Bureau of Economic Analysis
U.S. DEPARTMENT OF COMMERCE

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# News Release

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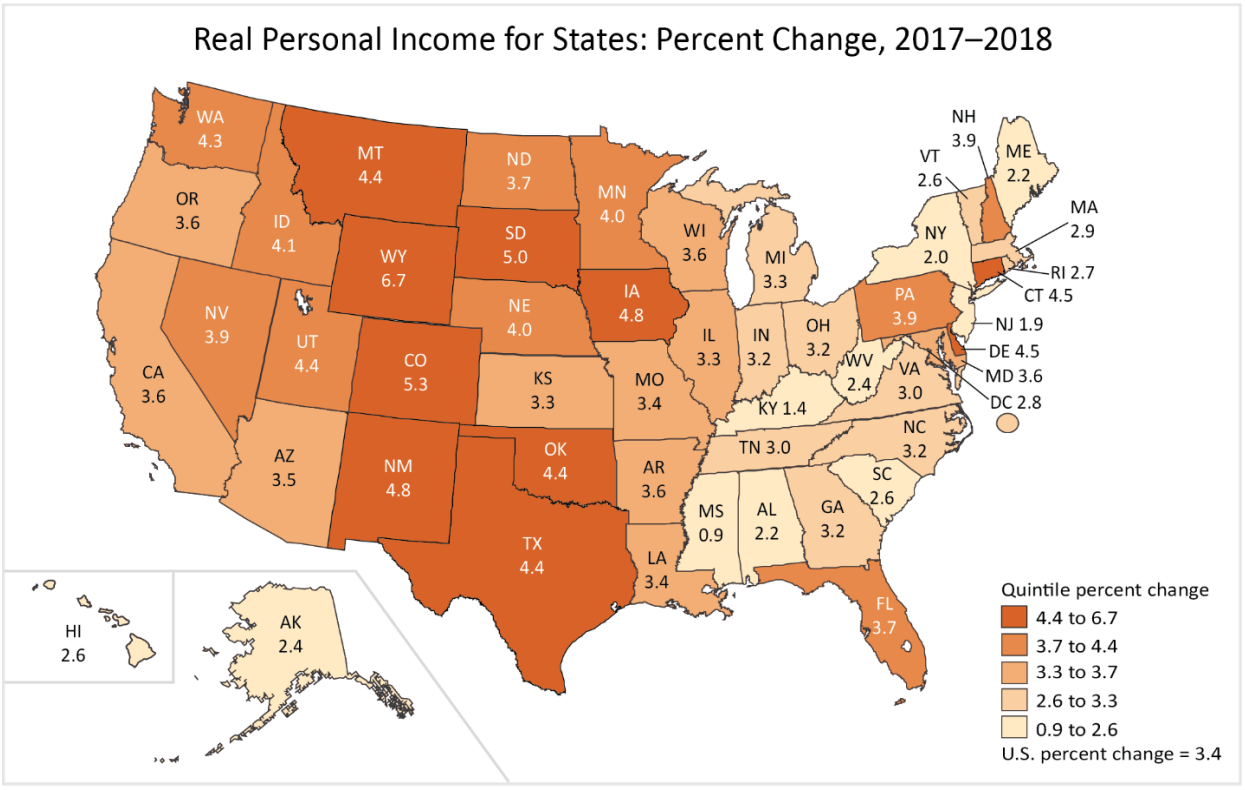
## Real Personal Income by State and Metropolitan Area, 2018

Real state personal income grew 3.4 percent in 2018, after increasing 2.9 percent in 2017, according to estimates released today by the Bureau of Economic Analysis. Real state personal income is a state's current-dollar personal income adjusted by the state's regional price parity and the national personal consumption expenditures price index. The percent change in real state personal income ranged from 6.7 percent in Wyoming to 0.9 percent in Mississippi (table 1). Across metropolitan areas, the percent change ranged from 15.6 percent in Midland, TX to -1.1 percent in Sebring-Avon Park, FL (table 4).




U.S. Bureau of Economic Analysis

**Real Personal Income in 2018**

- States with the fastest growth in real personal income were Wyoming (6.7 percent), Colorado (5.3 percent), and South Dakota (5.0 percent).

- No state had a decline in real personal income. States with the slowest growth in real personal income were Mississippi (0.9 percent), Kentucky (1.4 percent), and New Jersey (1.9 percent).

- Large metropolitan areas — those with population greater than two million — with the fastest growth in real personal income were Austin-Round Rock-Georgetown, TX (6.1 percent), Denver-Aurora-Lakewood, CO (5.7 percent), and Seattle-Tacoma-Bellevue, WA (5.2 percent).

- The large metropolitan areas with the slowest growth in real personal income were Sacramento-Roseville-Folsom, CA (2.3 percent), New York-Newark-Jersey City, NY-NJ-PA (2.5 percent), and Cleveland-Elyria, OH (2.6 percent).

**Regional Price Parities in 2018**

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

- States with the highest RPPs were Hawaii (118.1), New York (116.4), and California (115.4) (table 3). The District of Columbia's RPP was 116.1.

- States with the lowest RPPs were Arkansas (85.3), Mississippi (86.0), and Alabama (86.4).

- Across states, California had the highest RPP for housing rents (152.5) and Arkansas had the lowest (60.8).

