Bureau of Economic Analysis
U.S. DEPARTMENT OF COMMERCE

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News Release

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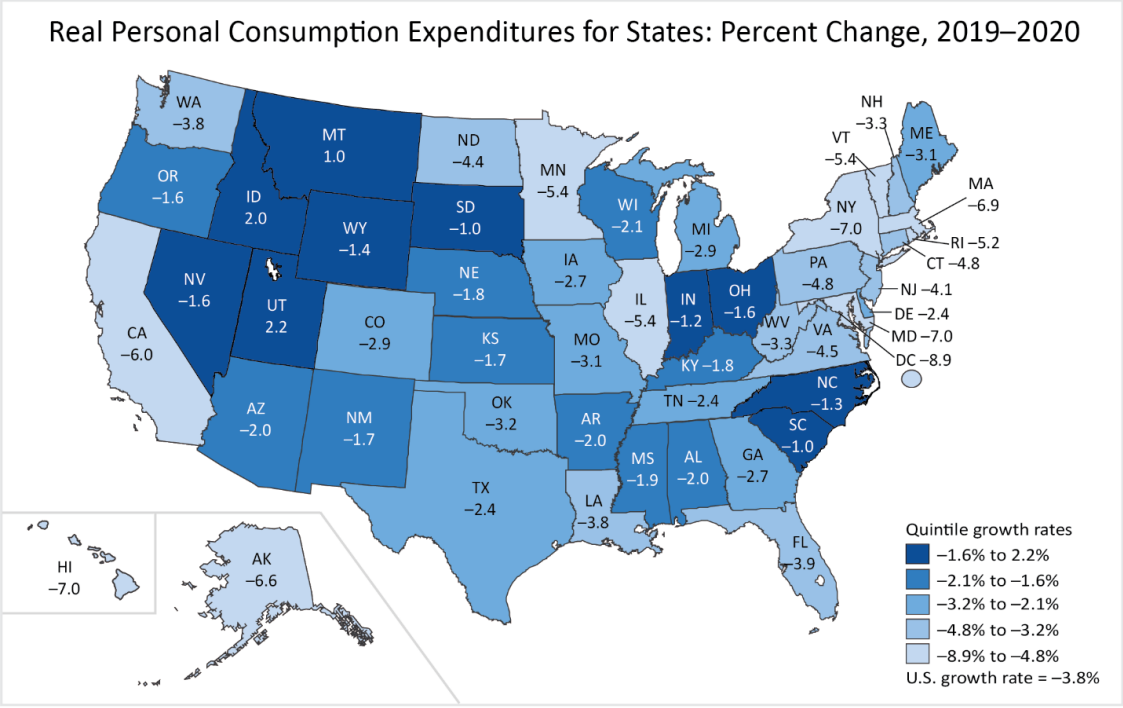
Real Personal Consumption Expenditures and Personal Income by State, 2020

Today, the U.S Bureau of Economic Analysis (BEA) released official statistics of real state personal consumption expenditures (PCE) for the first time. The new statistics cover the period from 2008 to 2020. Real PCE decreased 3.8 percent in 2020 for the nation after increasing 2.2 percent in 2019. Across states, the percent change ranged from 2.2 percent in Utah to –7.0 percent in Hawaii, Maryland, and New York; the percent change was –8.9 percent in the District of Columbia (table 1).



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In 2020, real PCE decreased in 47 states and the District of Columbia and increased in only three states: Utah (2.2 percent), Idaho (2.0 percent), and Montana (1.0 percent). Real state PCE is a state's current-dollar PCE adjusted by the state's regional price parity and the national PCE price index.

- In Utah, Idaho, and Montana current-dollar PCE increased while their implicit regional price deflators decreased 1.0 percent, 0.7 percent, and 0.6 percent respectively (table2).

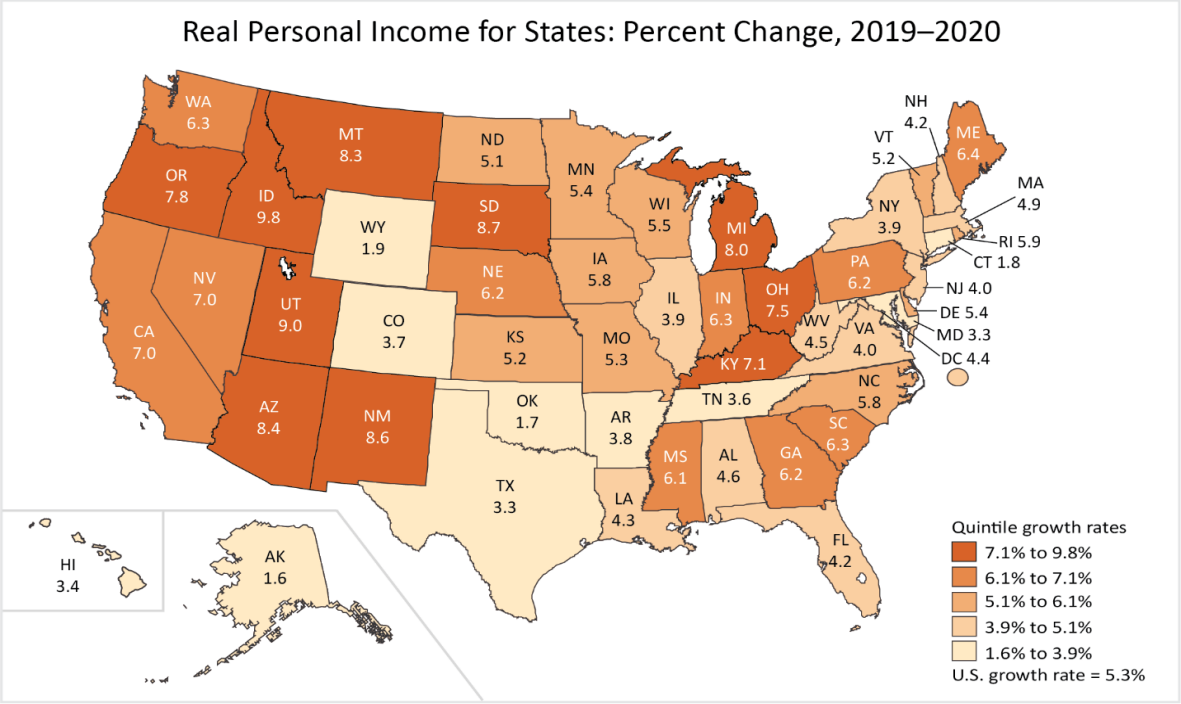
- New York, Maryland, and Hawaii had the largest decrease in real PCE. In all three states, current-dollar PCE decreased while their implicit regional price deflators increased 1.9 percent, 2.8 percent, and 1.8 percent respectively.

Coronavirus (COVID-19) Impact on 2020 Real PCE and Personal Income by State Estimates

The 2020 estimates of real PCE and personal income by state were impacted by the response to the spread of COVID-19, as governments issued and lifted "stay-at-home" orders and government pandemic assistance payments were distributed to households and businesses. The full economic effects of the COVID-19 pandemic cannot be quantified in the real PCE and personal income by state estimates because the impacts are generally embedded in source data and cannot be separately identified. For more information, see Federal Recovery Programs and BEA Statistics.

Real Personal Income

Real state personal income increased 5.3 percent in 2020 for the nation after increasing 2.6 percent in 2019. Across states, the percent change in real personal income ranged from 9.8 percent in Idaho to 1.6 percent in Alaska (table 1).



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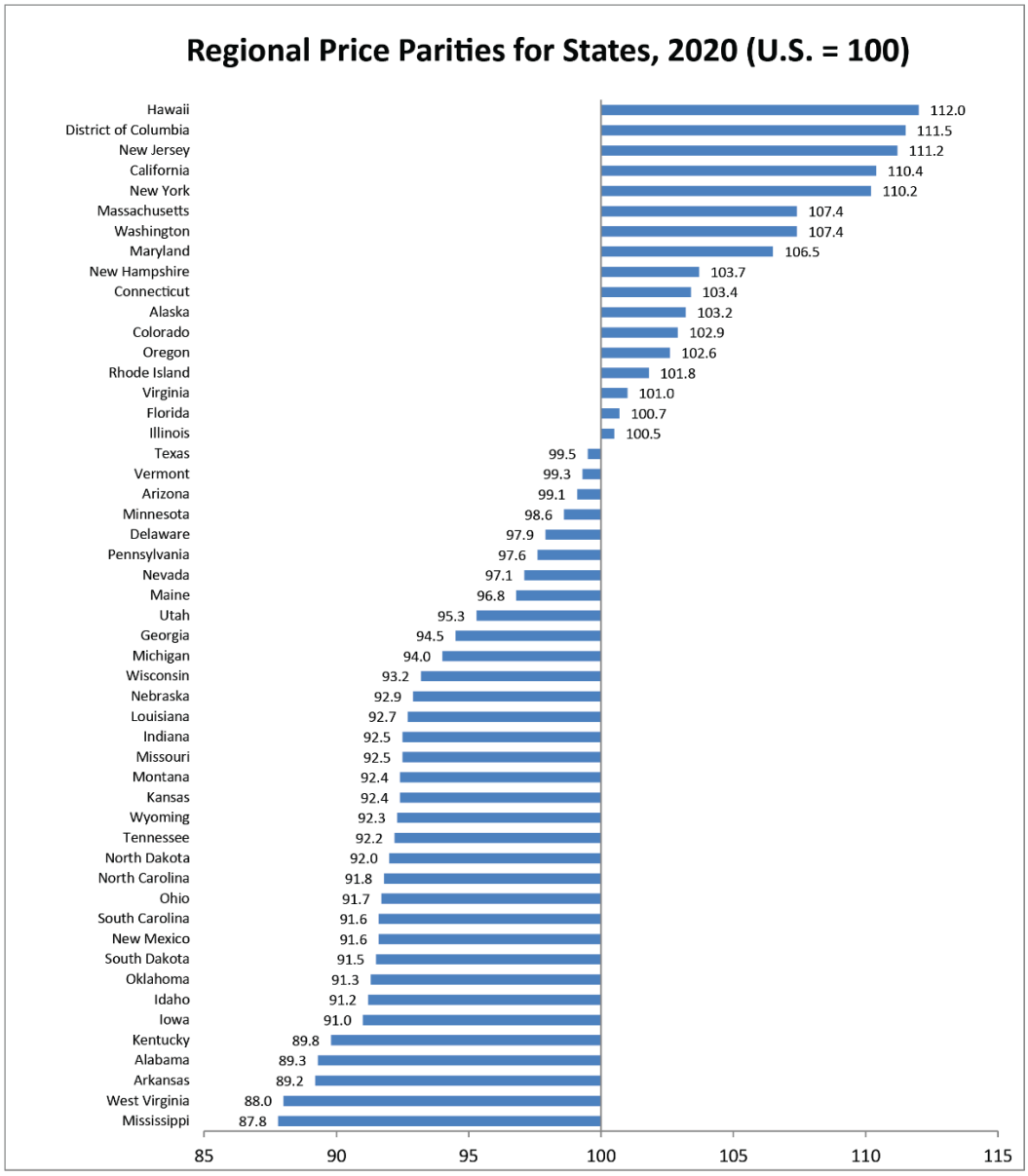
In 2020, real personal income increased in all 50 states and the District of Columbia.

