL	5,524	5,085	-7.9
Kansas City, MO-KS	131,440	131,355	-0.1
Kennewick-Richland, WA	14,749	13,346	-9.5
Killeen-Temple, TX	23,262	22,316	-4.1
Kingsport-Bristol, TN-VA	15,570	14,794	-5.0
Kingston, NY	10,347	9,867	-4.6
Knoxville, TN	52,059	50,013	-3.9
Kokomo, IN	4,029	3,946	-2.1
La Crosse-Onalaska, WI-MN	7,987	7,965	-0.3
Lafayette, LA	25,810	24,331	-5.7
Lafayette-West Lafayette, IN	10,598	10,250	-3.3
Lake Charles, LA	11,080	10,360	-6.5
Lake Havasu City-Kingman, AZ	9,561	9,172	-4.1
Lakeland-Winter Haven, FL	31,762	30,552	-3.8
Lancaster, PA	32,631	31,382	-3.8
Lansing-East Lansing, MI	26,693	25,222	-5.5
Laredo, TX	11,285	10,471	-7.2
Las Cruces, NM	10,822	10,074	-6.9
Las Vegas-Henderson-Paradise, NV	129,270	122,968	-4.9
Lawrence, KS	6,144	5,919	-3.7
Lawton, OK	6,545	6,211	-5.1
Lebanon, PA	7,728	7,520	-2.7

Lewiston, ID-WA	3,608	3,611	0.1
Lewiston-Auburn, ME	5,326	4,722	-11.3
Lexington-Fayette, KY	29,387	28,386	-3.4
Lima, OH	5,272	4,903	-7.0
Lincoln, NE	19,922	19,387	-2.7
Little Rock-North Little Rock-Conway, AR	41,478	40,996	-1.2
Logan, UT-ID	7,309	6,960	-4.8
Longview, TX	14,223	14,681	3.2
Longview, WA	5,631	5,205	-7.6
Los Angeles-Long Beach-Anaheim, CA	788,879	751,538	-4.7
Louisville/Jefferson County, KY-IN	77,722	73,917	-4.9
Lubbock, TX	16,615	16,154	-2.8
Lynchburg, VA	12,594	12,078	-4.1
Macon-Bibb County, GA	11,670	10,390	-11.0
Madera, CA	6,948	6,232	-10.3
Madison, WI	45,659	44,531	-2.5
Manchester-Nashua, NH	26,726	24,496	-8.3
Manhattan, KS	7,003	6,729	-3.9
Mankato, MN	5,740	5,501	-4.2
Mansfield, OH	5,912	5,558	-6.0
McAllen-Edinburg-Mission, TX	32,130	29,596	-7.9
Medford, OR	11,501	10,426	-9.3
Memphis, TN-MS-AR	76,957	70,727	-8.1
Merced, CA	12,419	11,236	-9.5
Miami-Fort Lauderdale-Pompano Beach, FL	380,691	369,694	-2.9
Michigan City-La Porte, IN	5,611	5,449	-2.9
Midland, MI	5,053	4,995	-1.2
Midland, TX	20,178	22,918	13.6
Milwaukee-Waukesha, WI	100,323	96,743	-3.6
Minneapolis-St. Paul-Bloomington, MN-WI	238,416	232,969	-2.3
Missoula, MT	7,203	7,392	2.6
Mobile, AL	21,236	20,017	-5.7
Modesto, CA	25,760	22,929	-11.0
Monroe, LA	10,119	9,397	-7.1
Monroe, MI	8,201	7,651	-6.7
Montgomery, AL	19,583	18,251	-6.8
Morgantown, WV	6,953	6,866	-1.2
Morristown, TN	7,076	6,524	-7.8
Mount Vernon-Anacortes, WA	7,495	6,744	-10.0
Muncie, IN	5,228	4,992	-4.5
Muskegon, MI	8,142	7,583	-6.9
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	25,018	24,667	-1.4
Napa, CA	9,743	8,927	-8.4
Naples-Marco Island, FL	43,937	43,990	0.1
Nashville-Davidson--Murfreesboro--Franklin, TN	136,975	135,543	-1.0
New Bern, NC	6,588	6,242	-5.2
New Haven-Milford, CT	50,209	46,216	-8.0
New Orleans-Metairie, LA	76,209	71,052	-6.8
New York-Newark-Jersey City, NY-NJ-PA	1,330,004	1,260,488	-5.2
Niles, MI	9,175	9,060	-1.3
North Port-Sarasota-Bradenton, FL	56,635	54,896	-3.1
Norwich-New London, CT	15,844	14,476	-8.6
Ocala, FL	17,000	16,200	-4.7
Ocean City, NJ	6,871	5,730	-16.6
Odessa, TX	8,085	8,180	1.2
Ogden-Clearfield, UT	36,559	35,792	-2.1
Oklahoma City, OK	84,855	83,751	-1.3
Olympia-Lacey-Tumwater, WA	15,635	14,343	-8.3
Omaha-Council Bluffs, NE-IA	62,299	62,848	0.9
Orlando-Kissimmee-Sanford, FL	132,359	128,324	-3.0
Oshkosh-Neenah, WI	9,550	9,195	-3.7
Owensboro, KY	6,345	5,899	-7.0
Oxnard-Thousand Oaks-Ventura, CA	51,650	48,020	-7.0
Palm Bay-Melbourne-Titusville, FL	32,141	31,162	-3.0
Panama City, FL	9,328	8,899	-4.6
Parkersburg-Vienna, WV	4,990	5,013	0.5
Pensacola-Ferry Pass-Brent, FL	26,545	25,659	-3.3
Peoria, IL	22,876	21,716	-5.1
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	416,777	392,444	-5.8
Phoenix-Mesa-Chandler, AZ	273,183	258,424	-5.4