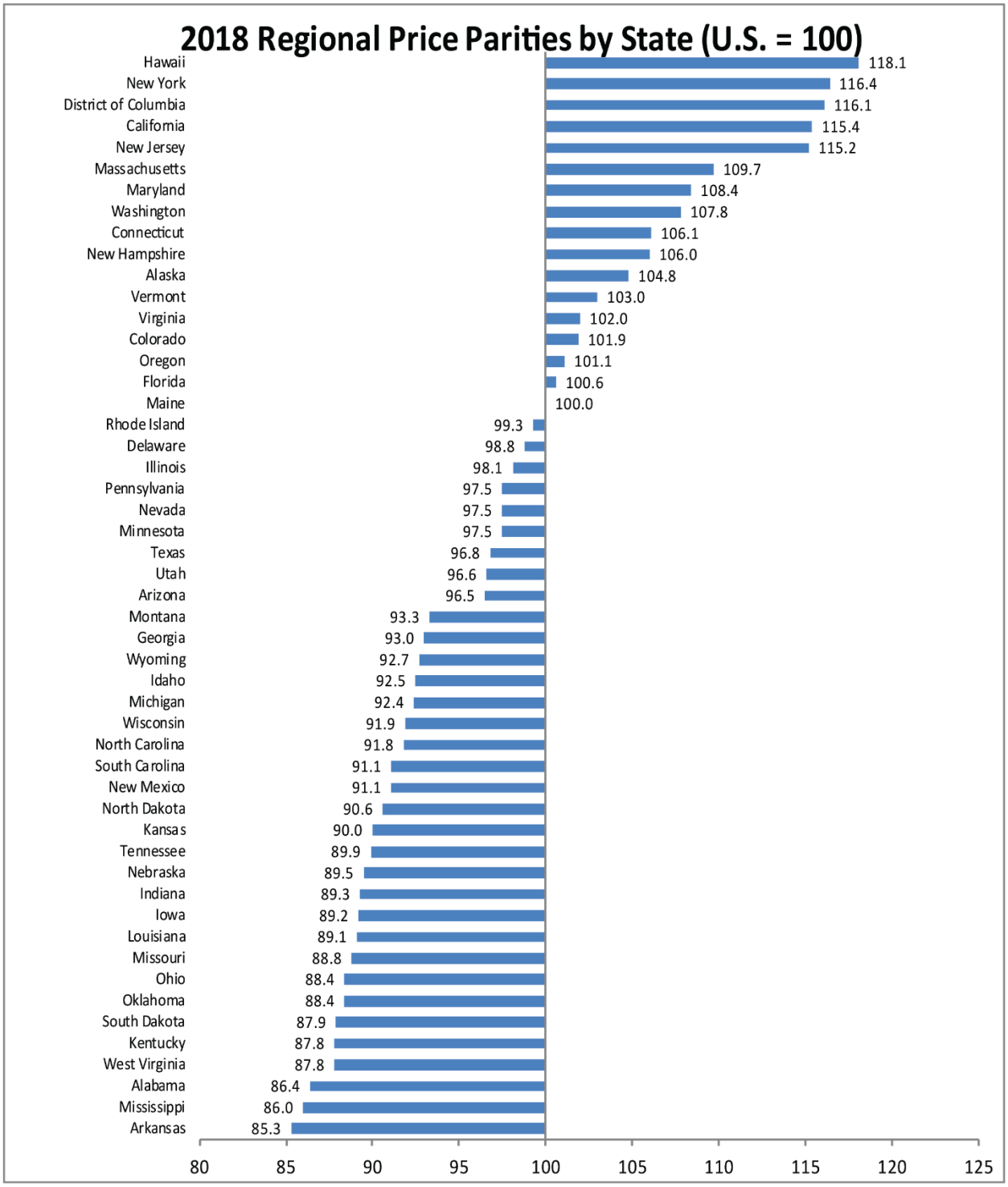
- Large metropolitan areas with the highest RPPs were San Francisco-Oakland-Berkeley, CA (131.6), New York-Newark-Jersey City, NY-NJ-PA (124.1), and Washington-Arlington-Alexandria, DC-VA-MD-WV, (117.8) (table 6).

- Large metropolitan areas with the lowest RPPs were Cincinnati, OH-KY-IN (90.0), Cleveland-Elyria, OH (90.1), and St. Louis, MO-IL (91.0).

- Across large metropolitan areas, San Francisco-Oakland-Berkeley, CA had the highest RPP for housing rents (199.5) and Cleveland-Elyria, OH had the lowest (77.0).

- Across all metropolitan areas, San Jose-Sunnyvale-Santa Clara, CA had the highest RPP for housing rents (221.3) and Beckley, WV had the lowest (45.8).

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




U.S. Bureau of Economic Analysis

**Updates to Real Personal Income**

Today, BEA also released revised real personal income statistics for states and metropolitan areas for 2016-2017 and real per capita personal income statistics for states for 2010-2017. These revisions were made to incorporate newly available source data. Source data from the Consumer Price Index program incorporate geographic sample revisions. More information is available at: www.bls.gov/cpi.

BEA will update real personal income for states on September 24, 2020 with the release of state personal income. Real personal income for metropolitan areas will be updated on November 17, 2020 with the release of local area personal income.

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

Starting in December 2020, the release of real personal income by state and metropolitan area will accelerate by 5 months.

Next release: December 15, 2020 at 8:30 A.M. EST
Real Personal Income by State and Metropolitan Area, 2019.

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

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

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

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

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

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

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

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

[1] The BEA Regional Price Parity statistics are based in part on restricted access Consumer Price Index data from the Bureau of Labor Statistics (BLS). The BEA statistics presented herein are products of BEA and not BLS.
[2] To estimate RPPs, CPI price quotes are quality adjusted and pooled over 5 years. The ACS rents are also quality adjusted and are either annual for states or pooled over 3 years for metropolitan areas. The expenditure weights are specific for each year.
[3] The multilateral system that is used is the Geary additive method. Any region or combination of regions may be used as the base or reference region without loss of consistency.
[4] The growth rate of the implicit regional price deflators will not necessarily equal the region or metro area price deflators published by the BLS. This is because the CPI deflators are calculated directly while the IRPDs are indirect estimates, and because of differences in the source data and methodology.

# Additional Information

## Resources

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

## Definitions

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

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

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

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

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

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

County data are then aggregated to states and metropolitan areas.

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

***Real personal income*** is personal income at RPPs divided by the national PCE chain-type price index. The result is real personal income in chained dollars (using 2012 as the reference year). Using Delaware in 2018 as an example:

| (1) Personal Income is divided by the RPP | (2) Balancing factor is applied | (3) Personal Income at RPPs is deflated by the U.S. PCE Price Index | **2018 Delaware Real Personal Income** |
|---|---|---|---|
| $50.8 / 0.988 = $51.4 | $51.4 / 0.996 = $51.6 | $51.6 / 1.081 = $47.7 | **$47.7** |

Note: Dollar amounts are in billions.