- Idaho (9.8 percent) and Utah (9.0 percent) had the largest increases in real personal income. In both states, the implicit regional price deflator decreased.

- Alaska (1.6 percent) and Oklahoma had the smallest increases in real personal income. Their implicit regional price deflators increased 1.0 percent and 2.2 percent respectively.

Regional Price Parities

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



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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 (112.0), New Jersey (111.2), and California (110.4); the RPP in the District of Columbia was 111.5 (table 2).
- States with the lowest RPPs were Mississippi (87.8), West Virginia (88.0), and Arkansas (89.2).
- Across states, California had the highest RPP for housing rents (160.2) and Mississippi had the lowest (56.1); the RPP for housing rents in the District of Columbia was 168.9.

Updates to Real Personal Income by State and Metropolitan Area

The estimates for 2020 incorporate the results of BEA's annual update of real personal income for states and metropolitan areas that was also released today. The annual estimates of state and metropolitan area real personal income for 2008 to 2019 were revised. The update incorporates revised source data that are more complete and more detailed than previously available. The update includes the results of the July 2021 annual update of the National Income and Product Accounts, the September 2021 annual update of the state personal income statistics, and the November 2021 annual update of local area personal income statistics. The update also includes changes to RPP estimation methods. For a summary, see Regional Price Parity Methodology Revisions. A complete description of the source data and the methodology will be published in an upcoming *Survey of Current Business* article.

BEA state real per capita PCE statistics and real per capita personal income statistics for states and metropolitan areas are calculated using U.S. Census Bureau midyear population estimates. These annual midyear estimates are based on the 2010 census. BEA will incorporate the Census Bureau midyear population estimates based on the 2020 census results when they become available.

Next release: December 15, 2022
Real Personal Consumption Expenditures by State and
Real Personal Income by State and Metropolitan Area, 2021

Technical Notes on Regional Price Parities and Implicit Regional Price Deflators

Price indexes commonly measure price changes over time. The BEA PCE price index and the Bureau of Labor Statistics Consumer Price Index (CPI) are two examples. Spatial price indexes measure price level differences across regions for one 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 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 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.[1] Data on housing rents are obtained separately from the Census Bureau American Community Survey (ACS). The expenditure weights for each category are constructed using BEA PCE and Census ACS housing rents expenditures.[2]

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.[3]

For example, if the RPP for area A is 120 and for area B is 90, then on average, 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.

For a summary of changes to RPP estimation methods, see Regional Price Parity Methodology Revisions.

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 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.[4]

[1] The BEA RPP statistics are based in part on restricted access CPI data from the Bureau of Labor Statistics (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

- Information on COVID-19 and recovery impacts is available on our website.
- 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.
- For more on BEA's statistics, see our monthly online journal, the *Survey of Current Business*.
- For upcoming economic indicators, see BEA's news release schedule.
- Complete information on the sources and methods for the estimation of BEA's Regional Price Parities.

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 Bureau of Labor Statistics areas.[1] 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[2] for a given year and region.

Real PCE is PCE at RPPs divided by the national PCE price index. The result is real PCE in constant dollars (using 2012 as the reference year). Using Alabama in 2020 as an example:

(1) PCE is divided by the RPP	(2) PCE at RPPs is deflated by the U.S. PCE price index	(3) **2020 Alabama real PCE**
$176.5 / 0.893 = $197.7	$197.7 / 1.112 = $177.8	**$177.8**

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 2012 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 times the national PCE price index. It is equal to current-dollar PCE divided by real PCE.

[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.

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Table 1. Real Personal Consumption Expenditures and Real Personal Income, by State, 2019–2020

	Real personal consumption expenditures (millions of constant (2012) dollars)			Real personal income (millions of constant (2012) dollars)		
	2019	2020	Percent change	2019	2020	Percent change
United States[1]	**13,126,286**	**12,629,897**	**-3.8**	**16,740,966**	**17,628,680**	**5.3**
Alabama	181,497	177,777	-2.0	220,892	231,128	4.6
Alaska	33,234	31,034	-6.6	39,918	40,557	1.6
Arizona	265,846	260,537	-2.0	309,269	335,393	8.4
Arkansas	107,449	105,341	-2.0	139,474	144,752	3.8
California	1,590,887	1,495,471	-6.0	2,110,441	2,257,635	7.0
Colorado	243,780	236,761	-2.9	313,007	324,716	3.7
Connecticut	163,831	155,937	-4.8	239,392	243,771	1.8
Delaware	42,179	41,186	-2.4	48,406	51,007	5.4
District of Columbia	41,139	37,472	-8.9	47,837	49,926	4.4
Florida	880,137	846,225	-3.9	1,039,409	1,083,475	4.2
Georgia	399,576	388,721	-2.7	498,094	528,987	6.2
Hawaii	54,729	50,923	-7.0	64,277	66,459	3.4
Idaho	62,635	63,866	2.0	80,255	88,086	9.8
Illinois	523,707	495,383	-5.4	684,117	710,967	3.9
Indiana	253,292	250,131	-1.2	321,627	341,962	6.3
Iowa	120,650	117,418	-2.7	158,400	167,572	5.8
Kansas	112,138	110,176	-1.7	151,689	159,598	5.2
Kentucky	167,031	163,987	-1.8	198,813	212,898	7.1
Louisiana	174,896	168,266	-3.8	220,426	229,865	4.3
Maine	58,578	56,786	-3.1	64,095	68,204	6.4
Maryland	243,713	226,692	-7.0	331,592	342,623	3.3
Massachusetts	322,046	299,971	-6.9	432,902	453,962	4.9
Michigan	405,025	393,269	-2.9	471,494	508,997	8.0
Minnesota	241,972	229,002	-5.4	304,386	320,749	5.4
Mississippi	100,251	98,331	-1.9	121,042	128,413	6.1
Missouri	246,737	239,174	-3.1	294,591	310,065	5.3
Montana	44,027	44,466	1.0	51,922	56,249	8.3
Nebraska	78,606	77,155	-1.8	101,925	108,291	6.2
Nevada	115,825	113,991	-1.6	146,447	156,644	7.0
New Hampshire	63,389	61,306	-3.3	76,528	79,712	4.2
New Jersey	376,167	360,787	-4.1	508,882	529,339	4.0
New Mexico	74,224	72,931	-1.7	88,543	96,126	8.6
New York	843,572	784,534	-7.0	1,133,614	1,178,311	3.9
North Carolina	402,636	397,414	-1.3	494,940	523,633	5.8
North Dakota	34,364	32,852	-4.4	43,900	46,137	5.1
Ohio	464,436	457,103	-1.6	574,050	616,908	7.5
Oklahoma	139,754	135,341	-3.2	192,838	196,071	1.7
Oregon	158,886	156,276	-1.6	194,793	209,890	7.8
Pennsylvania	552,717	525,982	-4.8	686,213	729,034	6.2
Rhode Island	42,266	40,076	-5.2	53,749	56,936	5.9
South Carolina	194,260	192,240	-1.0	232,056	246,564	6.3
South Dakota	37,070	36,681	-1.0	47,953	52,148	8.7
Tennessee	258,131	251,970	-2.4	331,924	344,034	3.6
Texas	1,077,503	1,051,771	-2.4	1,419,982	1,466,416	3.3
Utah	112,047	114,548	2.2	147,218	160,506	9.0
Vermont	28,265	26,738	-5.4	31,828	33,490	5.2
Virginia	342,609	327,036	-4.5	456,929	475,342	4.0
Washington	308,355	296,641	-3.8	408,255	433,804	6.3
West Virginia	70,170	67,875	-3.3	78,754	82,332	4.5
Wisconsin	235,465	230,514	-2.1	297,321	313,788	5.5
Wyoming	24,188	23,844	-1.4	34,560	35,209	1.9
Maximum	1,590,887	1,495,471	2.2	2,110,441	2,257,635	9.8
Minimum	24,188	23,844	-8.9	31,828	33,490	1.6
Range	1,566,700	1,471,627	11.1	2,078,613	2,224,145	8.2

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.

Source. U.S. Bureau of Economic Analysis

Table 2. Regional Price Parities and Implicit Regional Price Deflators, by State, 2020