Pine Bluff, AR	3,698	3,663	-0.9
Pittsburgh, PA	150,236	142,257	-5.3
Pittsfield, MA	7,954	7,125	-10.4
Pocatello, ID	4,609	4,579	-0.6
Portland-South Portland, ME	34,943	33,299	-4.7
Portland-Vancouver-Hillsboro, OR-WA	150,359	138,404	-8.0
Port St. Lucie, FL	31,871	32,208	1.1
Poughkeepsie-Newburgh-Middletown, NY	36,156	34,545	-4.5
Prescott Valley-Prescott, AZ	11,877	11,868	-0.1
Providence-Warwick, RI-MA	97,221	88,695	-8.8
Provo-Orem, UT	34,222	35,015	2.3
Pueblo, CO	8,057	7,640	-5.2
Punta Gorda, FL	9,839	9,708	-1.3
Racine, WI	11,129	10,727	-3.6
Raleigh-Cary, NC	93,640	92,055	-1.7
Rapid City, SD	9,046	9,098	0.6
Reading, PA	24,004	22,471	-6.4
Redding, CA	9,196	8,153	-11.3
Reno, NV	35,563	34,377	-3.3
Richmond, VA	82,134	80,769	-1.7
Riverside-San Bernardino-Ontario, CA	205,000	190,967	-6.8
Roanoke, VA	16,546	16,242	-1.8
Rochester, MN	14,490	13,902	-4.1
Rochester, NY	59,805	56,798	-5.0
Rockford, IL	17,088	16,250	-4.9
Rocky Mount, NC	7,229	6,849	-5.3
Rome, GA	4,418	4,165	-5.7
Sacramento-Roseville-Folsom, CA	139,046	127,184	-8.5
Saginaw, MI	9,325	8,921	-4.3
St. Cloud, MN	12,063	11,061	-8.3
St. George, UT	9,248	9,144	-1.1
St. Joseph, MO-KS	5,809	5,568	-4.2
St. Louis, MO-IL	179,795	174,474	-3.0
Salem, OR	20,887	19,276	-7.7
Salinas, CA	23,865	21,538	-9.8
Salisbury, MD-DE	24,029	23,470	-2.3
Salt Lake City, UT	75,415	74,408	-1.3
San Angelo, TX	7,479	7,185	-3.9
San Antonio-New Braunfels, TX	135,594	133,086	-1.8
San Diego-Chula Vista-Carlsbad, CA	192,094	183,698	-4.4
San Francisco-Oakland-Berkeley, CA	440,547	415,210	-5.8
San Jose-Sunnyvale-Santa Clara, CA	228,267	205,611	-9.9
San Luis Obispo-Paso Robles, CA	16,260	14,702	-9.6
Santa Cruz-Watsonville, CA	19,558	17,196	-12.1
Santa Fe, NM	11,179	10,591	-5.3
Santa Maria-Santa Barbara, CA	27,691	25,479	-8.0
Santa Rosa-Petaluma, CA	31,869	28,872	-9.4
Savannah, GA	21,842	20,796	-4.8
Scranton--Wilkes-Barre, PA	29,755	27,925	-6.1
Seattle-Tacoma-Bellevue, WA	291,152	282,396	-3.0
Sebastian-Vero Beach, FL	15,291	15,943	4.3
Sebring-Avon Park, FL	4,412	4,233	-4.1
Sheboygan, WI	6,838	6,859	0.3
Sherman-Denison, TX	7,308	7,127	-2.5
Shreveport-Bossier City, LA	21,912	20,907	-4.6
Sierra Vista-Douglas, AZ	6,520	6,176	-5.3
Sioux City, IA-NE-SD	8,764	8,728	-0.4
Sioux Falls, SD	20,108	20,714	3.0
South Bend-Mishawaka, IN-MI	17,968	17,107	-4.8
Spartanburg, SC	17,410	17,156	-1.5
Spokane-Spokane Valley, WA	29,801	26,975	-9.5
Springfield, IL	12,074	11,395	-5.6
Springfield, MA	39,722	36,466	-8.2
Springfield, MO	23,995	23,986	0.0
Springfield, OH	6,818	6,192	-9.2
State College, PA	8,390	7,758	-7.5
Staunton, VA	6,401	6,334	-1.0
Stockton, CA	38,711	34,207	-11.6
Sumter, SC	6,712	6,102	-9.1
Syracuse, NY	36,501	34,801	-4.7

Tallahassee, FL	19,606	18,711	-4.6
Tampa-St. Petersburg-Clearwater, FL	175,904	171,333	-2.6
Terre Haute, IN	8,920	8,418	-5.6
Texarkana, TX-AR	7,105	6,899	-2.9
The Villages, FL	8,861	9,485	7.0
Toledo, OH	35,544	33,420	-6.0
Topeka, KS	12,817	12,432	-3.0
Trenton-Princeton, NJ	26,916	25,887	-3.8
Tucson, AZ	55,135	53,040	-3.8
Tulsa, OK	62,611	61,788	-1.3
Tuscaloosa, AL	11,930	11,397	-4.5
Twin Falls, ID	5,566	5,463	-1.9
Tyler, TX	14,549	15,129	4.0
Urban Honolulu, HI	52,056	49,491	-4.9
Utica-Rome, NY	15,065	14,231	-5.5
Valdosta, GA	6,701	6,120	-8.7
Vallejo, CA	22,682	20,064	-11.5
Victoria, TX	5,641	5,481	-2.8
Vineland-Bridgeton, NJ	6,972	6,593	-5.4
Virginia Beach-Norfolk-Newport News, VA-NC	96,273	92,210	-4.2
Visalia, CA	21,577	19,054	-11.7
Waco, TX	13,535	13,080	-3.4
Walla Walla, WA	3,168	2,942	-7.1
Warner Robins, GA	9,495	8,766	-7.7
Washington-Arlington-Alexandria, DC-VA-MD-WV	426,365	410,588	-3.7
Waterloo-Cedar Falls, IA	9,366	9,113	-2.7
Watertown-Fort Drum, NY	6,048	5,559	-8.1
Wausau-Weston, WI	9,870	9,333	-5.4
Weirton-Steubenville, WV-OH	5,673	5,288	-6.8
Wenatchee, WA	6,377	6,013	-5.7
Wheeling, WV-OH	7,388	7,039	-4.7
Wichita, KS	36,809	36,631	-0.5
Wichita Falls, TX	7,715	7,520	-2.5
Williamsport, PA	5,801	5,432	-6.4
Wilmington, NC	15,934	15,663	-1.7
Winchester, VA-WV	7,942	7,870	-0.9
Winston-Salem, NC	36,474	34,975	-4.1
Worcester, MA-CT	56,845	51,143	-10.0
Yakima, WA	12,000	10,832	-9.7
York-Hanover, PA	25,225	23,887	-5.3
Youngstown-Warren-Boardman, OH-PA	27,686	25,973	-6.2
Yuba City, CA	8,494	7,726	-9.0
Yuma, AZ	9,414	9,344	-0.7
Maximum	1,330,004	1,260,488	13.6
Minimum	3,168	2,942	-16.6
Range	1,326,836	1,257,546	30.2