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

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

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

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# Table 1. Real Personal Income and Implicit Regional Price Deflators by State, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| United States[1] | 16,870,106 | 17,813,035 | 5.6 | 15,925,840 | 16,471,692 | 3.4 | 105.9 | 108.1 | 2.1 |
| Alabama | 197,283 | 206,455 | 4.6 | 217,135 | 221,887 | 2.2 | 90.9 | 93.0 | 2.3 |
| Alaska | 42,015 | 43,818 | 4.3 | 37,905 | 38,827 | 2.4 | 110.8 | 112.9 | 1.9 |
| Arizona | 299,613 | 317,913 | 6.1 | 295,486 | 305,947 | 3.5 | 101.4 | 103.9 | 2.5 |
| Arkansas | 124,684 | 130,297 | 4.5 | 137,027 | 141,932 | 3.6 | 91.0 | 91.8 | 0.9 |
| California | 2,370,112 | 2,514,129 | 6.1 | 1,952,522 | 2,023,347 | 3.6 | 121.4 | 124.3 | 2.4 |
| Colorado | 310,755 | 332,943 | 7.1 | 288,143 | 303,432 | 5.3 | 107.8 | 109.7 | 1.8 |
| Connecticut | 258,079 | 273,152 | 5.8 | 228,854 | 239,214 | 4.5 | 112.8 | 114.2 | 1.2 |
| Delaware | 48,189 | 50,783 | 5.4 | 45,654 | 47,730 | 4.5 | 105.6 | 106.4 | 0.8 |
| District of Columbia | 54,938 | 57,605 | 4.9 | 44,851 | 46,090 | 2.8 | 122.5 | 125.0 | 2.0 |
| Florida | 1,004,144 | 1,066,447 | 6.2 | 949,539 | 984,580 | 3.7 | 105.8 | 108.3 | 2.4 |
| Georgia | 463,756 | 488,964 | 5.4 | 473,452 | 488,463 | 3.2 | 98.0 | 100.1 | 2.1 |
| Hawaii | 75,689 | 78,721 | 4.0 | 60,367 | 61,931 | 2.6 | 125.4 | 127.1 | 1.4 |
| Idaho | 72,355 | 77,012 | 6.4 | 74,328 | 77,362 | 4.1 | 97.3 | 99.5 | 2.3 |
| Illinois | 689,724 | 724,189 | 5.0 | 663,557 | 685,680 | 3.3 | 103.9 | 105.6 | 1.6 |
| Indiana | 301,203 | 315,516 | 4.8 | 317,999 | 328,057 | 3.2 | 94.7 | 96.2 | 1.6 |
| Iowa | 149,191 | 158,197 | 6.0 | 157,087 | 164,635 | 4.8 | 95.0 | 96.1 | 1.2 |
| Kansas | 142,242 | 149,859 | 5.4 | 149,705 | 154,667 | 3.3 | 95.0 | 96.9 | 2.0 |
| Kentucky | 182,605 | 189,717 | 3.9 | 197,818 | 200,569 | 1.4 | 92.3 | 94.6 | 2.5 |
| Louisiana | 205,227 | 215,489 | 5.0 | 217,033 | 224,496 | 3.4 | 94.6 | 96.0 | 1.5 |
| Maine | 62,173 | 65,454 | 5.3 | 59,479 | 60,768 | 2.2 | 104.5 | 107.7 | 3.1 |
| Maryland | 364,576 | 382,829 | 5.0 | 316,802 | 328,106 | 3.6 | 115.1 | 116.7 | 1.4 |
| Massachusetts | 468,300 | 494,765 | 5.7 | 407,011 | 418,918 | 2.9 | 115.1 | 118.1 | 2.6 |
| Michigan | 461,486 | 484,030 | 4.9 | 471,112 | 486,642 | 3.3 | 98.0 | 99.5 | 1.5 |
| Minnesota | 305,795 | 322,728 | 5.5 | 295,849 | 307,540 | 4.0 | 103.4 | 104.9 | 1.5 |
| Mississippi | 108,749 | 112,992 | 3.9 | 120,869 | 122,003 | 0.9 | 90.0 | 92.6 | 2.9 |
| Missouri | 279,433 | 292,513 | 4.7 | 295,763 | 305,950 | 3.4 | 94.5 | 95.6 | 1.2 |
| Montana | 47,718 | 50,500 | 5.8 | 48,143 | 50,283 | 4.4 | 99.1 | 100.4 | 1.3 |
| Nebraska | 97,151 | 102,759 | 5.8 | 102,546 | 106,598 | 4.0 | 94.7 | 96.4 | 1.8 |
| Nevada | 139,449 | 149,219 | 7.0 | 136,913 | 142,194 | 3.9 | 101.9 | 104.9 | 2.9 |
| New Hampshire | 78,822 | 83,143 | 5.5 | 70,106 | 72,860 | 3.9 | 112.4 | 114.1 | 1.5 |
| New Jersey | 577,081 | 607,884 | 5.3 | 481,061 | 490,276 | 1.9 | 120.0 | 124.0 | 3.3 |
| New Mexico | 82,733 | 87,189 | 5.4 | 84,817 | 88,922 | 4.8 | 97.5 | 98.1 | 0.6 |
| New York | 1,286,023 | 1,341,932 | 4.3 | 1,049,840 | 1,070,638 | 2.0 | 122.5 | 125.3 | 2.3 |
| North Carolina | 453,769 | 478,862 | 5.5 | 469,294 | 484,301 | 3.2 | 96.7 | 98.9 | 2.3 |
| North Dakota | 39,775 | 42,148 | 6.0 | 41,689 | 43,217 | 3.7 | 95.4 | 97.5 | 2.2 |
| Ohio | 544,141 | 569,727 | 4.7 | 579,920 | 598,402 | 3.2 | 93.8 | 95.2 | 1.5 |
| Oklahoma | 171,597 | 182,302 | 6.2 | 183,477 | 191,625 | 4.4 | 93.5 | 95.1 | 1.7 |
| Oregon | 200,579 | 213,070 | 6.2 | 189,022 | 195,792 | 3.6 | 106.1 | 108.8 | 2.5 |
| Pennsylvania | 679,731 | 720,073 | 5.9 | 659,951 | 685,699 | 3.9 | 103.0 | 105.0 | 1.9 |
| Rhode Island | 55,337 | 57,994 | 4.8 | 52,831 | 54,249 | 2.7 | 104.7 | 106.9 | 2.1 |
| South Carolina | 211,299 | 222,189 | 5.2 | 220,664 | 226,402 | 2.6 | 95.8 | 98.1 | 2.4 |
| South Dakota | 43,275 | 46,066 | 6.5 | 46,340 | 48,660 | 5.0 | 93.4 | 94.7 | 1.4 |
| Tennessee | 301,560 | 317,515 | 5.3 | 318,396 | 328,024 | 3.0 | 94.7 | 96.8 | 2.2 |
| Texas | 1,357,466 | 1,445,270 | 6.5 | 1,328,582 | 1,386,862 | 4.4 | 102.2 | 104.2 | 2.0 |
| Utah | 136,544 | 146,423 | 7.2 | 134,827 | 140,705 | 4.4 | 101.3 | 104.1 | 2.8 |
| Vermont | 32,461 | 33,929 | 4.5 | 29,811 | 30,594 | 2.6 | 108.9 | 110.9 | 1.8 |
| Virginia | 468,177 | 492,313 | 5.2 | 434,821 | 448,050 | 3.0 | 107.7 | 109.9 | 2.0 |
| Washington | 434,759 | 467,399 | 7.5 | 385,815 | 402,539 | 4.3 | 112.7 | 116.1 | 3.0 |
| West Virginia | 70,218 | 73,809 | 5.1 | 76,255 | 78,068 | 2.4 | 92.1 | 94.5 | 2.6 |
| Wisconsin | 285,487 | 299,933 | 5.1 | 292,635 | 303,040 | 3.6 | 97.6 | 99.0 | 1.4 |
| Wyoming | 32,639 | 34,873 | 6.8 | 32,733 | 34,921 | 6.7 | 99.7 | 99.9 | 0.2 |
| | | | | | | | | | |
| Maximum | 2,370,112 | 2,514,129 | 7.5 | 1,952,522 | 2,023,347 | 6.7 | 125.4 | 127.1 | 3.3 |
| Minimum | 32,461 | 33,929 | 3.9 | 29,811 | 30,594 | 0.9 | 90.0 | 91.8 | 0.2 |
| Range | 2,337,652 | 2,480,201 | 3.6 | 1,922,712 | 1,992,753 | 5.8 | 35.4 | 35.3 | 3.1 |