	Regional price parities					Implicit regional price deflators[1]	
	All items	Goods	Services			All items	Percent change from previous year
			Housing	Utilities	Other		
United States[2]	**100.0**	**99.7**	**100.4**	**98.2**	**100.2**	**111.2**	**1.2**
Alabama	89.3	95.1	60.1	118.4	97.8	99.3	1.4
Alaska	103.2	100.5	107.6	109.1	103.3	114.8	1.0
Arizona	99.1	99.5	95.6	102.9	99.9	110.2	1.8
Arkansas	89.2	95.1	56.6	103.2	99.8	99.2	2.1
California	110.4	106.0	160.2	95.4	101.9	122.8	1.6
Colorado	102.9	100.9	129.0	83.9	97.0	114.4	2.0
Connecticut	103.4	99.0	116.6	103.8	102.6	115.1	1.7
Delaware	97.9	94.8	96.8	100.0	100.3	108.9	0.1
District of Columbia	111.5	106.5	168.9	85.4	104.1	124.0	3.4
Florida	100.7	97.6	113.2	92.7	98.9	112.0	2.0
Georgia	94.5	96.1	83.5	109.7	97.0	105.2	0.9
Hawaii	112.0	111.9	150.2	104.9	100.7	124.6	1.8
Idaho	91.2	95.4	77.5	77.1	95.2	101.4	-0.7
Illinois	100.5	102.7	97.4	93.3	100.4	111.8	1.9
Indiana	92.5	95.2	72.7	105.4	97.8	102.9	0.2
Iowa	91.0	95.0	70.0	98.5	96.9	101.3	0.3
Kansas	92.4	95.4	72.1	112.3	97.1	102.7	0.4
Kentucky	89.8	95.1	62.8	102.0	97.3	99.9	1.0
Louisiana	92.7	95.8	70.6	100.2	99.8	103.1	2.2
Maine	96.8	99.0	82.8	69.8	103.0	107.6	1.5
Maryland	106.5	103.8	127.1	98.5	102.2	118.4	2.8
Massachusetts	107.4	105.0	132.2	98.2	102.9	119.5	1.9
Michigan	94.0	94.8	81.6	96.0	98.1	104.6	0.1
Minnesota	98.6	99.4	96.8	87.0	99.4	109.7	1.1
Mississippi	87.8	95.6	56.1	110.0	96.8	97.6	1.4
Missouri	92.5	98.3	71.5	106.0	95.9	102.9	0.6
Montana	92.4	95.9	79.4	80.8	95.8	102.8	-0.6
Nebraska	92.9	95.0	75.6	103.3	97.5	103.3	0.7
Nevada	97.1	96.3	104.6	96.7	94.8	108.0	-0.7
New Hampshire	103.7	101.5	112.9	87.1	103.2	115.4	1.5
New Jersey	111.2	106.7	141.0	103.7	106.5	123.6	1.4
New Mexico	91.6	96.8	75.2	87.1	95.2	101.8	-0.6
New York	110.2	106.9	135.1	94.2	106.3	122.6	1.9
North Carolina	91.8	95.4	75.5	99.2	95.7	102.1	0.8
North Dakota	92.0	95.6	71.8	81.5	97.1	102.4	1.0
Ohio	91.7	93.7	72.6	95.5	97.2	102.0	-0.5
Oklahoma	91.3	95.8	64.0	109.1	100.0	101.6	2.2
Oregon	102.6	103.4	109.0	88.8	100.6	114.1	0.3
Pennsylvania	97.6	97.4	88.0	95.2	101.0	108.5	0.8
Rhode Island	101.8	98.0	108.4	97.7	102.6	113.3	1.4
South Carolina	91.6	95.4	75.9	103.4	95.5	101.9	0.7
South Dakota	91.5	95.7	67.6	96.5	96.9	101.8	0.4
Tennessee	92.2	95.3	75.6	102.3	96.4	102.5	1.4
Texas	99.5	98.3	95.6	111.5	101.3	110.7	1.6
Utah	95.3	95.1	98.4	83.4	95.1	106.0	-1.0
Vermont	99.3	98.3	96.4	80.4	102.2	110.5	1.5
Virginia	101.0	100.2	107.7	99.4	99.3	112.3	1.9
Washington	107.4	108.1	124.6	89.3	102.5	119.4	1.4
West Virginia	88.0	95.4	57.0	100.0	96.1	97.8	0.8
Wisconsin	93.2	94.6	79.7	90.1	97.5	103.6	-0.2
Wyoming	92.3	96.9	76.3	88.6	96.0	102.6	-0.1
Maximum	112.0	111.9	168.9	118.4	106.5	124.6	3.4
Minimum	87.8	93.7	56.1	69.8	94.8	97.6	-1.0
Range	24.2	18.2	112.8	48.6	11.7	26.9	4.4

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

2. The U.S. all items regional price parities is the average price level across all states and the District of Columbia.

Source. U.S. Bureau of Economic Analysis

Table 3. Real Personal Income, by Metropolitan Area, 2019–2020

	Real personal income (millions of constant (2012) dollars)		
	2019	2020	Percent change
United States	**16,740,966**	**17,628,680**	**5.3**
Nonmetropolitan portion	1,974,121	2,115,441	7.2
Metropolitan Statistical Areas			
Abilene, TX	7,857	8,268	5.2
Akron, OH	35,130	37,354	6.3
Albany, GA	6,075	6,620	9.0
Albany-Lebanon, OR	5,071	5,590	10.2
Albany-Schenectady-Troy, NY	48,890	51,484	5.3
Albuquerque, NM	38,461	41,950	9.1
Alexandria, LA	6,793	7,114	4.7
Allentown-Bethlehem-Easton, PA-NJ	43,271	45,625	5.4
Altoona, PA	5,881	6,312	7.3
Amarillo, TX	12,467	12,751	2.3
Ames, IA	5,347	5,601	4.8
Anchorage, AK	21,978	22,321	1.6
Ann Arbor, MI	20,497	21,265	3.7
Anniston-Oxford, AL	4,461	4,655	4.4
Appleton, WI	12,200	12,829	5.2
Asheville, NC	21,796	22,782	4.5
Athens-Clarke County, GA	9,128	9,546	4.6
Atlanta-Sandy Springs-Alpharetta, GA	311,490	329,037	5.6
Atlantic City-Hammonton, NJ	12,671	13,525	6.7
Auburn-Opelika, AL	6,655	6,995	5.1
Augusta-Richmond County, GA-SC	26,523	28,410	7.1
Austin-Round Rock-Georgetown, TX	127,058	132,118	4.0
Bakersfield, CA	32,393	36,687	13.3
Baltimore-Columbia-Towson, MD	154,760	159,931	3.3
Bangor, ME	6,198	6,700	8.1
Barnstable Town, MA	13,846	14,464	4.5
Baton Rouge, LA	41,787	43,369	3.8
Battle Creek, MI	5,324	5,919	11.2
Bay City, MI	4,410	4,836	9.7
Beaumont-Port Arthur, TX	17,527	17,870	2.0
Beckley, WV	5,018	5,167	3.0
Bellingham, WA	10,115	10,761	6.4
Bend, OR	10,049	10,908	8.5
Billings, MT	9,419	10,027	6.5
Binghamton, NY	10,505	11,231	6.9
Birmingham-Hoover, AL	57,331	58,592	2.2
Bismarck, ND	7,414	7,625	2.8
Blacksburg-Christiansburg, VA	6,379	6,715	5.3
Bloomington, IL	8,132	8,967	10.3
Bloomington, IN	7,073	7,524	6.4
Bloomsburg-Berwick, PA	3,843	4,114	7.1
Boise City, ID	34,249	37,549	9.6
Boston-Cambridge-Newton, MA-NH	328,984	342,486	4.1
Boulder, CO	22,044	22,931	4.0
Bowling Green, KY	6,784	7,263	7.1
Bremerton-Silverdale-Port Orchard, WA	13,421	14,169	5.6
Bridgeport-Stamford-Norwalk, CT	97,368	96,881	-0.5
Brownsville-Harlingen, TX	13,105	14,372	9.7
Brunswick, GA	5,233	5,546	6.0
Buffalo-Cheektowaga, NY	55,448	59,223	6.8
Burlington, NC	7,020	7,531	7.3
Burlington-South Burlington, VT	11,604	12,055	3.9
California-Lexington Park, MD	6,226	6,542	5.1
Canton-Massillon, OH	18,570	19,943	7.4
Cape Coral-Fort Myers, FL	37,695	39,449	4.7
Cape Girardeau, MO-IL	4,257	4,487	5.4

Carbondale-Marion, IL	5,829	6,279	7.7
Carson City, NV	2,754	2,974	8.0
Casper, WY	5,499	5,451	-0.9
Cedar Rapids, IA	14,385	15,260	6.1
Chambersburg-Waynesboro, PA	7,196	7,699	7.0
Champaign-Urbana, IL	10,106	10,949	8.3
Charleston, WV	12,010	12,566	4.6
Charleston-North Charleston, SC	40,001	41,917	4.8
Charlotte-Concord-Gastonia, NC-SC	137,363	145,210	5.7
Charlottesville, VA	14,045	14,350	2.2
Chattanooga, TN-GA	26,429	27,874	5.5
Cheyenne, WY	5,161	5,370	4.0
Chicago-Naperville-Elgin, IL-IN-WI	535,412	548,046	2.4
Chico, CA	8,809	9,515	8.0
Cincinnati, OH-KY-IN	120,653	128,530	6.5
Clarksville, TN-KY	13,180	14,042	6.5
Cleveland, TN	5,121	5,374	4.9
Cleveland-Elyria, OH	109,395	116,732	6.7
Coeur d'Alene, ID	7,583	8,234	8.6
College Station-Bryan, TX	10,818	11,215	3.7
Colorado Springs, CO	34,719	37,642	8.4
Columbia, MO	9,778	10,342	5.8
Columbia, SC	38,689	41,024	6.0
Columbus, GA-AL	13,843	14,789	6.8
Columbus, IN	4,366	4,608	5.5
Columbus, OH	106,335	115,261	8.4
Corpus Christi, TX	18,994	19,271	1.5
Corvallis, OR	3,971	4,172	5.1
Crestview-Fort Walton Beach-Destin, FL	14,969	15,960	6.6
Cumberland, MD-WV	4,153	4,395	5.8
Dallas-Fort Worth-Arlington, TX	394,008	406,913	3.3
Dalton, GA	5,608	5,988	6.8
Danville, IL	3,162	3,549	12.2
Daphne-Fairhope-Foley, AL	10,217	10,887	6.6
Davenport-Moline-Rock Island, IA-IL	18,622	19,996	7.4
Dayton-Kettering, OH	38,981	41,951	7.6
Decatur, AL	6,521	6,946	6.5
Decatur, IL	5,101	5,521	8.2
Deltona-Daytona Beach-Ormond Beach, FL	28,773	30,183	4.9
Denver-Aurora-Lakewood, CO	174,742	175,713	0.6
Des Moines-West Des Moines, IA	36,848	39,123	6.2
Detroit-Warren-Dearborn, MI	218,858	233,525	6.7
Dothan, AL	6,724	7,043	4.7
Dover, DE	7,627	8,141	6.7
Dubuque, IA	4,988	5,309	6.4
Duluth, MN-WI	13,880	14,642	5.5
Durham-Chapel Hill, NC	34,068	35,595	4.5
East Stroudsburg, PA	6,914	7,443	7.7
Eau Claire, WI	8,046	8,588	6.7
El Centro, CA	6,461	7,751	20.0
Elizabethtown-Fort Knox, KY	6,779	7,253	7.0
Elkhart-Goshen, IN	9,485	10,136	6.9
Elmira, NY	3,645	3,851	5.7
El Paso, TX	32,317	34,198	5.8
Enid, OK	2,862	2,878	0.6
Erie, PA	12,075	12,967	7.4
Eugene-Springfield, OR	15,891	17,160	8.0
Evansville, IN-KY	15,465	16,367	5.8
Fairbanks, AK	5,053	5,178	2.5
Fargo, ND-MN	13,197	13,884	5.2
Farmington, NM	4,452	4,736	6.4
Fayetteville, NC	20,337	21,798	7.2
Fayetteville-Springdale-Rogers, AR	36,393	37,209	2.2