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

U.S. Bureau of Economic Analysis

**Table 4. Regional Price Parities and Implicit Regional Price Deflators, by Metropolitan Area, 2022**

	Regional price parities					Implicit regional price deflators <sup>1</sup>	
	All items	Goods	Services			All items	Percent change from previous year
			Housing	Utilities	Other		
<b>United States<sup>2</sup></b>	<b>100.0</b>	<b>99.6</b>	<b>100.6</b>	<b>98.8</b>	<b>100.2</b>	<b>116.0</b>	<b>6.5</b>
Nonmetropolitan portion	88.6	95.3	59.5	90.8	97.1	102.8	6.2
<b>Metropolitan Statistical Areas</b>							
Abilene, TX	91.7	93.6	75.4	87.1	97.1	106.5	6.4
Akron, OH	92.1	92.1	76.6	89.5	97.6	106.8	4.9
Albany, GA	86.4	95.3	50.4	91.1	99.4	100.3	3.0
Albany-Lebanon, OR	104.6	109.0	99.0	87.5	104.6	121.4	9.3
Albany-Schenectady-Troy, NY	96.6	96.4	92.5	131.8	96.7	112.1	3.7
Albuquerque, NM	93.4	97.6	88.7	83.5	92.5	108.4	7.8
Alexandria, LA	86.2	93.9	48.0	83.1	97.5	100.0	2.7
Allentown-Bethlehem-Easton, PA-NJ	98.0	97.6	102.9	107.9	96.6	113.8	6.5
Altoona, PA	89.0	97.7	53.6	109.2	96.6	103.3	6.3
Amarillo, TX	91.8	93.6	74.7	90.5	97.1	106.5	4.4
Ames, IA	88.5	93.3	65.7	97.7	92.0	102.6	2.9
Anchorage, AK	103.1	104.1	112.9	96.6	100.7	119.6	2.9
Ann Arbor, MI	97.7	91.9	113.9	97.7	98.0	113.3	4.6
Anniston-Oxford, AL	83.9	94.6	44.7	90.0	96.9	97.3	6.7
Appleton, WI	91.8	91.7	75.2	89.9	97.5	106.5	4.7
Asheville, NC	94.8	95.8	83.9	84.0	99.6	110.0	6.6
Athens-Clarke County, GA	93.6	95.3	75.8	92.7	99.4	108.6	5.5
Atlanta-Sandy Springs-Alpharetta, GA	98.8	99.3	107.4	103.6	95.6	114.6	6.1
Atlantic City-Hammonton, NJ	98.6	96.8	105.0	103.7	97.0	114.4	8.2
Auburn-Opelika, AL	88.7	94.6	60.6	86.6	96.9	102.9	5.3
Augusta-Richmond County, GA-SC	92.0	95.0	69.1	93.0	99.4	106.7	6.5
Austin-Round Rock-Georgetown, TX	98.8	93.6	126.4	87.8	97.1	114.7	5.1
Bakersfield, CA	104.5	108.9	93.2	144.4	104.0	121.3	10.3
Baltimore-Columbia-Towson, MD	102.4	100.9	120.5	101.4	98.3	118.9	3.8
Bangor, ME	96.8	101.1	63.4	136.3	106.3	112.4	6.6
Barnstable Town, MA	109.1	101.3	125.3	149.1	105.9	126.6	14.7
Baton Rouge, LA	92.5	93.9	75.7	82.9	97.5	107.3	5.6
Battle Creek, MI	89.3	91.9	62.5	94.3	98.0	103.6	5.2
Bay City, MI	88.0	91.9	53.3	95.0	98.0	102.2	2.6
Beaumont-Port Arthur, TX	91.3	93.6	72.6	87.7	97.1	105.9	4.4
Beckley, WV	88.3	94.3	52.4	85.1	100.8	102.4	5.2
Bellingham, WA	105.9	109.2	109.5	85.4	104.0	122.9	7.8
Bend, OR	108.0	109.0	118.3	89.5	104.6	125.3	11.8
Billings, MT	91.7	96.2	81.9	72.6	92.8	106.4	5.7
Binghamton, NY	92.0	96.4	70.7	130.8	96.7	106.7	3.7
Birmingham-Hoover, AL	91.2	94.6	70.4	87.1	96.9	105.8	6.9
Bismarck, ND	91.1	94.2	78.8	88.5	92.6	105.7	3.0
Blacksburg-Christiansburg, VA	93.1	95.7	76.0	89.0	99.5	108.0	7.7
Bloomington, IL	92.4	90.5	78.2	96.3	97.9	107.2	6.0
Bloomington, IN	93.0	93.0	80.9	88.9	97.3	107.9	5.4
Bloomsburg-Berwick, PA	89.1	97.7	54.9	108.2	96.6	103.4	6.1
Boise City, ID	94.2	95.6	102.5	66.5	91.8	109.3	6.9
Boston-Cambridge-Newton, MA-NH	112.0	110.1	150.3	154.5	104.1	129.9	8.6
Boulder, CO	99.9	96.3	150.6	84.6	91.7	115.9	5.3
Bowling Green, KY	89.3	94.1	63.3	81.3	96.7	103.6	7.3
Bremerton-Silverdale-Port Orchard, WA	108.8	109.2	130.3	82.2	104.0	126.2	11.7
Bridgeport-Stamford-Norwalk, CT	109.8	101.2	153.4	139.9	105.1	127.4	10.1
Brownsville-Harlingen, TX	85.4	93.6	54.3	85.8	97.1	99.1	3.4
Brunswick, GA	91.6	95.3	68.7	91.1	99.4	106.3	8.2
Buffalo-Cheektowaga, NY	93.9	96.4	78.7	126.5	96.7	108.9	5.3
Burlington, NC	92.3	95.8	70.7	85.3	99.6	107.1	9.9
Burlington-South Burlington, VT	106.5	100.6	123.7	117.6	105.3	123.6	10.6
California-Lexington Park, MD	99.8	96.0	109.7	94.2	99.9	115.8	10.2
Canton-Massillon, OH	88.7	92.1	58.1	89.9	97.6	102.9	5.3
Cape Coral-Fort Myers, FL	101.7	95.3	123.2	89.7	99.9	118.0	8.3
Cape Girardeau, MO-IL	86.3	93.8	58.1	92.8	91.9	100.2	3.8
Carbondale-Marion, IL	86.7	90.5	53.5	96.8	97.9	100.6	6.9
Carson City, NV	94.5	97.0	98.3	80.9	92.2	109.7	7.0
Casper, WY	92.1	96.7	79.0	76.9	93.8	106.9	7.3
Cedar Rapids, IA	90.0	93.3	75.9	99.6	92.0	104.5	4.2