Source: U.S. Bureau of Economic Analysis

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

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

# Table 2. Real Per Capita Personal Income by State, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| United States | 51,910 | 54,526 | 5.0 | 49,005 | 50,420 | 2.9 |
| Alabama | 40,473 | 42,240 | 4.4 | 44,545 | 45,397 | 1.9 |
| Alaska | 56,800 | 59,605 | 4.9 | 51,243 | 52,816 | 3.1 |
| Arizona | 42,534 | 44,414 | 4.4 | 41,949 | 42,742 | 1.9 |
| Arkansas | 41,543 | 43,292 | 4.2 | 45,655 | 47,158 | 3.3 |
| California | 60,219 | 63,711 | 5.8 | 49,609 | 51,274 | 3.4 |
| Colorado | 55,374 | 58,500 | 5.6 | 51,345 | 53,315 | 3.8 |
| Connecticut | 72,224 | 76,481 | 5.9 | 64,045 | 66,978 | 4.6 |
| Delaware | 50,364 | 52,599 | 4.4 | 47,714 | 49,436 | 3.6 |
| District of Columbia | 79,058 | 82,111 | 3.9 | 64,542 | 65,697 | 1.8 |
| Florida | 47,899 | 50,199 | 4.8 | 45,295 | 46,346 | 2.3 |
| Georgia | 44,548 | 46,519 | 4.4 | 45,479 | 46,471 | 2.2 |
| Hawaii | 53,138 | 55,414 | 4.3 | 42,381 | 43,595 | 2.9 |
| Idaho | 42,123 | 43,994 | 4.4 | 43,272 | 44,193 | 2.1 |
| Illinois | 53,974 | 56,919 | 5.5 | 51,926 | 53,893 | 3.8 |
| Indiana | 45,239 | 47,124 | 4.2 | 47,761 | 48,997 | 2.6 |
| Iowa | 47,490 | 50,243 | 5.8 | 50,003 | 52,288 | 4.6 |
| Kansas | 48,902 | 51,474 | 5.3 | 51,468 | 53,125 | 3.2 |
| Kentucky | 41,014 | 42,527 | 3.7 | 44,431 | 44,959 | 1.2 |
| Louisiana | 43,941 | 46,245 | 5.2 | 46,468 | 48,178 | 3.7 |
| Maine | 46,585 | 48,881 | 4.9 | 44,566 | 45,381 | 1.8 |
| Maryland | 60,522 | 63,426 | 4.8 | 52,591 | 54,360 | 3.4 |
| Massachusetts | 68,267 | 71,886 | 5.3 | 59,333 | 60,866 | 2.6 |
| Michigan | 46,273 | 48,480 | 4.8 | 47,238 | 48,742 | 3.2 |
| Minnesota | 54,938 | 57,566 | 4.8 | 53,151 | 54,857 | 3.2 |
| Mississippi | 36,389 | 37,904 | 4.2 | 40,445 | 40,927 | 1.2 |
| Missouri | 45,759 | 47,784 | 4.4 | 48,433 | 49,979 | 3.2 |
| Montana | 45,338 | 47,611 | 5.0 | 45,742 | 47,407 | 3.6 |
| Nebraska | 50,707 | 53,364 | 5.2 | 53,522 | 55,358 | 3.4 |
| Nevada | 46,954 | 49,290 | 5.0 | 46,100 | 46,970 | 1.9 |
| New Hampshire | 58,439 | 61,429 | 5.1 | 51,977 | 53,832 | 3.6 |
| New Jersey | 64,946 | 68,409 | 5.3 | 54,140 | 55,174 | 1.9 |
| New Mexico | 39,551 | 41,663 | 5.3 | 40,548 | 42,491 | 4.8 |
| New York | 65,648 | 68,710 | 4.7 | 53,592 | 54,819 | 2.3 |
| North Carolina | 44,192 | 46,126 | 4.4 | 45,703 | 46,650 | 2.1 |
| North Dakota | 52,686 | 55,598 | 5.5 | 55,221 | 57,008 | 3.2 |
| Ohio | 46,669 | 48,793 | 4.6 | 49,737 | 51,249 | 3.0 |
| Oklahoma | 43,649 | 46,267 | 6.0 | 46,671 | 48,633 | 4.2 |
| Oregon | 48,407 | 50,951 | 5.3 | 45,618 | 46,819 | 2.6 |
| Pennsylvania | 53,155 | 56,252 | 5.8 | 51,608 | 53,566 | 3.8 |
| Rhode Island | 52,419 | 54,800 | 4.5 | 50,045 | 51,261 | 2.4 |
| South Carolina | 42,081 | 43,702 | 3.9 | 43,946 | 44,531 | 1.3 |
| South Dakota | 49,577 | 52,426 | 5.7 | 53,089 | 55,377 | 4.3 |
| Tennessee | 44,950 | 46,889 | 4.3 | 47,459 | 48,441 | 2.1 |
| Texas | 47,975 | 50,483 | 5.2 | 46,954 | 48,443 | 3.2 |
| Utah | 44,032 | 46,431 | 5.4 | 43,478 | 44,618 | 2.6 |
| Vermont | 51,992 | 54,342 | 4.5 | 47,747 | 49,001 | 2.6 |
| Virginia | 55,317 | 57,910 | 4.7 | 51,376 | 52,704 | 2.6 |
| Washington | 58,566 | 62,122 | 6.1 | 51,973 | 53,502 | 2.9 |
| West Virginia | 38,645 | 40,907 | 5.9 | 41,967 | 43,268 | 3.1 |
| Wisconsin | 49,305 | 51,647 | 4.8 | 50,540 | 52,182 | 3.2 |
| Wyoming | 56,377 | 60,375 | 7.1 | 56,541 | 60,458 | 6.9 |
| | | | | | | |
| Maximum | 79,058 | 82,111 | 7.1 | 64,542 | 66,978 | 6.9 |
| Minimum | 36,389 | 37,904 | 3.7 | 40,445 | 40,927 | 1.2 |
| Range | 42,669 | 44,207 | 3.4 | 24,097 | 26,051 | 5.7 |