Flagstaff, AZ	6,356	6,875	8.2
Flint, MI	16,995	18,790	10.6
Florence, SC	8,884	9,445	6.3
Florence-Muscle Shoals, AL	6,284	6,710	6.8
Fond du Lac, WI	5,044	5,358	6.2
Fort Collins, CO	17,888	19,079	6.7
Fort Smith, AR-OK	9,963	10,331	3.7
Fort Wayne, IN	19,386	20,625	6.4
Fresno, CA	38,839	43,887	13.0
Gadsden, AL	4,130	4,307	4.3
Gainesville, FL	14,256	15,176	6.5
Gainesville, GA	9,252	9,772	5.6
Gettysburg, PA	4,958	5,215	5.2
Glens Falls, NY	5,744	6,141	6.9
Goldsboro, NC	5,065	5,383	6.3
Grand Forks, ND-MN	5,109	5,611	9.8
Grand Island, NE	3,401	3,632	6.8
Grand Junction, CO	6,692	7,182	7.3
Grand Rapids-Kentwood, MI	51,576	55,680	8.0
Grants Pass, OR	3,527	3,803	7.8
Great Falls, MT	4,162	4,444	6.8
Greeley, CO	14,459	15,955	10.3
Green Bay, WI	16,586	17,561	5.9
Greensboro-High Point, NC	34,516	36,569	5.9
Greenville, NC	7,806	8,245	5.6
Greenville-Anderson, SC	41,841	44,233	5.7
Gulfport-Biloxi, MS	15,930	17,121	7.5
Hagerstown-Martinsburg, MD-WV	12,768	13,657	7.0
Hammond, LA	5,320	5,686	6.9
Hanford-Corcoran, CA	5,225	6,001	14.8
Harrisburg-Carlisle, PA	29,789	31,782	6.7
Harrisonburg, VA	5,334	5,659	6.1
Hartford-East Hartford-Middletown, CT	68,881	70,991	3.1
Hattiesburg, MS	6,747	7,152	6.0
Hickory-Lenoir-Morganton, NC	15,559	16,584	6.6
Hilton Head Island-Bluffton, SC	11,534	12,051	4.5
Hinesville, GA	2,793	3,015	8.0
Homosassa Springs, FL	5,880	6,274	6.7
Hot Springs, AR	4,338	4,567	5.3
Houma-Thibodaux, LA	9,217	9,631	4.5
Houston-The Woodlands-Sugar Land, TX	373,312	386,506	3.5
Huntington-Ashland, WV-KY-OH	15,448	16,410	6.2
Huntsville, AL	24,466	26,014	6.3
Idaho Falls, ID	7,398	7,960	7.6
Indianapolis-Carmel-Anderson, IN	113,712	120,441	5.9
Iowa City, IA	9,225	9,476	2.7
Ithaca, NY	4,118	4,266	3.6
Jackson, MI	6,198	6,858	10.7
Jackson, MS	27,099	28,314	4.5
Jackson, TN	8,039	8,483	5.5
Jacksonville, FL	77,278	82,034	6.2
Jacksonville, NC	8,274	8,748	5.7
Janesville-Beloit, WI	7,308	7,784	6.5
Jefferson City, MO	6,798	7,294	7.3
Johnson City, TN	8,691	9,145	5.2
Johnstown, PA	6,269	6,701	6.9
Jonesboro, AR	5,338	5,629	5.4
Joplin, MO	7,547	7,851	4.0
Kahului-Wailuku-Lahaina, HI	7,111	7,209	1.4
Kalamazoo-Portage, MI	12,655	13,525	6.9
Kankakee, IL	4,499	4,897	8.8
Kansas City, MO-KS	115,144	120,261	4.4
Kennewick-Richland, WA	12,100	13,190	9.0

Killeen-Temple, TX	19,445	20,426	5.0
Kingsport-Bristol, TN-VA	13,087	13,697	4.7
Kingston, NY	8,484	8,855	4.4
Knoxville, TN	41,749	43,706	4.7
Kokomo, IN	3,517	3,744	6.5
La Crosse-Onalaska, WI-MN	6,864	7,252	5.7
Lafayette, LA	21,965	22,957	4.5
Lafayette-West Lafayette, IN	9,088	9,695	6.7
Lake Charles, LA	10,522	10,598	0.7
Lake Havasu City-Kingman, AZ	7,429	8,141	9.6
Lakeland-Winter Haven, FL	26,161	28,455	8.8
Lancaster, PA	27,679	29,256	5.7
Lansing-East Lansing, MI	22,469	24,531	9.2
Laredo, TX	9,125	9,574	4.9
Las Cruces, NM	8,312	9,107	9.6
Las Vegas-Henderson-Paradise, NV	103,282	110,255	6.8
Lawrence, KS	5,369	5,634	4.9
Lawton, OK	5,522	5,748	4.1
Lebanon, PA	6,591	7,005	6.3
Lewiston, ID-WA	2,928	3,219	9.9
Lewiston-Auburn, ME	4,358	4,672	7.2
Lexington-Fayette, KY	25,314	26,505	4.7
Lima, OH	4,472	4,812	7.6
Lincoln, NE	16,419	17,252	5.1
Little Rock-North Little Rock-Conway, AR	34,956	36,407	4.2
Logan, UT-ID	5,784	6,349	9.8
Longview, TX	12,325	12,451	1.0
Longview, WA	4,632	4,985	7.6
Los Angeles-Long Beach-Anaheim, CA	708,868	738,256	4.1
Louisville/Jefferson County, KY-IN	65,784	69,390	5.5
Lubbock, TX	13,975	14,267	2.1
Lynchburg, VA	10,847	11,582	6.8
Macon-Bibb County, GA	9,821	10,521	7.1
Madera, CA	5,694	6,586	15.7
Madison, WI	38,151	40,100	5.1
Manchester-Nashua, NH	23,206	24,184	4.2
Manhattan, KS	5,906	6,247	5.8
Mankato, MN	4,686	5,080	8.4
Mansfield, OH	5,010	5,483	9.4
McAllen-Edinburg-Mission, TX	25,361	27,813	9.7
Medford, OR	9,561	10,424	9.0
Memphis, TN-MS-AR	63,681	67,168	5.5
Merced, CA	9,566	11,163	16.7
Miami-Fort Lauderdale-Pompano Beach, FL	316,847	325,216	2.6
Michigan City-La Porte, IN	4,756	5,092	7.1
Midland, MI	4,468	4,747	6.2
Midland, TX	22,133	19,797	-10.6
Milwaukee-Waukesha, WI	85,676	89,811	4.8
Minneapolis-St. Paul-Bloomington, MN-WI	208,012	215,049	3.4
Missoula, MT	5,955	6,377	7.1
Mobile, AL	17,589	18,515	5.3
Modesto, CA	21,039	23,667	12.5
Monroe, LA	8,758	9,251	5.6
Monroe, MI	7,148	7,712	7.9
Montgomery, AL	16,781	17,613	5.0
Morgantown, WV	6,180	6,432	4.1
Morristown, TN	5,561	5,919	6.4
Mount Vernon-Anacortes, WA	6,092	6,611	8.5
Muncie, IN	4,441	4,764	7.3
Muskegon, MI	6,745	7,514	11.4
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	19,983	21,629	8.2
Napa, CA	8,324	9,077	9.0
Naples-Marco Island, FL	36,134	36,530	1.1

Nashville-Davidson--Murfreesboro--Franklin, TN	112,582	113,318	0.7
New Bern, NC	5,636	5,988	6.2
New Haven-Milford, CT	43,324	45,102	4.1
New Orleans-Metairie, LA	66,401	68,640	3.4
New York-Newark-Jersey City, NY-NJ-PA	1,192,216	1,230,688	3.2
Niles, MI	7,597	8,262	8.8
North Port-Sarasota-Bradenton, FL	45,809	47,583	3.9
Norwich-New London, CT	13,945	14,421	3.4
Ocala, FL	13,916	15,105	8.5
Ocean City, NJ	5,296	5,542	4.6
Odessa, TX	8,020	7,542	-6.0
Ogden-Clearfield, UT	29,587	32,356	9.4
Oklahoma City, OK	71,326	72,296	1.4
Olympia-Lacey-Tumwater, WA	13,153	14,289	8.6
Omaha-Council Bluffs, NE-IA	52,792	55,165	4.5
Orlando-Kissimmee-Sanford, FL	110,623	116,449	5.3
Oshkosh-Neenah, WI	8,240	8,573	4.0
Owensboro, KY	5,112	5,479	7.2
Oxnard-Thousand Oaks-Ventura, CA	43,616	45,966	5.4
Palm Bay-Melbourne-Titusville, FL	27,504	29,187	6.1
Panama City, FL	7,749	8,175	5.5
Parkersburg-Vienna, WV	4,243	4,347	2.5
Pensacola-Ferry Pass-Brent, FL	22,190	23,730	6.9
Peoria, IL	19,531	21,070	7.9
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	353,144	375,842	6.4
Phoenix-Mesa-Chandler, AZ	216,149	230,923	6.8
Pine Bluff, AR	3,364	3,526	4.8
Pittsburgh, PA	131,885	138,716	5.2
Pittsfield, MA	6,733	7,121	5.8
Pocatello, ID	3,795	4,196	10.6
Portland-South Portland, ME	29,504	31,046	5.2
Portland-Vancouver-Hillsboro, OR-WA	126,111	134,243	6.4
Port St. Lucie, FL	26,333	27,533	4.6
Poughkeepsie-Newburgh-Middletown, NY	30,880	32,679	5.8
Prescott Valley-Prescott, AZ	9,236	10,310	11.6
Providence-Warwick, RI-MA	82,570	88,176	6.8
Provo-Orem, UT	26,255	28,970	10.3
Pueblo, CO	6,584	7,339	11.5
Punta Gorda, FL	7,809	8,295	6.2
Racine, WI	9,712	10,174	4.8
Raleigh-Cary, NC	77,111	81,601	5.8
Rapid City, SD	7,269	7,764	6.8
Reading, PA	20,282	21,693	7.0
Redding, CA	7,540	8,354	10.8
Reno, NV	27,202	29,013	6.7
Richmond, VA	71,875	75,385	4.9
Riverside-San Bernardino-Ontario, CA	167,271	184,720	10.4
Roanoke, VA	14,679	15,597	6.3
Rochester, MN	11,818	12,719	7.6
Rochester, NY	52,512	55,370	5.4
Rockford, IL	14,681	15,798	7.6
Rocky Mount, NC	6,372	6,769	6.2
Rome, GA	3,919	4,171	6.4
Sacramento-Roseville-Folsom, CA	115,389	124,966	8.3
Saginaw, MI	8,108	8,853	9.2
St. Cloud, MN	9,257	10,032	8.4
St. George, UT	7,081	7,778	9.8
St. Joseph, MO-KS	5,081	5,353	5.4
St. Louis, MO-IL	154,637	160,991	4.1
Salem, OR	17,134	18,622	8.7
Salinas, CA	20,183	21,604	7.0
Salisbury, MD-DE	20,224	21,247	5.1
Salt Lake City, UT	61,280	66,446	8.4