Chambersburg-Waynesboro, PA	93.9	97.7	74.7	109.4	96.6	109.0	5.3
Champaign-Urbana, IL	91.3	90.5	73.3	96.1	97.9	106.0	4.3
Charleston, WV	88.6	94.3	50.2	85.1	100.8	102.8	3.6
Charleston-North Charleston, SC	99.1	94.6	111.0	91.1	99.3	115.0	6.3
Charlotte-Concord-Gastonia, NC-SC	96.9	95.7	93.9	86.0	99.6	112.4	6.7
Charlottesville, VA	97.6	95.7	97.4	90.5	99.5	113.3	3.4
Chattanooga, TN-GA	92.5	94.1	79.7	80.1	96.6	107.4	9.5
Cheyenne, WY	94.1	96.7	94.1	74.8	93.8	109.2	7.8
Chicago-Naperville-Elgin, IL-IN-WI	105.7	106.7	110.9	87.7	104.7	122.7	6.9
Chico, CA	104.3	108.9	91.4	145.9	104.0	121.0	8.3
Cincinnati, OH-KY-IN	93.5	92.4	83.7	88.3	97.7	108.5	5.7
Clarksville, TN-KY	91.1	94.3	74.0	78.7	96.6	105.7	7.3
Cleveland, TN	89.2	94.4	65.0	78.0	96.5	103.6	8.3
Cleveland-Elyria, OH	93.1	92.1	82.7	89.2	97.6	108.0	5.5
Coeur d'Alene, ID	93.7	95.6	99.7	67.0	91.8	108.7	6.4
College Station-Bryan, TX	92.6	93.6	79.8	88.7	97.1	107.5	3.8
Colorado Springs, CO	96.8	96.3	119.5	84.7	91.7	112.4	6.7
Columbia, MO	88.0	93.8	65.0	92.1	91.9	102.1	4.7
Columbia, SC	93.6	94.6	78.9	91.3	99.3	108.7	6.9
Columbus, GA-AL	89.5	95.2	60.9	93.7	99.5	103.9	7.2
Columbus, IN	90.2	93.0	66.5	90.2	97.3	104.7	4.7
Columbus, OH	94.0	92.1	87.6	89.4	97.6	109.1	5.6
Corpus Christi, TX	93.6	93.6	86.4	86.2	97.1	108.6	5.3
Corvallis, OR	106.1	109.0	106.4	91.0	104.6	123.1	10.8
Crestview-Fort Walton Beach-Destin, FL	97.9	95.3	99.1	92.2	99.9	113.7	7.7
Cumberland, MD-WV	86.9	95.4	52.9	92.8	100.2	100.8	1.4
Dallas-Fort Worth-Arlington, TX	103.5	102.2	116.3	88.2	102.0	120.1	5.9
Dalton, GA	90.6	95.3	63.2	93.4	99.4	105.1	6.3
Danville, IL	87.8	90.5	57.3	96.7	97.9	101.9	6.3
Daphne-Fairhope-Foley, AL	91.1	94.6	75.2	86.6	96.9	105.7	5.4
Davenport-Moline-Rock Island, IA-IL	88.9	93.4	68.7	106.8	92.5	103.1	3.6
Dayton-Kettering, OH	91.4	92.1	72.9	89.2	97.6	106.1	5.5
Decatur, AL	87.2	94.6	55.4	88.6	96.9	101.2	7.8
Decatur, IL	87.3	90.5	56.6	97.9	97.9	101.2	3.9
Deltona-Daytona Beach-Ormond Beach, FL	98.8	95.3	105.0	90.2	99.9	114.6	7.5
Denver-Aurora-Lakewood, CO	107.4	105.5	145.8	95.0	99.9	124.6	4.7
Des Moines-West Des Moines, IA	92.1	93.3	87.5	100.3	92.0	106.9	4.9
Detroit-Warren-Dearborn, MI	96.1	94.5	94.3	101.3	97.6	111.6	6.3
Dothan, AL	85.0	94.6	47.9	86.9	96.9	98.6	5.2
Dover, DE	95.1	95.1	81.5	90.7	100.2	110.3	5.6
Dubuque, IA	86.4	93.3	61.4	94.9	92.0	100.3	4.4
Duluth, MN-WI	88.6	94.5	74.6	97.0	90.6	102.8	6.2
Durham-Chapel Hill, NC	96.6	95.8	91.4	84.9	99.6	112.1	7.1
East Stroudsburg, PA	94.3	97.7	80.0	105.9	96.6	109.4	2.8
Eau Claire, WI	91.1	91.7	71.7	90.1	97.5	105.7	5.6
El Centro, CA	100.1	108.9	74.0	143.2	104.0	116.2	11.5
Elizabethtown-Fort Knox, KY	88.9	94.1	58.9	81.5	96.7	103.1	8.0
Elkhart-Goshen, IN	91.5	93.0	73.0	89.4	97.3	106.2	11.2
Elmira, NY	92.7	96.4	74.3	129.1	96.7	107.6	4.2
El Paso, TX	91.2	93.6	73.4	89.4	97.1	105.8	4.5
Enid, OK	85.5	93.5	50.1	84.4	96.6	99.2	4.7
Erie, PA	90.7	97.7	61.6	107.9	96.6	105.2	5.1
Eugene-Springfield, OR	104.6	109.0	99.5	87.2	104.6	121.4	10.6
Evansville, IN-KY	88.8	93.0	60.0	89.3	97.4	103.1	5.0
Fairbanks, AK	98.6	104.1	79.9	112.0	100.7	114.5	0.5
Fargo, ND-MN	87.9	94.3	63.5	83.6	92.3	102.0	1.1
Farmington, NM	88.4	97.6	67.0	84.2	92.5	102.6	5.4
Fayetteville, NC	91.4	95.8	67.4	82.8	99.6	106.1	6.2
Fayetteville-Springdale-Rogers, AR	90.7	93.0	71.8	81.6	96.1	105.3	3.9
Flagstaff, AZ	95.5	97.5	99.7	87.0	92.7	110.8	6.3
Flint, MI	90.7	91.9	68.7	96.5	98.0	105.3	8.7
Florence, SC	88.2	94.6	54.2	92.1	99.3	102.4	3.8
Florence-Muscle Shoals, AL	84.2	94.6	45.8	88.8	96.9	97.7	5.0
Fond du Lac, WI	89.4	91.7	62.9	88.6	97.5	103.7	3.3
Fort Collins, CO	98.2	96.3	130.3	84.1	91.7	113.9	7.0
Fort Smith, AR-OK	85.6	93.1	51.1	80.9	96.1	99.4	4.2
Fort Wayne, IN	92.7	93.0	79.5	88.2	97.3	107.5	7.4
Fresno, CA	105.2	108.9	96.3	145.1	104.0	122.1	10.3
Gadsden, AL	81.9	94.6	42.7	89.9	96.9	95.0	3.3
Gainesville, FL	96.4	95.3	89.5	92.1	99.9	111.8	7.0