Source: U.S. Bureau of Economic Analysis

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

# Table 3. Regional Price Parities by State, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| United States[1] | 100.0 | 99.3 | 101.4 | 100.0 |
| Alabama | 86.4 | 96.2 | 61.8 | 91.7 |
| Alaska | 104.8 | 101.9 | 125.9 | 97.3 |
| Arizona | 96.5 | 95.7 | 94.3 | 99.1 |
| Arkansas | 85.3 | 95.0 | 60.8 | 92.5 |
| California | 115.4 | 103.8 | 152.5 | 107.4 |
| Colorado | 101.9 | 98.0 | 120.7 | 96.5 |
| Connecticut | 106.1 | 103.0 | 109.4 | 107.2 |
| Delaware | 98.8 | 98.8 | 92.3 | 103.4 |
| District of Columbia | 116.1 | 105.5 | 146.1 | 108.3 |
| Florida | 100.6 | 98.3 | 107.9 | 98.3 |
| Georgia | 93.0 | 97.2 | 82.0 | 96.1 |
| Hawaii | 118.1 | 110.9 | 148.9 | 104.6 |
| Idaho | 92.5 | 97.0 | 80.1 | 96.2 |
| Illinois | 98.1 | 98.5 | 96.5 | 98.6 |
| Indiana | 89.3 | 96.4 | 74.3 | 91.9 |
| Iowa | 89.2 | 94.9 | 74.3 | 91.3 |
| Kansas | 90.0 | 95.2 | 75.3 | 93.0 |
| Kentucky | 87.8 | 94.8 | 67.8 | 91.8 |
| Louisiana | 89.1 | 96.4 | 73.8 | 92.4 |
| Maine | 100.0 | 99.0 | 97.7 | 102.5 |
| Maryland | 108.4 | 103.1 | 119.1 | 106.0 |
| Massachusetts | 109.7 | 102.2 | 124.0 | 108.3 |
| Michigan | 92.4 | 97.3 | 80.2 | 94.5 |
| Minnesota | 97.5 | 101.7 | 94.7 | 94.7 |
| Mississippi | 86.0 | 94.4 | 63.1 | 91.8 |
| Missouri | 88.8 | 95.2 | 72.3 | 92.2 |
| Montana | 93.3 | 98.0 | 82.8 | 94.4 |
| Nebraska | 89.5 | 95.0 | 75.7 | 91.4 |
| Nevada | 97.5 | 94.5 | 99.2 | 99.9 |
| New Hampshire | 106.0 | 101.2 | 113.7 | 106.1 |
| New Jersey | 115.2 | 102.6 | 131.1 | 116.3 |
| New Mexico | 91.1 | 95.5 | 76.3 | 98.4 |
| New York | 116.4 | 108.5 | 131.4 | 114.4 |
| North Carolina | 91.8 | 96.4 | 79.0 | 94.5 |
| North Dakota | 90.6 | 94.9 | 80.9 | 91.2 |
| Ohio | 88.4 | 96.0 | 72.0 | 91.2 |
| Oklahoma | 88.4 | 95.6 | 70.1 | 92.5 |
| Oregon | 101.1 | 100.4 | 107.8 | 97.8 |
| Pennsylvania | 97.5 | 99.7 | 87.3 | 101.3 |
| Rhode Island | 99.3 | 98.9 | 95.6 | 102.3 |
| South Carolina | 91.1 | 96.6 | 76.7 | 94.5 |
| South Dakota | 87.9 | 94.8 | 69.9 | 91.1 |
| Tennessee | 89.9 | 96.2 | 75.1 | 91.7 |
| Texas | 96.8 | 96.9 | 94.5 | 98.2 |
| Utah | 96.6 | 95.1 | 96.1 | 99.0 |
| Vermont | 103.0 | 98.9 | 112.5 | 102.3 |
| Virginia | 102.0 | 99.4 | 108.8 | 100.8 |
| Washington | 107.8 | 104.8 | 123.8 | 102.2 |
| West Virginia | 87.8 | 94.8 | 62.9 | 96.1 |
| Wisconsin | 91.9 | 96.2 | 83.7 | 92.4 |
| Wyoming | 92.7 | 97.7 | 80.7 | 94.9 |
| | | | | |
| Maximum | 118.1 | 110.9 | 152.5 | 116.3 |
| Minimum | 85.3 | 94.4 | 60.8 | 91.1 |
| Range | 32.8 | 16.5 | 91.7 | 25.2 |