San Angelo, TX	6,108	6,141	0.5
San Antonio-New Braunfels, TX	115,868	119,468	3.1
San Diego-Chula Vista-Carlsbad, CA	165,233	175,790	6.4
San Francisco-Oakland-Berkeley, CA	374,500	401,152	7.1
San Jose-Sunnyvale-Santa Clara, CA	182,034	193,004	6.0
San Luis Obispo-Paso Robles, CA	13,798	14,501	5.1
Santa Cruz-Watsonville, CA	15,650	16,914	8.1
Santa Fe, NM	8,653	9,150	5.7
Santa Maria-Santa Barbara, CA	23,109	24,769	7.2
Santa Rosa-Petaluma, CA	26,443	28,735	8.7
Savannah, GA	18,201	19,364	6.4
Scranton--Wilkes-Barre, PA	25,552	27,478	7.5
Seattle-Tacoma-Bellevue, WA	248,517	260,581	4.9
Sebastian-Vero Beach, FL	12,728	13,027	2.4
Sebring-Avon Park, FL	3,669	3,959	7.9
Sheboygan, WI	6,035	6,332	4.9
Sherman-Denison, TX	5,944	6,215	4.6
Shreveport-Bossier City, LA	19,277	20,348	5.6
Sierra Vista-Douglas, AZ	5,174	5,932	14.7
Sioux City, IA-NE-SD	7,677	8,163	6.3
Sioux Falls, SD	16,602	17,615	6.1
South Bend-Mishawaka, IN-MI	15,149	16,220	7.1
Spartanburg, SC	14,264	15,237	6.8
Spokane-Spokane Valley, WA	24,220	26,089	7.7
Springfield, IL	10,087	10,814	7.2
Springfield, MA	34,889	37,085	6.3
Springfield, MO	20,329	21,254	4.5
Springfield, OH	5,604	6,107	9.0
State College, PA	7,177	7,425	3.5
Staunton, VA	5,607	5,979	6.6
Stockton, CA	29,978	34,606	15.4
Sumter, SC	5,724	6,126	7.0
Syracuse, NY	31,535	33,545	6.4
Tallahassee, FL	16,672	17,613	5.6
Tampa-St. Petersburg-Clearwater, FL	149,393	154,509	3.4
Terre Haute, IN	7,339	7,958	8.4
Texarkana, TX-AR	5,994	6,257	4.4
The Villages, FL	6,816	7,155	5.0
Toledo, OH	30,606	32,752	7.0
Topeka, KS	11,021	11,690	6.1
Trenton-Princeton, NJ	23,101	23,702	2.6
Tucson, AZ	44,510	49,387	11.0
Tulsa, OK	56,229	56,785	1.0
Tuscaloosa, AL	10,259	10,819	5.5
Twin Falls, ID	4,529	4,995	10.3
Tyler, TX	12,451	12,532	0.7
Urban Honolulu, HI	46,678	48,016	2.9
Utica-Rome, NY	13,017	13,827	6.2
Valdosta, GA	5,647	6,104	8.1
Vallejo, CA	19,494	21,838	12.0
Victoria, TX	5,057	5,047	-0.2
Vineland-Bridgeton, NJ	5,821	6,217	6.8
Virginia Beach-Norfolk-Newport News, VA-NC	83,791	89,047	6.3
Visalia, CA	17,228	20,098	16.7
Waco, TX	11,352	12,023	5.9
Walla Walla, WA	2,628	2,924	11.3
Warner Robins, GA	8,034	8,652	7.7
Washington-Arlington-Alexandria, DC-VA-MD-WV	383,893	392,976	2.4
Waterloo-Cedar Falls, IA	7,797	8,290	6.3
Watertown-Fort Drum, NY	5,301	5,652	6.6
Wausau-Weston, WI	8,368	8,895	6.3
Weirton-Steubenville, WV-OH	5,137	5,504	7.2
Wenatchee, WA	5,462	6,010	10.0

Wheeling, WV-OH	6,860	6,965	1.5
Wichita, KS	33,282	34,765	4.5
Wichita Falls, TX	6,820	7,039	3.2
Williamsport, PA	5,016	5,396	7.6
Wilmington, NC	13,224	13,887	5.0
Winchester, VA-WV	6,770	7,152	5.7
Winston-Salem, NC	31,457	33,187	5.5
Worcester, MA-CT	49,123	52,387	6.6
Yakima, WA	10,394	11,630	11.9
York-Hanover, PA	22,022	23,324	5.9
Youngstown-Warren-Boardman, OH-PA	23,537	25,540	8.5
Yuba City, CA	6,916	7,808	12.9
Yuma, AZ	7,541	9,042	19.9
Maximum	1,192,216	1,230,688	20.0
Minimum	2,628	2,878	-10.6
Range	1,189,589	1,227,810	30.6

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

Source. U.S. Bureau of Economic Analysis

Table 4. Regional Price Parities and Implicit Regional Price Deflators, by Metropolitan Area, 2020

	Regional price parities					Implicit regional price deflators[1]	
	All items	Goods	Services			All items	Percent change from previous year
			Housing	Utilities	Other		
United States[2]	**100.0**	**99.7**	**100.4**	**98.2**	**100.2**	**111.2**	**1.2**
Nonmetropolitan portion	89.0	96.1	61.5	98.4	97.7	99.0	0.5
Metropolitan Statistical Areas							
Abilene, TX	94.4	97.0	80.0	111.6	99.8	105.0	2.9
Akron, OH	93.0	93.7	78.8	95.5	97.3	103.4	-0.4
Albany, GA	84.6	95.0	49.6	109.6	95.3	94.1	0.3
Albany-Lebanon, OR	101.7	103.4	103.3	88.8	100.6	113.1	0.3
Albany-Schenectady-Troy, NY	100.3	98.4	106.1	94.1	99.9	111.6	2.1
Albuquerque, NM	94.3	96.8	87.9	87.2	95.2	104.9	-0.5
Alexandria, LA	91.8	95.8	66.5	100.0	99.8	102.1	2.1
Allentown-Bethlehem-Easton, PA-NJ	99.1	98.5	99.6	96.1	99.5	110.3	1.7
Altoona, PA	90.2	98.5	56.3	95.2	99.5	100.3	1.3
Amarillo, TX	96.2	97.0	84.1	111.6	99.8	107.0	2.6
Ames, IA	94.8	95.0	88.9	98.6	96.9	105.4	0.5
Anchorage, AK	104.3	98.9	115.7	109.1	104.6	116.0	1.2
Ann Arbor, MI	99.0	93.5	120.8	95.9	97.6	110.1	0.0
Anniston-Oxford, AL	88.4	95.1	54.0	118.3	97.8	98.4	1.7
Appleton, WI	92.5	94.2	76.7	90.2	97.3	102.8	-0.4
Asheville, NC	92.1	95.4	78.2	99.2	95.7	102.4	0.9
Athens-Clarke County, GA	90.1	95.0	67.6	109.6	95.3	100.2	0.6
Atlanta-Sandy Springs-Alpharetta, GA	98.2	96.7	100.8	109.7	97.8	109.2	1.0
Atlantic City-Hammonton, NJ	97.9	98.5	92.3	103.6	99.6	108.9	1.8
Auburn-Opelika, AL	91.4	95.1	70.5	118.4	97.8	101.7	1.1
Augusta-Richmond County, GA-SC	90.9	95.1	72.1	107.6	95.4	101.2	0.7
Austin-Round Rock-Georgetown, TX	101.8	97.0	121.1	111.6	99.8	113.2	3.0
Bakersfield, CA	99.2	103.2	88.0	95.3	101.4	110.3	0.2
Baltimore-Columbia-Towson, MD	105.4	102.9	122.7	98.4	101.9	117.2	2.9
Bangor, ME	96.7	99.0	82.1	69.8	103.0	107.5	1.6
Barnstable Town, MA	107.0	98.8	133.3	98.0	101.3	119.0	2.4
Baton Rouge, LA	94.7	95.8	79.1	100.2	99.8	105.3	2.3
Battle Creek, MI	91.1	93.5	72.4	95.9	97.6	101.3	-0.6
Bay City, MI	91.3	93.5	68.8	96.0	97.6	101.6	-0.4
Beaumont-Port Arthur, TX	93.5	97.0	68.5	111.5	99.8	103.9	2.6
Beckley, WV	86.2	95.2	52.6	100.1	95.9	95.9	0.6
Bellingham, WA	102.3	103.8	104.3	89.4	101.2	113.8	0.6
Bend, OR	102.2	103.4	105.4	88.8	100.6	113.7	0.3
Billings, MT	93.7	95.9	85.0	80.8	95.8	104.3	-0.6
Binghamton, NY	94.7	98.4	79.5	94.2	99.9	105.3	1.4
Birmingham-Hoover, AL	92.6	95.1	71.9	118.5	97.8	103.0	1.5
Bismarck, ND	94.2	95.6	83.4	81.6	97.1	104.8	1.1
Blacksburg-Christiansburg, VA	91.5	95.0	76.5	99.3	95.5	101.8	1.0
Bloomington, IL	94.2	94.0	84.8	93.3	97.6	104.8	-0.4
Bloomington, IN	94.3	94.0	85.6	105.4	97.4	104.9	0.1
Bloomsburg-Berwick, PA	92.3	98.5	66.7	95.2	99.5	102.7	1.1
Boise City, ID	93.5	95.2	88.4	77.2	95.1	104.0	-0.7
Boston-Cambridge-Newton, MA-NH	110.2	107.8	148.7	97.1	103.5	122.6	1.8
Boulder, CO	102.6	95.9	159.6	83.9	94.2	114.1	-0.5
Bowling Green, KY	89.3	95.3	60.7	101.9	97.2	99.3	1.1
Bremerton-Silverdale-Port Orchard, WA	105.5	103.8	124.3	89.2	101.2	117.3	0.8
Bridgeport-Stamford-Norwalk, CT	105.6	99.0	140.4	103.8	102.6	117.4	1.8
Brownsville-Harlingen, TX	89.8	97.0	61.1	111.5	99.8	99.8	2.2
Brunswick, GA	87.8	95.0	61.7	109.6	95.3	97.6	0.7
Buffalo-Cheektowaga, NY	95.7	98.4	80.0	94.3	99.9	106.4	1.6
Burlington, NC	90.3	95.4	70.4	99.1	95.7	100.4	0.7
Burlington-South Burlington, VT	102.3	98.3	116.6	80.4	102.2	113.8	1.8
California-Lexington Park, MD	96.8	95.4	102.0	98.3	95.9	107.6	1.4
Canton-Massillon, OH	88.4	93.7	59.0	95.5	97.3	98.4	-0.5
Cape Coral-Fort Myers, FL	99.0	95.1	113.8	92.7	96.2	110.1	1.4
Cape Girardeau, MO-IL	89.5	95.1	61.5	104.6	96.5	99.5	0.2
Carbondale-Marion, IL	86.3	94.0	53.0	93.2	97.6	96.0	-0.4
Carson City, NV	96.1	96.3	98.7	96.9	94.8	106.9	-0.7