Gainesville, GA	96.9	95.3	94.7	93.3	99.4	112.5	9.7
Gettysburg, PA	95.5	97.7	85.3	108.1	96.6	110.8	6.6
Glens Falls, NY	92.4	96.4	73.6	130.4	96.7	107.2	3.0
Goldsboro, NC	89.7	95.8	59.1	82.3	99.6	104.1	6.0
Grand Forks, ND-MN	86.8	94.3	58.6	87.0	92.1	100.7	2.7
Grand Island, NE	86.5	94.0	57.9	82.3	92.5	100.4	3.4
Grand Junction, CO	93.8	96.3	96.4	84.9	91.7	108.9	8.3
Grand Rapids-Kentwood, MI	94.2	91.9	87.4	93.2	98.0	109.3	4.0
Grants Pass, OR	102.8	109.0	90.4	87.3	104.6	119.2	10.7
Great Falls, MT	91.3	96.2	78.2	72.7	92.8	105.9	11.8
Greeley, CO	94.9	96.3	104.2	83.8	91.7	110.1	6.0
Green Bay, WI	90.5	91.7	68.8	89.5	97.5	105.0	4.4
Greensboro-High Point, NC	92.7	95.8	71.2	84.5	99.6	107.6	6.4
Greenville, NC	88.5	95.8	56.7	82.2	99.6	102.7	5.2
Greenville-Anderson, SC	93.2	94.6	76.2	92.5	99.3	108.1	6.2
Gulfport-Biloxi, MS	88.9	94.2	62.5	79.4	96.9	103.2	6.4
Hagerstown-Martinsburg, MD-WV	93.5	95.0	73.2	89.1	100.5	108.5	4.4
Hammond, LA	89.4	93.9	64.6	83.2	97.5	103.7	7.2
Hanford-Corcoran, CA	102.4	108.9	82.2	141.8	104.0	118.8	10.6
Harrisburg-Carlisle, PA	95.9	97.7	87.3	110.3	96.6	111.3	5.0
Harrisonburg, VA	95.0	95.7	83.6	90.3	99.5	110.2	7.6
Hartford-East Hartford-Middletown, CT	104.9	101.2	108.2	140.0	105.1	121.8	9.7
Hattiesburg, MS	89.0	94.2	64.2	79.8	96.9	103.3	7.3
Hickory-Lenoir-Morganton, NC	89.8	95.8	59.3	83.0	99.6	104.2	7.3
Hilton Head Island-Bluffton, SC	99.3	94.6	109.6	91.6	99.3	115.3	6.7
Hinesville, GA	94.5	95.3	81.6	90.6	99.4	109.7	7.6
Homosassa Springs, FL	94.8	95.3	82.5	90.7	99.9	110.0	7.7
Hot Springs, AR	85.9	93.0	56.8	80.1	96.1	99.7	3.2
Houma-Thibodaux, LA	88.5	93.9	57.7	83.1	97.5	102.7	6.6
Houston-The Woodlands-Sugar Land, TX	98.8	97.9	108.0	92.3	97.1	114.6	5.6
Huntington-Ashland, WV-KY-OH	88.5	94.5	51.0	85.6	100.3	102.7	6.2
Huntsville, AL	92.7	94.6	76.8	88.1	96.9	107.6	7.9
Idaho Falls, ID	90.9	95.6	83.2	66.1	91.8	105.5	7.1
Indianapolis-Carmel-Anderson, IN	93.7	93.0	84.6	88.8	97.3	108.7	5.3
Iowa City, IA	91.3	93.3	83.4	99.9	92.0	106.0	4.6
Ithaca, NY	98.7	96.4	106.5	131.3	96.7	114.5	2.7
Jackson, MI	91.3	91.9	71.7	97.0	98.0	106.0	3.9
Jackson, MS	90.4	94.2	68.4	80.9	96.9	104.9	8.5
Jackson, TN	86.8	94.4	57.1	78.6	96.5	100.8	8.5
Jacksonville, FL	98.5	95.3	103.4	90.7	99.9	114.3	6.2
Jacksonville, NC	92.6	95.8	72.7	82.0	99.6	107.4	10.1
Janesville-Beloit, WI	91.7	91.7	77.0	90.3	97.5	106.4	5.0
Jefferson City, MO	87.1	93.8	60.1	90.3	91.9	101.1	5.2
Johnson City, TN	87.5	94.4	56.2	77.4	96.5	101.5	7.0
Johnstown, PA	87.4	97.7	51.2	111.2	96.6	101.4	8.1
Jonesboro, AR	86.2	93.0	54.8	81.3	96.1	100.0	5.9
Joplin, MO	85.0	93.8	52.4	91.9	91.9	98.7	2.9
Kahului-Wailuku-Lahaina, HI	108.4	111.8	115.4	205.4	102.1	125.8	3.8
Kalamazoo-Portage, MI	94.6	91.9	89.6	97.8	98.0	109.8	8.3
Kankakee, IL	92.0	90.5	76.6	95.4	97.9	106.7	6.6
Kansas City, MO-KS	92.1	93.7	85.6	100.5	92.4	106.9	4.8
Kennewick-Richland, WA	104.4	109.2	101.3	82.1	104.0	121.2	10.7
Killeen-Temple, TX	91.6	93.6	74.6	86.0	97.1	106.3	4.4
Kingsport-Bristol, TN-VA	86.2	94.5	53.9	80.4	97.0	100.1	7.3
Kingston, NY	99.4	96.4	110.8	130.9	96.7	115.3	5.8
Knoxville, TN	91.3	94.4	74.1	77.5	96.5	106.0	7.9
Kokomo, IN	86.7	93.0	52.5	88.4	97.3	100.6	1.9
La Crosse-Onalaska, WI-MN	91.1	91.6	72.4	89.8	97.6	105.7	2.4
Lafayette, LA	89.7	93.9	62.3	82.8	97.5	104.1	5.0
Lafayette-West Lafayette, IN	91.9	93.0	76.1	89.2	97.3	106.7	6.0
Lake Charles, LA	89.5	93.9	60.8	82.8	97.5	103.9	5.4
Lake Havasu City-Kingman, AZ	92.8	97.5	86.3	84.1	92.7	107.7	10.6
Lakeland-Winter Haven, FL	96.2	95.3	90.0	89.8	99.9	111.7	6.6
Lancaster, PA	96.6	97.7	92.5	108.1	96.6	112.1	6.1
Lansing-East Lansing, MI	93.8	91.9	85.6	94.6	98.0	108.9	6.5
Laredo, TX	90.3	93.6	69.7	85.3	97.1	104.8	7.3
Las Cruces, NM	86.9	97.6	60.2	84.4	92.5	100.8	7.5
Las Vegas-Henderson-Paradise, NV	96.5	97.0	112.7	82.7	92.2	112.0	7.7
Lawrence, KS	92.4	93.7	84.9	111.0	93.1	107.3	6.1
Lawton, OK	85.3	93.5	53.5	82.2	96.6	99.0	4.3