Source: U.S. Bureau of Economic Analysis

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

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| United States | 16,870,106 | 17,813,035 | 5.6 | 15,925,840 | 16,471,692 | 3.4 | 105.9 | 108.1 | 2.1 |
| United States nonmetropolitan portion | 1,802,450 | 1,888,521 | 4.8 | 1,952,596 | 2,018,765 | 3.4 | 92.3 | 93.5 | 1.3 |
| Metropolitan Statistical Areas | | | | | | | | | |
| Abilene, TX | 6,968 | 7,396 | 6.2 | 7,315 | 7,540 | 3.1 | 95.3 | 98.1 | 2.9 |
| Akron, OH | 33,347 | 34,835 | 4.5 | 35,063 | 36,044 | 2.8 | 95.1 | 96.6 | 1.6 |
| Albany, GA | 5,409 | 5,622 | 3.9 | 6,196 | 6,320 | 2.0 | 87.3 | 88.9 | 1.8 |
| Albany-Lebanon, OR | 5,107 | 5,461 | 6.9 | 5,061 | 5,268 | 4.1 | 100.9 | 103.7 | 2.8 |
| Albany-Schenectady-Troy, NY | 49,633 | 51,315 | 3.4 | 47,124 | 47,872 | 1.6 | 105.3 | 107.2 | 1.8 |
| Albuquerque, NM | 37,169 | 38,960 | 4.8 | 37,351 | 38,552 | 3.2 | 99.5 | 101.1 | 1.6 |
| Alexandria, LA | 6,482 | 6,733 | 3.9 | 7,070 | 7,277 | 2.9 | 91.7 | 92.5 | 0.9 |
| Allentown-Bethlehem-Easton, PA-NJ | 42,940 | 45,618 | 6.2 | 40,873 | 42,618 | 4.3 | 105.1 | 107.0 | 1.8 |
| Altoona, PA | 5,439 | 5,726 | 5.3 | 5,729 | 5,897 | 2.9 | 94.9 | 97.1 | 2.3 |
| Amarillo, TX | 11,687 | 12,268 | 5.0 | 11,992 | 12,406 | 3.4 | 97.5 | 98.9 | 1.4 |
| Ames, IA | 5,113 | 5,416 | 5.9 | 5,309 | 5,516 | 3.9 | 96.3 | 98.2 | 2.0 |
| Anchorage, AK | 23,275 | 24,329 | 4.5 | 20,482 | 21,176 | 3.4 | 113.6 | 114.9 | 1.1 |
| Ann Arbor, MI | 20,945 | 22,021 | 5.1 | 19,729 | 20,282 | 2.8 | 106.2 | 108.6 | 2.3 |
| Anniston-Oxford, AL | 4,096 | 4,242 | 3.6 | 4,641 | 4,757 | 2.5 | 88.3 | 89.2 | 1.0 |
| Appleton, WI | 11,636 | 12,146 | 4.4 | 12,266 | 12,614 | 2.8 | 94.9 | 96.3 | 1.5 |
| Asheville, NC | 19,697 | 20,880 | 6.0 | 20,154 | 20,831 | 3.4 | 97.7 | 100.2 | 2.6 |
| Athens-Clarke County, GA | 8,127 | 8,598 | 5.8 | 8,458 | 8,783 | 3.8 | 96.1 | 97.9 | 1.9 |
| Atlanta-Sandy Springs-Alpharetta, GA | 295,295 | 312,213 | 5.7 | 289,057 | 299,076 | 3.5 | 102.2 | 104.4 | 2.2 |
| Atlantic City-Hammonton, NJ | 12,397 | 12,918 | 4.2 | 11,707 | 12,010 | 2.6 | 105.9 | 107.6 | 1.6 |
| Auburn-Opelika, AL | 5,890 | 6,236 | 5.9 | 6,671 | 6,810 | 2.1 | 88.3 | 91.6 | 3.7 |
| Augusta-Richmond County, GA-SC | 24,302 | 25,407 | 4.5 | 26,026 | 26,640 | 2.4 | 93.4 | 95.4 | 2.1 |
| Austin-Round Rock-Georgetown, TX | 117,458 | 127,439 | 8.5 | 111,750 | 118,563 | 6.1 | 105.1 | 107.5 | 2.3 |
| Bakersfield, CA | 34,196 | 35,604 | 4.1 | 33,648 | 34,416 | 2.3 | 101.6 | 103.5 | 1.9 |
| Baltimore-Columbia-Towson, MD | 166,713 | 174,901 | 4.9 | 148,020 | 152,757 | 3.2 | 112.6 | 114.5 | 1.7 |
| Bangor, ME | 6,044 | 6,354 | 5.1 | 5,930 | 6,138 | 3.5 | 101.9 | 103.5 | 1.6 |
| Barnstable Town, MA | 15,110 | 15,954 | 5.6 | 13,641 | 14,113 | 3.5 | 110.8 | 113.0 | 2.0 |
| Baton Rouge, LA | 39,158 | 41,009 | 4.7 | 40,485 | 41,669 | 2.9 | 96.7 | 98.4 | 1.8 |
| Battle Creek, MI | 5,187 | 5,417 | 4.4 | 5,563 | 5,757 | 3.5 | 93.2 | 94.1 | 1.0 |
| Bay City, MI | 4,188 | 4,336 | 3.5 | 4,645 | 4,724 | 1.7 | 90.2 | 91.8 | 1.8 |
| Beaumont-Port Arthur, TX | 17,035 | 17,623 | 3.4 | 18,154 | 18,622 | 2.6 | 93.8 | 94.6 | 0.9 |
| Beckley, WV | 4,328 | 4,540 | 4.9 | 5,426 | 5,522 | 1.8 | 79.8 | 82.2 | 3.0 |
| Bellingham, WA | 10,355 | 11,012 | 6.3 | 9,906 | 10,239 | 3.4 | 104.5 | 107.5 | 2.9 |
| Bend, OR | 9,907 | 10,587 | 6.9 | 9,268 | 9,712 | 4.8 | 106.9 | 109.0 | 2.0 |
| Billings, MT | 8,889 | 9,383 | 5.6 | 8,800 | 9,215 | 4.7 | 101.0 | 101.8 | 0.8 |
| Binghamton, NY | 10,438 | 10,766 | 3.1 | 10,347 | 10,481 | 1.3 | 100.9 | 102.7 | 1.8 |
| Birmingham-Hoover, AL | 52,787 | 55,469 | 5.1 | 56,772 | 58,315 | 2.7 | 93.0 | 95.1 | 2.3 |
| Bismarck, ND | 6,977 | 7,258 | 4.0 | 7,086 | 7,291 | 2.9 | 98.5 | 99.6 | 1.1 |
| Blacksburg-Christiansburg, VA | 6,129 | 6,483 | 5.8 | 6,578 | 6,786 | 3.2 | 93.2 | 95.5 | 2.5 |
| Bloomington, IL | 8,166 | 8,500 | 4.1 | 8,377 | 8,605 | 2.7 | 97.5 | 98.8 | 1.3 |
| Bloomington, IN | 6,714 | 7,037 | 4.8 | 6,923 | 7,155 | 3.3 | 97.0 | 98.4 | 1.4 |
| Bloomsburg-Berwick, PA | 3,667 | 3,810 | 3.9 | 3,727 | 3,837 | 2.9 | 98.4 | 99.3 | 0.9 |
| Boise City, ID | 31,288 | 33,580 | 7.3 | 31,975 | 33,467 | 4.7 | 97.9 | 100.3 | 2.5 |
| Boston-Cambridge-Newton, MA-NH | 362,273 | 383,665 | 5.9 | 303,858 | 313,119 | 3.0 | 119.2 | 122.5 | 2.8 |
| Boulder, CO | 22,458 | 23,932 | 6.6 | 19,860 | 20,834 | 4.9 | 113.1 | 114.9 | 1.6 |
| Bowling Green, KY | 6,275 | 6,519 | 3.9 | 7,032 | 7,187 | 2.2 | 89.2 | 90.7 | 1.7 |
| Bremerton-Silverdale-Port Orchard, WA | 14,083 | 15,175 | 7.8 | 12,490 | 13,117 | 5.0 | 112.8 | 115.7 | 2.6 |
| Bridgeport-Stamford-Norwalk, CT | 106,392 | 113,853 | 7.0 | 87,160 | 92,075 | 5.6 | 122.1 | 123.7 | 1.3 |
| Brownsville-Harlingen, TX | 11,607 | 12,190 | 5.0 | 13,288 | 13,692 | 3.0 | 87.3 | 89.0 | 1.9 |
| Brunswick, GA | 4,598 | 4,868 | 5.9 | 5,035 | 5,158 | 2.5 | 91.3 | 94.4 | 3.4 |
| Buffalo-Cheektowaga, NY | 55,217 | 56,976 | 3.2 | 55,512 | 56,023 | 0.9 | 99.5 | 101.7 | 2.2 |
| Burlington, NC | 6,237 | 6,548 | 5.0 | 6,634 | 6,815 | 2.7 | 94.0 | 96.1 | 2.2 |
| Burlington-South Burlington, VT | 12,136 | 12,729 | 4.9 | 10,908 | 11,221 | 2.9 | 111.3 | 113.4 | 1.9 |
| California-Lexington Park, MD | 6,120 | 6,402 | 4.6 | 5,858 | 6,082 | 3.8 | 104.5 | 105.3 | 0.8 |
| Canton-Massillon, OH | 17,150 | 17,846 | 4.1 | 18,724 | 19,257 | 2.8 | 91.6 | 92.7 | 1.2 |
| Cape Coral-Fort Myers, FL | 36,141 | 38,686 | 7.0 | 35,460 | 36,865 | 4.0 | 101.9 | 104.9 | 2.9 |
| Cape Girardeau, MO-IL | 4,057 | 4,253 | 4.8 | 4,651 | 4,725 | 1.6 | 87.2 | 90.0 | 3.2 |
| Carbondale-Marion, IL | 5,332 | 5,573 | 4.5 | 6,092 | 6,232 | 2.3 | 87.5 | 89.4 | 2.2 |
| Carson City, NV | 2,625 | 2,812 | 7.2 | 2,608 | 2,713 | 4.0 | 100.6 | 103.6 | 3.0 |