Casper, WY	91.6	96.9	71.9	88.6	96.0	101.9	0.0
Cedar Rapids, IA	90.7	95.0	71.3	98.6	96.9	100.9	0.0
Chambersburg-Waynesboro, PA	94.9	98.5	75.8	95.1	99.5	105.5	1.3
Champaign-Urbana, IL	92.9	94.0	79.8	93.2	97.6	103.3	-0.3
Charleston, WV	88.8	95.2	59.8	100.1	95.9	98.7	0.9
Charleston-North Charleston, SC	97.7	95.4	107.7	103.5	95.5	108.6	1.0
Charlotte-Concord-Gastonia, NC-SC	94.6	95.4	89.1	99.9	95.7	105.2	0.9
Charlottesville, VA	96.6	95.0	102.3	99.3	95.5	107.5	1.2
Chattanooga, TN-GA	92.0	95.1	74.9	104.2	96.3	102.4	1.3
Cheyenne, WY	93.2	96.9	79.5	88.6	96.0	103.6	-0.3
Chicago-Naperville-Elgin, IL-IN-WI	104.8	105.5	116.9	94.4	101.7	116.6	2.7
Chico, CA	101.5	103.2	99.8	95.2	101.4	112.9	0.3
Cincinnati, OH-KY-IN	93.5	93.7	80.4	96.9	97.3	104.0	-0.4
Clarksville, TN-KY	90.8	95.3	69.2	102.2	96.6	100.9	1.4
Cleveland, TN	88.3	95.3	57.3	102.2	96.4	98.2	1.5
Cleveland-Elyria, OH	93.0	93.7	79.9	95.6	97.3	103.4	-0.5
Coeur d'Alene, ID	91.6	95.2	80.2	77.1	95.1	101.8	-0.6
College Station-Bryan, TX	95.1	97.0	78.2	111.3	99.8	105.7	2.6
Colorado Springs, CO	97.9	95.9	116.8	83.8	94.2	108.9	-0.8
Columbia, MO	92.5	95.1	78.4	105.9	96.5	102.8	0.1
Columbia, SC	91.3	95.4	73.1	103.4	95.5	101.6	0.7
Columbus, GA-AL	88.1	95.1	61.6	111.4	95.4	98.0	0.6
Columbus, IN	92.3	94.0	72.5	105.3	97.4	102.7	-0.2
Columbus, OH	94.2	93.7	85.8	95.5	97.3	104.8	-0.5
Corpus Christi, TX	96.8	97.0	87.1	111.6	99.8	107.7	2.6
Corvallis, OR	101.7	103.4	103.3	88.8	100.6	113.1	0.3
Crestview-Fort Walton Beach-Destin, FL	96.0	95.1	97.9	92.7	96.2	106.8	1.2
Cumberland, MD-WV	88.1	95.3	61.9	99.1	95.9	98.0	1.1
Dallas-Fort Worth-Arlington, TX	105.1	102.9	112.5	111.6	104.1	116.9	2.0
Dalton, GA	88.4	95.0	63.0	109.6	95.3	98.4	0.3
Danville, IL	84.8	94.0	53.0	93.2	97.6	94.3	-1.1
Daphne-Fairhope-Foley, AL	96.9	95.1	95.5	118.5	97.8	107.7	1.7
Davenport-Moline-Rock Island, IA-IL	91.4	95.2	71.7	95.6	96.8	101.7	0.2
Dayton-Kettering, OH	91.2	93.7	69.7	95.5	97.3	101.4	-0.5
Decatur, AL	85.9	95.1	49.9	118.3	97.8	95.5	0.5
Decatur, IL	87.9	94.0	59.1	93.1	97.6	97.8	-0.7
Deltona-Daytona Beach-Ormond Beach, FL	96.0	95.1	97.4	92.7	96.2	106.7	1.2
Denver-Aurora-Lakewood, CO	107.3	105.2	146.1	83.9	99.4	119.3	4.5
Des Moines-West Des Moines, IA	94.9	95.0	87.9	98.6	96.9	105.5	0.5
Detroit-Warren-Dearborn, MI	97.1	96.4	93.6	96.1	98.7	108.0	0.6
Dothan, AL	87.3	95.1	53.2	118.4	97.8	97.1	1.5
Dover, DE	94.9	95.2	93.7	99.9	95.0	105.5	1.0
Dubuque, IA	90.8	95.0	69.4	98.5	96.9	101.0	0.4
Duluth, MN-WI	88.6	95.6	68.1	87.4	95.3	98.5	-0.1
Durham-Chapel Hill, NC	93.8	95.4	84.6	99.2	95.7	104.4	0.9
East Stroudsburg, PA	99.9	98.5	103.4	95.0	99.5	111.1	2.0
Eau Claire, WI	92.1	94.2	76.6	90.1	97.3	102.5	-0.5
El Centro, CA	93.4	103.2	65.5	95.5	101.4	103.9	-0.3
Elizabethtown-Fort Knox, KY	89.8	95.3	65.2	101.8	97.2	99.9	1.2
Elkhart-Goshen, IN	91.6	94.0	75.7	105.2	97.4	101.9	-0.3
Elmira, NY	95.7	98.4	81.7	94.2	99.9	106.5	1.6
El Paso, TX	93.2	97.0	71.7	111.7	99.8	103.7	2.5
Enid, OK	89.2	95.8	54.6	109.0	100.0	99.2	2.4
Erie, PA	94.4	98.5	74.2	95.2	99.5	105.0	1.4
Eugene-Springfield, OR	99.9	103.4	93.7	88.7	100.6	111.1	0.2
Evansville, IN-KY	90.0	94.0	65.6	105.0	97.4	100.1	-0.4
Fairbanks, AK	103.8	98.9	109.5	109.0	104.6	115.5	1.2
Fargo, ND-MN	94.0	95.6	83.4	83.2	96.8	104.5	0.8
Farmington, NM	90.2	96.8	70.3	87.1	95.2	100.3	-0.6
Fayetteville, NC	89.8	95.4	68.1	99.2	95.7	99.9	0.8
Fayetteville-Springdale-Rogers, AR	93.3	95.1	71.5	103.2	99.9	103.8	2.1
Flagstaff, AZ	99.2	96.3	112.6	103.0	94.5	110.4	-0.6
Flint, MI	89.7	93.5	68.2	96.0	97.6	99.8	-0.6
Florence, SC	88.1	95.4	61.7	103.3	95.5	98.0	0.3
Florence-Muscle Shoals, AL	82.4	95.1	41.5	118.4	97.8	91.7	0.8
Fond du Lac, WI	91.6	94.2	71.6	90.2	97.3	101.8	-0.5
Fort Collins, CO	100.1	95.9	130.8	83.9	94.2	111.4	-0.6

Fort Smith, AR-OK	89.3	95.2	58.1	104.1	99.9	99.3	1.8
Fort Wayne, IN	91.6	94.0	71.9	105.5	97.4	101.9	-0.2
Fresno, CA	99.8	103.2	91.2	95.3	101.4	111.0	0.1
Gadsden, AL	85.5	95.1	46.3	118.4	97.8	95.1	1.3
Gainesville, FL	94.3	95.1	88.9	92.5	96.2	104.9	1.1
Gainesville, GA	93.0	95.0	81.8	109.6	95.3	103.5	0.7
Gettysburg, PA	96.3	98.5	83.1	95.1	99.5	107.1	1.4
Glens Falls, NY	97.0	98.4	88.9	94.1	99.9	107.9	1.7
Goldsboro, NC	89.1	95.4	64.6	99.2	95.7	99.2	0.7
Grand Forks, ND-MN	92.2	95.6	76.8	83.4	96.5	102.6	0.5
Grand Island, NE	90.6	95.0	66.8	103.2	97.5	100.7	0.6
Grand Junction, CO	94.7	95.9	95.9	83.8	94.2	105.4	-0.9
Grand Rapids-Kentwood, MI	94.7	93.5	88.5	96.0	97.6	105.4	-0.3
Grants Pass, OR	98.0	103.4	88.1	88.6	100.6	109.1	0.1
Great Falls, MT	86.3	95.9	53.2	80.9	95.8	96.0	-0.6
Greeley, CO	98.4	95.9	118.1	83.9	94.2	109.4	-0.8
Green Bay, WI	91.7	94.2	72.0	90.2	97.3	102.0	-0.3
Greensboro-High Point, NC	90.4	95.4	69.9	99.2	95.7	100.5	0.7
Greenville, NC	90.5	95.4	68.0	99.1	95.7	100.6	0.7
Greenville-Anderson, SC	91.0	95.4	72.1	103.4	95.5	101.3	0.7
Gulfport-Biloxi, MS	90.8	95.6	68.5	110.0	96.8	101.0	1.2
Hagerstown-Martinsburg, MD-WV	91.9	95.3	75.7	99.3	95.9	102.2	1.0
Hammond, LA	90.7	95.8	64.4	100.1	99.8	100.9	1.9
Hanford-Corcoran, CA	96.1	103.2	72.7	95.5	101.4	106.9	0.0
Harrisburg-Carlisle, PA	96.5	98.5	83.5	95.2	99.5	107.3	1.5
Harrisonburg, VA	93.5	95.0	85.8	99.3	95.5	104.0	0.9
Hartford-East Hartford-Middletown, CT	102.9	99.0	112.0	103.9	102.6	114.4	1.7
Hattiesburg, MS	89.4	95.6	61.7	110.0	96.8	99.4	1.2
Hickory-Lenoir-Morganton, NC	87.7	95.4	58.2	99.1	95.7	97.5	0.8
Hilton Head Island-Bluffton, SC	98.0	95.4	108.3	103.4	95.5	109.0	1.0
Hinesville, GA	93.6	95.0	84.1	109.7	95.3	104.1	0.8
Homosassa Springs, FL	92.3	95.1	79.8	92.5	96.2	102.7	0.9
Hot Springs, AR	87.5	95.1	55.9	103.2	99.9	97.3	1.9
Houma-Thibodaux, LA	91.9	95.8	65.7	100.1	99.8	102.2	2.2
Houston-The Woodlands-Sugar Land, TX	100.1	95.7	108.1	111.5	100.6	111.3	-0.4
Huntington-Ashland, WV-KY-OH	86.5	95.2	53.7	99.7	96.0	96.2	0.7
Huntsville, AL	92.1	95.1	68.1	118.4	97.8	102.5	1.5
Idaho Falls, ID	91.1	95.2	76.1	77.0	95.1	101.4	-0.7
Indianapolis-Carmel-Anderson, IN	94.7	94.0	86.9	105.4	97.4	105.3	-0.1
Iowa City, IA	95.3	95.0	91.1	98.5	96.9	106.0	0.6
Ithaca, NY	105.8	98.4	141.2	94.1	99.9	117.7	2.9
Jackson, MI	92.7	93.5	79.3	95.8	97.6	103.1	-0.5
Jackson, MS	90.1	95.6	62.4	110.1	96.8	100.3	1.6
Jackson, TN	84.1	95.3	47.2	102.3	96.4	93.5	1.1
Jacksonville, FL	96.3	95.1	100.0	92.7	96.2	107.1	1.2
Jacksonville, NC	90.8	95.4	72.5	99.2	95.7	100.9	0.9
Janesville-Beloit, WI	92.4	94.2	77.0	90.2	97.3	102.7	-0.3
Jefferson City, MO	88.9	95.1	61.8	105.9	96.5	98.9	-0.4
Johnson City, TN	88.9	95.3	64.4	102.3	96.4	98.8	1.1
Johnstown, PA	84.3	98.5	41.4	95.4	99.5	93.8	0.9
Jonesboro, AR	87.2	95.1	52.0	103.1	99.9	97.0	1.9
Joplin, MO	87.5	95.1	53.4	105.9	96.5	97.3	0.2
Kahului-Wailuku-Lahaina, HI	109.0	111.9	128.2	104.9	100.7	121.3	1.4
Kalamazoo-Portage, MI	93.0	93.5	78.6	95.8	97.6	103.5	-0.3
Kankakee, IL	94.1	94.0	86.4	93.3	97.6	104.6	-0.1
Kansas City, MO-KS	94.7	95.2	85.4	108.5	96.8	105.3	0.4
Kennewick-Richland, WA	101.9	103.8	102.6	89.2	101.2	113.3	0.5
Killeen-Temple, TX	94.3	97.0	75.9	111.5	99.8	104.9	2.4
Kingsport-Bristol, TN-VA	87.1	95.2	57.1	101.4	96.2	96.8	1.2
Kingston, NY	101.6	98.4	113.3	94.1	99.9	113.0	2.2
Knoxville, TN	91.7	95.3	74.0	102.4	96.4	101.9	1.3
Kokomo, IN	89.7	94.0	63.4	105.3	97.4	99.7	-0.3
La Crosse-Onalaska, WI-MN	93.3	94.1	82.1	89.5	97.3	103.8	-0.4
Lafayette, LA	91.6	95.8	63.3	100.1	99.8	101.9	2.2
Lafayette-West Lafayette, IN	92.2	94.0	75.0	105.3	97.4	102.6	-0.2
Lake Charles, LA	91.2	95.8	65.4	100.1	99.8	101.5	1.9
Lake Havasu City-Kingman, AZ	88.0	96.3	63.2	102.9	94.5	97.9	-1.1