Lebanon, PA	93.0	97.7	72.4	110.9	96.6	107.9	3.3
Lewiston, ID-WA	85.2	96.1	58.6	68.5	92.1	98.9	4.6
Lewiston-Auburn, ME	101.4	101.1	85.8	135.8	106.3	117.7	15.1
Lexington-Fayette, KY	91.2	94.1	70.9	80.9	96.7	105.9	5.5
Lima, OH	89.4	92.1	63.2	89.2	97.6	103.8	7.4
Lincoln, NE	92.0	94.0	86.2	87.0	92.5	106.8	5.1
Little Rock-North Little Rock-Conway, AR	89.2	93.0	65.2	80.9	96.1	103.5	3.6
Logan, UT-ID	92.7	94.8	92.2	70.9	92.3	107.5	7.3
Longview, TX	86.9	93.6	54.9	88.0	97.1	100.9	0.1
Longview, WA	101.5	109.2	87.0	86.3	104.0	117.8	9.4
Los Angeles-Long Beach-Anaheim, CA	113.1	106.3	177.0	144.0	103.5	131.3	5.5
Louisville/Jefferson County, KY-IN	92.3	94.0	77.0	80.8	96.7	107.1	7.0
Lubbock, TX	91.8	93.6	74.5	88.4	97.1	106.5	4.2
Lynchburg, VA	91.0	95.7	65.2	89.1	99.5	105.6	6.4
Macon-Bibb County, GA	90.4	95.3	61.7	94.2	99.4	104.9	10.2
Madera, CA	103.1	108.9	84.5	143.0	104.0	119.6	9.7
Madison, WI	95.3	91.7	99.0	89.3	97.5	110.6	5.1
Manchester-Nashua, NH	108.0	101.6	132.5	144.5	106.1	125.3	12.6
Manhattan, KS	89.8	93.7	70.9	106.9	93.1	104.2	5.3
Mankato, MN	89.1	94.7	72.0	98.4	90.5	103.4	7.4
Mansfield, OH	87.7	92.1	58.5	90.1	97.6	101.7	5.8
McAllen-Edinburg-Mission, TX	86.9	93.6	57.6	85.7	97.1	100.9	6.0
Medford, OR	105.7	109.0	105.7	84.5	104.6	122.6	10.1
Memphis, TN-MS-AR	91.8	94.3	76.6	79.5	96.6	106.6	8.2
Merced, CA	103.0	108.9	84.1	144.2	104.0	119.5	9.3
Miami-Fort Lauderdale-Pompano Beach, FL	111.5	104.7	147.3	105.6	106.6	129.4	7.9
Michigan City-La Porte, IN	88.5	93.0	56.0	89.8	97.3	102.7	3.9
Midland, MI	88.0	91.9	53.3	95.0	98.0	102.2	2.6
Midland, TX	96.0	93.6	101.3	87.7	97.1	111.4	4.5
Milwaukee-Waukesha, WI	94.9	91.7	95.7	91.0	97.5	110.2	5.8
Minneapolis-St. Paul-Bloomington, MN-WI	102.9	102.7	119.2	86.3	99.9	119.5	5.9
Missoula, MT	90.2	96.2	72.5	72.9	92.8	104.7	1.5
Mobile, AL	87.3	94.6	56.7	88.0	96.9	101.4	6.0
Modesto, CA	106.0	108.9	101.6	139.3	104.0	123.0	9.5
Monroe, LA	87.0	93.9	50.5	83.2	97.5	100.9	6.7
Monroe, MI	93.1	91.9	80.7	92.9	98.0	108.0	7.8
Montgomery, AL	89.6	94.6	65.4	88.3	96.9	104.0	7.9
Morgantown, WV	92.5	94.3	69.2	84.6	100.8	107.3	2.8
Morristown, TN	87.7	94.4	57.4	78.2	96.5	101.7	10.7
Mount Vernon-Anacortes, WA	105.7	109.2	109.2	83.4	104.0	122.7	12.2
Muncie, IN	88.1	93.0	57.2	88.9	97.3	102.3	5.6
Muskegon, MI	91.7	91.9	76.2	92.9	98.0	106.4	6.2
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	94.3	95.0	83.9	88.0	99.4	109.4	5.9
Napa, CA	112.9	108.9	161.5	140.5	104.0	131.0	6.8
Naples-Marco Island, FL	102.5	95.3	129.4	90.1	99.9	119.0	6.8
Nashville-Davidson--Murfreesboro--Franklin, TN	96.6	94.4	105.8	77.8	96.5	112.1	7.9
New Bern, NC	91.0	95.8	67.2	83.3	99.6	105.6	6.3
New Haven-Milford, CT	105.4	101.2	110.8	139.0	105.1	122.3	10.7
New Orleans-Metairie, LA	93.6	93.9	83.6	82.6	97.5	108.7	5.7
New York-Newark-Jersey City, NY-NJ-PA	113.0	107.6	154.2	118.4	107.2	131.2	4.8
Niles, MI	87.9	91.9	58.1	94.0	98.0	102.0	1.9
North Port-Sarasota-Bradenton, FL	101.4	95.3	123.2	90.6	99.9	117.7	8.8
Norwich-New London, CT	104.0	101.2	101.3	141.7	105.1	120.7	10.7
Ocala, FL	94.1	95.3	78.9	91.6	99.9	109.2	6.8
Ocean City, NJ	103.2	96.8	122.4	104.2	97.0	119.8	16.6
Odessa, TX	94.2	93.6	88.3	87.5	97.1	109.3	4.0
Ogden-Clearfield, UT	94.2	94.7	103.3	71.4	92.4	109.3	7.1
Oklahoma City, OK	91.4	93.5	74.5	83.7	96.6	106.0	5.2
Olympia-Lacey-Tumwater, WA	107.4	109.2	120.3	82.3	104.0	124.7	10.5
Omaha-Council Bluffs, NE-IA	92.1	94.0	87.2	86.4	92.4	106.8	4.5
Orlando-Kissimmee-Sanford, FL	100.4	95.3	118.6	90.2	99.9	116.5	7.1
Oshkosh-Neenah, WI	91.2	91.7	72.7	89.6	97.5	105.9	5.0
Owensboro, KY	88.3	94.1	56.6	82.3	96.7	102.5	7.4
Oxnard-Thousand Oaks-Ventura, CA	114.4	108.9	174.9	137.3	104.0	132.7	9.3
Palm Bay-Melbourne-Titusville, FL	99.3	95.3	108.7	90.6	99.9	115.3	6.9
Panama City, FL	97.5	95.3	97.0	90.6	99.9	113.2	7.3
Parkersburg-Vienna, WV	87.2	94.3	48.4	84.4	100.8	101.2	3.6
Pensacola-Ferry Pass-Brent, FL	95.5	95.3	84.9	91.7	99.9	110.8	6.2
Peoria, IL	89.8	90.5	64.1	97.1	97.9	104.2	6.1
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	100.7	95.5	115.8	107.0	100.3	116.8	8.1