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Casper, WY | 4,992 | 5,489 | 10.0 | 4,989 | 5,396 | 8.2 | 100.1 | 101.7 | 1.6 |
| Cedar Rapids, IA | 13,454 | 14,205 | 5.6 | 14,380 | 14,965 | 4.1 | 93.6 | 94.9 | 1.4 |
| Chambersburg-Waynesboro, PA | 6,834 | 7,185 | 5.1 | 6,885 | 7,079 | 2.8 | 99.3 | 101.5 | 2.2 |
| Champaign-Urbana, IL | 9,888 | 10,408 | 5.3 | 10,084 | 10,519 | 4.3 | 98.1 | 98.9 | 0.8 |
| Charleston, WV | 10,917 | 11,469 | 5.1 | 12,018 | 12,375 | 3.0 | 90.8 | 92.7 | 2.1 |
| Charleston-North Charleston, SC | 37,800 | 40,137 | 6.2 | 37,313 | 38,631 | 3.5 | 101.3 | 103.9 | 2.6 |
| Charlotte-Concord-Gastonia, NC-SC | 127,597 | 135,350 | 6.1 | 129,240 | 133,919 | 3.6 | 98.7 | 101.1 | 2.4 |
| Charlottesville, VA | 13,708 | 14,529 | 6.0 | 13,159 | 13,668 | 3.9 | 104.2 | 106.3 | 2.0 |
| Chattanooga, TN-GA | 24,578 | 25,740 | 4.7 | 26,400 | 27,018 | 2.3 | 93.1 | 95.3 | 2.4 |
| Cheyenne, WY | 4,898 | 5,151 | 5.2 | 4,866 | 5,086 | 4.5 | 100.6 | 101.3 | 0.7 |
| Chicago-Naperville-Elgin, IL-IN-WI | 552,339 | 580,270 | 5.1 | 508,271 | 523,897 | 3.1 | 108.7 | 110.8 | 1.9 |
| Chico, CA | 9,776 | 10,255 | 4.9 | 9,361 | 9,589 | 2.4 | 104.4 | 107.0 | 2.5 |
| Cincinnati, OH-KY-IN | 113,938 | 119,888 | 5.2 | 120,200 | 124,136 | 3.3 | 94.8 | 96.6 | 1.9 |
| Clarksville, TN-KY | 11,791 | 12,230 | 3.7 | 12,583 | 12,802 | 1.7 | 93.7 | 95.5 | 1.9 |
| Cleveland, TN | 4,525 | 4,744 | 4.8 | 5,192 | 5,211 | 0.4 | 87.2 | 91.0 | 4.4 |
| Cleveland-Elyria, OH | 105,828 | 110,539 | 4.5 | 111,480 | 114,417 | 2.6 | 94.9 | 96.6 | 1.8 |
| Coeur d'Alene, ID | 6,792 | 7,266 | 7.0 | 6,868 | 7,162 | 4.3 | 98.9 | 101.4 | 2.5 |
| College Station-Bryan, TX | 9,724 | 10,375 | 6.7 | 9,968 | 10,401 | 4.3 | 97.5 | 99.7 | 2.3 |
| Colorado Springs, CO | 33,884 | 35,833 | 5.8 | 32,735 | 33,672 | 2.9 | 103.5 | 106.4 | 2.8 |
| Columbia, MO | 9,266 | 9,662 | 4.3 | 9,840 | 10,084 | 2.5 | 94.2 | 95.8 | 1.7 |
| Columbia, SC | 36,099 | 37,392 | 3.6 | 37,355 | 37,966 | 1.6 | 96.6 | 98.5 | 2.0 |
| Columbus, GA-AL | 12,447 | 13,056 | 4.9 | 13,279 | 13,684 | 3.0 | 93.7 | 95.4 | 1.8 |
| Columbus, IN | 3,956 | 4,131 | 4.4 | 4,243 | 4,332 | 2.1 | 93.2 | 95.4 | 2.4 |
| Columbus, OH | 102,745 | 107,781 | 4.9 | 106,131 | 109,267 | 3.0 | 96.8 | 98.6 | 1.9 |
| Corpus Christi, TX | 18,153 | 19,016 | 4.8 | 18,485 | 19,011 | 2.8 | 98.2 | 100.0 | 1.8 |
| Corvallis, OR | 4,076 | 4,331 | 6.2 | 3,798 | 3,951 | 4.0 | 107.3 | 109.6 | 2.1 |
| Crestview-Fort Walton Beach-Destin, FL | 13,544 | 14,393 | 6.3 | 13,612 | 14,221 | 4.5 | 99.5 | 101.2 | 1.7 |
| Cumberland, MD-WV | 3,779 | 3,921 | 3.8 | 4,145 | 4,246 | 2.4 | 91.2 | 92.4 | 1.3 |
| Dallas-Fort Worth-Arlington, TX | 391,943 | 417,481 | 6.5 | 372,049 | 386,615 | 3.9 | 105.3 | 108.0 | 2.6 |
| Dalton, GA | 5,033 | 5,229 | 3.9 | 5,706 | 5,782 | 1.3 | 88.2 | 90.4 | 2.5 |
| Danville, IL | 2,914 | 3,032 | 4.1 | 3,489 | 3,597 | 3.1 | 83.5 | 84.3 | 1.0 |
| Daphne-Fairhope-Foley, AL | 9,353 | 9,941 | 6.3 | 9,873 | 10,262 | 3.9 | 94.7 | 96.9 | 2.3 |
| Davenport-Moline-Rock Island, IA-IL | 18,060 | 18,757 | 3.9 | 19,333 | 19,709 | 1.9 | 93.4 | 95.2 | 1.9 |
| Dayton-Kettering, OH | 36,771 | 38,461 | 4.6 | 39,386 | 40,601 | 3.1 | 93.4 | 94.7 | 1.4 |
| Decatur, AL | 5,627 | 5,887 | 4.6 | 6,495 | 6,575 | 1.2 | 86.6 | 89.5 | 3.3 |
| Decatur, IL | 4,794 | 5,049 | 5.3 | 5,359 | 5,519 | 3.0 | 89.4 | 91.5 | 2.3 |
| Deltona-Daytona Beach-Ormond Beach, FL | 26,679 | 28,381 | 6.4 | 26,585 | 27,578 | 3.7 | 100.4 | 102.9 | 2.5 |
| Denver-Aurora-Lakewood, CO | 175,326 | 188,515 | 7.5 | 158,370 | 167,469 | 5.7 | 110.7 | 112.6 | 1.7 |
| Des Moines-West Des Moines, IA | 35,320 | 37,466 | 6.1 | 36,140 | 37,701 | 4.3 | 97.7 | 99.4 | 1.7 |
| Detroit-Warren-Dearborn, MI | 219,366 | 229,674 | 4.7 | 218,474 | 224,234 | 2.6 | 100.4 | 102.4 | 2.0 |
| Dothan, AL | 5,798 | 6,061 | 4.5 | 6,611 | 6,733 | 1.8 | 87.7 | 90.0 | 2.6 |
| Dover, DE | 7,135 | 7,503 | 5.2 | 7,264 | 7,582 | 4.4 | 98.2 | 99.0 | 0.8 |
| Dubuque, IA | 4,486 | 4,754 | 6.0 | 4,730 | 4,946 | 4.6 | 94.8 | 96.1 | 1.4 |
| Duluth, MN-WI | 12,676 | 13,387 | 5.6 | 13,508 | 13,899 | 2.9 | 93.8 | 96.3 | 2.7 |
| Durham-Chapel Hill, NC | 32,018 | 34,342 | 7.3 | 32,165 | 33,746 | 4.9 | 99.5 | 101.8 | 2.3 |
| East Stroudsburg, PA | 6,790 | 7,242 | 6.7 | 6,679 | 6,949 | 4.0 | 101.7 | 104.2 | 2.5 |
| Eau Claire, WI | 7,566 | 8,003 | 5.8 | 8,008 | 8,344 | 4.2 | 94.5 | 95.9 | 1.5 |
| El Centro, CA | 6,634 | 6,723 | 1.3 | 6,969 | 6,976 | 0.1 | 95.2 | 96.4 | 1.3 |
| Elizabethtown-Fort Knox, KY | 6,160 | 6,464 | 4.9 | 6,904 | 7,025 | 1.7 | 89.2 | 92.0 | 3.1 |
| Elkhart-Goshen, IN | 9,286 | 9,624 | 3.6 | 9,901 | 10,103 | 2.0 | 93.8 | 95.3 | 1.6 |
| Elmira, NY | 3,628 | 3,739 | 3.0 | 3,620 | 3,650 | 0.8 | 100.2 | 102.4 | 2.2 |
| El Paso, TX | 28,927 | 30,302 | 4.8 | 31,038 | 31,871 | 2.7 | 93.2 | 95.1 | 2.0 |
| Enid, OK | 2,613 | 2,709 | 3.7 | 2,760 | 2,814 | 2.0 | 94.7 | 96.2 | 1.6 |
| Erie, PA | 11,588 | 12,216 | 5.4 | 11,923 | 12,342 | 3.5 | 97.2 | 99.0 | 1.9 |
| Eugene-Springfield, OR | 16,512 | 17,431 | 5.6 | 15,960 | 16,498 | 3.4 | 103.5 | 105.7 | 2.1 |
| Evansville, IN-KY | 14,310 | 14,888 | 4.0 | 15,357 | 15,749 | 2.6 | 93.2 | 94.5 | 1.4 |
| Fairbanks, AK | 5,383 | 5,602 | 4.1 | 4,744 | 4,899 | 3.3 | 113.5 | 114.4 | 0.8 |
| Fargo, ND-MN | 12,235 | 12,939 | 5.8 | 12,737 | 13,194 | 3.6 | 96.1 | 98.1 | 2.1 |
| Farmington, NM | 4,266 | 4,433 | 3.9 | 4,484 | 4,537 | 1.2 | 95.1 | 97.7 | 2.7 |
| Fayetteville, NC | 18,243 | 19,238 | 5.5 | 19,590 | 20,209 | 3.2 | 93.1 | 95.2 | 2.3 |
| Fayetteville-Springdale-Rogers, AR | 32,296 | 34,354 | 6.4 | 34,424 | 36,058 | 4.7 | 93.8 | 95.3 | 1.6 |