Lakeland-Winter Haven, FL	93.9	95.1	87.2	92.7	96.2	104.5	1.0
Lancaster, PA	98.5	98.5	95.6	95.2	99.5	109.5	1.6
Lansing-East Lansing, MI	93.5	93.5	81.5	95.9	97.6	103.9	-0.4
Laredo, TX	93.3	97.0	69.0	111.6	99.8	103.7	2.5
Las Cruces, NM	88.2	96.8	61.6	87.1	95.2	98.1	-0.7
Las Vegas-Henderson-Paradise, NV	97.2	96.3	105.2	96.7	94.8	108.1	-0.7
Lawrence, KS	93.2	95.4	75.7	112.4	97.1	103.7	0.5
Lawton, OK	90.7	95.8	60.5	109.1	100.0	100.8	2.4
Lebanon, PA	96.3	98.5	83.7	95.3	99.5	107.1	1.4
Lewiston, ID-WA	89.3	95.6	71.6	81.6	95.0	99.3	-1.0
Lewiston-Auburn, ME	97.2	99.0	82.9	69.8	103.0	108.1	1.5
Lexington-Fayette, KY	93.2	95.3	77.0	102.0	97.2	103.6	1.4
Lima, OH	88.9	93.7	59.0	95.6	97.3	98.9	-0.5
Lincoln, NE	93.8	95.0	80.2	103.3	97.5	104.3	0.6
Little Rock-North Little Rock-Conway, AR	92.2	95.1	66.5	103.2	99.9	102.6	2.3
Logan, UT-ID	91.3	95.1	77.7	82.7	95.1	101.5	-0.9
Longview, TX	93.8	97.0	70.0	111.4	99.8	104.4	2.6
Longview, WA	97.3	103.8	82.8	89.4	101.2	108.2	0.3
Los Angeles-Long Beach-Anaheim, CA	111.9	105.7	179.3	95.4	101.3	124.5	3.1
Louisville/Jefferson County, KY-IN	91.9	95.2	71.2	102.8	97.2	102.2	1.2
Lubbock, TX	95.6	97.0	79.1	111.6	99.8	106.3	2.6
Lynchburg, VA	89.7	95.0	67.5	99.2	95.5	99.8	0.8
Macon-Bibb County, GA	87.8	95.0	60.5	109.6	95.3	97.7	0.4
Madera, CA	96.3	103.2	73.8	95.3	101.4	107.1	0.1
Madison, WI	97.0	94.2	104.3	90.1	97.3	107.9	-0.2
Manchester-Nashua, NH	104.0	98.4	123.1	87.1	103.7	115.7	2.1
Manhattan, KS	93.8	95.4	81.6	112.3	97.1	104.3	0.5
Mankato, MN	92.3	95.6	81.6	87.0	95.1	102.7	-0.1
Mansfield, OH	87.4	93.7	56.8	95.4	97.3	97.2	-0.8
McAllen-Edinburg-Mission, TX	88.5	97.0	55.5	111.5	99.8	98.4	2.1
Medford, OR	99.6	103.4	92.4	88.6	100.6	110.7	0.2
Memphis, TN-MS-AR	92.7	95.3	77.3	103.4	96.5	103.1	1.5
Merced, CA	99.2	103.2	86.7	95.3	101.4	110.3	0.0
Miami-Fort Lauderdale-Pompano Beach, FL	110.0	102.5	144.5	92.7	105.3	122.3	2.1
Michigan City-La Porte, IN	90.0	94.0	61.1	105.3	97.4	100.0	0.1
Midland, MI	91.3	93.5	68.8	96.0	97.6	101.6	-0.4
Midland, TX	104.4	97.0	138.3	111.6	99.8	116.1	3.5
Milwaukee-Waukesha, WI	95.9	94.2	96.6	90.1	97.3	106.7	-0.2
Minneapolis-St. Paul-Bloomington, MN-WI	103.2	101.3	116.3	87.2	101.5	114.8	1.7
Missoula, MT	93.6	95.9	85.4	80.7	95.8	104.1	-0.6
Mobile, AL	89.3	95.1	60.6	118.4	97.8	99.3	1.5
Modesto, CA	102.7	103.2	107.3	95.4	101.4	114.2	0.4
Monroe, LA	87.8	95.8	49.2	100.2	99.8	97.7	2.1
Monroe, MI	91.7	93.5	73.2	96.0	97.6	102.0	-0.8
Montgomery, AL	90.6	95.1	64.9	118.5	97.8	100.8	1.6
Morgantown, WV	92.2	95.2	73.0	100.1	95.9	102.5	1.0
Morristown, TN	88.0	95.3	62.0	102.2	96.4	97.8	1.1
Mount Vernon-Anacortes, WA	102.4	103.8	105.0	89.3	101.2	113.8	0.5
Muncie, IN	88.0	94.0	58.6	105.5	97.4	97.9	-0.2
Muskegon, MI	91.9	93.5	75.2	95.9	97.6	102.2	-0.5
Myrtle Beach-Conway-North Myrtle Beach, SC-NC	93.4	95.4	85.9	102.0	95.6	103.8	0.9
Napa, CA	111.4	103.2	177.9	95.4	101.4	123.9	1.1
Naples-Marco Island, FL	100.9	95.1	127.2	92.8	96.2	112.2	1.4
Nashville-Davidson--Murfreesboro--Franklin, TN	97.0	95.3	102.0	102.3	96.4	107.9	1.8
New Bern, NC	89.4	95.4	66.7	99.2	95.7	99.4	0.6
New Haven-Milford, CT	102.5	99.0	108.5	103.8	102.6	114.0	1.6
New Orleans-Metairie, LA	96.9	95.8	90.8	100.2	99.8	107.7	2.4
New York-Newark-Jersey City, NY-NJ-PA	115.5	110.2	164.0	97.6	108.5	128.4	1.9
Niles, MI	87.6	93.5	58.2	95.9	97.6	97.4	-0.3
North Port-Sarasota-Bradenton, FL	100.5	95.1	123.8	92.8	96.2	111.8	1.7
Norwich-New London, CT	101.5	99.0	102.5	103.8	102.6	112.9	1.6
Ocala, FL	92.8	95.1	81.8	92.5	96.2	103.2	0.9
Ocean City, NJ	101.2	98.5	105.9	103.6	99.6	112.5	1.9
Odessa, TX	100.1	97.0	106.1	111.5	99.8	111.4	2.9
Ogden-Clearfield, UT	95.2	95.1	97.7	83.4	95.1	105.9	-1.0
Oklahoma City, OK	93.8	95.8	73.3	109.1	100.0	104.3	2.3
Olympia-Lacey-Tumwater, WA	104.1	103.8	115.3	89.2	101.2	115.7	0.7