Phoenix-Mesa-Chandler, AZ	103.7	98.3	122.9	87.9	103.2	120.3	11.4
Pine Bluff, AR	80.9	93.0	41.1	81.3	96.1	93.9	-1.4
Pittsburgh, PA	93.9	97.7	74.9	109.8	96.6	108.9	5.3
Pittsfield, MA	100.4	101.3	79.8	145.4	105.9	116.5	11.4
Pocatello, ID	87.4	95.6	67.6	66.4	91.8	101.4	5.1
Portland-South Portland, ME	104.9	101.1	106.9	135.4	106.3	121.7	9.7
Portland-Vancouver-Hillsboro, OR-WA	108.8	109.1	128.5	90.2	104.4	126.2	9.9
Port St. Lucie, FL	98.3	95.3	101.5	90.2	99.9	114.1	6.3
Poughkeepsie-Newburgh-Middletown, NY	110.0	107.5	121.4	130.9	107.4	127.6	6.1
Prescott Valley-Prescott, AZ	92.7	97.5	84.3	87.0	92.7	107.6	5.1
Providence-Warwick, RI-MA	103.9	101.2	98.8	136.5	105.8	120.6	9.3
Provo-Orem, UT	94.8	94.7	108.9	71.6	92.4	110.0	5.3
Pueblo, CO	90.5	96.3	78.7	84.4	91.7	105.0	6.2
Punta Gorda, FL	96.0	95.3	89.3	89.4	99.9	111.4	6.2
Racine, WI	90.8	91.7	70.9	89.9	97.5	105.4	5.0
Raleigh-Cary, NC	98.4	95.8	104.5	84.4	99.6	114.2	7.3
Rapid City, SD	90.7	94.0	81.0	89.2	91.7	105.3	5.0
Reading, PA	96.3	97.7	90.3	109.7	96.6	111.8	6.7
Redding, CA	103.8	108.9	89.7	145.3	104.0	120.4	11.2
Reno, NV	98.3	97.0	128.1	81.7	92.2	114.0	7.6
Richmond, VA	97.7	95.7	98.2	90.2	99.5	113.4	6.1
Riverside-San Bernardino-Ontario, CA	106.4	102.4	129.2	149.3	100.8	123.5	7.4
Roanoke, VA	92.4	95.7	73.4	90.7	99.5	107.2	5.0
Rochester, MN	92.1	94.7	91.2	97.1	90.5	106.9	6.6
Rochester, NY	95.2	96.4	85.2	130.6	96.7	110.5	3.9
Rockford, IL	90.6	90.5	69.4	96.6	97.9	105.1	3.5
Rocky Mount, NC	87.8	95.8	50.7	84.1	99.6	101.9	6.6
Rome, GA	91.0	95.3	61.7	95.6	99.4	105.6	6.6
Sacramento-Roseville-Folsom, CA	109.9	108.9	131.5	138.6	104.0	127.5	10.1
Saginaw, MI	87.0	91.9	55.0	96.4	98.0	100.9	1.9
St. Cloud, MN	91.9	94.7	89.5	98.0	90.5	106.6	11.8
St. George, UT	94.8	94.7	106.7	71.6	92.4	110.0	7.1
St. Joseph, MO-KS	87.2	93.8	59.3	97.7	91.9	101.2	4.5
St. Louis, MO-IL	96.7	101.8	80.0	76.8	99.5	112.2	6.9
Salem, OR	104.8	109.0	99.7	88.6	104.6	121.6	9.4
Salinas, CA	113.1	108.9	159.5	141.1	104.0	131.2	10.2
Salisbury, MD-DE	95.2	95.4	84.1	92.3	100.1	110.5	8.0
Salt Lake City, UT	95.7	94.7	116.5	71.5	92.4	111.0	5.8
San Angelo, TX	92.7	93.6	80.8	87.0	97.1	107.6	7.5
San Antonio-New Braunfels, TX	95.1	93.6	94.6	86.3	97.1	110.4	5.2
San Diego-Chula Vista-Carlsbad, CA	114.5	108.2	183.9	161.1	102.7	132.9	5.9
San Francisco-Oakland-Berkeley, CA	117.9	114.5	206.4	164.3	105.7	136.8	4.6
San Jose-Sunnyvale-Santa Clara, CA	115.3	108.9	233.3	141.5	104.0	133.7	9.9
San Luis Obispo-Paso Robles, CA	112.6	108.9	157.0	136.0	104.0	130.7	10.3
Santa Cruz-Watsonville, CA	114.7	108.9	185.0	138.6	104.0	133.1	11.9
Santa Fe, NM	94.9	97.6	98.9	82.7	92.5	110.1	8.3
Santa Maria-Santa Barbara, CA	113.9	108.9	172.2	136.5	104.0	132.2	8.5
Santa Rosa-Petaluma, CA	112.5	108.9	158.2	141.1	104.0	130.5	9.0
Savannah, GA	96.3	95.3	91.4	92.1	99.4	111.7	7.4
Scranton--Wilkes-Barre, PA	91.9	97.7	65.1	108.5	96.6	106.6	5.1
Seattle-Tacoma-Bellevue, WA	113.7	116.2	154.8	85.7	104.7	131.9	5.7
Sebastian-Vero Beach, FL	95.4	95.3	84.9	90.4	99.9	110.8	3.6
Sebring-Avon Park, FL	90.2	95.3	63.2	90.1	99.9	104.7	6.9
Sheboygan, WI	89.6	91.7	66.5	88.8	97.5	103.9	2.4
Sherman-Denison, TX	92.6	93.6	79.5	88.0	97.1	107.5	6.1
Shreveport-Bossier City, LA	88.9	93.9	59.6	83.7	97.5	103.2	4.6
Sierra Vista-Douglas, AZ	88.2	97.5	62.8	87.4	92.7	102.4	7.0
Sioux City, IA-NE-SD	87.8	93.5	62.9	95.0	92.1	101.9	3.6
Sioux Falls, SD	90.2	94.0	77.4	88.4	91.7	104.7	3.1
South Bend-Mishawaka, IN-MI	92.2	92.8	76.6	89.2	97.4	107.0	7.1
Spartanburg, SC	91.6	94.6	69.0	92.4	99.3	106.3	5.4
Spokane-Spokane Valley, WA	102.7	109.2	92.1	83.3	104.0	119.1	10.7
Springfield, IL	89.6	90.5	65.2	96.9	97.9	103.9	4.2
Springfield, MA	99.5	101.3	74.5	144.8	105.9	115.4	8.2
Springfield, MO	86.9	93.8	59.7	90.8	91.9	100.8	3.8
Springfield, OH	88.7	92.1	59.2	89.8	97.6	102.9	8.8
State College, PA	96.5	97.7	91.9	109.6	96.6	112.0	7.5
Staunton, VA	91.5	95.7	68.0	91.0	99.5	106.2	5.0
Stockton, CA	108.5	108.9	119.3	143.3	104.0	126.0	10.5
Sumter, SC	88.4	94.6	59.1	91.5	99.3	102.6	9.0

Syracuse, NY	93.4	96.4	76.2	130.4	96.7	108.4	3.2
Tallahassee, FL	94.5	95.3	77.7	91.8	99.9	109.7	6.1
Tampa-St. Petersburg-Clearwater, FL	99.7	97.4	118.6	92.5	96.4	115.7	7.4
Terre Haute, IN	86.9	93.0	54.5	89.8	97.3	100.8	6.1
Texarkana, TX-AR	85.2	93.4	50.1	85.4	96.8	98.9	3.2
The Villages, FL	91.4	95.3	70.2	91.9	99.9	106.1	1.4
Toledo, OH	90.2	92.1	66.5	89.5	97.6	104.7	6.5
Topeka, KS	87.8	93.7	59.6	109.0	93.1	101.9	4.6
Trenton-Princeton, NJ	100.8	96.8	127.3	107.7	97.0	117.0	5.3
Tucson, AZ	93.8	97.5	91.1	84.0	92.7	108.9	7.6
Tulsa, OK	90.5	93.5	70.6	83.6	96.6	105.1	5.1
Tuscaloosa, AL	87.0	94.6	53.6	87.8	96.9	100.9	5.3
Twin Falls, ID	90.9	95.6	83.9	66.6	91.8	105.5	7.8
Tyler, TX	92.3	93.6	77.4	88.6	97.1	107.1	3.8
Urban Honolulu, HI	112.9	111.8	148.4	196.3	102.1	131.0	5.4
Utica-Rome, NY	89.6	96.4	62.0	131.0	96.7	104.0	3.2
Valdosta, GA	89.8	95.3	62.5	91.2	99.4	104.2	8.4
Vallejo, CA	112.6	108.9	151.4	142.8	104.0	130.6	9.6
Victoria, TX	91.2	93.6	73.5	87.5	97.1	105.8	5.7
Vineland-Bridgeton, NJ	92.8	96.8	74.7	103.1	97.0	107.7	2.4
Virginia Beach-Norfolk-Newport News, VA-NC	98.0	95.8	100.0	89.7	99.5	113.7	6.6
Visalia, CA	102.4	108.9	82.1	142.7	104.0	118.8	10.2
Waco, TX	93.4	93.6	84.8	86.5	97.1	108.3	5.1
Walla Walla, WA	100.7	109.2	79.4	81.6	104.0	116.9	8.2
Warner Robins, GA	92.7	95.3	71.5	91.8	99.4	107.6	7.3
Washington-Arlington-Alexandria, DC-VA-MD-WV	111.3	107.2	156.3	102.0	104.6	129.2	6.3
Waterloo-Cedar Falls, IA	87.9	93.3	66.2	96.2	92.0	102.0	5.0
Watertown-Fort Drum, NY	93.8	96.4	81.4	129.1	96.7	108.8	6.5
Wausau-Weston, WI	90.5	91.7	69.3	89.0	97.5	105.0	7.2
Weirton-Steubenville, WV-OH	89.1	94.8	53.7	87.6	100.5	103.4	6.3
Wenatchee, WA	103.2	109.2	92.9	87.2	104.0	119.7	6.6
Wheeling, WV-OH	89.2	94.7	54.4	87.0	100.6	103.6	6.3
Wichita, KS	89.2	93.7	67.5	106.5	93.1	103.5	4.3
Wichita Falls, TX	88.7	93.6	61.5	87.7	97.1	103.0	4.0
Williamsport, PA	89.7	97.7	55.4	108.8	96.6	104.1	4.5
Wilmington, NC	97.0	95.8	95.8	82.3	99.6	112.6	5.8
Winchester, VA-WV	96.0	95.5	88.0	89.3	99.7	111.4	4.9
Winston-Salem, NC	92.4	95.8	69.6	83.4	99.6	107.2	7.3
Worcester, MA-CT	105.1	101.3	105.2	145.9	105.8	121.9	11.8
Yakima, WA	101.0	109.2	83.8	82.5	104.0	117.2	10.0
York-Hanover, PA	95.6	97.7	85.6	107.9	96.6	110.9	5.3
Youngstown-Warren-Boardman, OH-PA	86.6	91.8	52.1	90.7	97.7	100.5	6.1
Yuba City, CA	102.7	108.9	82.5	145.5	104.0	119.2	7.7
Yuma, AZ	86.1	97.5	59.1	83.1	92.7	99.9	2.7
Maximum	117.9	116.2	233.3	205.4	107.4	136.8	16.6
Minimum	80.9	90.5	41.1	66.1	90.5	93.9	-1.4
Range	37.0	25.8	192.2	139.3	16.9	43.0	18.0

1. The implicit price deflator for the United States is equal to the national personal consumption expenditures price index, with a base of 2017.

2. The U.S. all items regional price parities, which covers all consumption goods and services, is the average price level across all metropolitan areas and the U.S. nonmetropolitan portion.

U.S. Bureau of Economic Analysis