Omaha-Council Bluffs, NE-IA	95.3	95.0	88.8	102.7	97.4	106.0	0.7
Orlando-Kissimmee-Sanford, FL	98.7	95.1	113.8	92.7	96.2	109.7	1.5
Oshkosh-Neenah, WI	91.9	94.2	72.6	90.2	97.3	102.2	-0.2
Owensboro, KY	90.2	95.3	64.4	101.8	97.2	100.3	0.9
Oxnard-Thousand Oaks-Ventura, CA	111.4	103.2	185.0	95.7	101.4	123.9	1.0
Palm Bay-Melbourne-Titusville, FL	96.9	95.1	102.8	92.7	96.2	107.8	1.3
Panama City, FL	95.9	95.1	96.9	92.7	96.2	106.7	1.2
Parkersburg-Vienna, WV	87.8	95.2	54.3	100.1	95.9	97.7	0.9
Pensacola-Ferry Pass-Brent, FL	93.7	95.1	84.8	92.7	96.2	104.2	1.1
Peoria, IL	89.7	94.0	63.0	93.2	97.6	99.7	-0.6
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	102.3	95.2	116.2	97.5	103.6	113.7	-0.2
Phoenix-Mesa-Chandler, AZ	102.6	100.8	107.5	102.9	102.1	114.1	3.2
Pine Bluff, AR	83.8	95.1	47.3	103.2	99.9	93.3	1.0
Pittsburgh, PA	95.7	98.5	79.6	95.3	99.5	106.4	1.4
Pittsfield, MA	97.7	98.8	87.4	98.1	101.3	108.7	1.6
Pocatello, ID	87.5	95.2	64.2	77.2	95.1	97.3	-0.8
Portland-South Portland, ME	100.3	99.0	100.0	69.8	103.0	111.5	1.7
Portland-Vancouver-Hillsboro, OR-WA	105.7	103.5	130.9	89.0	100.7	117.5	0.6
Port St. Lucie, FL	96.0	95.1	97.7	92.6	96.2	106.8	1.2
Poughkeepsie-Newburgh-Middletown, NY	111.9	110.2	130.4	94.1	108.8	124.4	1.6
Prescott Valley-Prescott, AZ	93.6	96.3	85.7	102.9	94.5	104.1	-1.2
Providence-Warwick, RI-MA	101.2	98.2	105.0	97.9	102.1	112.6	1.6
Provo-Orem, UT	95.9	95.1	102.2	83.4	95.1	106.6	-1.0
Pueblo, CO	90.2	95.9	75.2	83.8	94.2	100.4	-1.1
Punta Gorda, FL	96.6	95.1	100.5	92.8	96.2	107.5	1.3
Racine, WI	92.2	94.2	74.6	90.1	97.3	102.6	-0.2
Raleigh-Cary, NC	95.7	95.4	95.7	99.3	95.7	106.4	1.0
Rapid City, SD	92.7	95.7	75.5	96.5	96.9	103.1	0.3
Reading, PA	98.0	98.5	92.6	95.3	99.5	109.0	1.6
Redding, CA	99.9	103.2	91.5	95.2	101.4	111.1	0.1
Reno, NV	98.9	96.3	118.2	96.8	94.8	110.1	-0.5
Richmond, VA	95.4	95.0	95.4	99.4	95.5	106.2	1.1
Riverside-San Bernardino-Ontario, CA	103.7	101.8	124.3	95.5	98.7	115.4	1.1
Roanoke, VA	91.2	95.0	74.9	99.3	95.5	101.4	0.9
Rochester, MN	94.7	95.6	92.9	87.0	95.1	105.4	0.3
Rochester, NY	98.3	98.4	94.2	94.2	99.9	109.3	1.8
Rockford, IL	91.6	94.0	73.6	93.2	97.6	101.9	-0.5
Rocky Mount, NC	84.8	95.4	48.0	99.1	95.7	94.3	0.7
Rome, GA	88.0	95.0	58.2	109.7	95.3	97.9	0.7
Sacramento-Roseville-Folsom, CA	106.1	103.2	131.7	95.5	101.4	118.0	0.7
Saginaw, MI	87.8	93.5	56.7	95.9	97.6	97.6	-0.6
St. Cloud, MN	92.9	95.6	83.5	87.0	95.1	103.3	0.1
St. George, UT	94.0	95.1	91.2	83.3	95.1	104.5	-1.0
St. Joseph, MO-KS	89.0	95.1	59.4	106.5	96.5	99.0	-0.1
St. Louis, MO-IL	95.7	103.4	81.2	101.9	95.2	106.5	1.5
Salem, OR	100.9	103.4	99.2	88.8	100.6	112.2	0.2
Salinas, CA	110.7	103.2	167.0	95.5	101.4	123.2	1.1
Salisbury, MD-DE	92.2	95.2	81.6	99.3	95.3	102.5	1.0
Salt Lake City, UT	97.7	95.1	116.3	83.4	95.1	108.7	-0.9
San Angelo, TX	96.3	97.0	83.6	111.6	99.8	107.1	2.6
San Antonio-New Braunfels, TX	97.9	97.0	92.8	111.5	99.8	108.9	2.7
San Diego-Chula Vista-Carlsbad, CA	113.4	106.6	180.9	95.5	102.7	126.1	2.5
San Francisco-Oakland-Berkeley, CA	117.4	114.1	207.3	95.5	105.2	130.5	0.7
San Jose-Sunnyvale-Santa Clara, CA	112.1	103.2	230.6	95.5	101.4	124.7	1.1
San Luis Obispo-Paso Robles, CA	109.5	103.2	152.1	95.6	101.4	121.8	1.0
Santa Cruz-Watsonville, CA	109.4	103.2	167.9	95.5	101.4	121.7	0.8
Santa Fe, NM	94.4	96.8	89.3	87.2	95.2	105.0	-0.5
Santa Maria-Santa Barbara, CA	110.0	103.2	163.4	95.6	101.4	122.4	0.9
Santa Rosa-Petaluma, CA	109.8	103.2	168.7	95.4	101.4	122.2	0.8
Savannah, GA	94.5	95.0	89.3	109.8	95.3	105.1	0.8
Scranton--Wilkes-Barre, PA	93.0	98.5	68.3	95.3	99.5	103.5	1.3
Seattle-Tacoma-Bellevue, WA	112.0	111.1	152.7	89.3	103.4	124.5	2.1
Sebastian-Vero Beach, FL	95.3	95.1	93.6	92.6	96.2	106.0	1.1
Sebring-Avon Park, FL	90.3	95.1	71.8	92.6	96.2	100.5	0.8
Sheboygan, WI	91.4	94.2	71.1	90.1	97.3	101.6	-0.3
Sherman-Denison, TX	94.5	97.0	74.4	111.5	99.8	105.1	2.6
Shreveport-Bossier City, LA	91.2	95.8	64.6	100.2	99.8	101.4	2.2

Sierra Vista-Douglas, AZ	88.8	96.3	64.3	102.8	94.5	98.8	-1.3
Sioux City, IA-NE-SD	90.0	95.1	66.1	99.0	97.0	100.1	0.0
Sioux Falls, SD	94.1	95.7	81.3	96.6	96.9	104.7	0.1
South Bend-Mishawaka, IN-MI	91.7	93.9	74.1	103.5	97.4	102.0	-0.3
Spartanburg, SC	89.9	95.4	67.5	103.4	95.5	100.0	0.6
Spokane-Spokane Valley, WA	98.3	103.8	84.3	89.2	101.2	109.3	0.3
Springfield, IL	90.7	94.0	67.4	93.1	97.6	100.9	-0.4
Springfield, MA	97.9	98.8	86.9	98.1	101.3	108.9	1.7
Springfield, MO	89.9	95.1	64.3	105.8	96.5	100.0	0.0
Springfield, OH	89.6	93.7	63.5	95.3	97.3	99.6	-0.5
State College, PA	99.4	98.5	101.3	95.2	99.5	110.5	1.7
Staunton, VA	89.8	95.0	72.5	99.4	95.5	99.9	0.7
Stockton, CA	103.8	103.2	114.6	95.4	101.4	115.5	0.5
Sumter, SC	86.1	95.4	53.2	103.3	95.5	95.8	0.9
Syracuse, NY	96.6	98.4	85.1	94.1	99.9	107.4	1.7
Tallahassee, FL	93.2	95.1	81.5	92.5	96.2	103.7	1.0
Tampa-St. Petersburg-Clearwater, FL	99.1	97.6	107.2	92.7	97.8	110.2	4.3
Terre Haute, IN	87.7	94.0	55.0	105.4	97.4	97.6	-0.5
Texarkana, TX-AR	89.1	96.3	55.7	108.3	99.8	99.2	2.3
The Villages, FL	95.6	95.1	95.7	92.8	96.2	106.4	1.2
Toledo, OH	90.9	93.7	70.1	95.6	97.3	101.1	-0.5
Topeka, KS	90.0	95.4	62.6	112.4	97.1	100.1	0.4
Trenton-Princeton, NJ	103.8	98.5	133.1	103.6	99.6	115.5	2.2
Tucson, AZ	93.8	96.3	85.8	103.0	94.5	104.4	-1.2
Tulsa, OK	92.9	95.8	70.4	109.2	100.0	103.3	2.2
Tuscaloosa, AL	88.9	95.1	61.2	118.4	97.8	98.9	1.2
Twin Falls, ID	89.3	95.2	70.4	77.1	95.1	99.3	-0.6
Tyler, TX	96.9	97.0	87.8	111.6	99.8	107.8	2.6
Urban Honolulu, HI	113.8	111.9	169.2	105.0	100.7	126.6	1.9
Utica-Rome, NY	93.3	98.4	70.8	94.2	99.9	103.8	1.4
Valdosta, GA	87.9	95.0	60.0	109.6	95.3	97.7	0.6
Vallejo, CA	108.4	103.2	150.1	95.5	101.4	120.6	0.9
Victoria, TX	95.4	97.0	79.1	111.4	99.8	106.1	2.7
Vineland-Bridgeton, NJ	97.1	98.5	87.7	103.5	99.6	108.0	1.8
Virginia Beach-Norfolk-Newport News, VA-NC	96.2	95.0	99.3	99.5	95.5	107.0	1.2
Visalia, CA	97.6	103.2	80.7	95.4	101.4	108.5	-0.1
Waco, TX	94.4	97.0	75.1	111.6	99.8	105.0	2.5
Walla Walla, WA	97.9	103.8	80.0	89.2	101.2	108.9	0.2
Warner Robins, GA	90.0	95.0	68.1	109.5	95.3	100.1	0.5
Washington-Arlington-Alexandria, DC-VA-MD-WV	111.5	106.8	159.6	97.6	103.9	124.1	3.2
Waterloo-Cedar Falls, IA	91.9	95.0	72.3	98.5	96.9	102.2	0.3
Watertown-Fort Drum, NY	93.2	98.4	74.7	94.2	99.9	103.6	1.6
Wausau-Weston, WI	89.9	94.2	66.5	90.1	97.3	100.0	-0.5
Weirton-Steubenville, WV-OH	86.9	95.2	55.7	97.4	96.1	96.7	0.6
Wenatchee, WA	100.1	103.8	94.0	89.4	101.2	111.4	0.4
Wheeling, WV-OH	87.1	95.2	56.2	97.9	96.0	96.8	0.5
Wichita, KS	91.9	95.4	69.5	112.3	97.1	102.3	0.4
Wichita Falls, TX	91.8	97.0	63.9	111.6	99.8	102.1	2.4
Williamsport, PA	92.3	98.5	67.1	95.2	99.5	102.6	1.1
Wilmington, NC	95.5	95.4	94.4	99.4	95.7	106.2	1.0
Winchester, VA-WV	93.9	95.0	86.1	99.5	95.6	104.4	1.1
Winston-Salem, NC	89.0	95.4	64.0	99.2	95.7	99.0	0.7
Worcester, MA-CT	100.6	98.8	101.8	98.7	101.4	111.9	1.9
Yakima, WA	96.0	103.8	76.1	89.3	101.2	106.8	0.1
York-Hanover, PA	97.2	98.5	87.6	95.2	99.5	108.1	1.5
Youngstown-Warren-Boardman, OH-PA	87.6	93.8	58.7	95.5	97.3	97.4	-0.7
Yuba City, CA	99.5	103.2	88.5	95.3	101.4	110.7	0.2
Yuma, AZ	88.7	96.3	66.9	102.9	94.5	98.7	-1.2
Maximum	117.4	114.1	230.6	118.5	108.8	130.5	4.5
Minimum	82.4	93.5	41.4	69.8	94.2	91.7	-1.3
Range	35.0	20.6	189.3	48.7	14.6	38.9	5.8

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

2. The U.S. all items regional price parities is the average price level across all metropolitan areas and the U.S. nonmetropolitan portion.

Source. U.S. Bureau of Economic Analysis