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Flagstaff, AZ | 6,584 | 6,875 | 4.4 | 6,361 | 6,506 | 2.3 | 103.5 | 105.7 | 2.1 |
| Flint, MI | 16,054 | 16,710 | 4.1 | 17,014 | 17,357 | 2.0 | 94.4 | 96.3 | 2.0 |
| Florence, SC | 7,943 | 8,283 | 4.3 | 8,736 | 8,883 | 1.7 | 90.9 | 93.2 | 2.5 |
| Florence-Muscle Shoals, AL | 5,315 | 5,534 | 4.1 | 6,079 | 6,271 | 3.2 | 87.4 | 88.2 | 0.9 |
| Fond du Lac, WI | 4,730 | 4,960 | 4.9 | 5,174 | 5,309 | 2.6 | 91.4 | 93.4 | 2.2 |
| Fort Collins, CO | 17,715 | 18,994 | 7.2 | 16,655 | 17,352 | 4.2 | 106.4 | 109.5 | 2.9 |
| Fort Smith, AR-OK | 9,111 | 9,456 | 3.8 | 10,293 | 10,552 | 2.5 | 88.5 | 89.6 | 1.2 |
| Fort Wayne, IN | 17,884 | 18,891 | 5.6 | 19,099 | 19,840 | 3.9 | 93.6 | 95.2 | 1.7 |
| Fresno, CA | 40,583 | 42,843 | 5.6 | 40,064 | 41,401 | 3.3 | 101.3 | 103.5 | 2.2 |
| Gadsden, AL | 3,659 | 3,784 | 3.4 | 4,256 | 4,285 | 0.7 | 86.0 | 88.3 | 2.7 |
| Gainesville, FL | 13,311 | 14,035 | 5.4 | 13,525 | 13,884 | 2.7 | 98.4 | 101.1 | 2.7 |
| Gainesville, GA | 8,348 | 8,834 | 5.8 | 8,901 | 9,116 | 2.4 | 93.8 | 96.9 | 3.3 |
| Gettysburg, PA | 4,813 | 5,056 | 5.0 | 4,775 | 4,902 | 2.7 | 100.8 | 103.1 | 2.3 |
| Glens Falls, NY | 5,670 | 5,823 | 2.7 | 5,567 | 5,593 | 0.5 | 101.9 | 104.1 | 2.2 |
| Goldsboro, NC | 4,599 | 4,742 | 3.1 | 5,031 | 5,077 | 0.9 | 91.4 | 93.4 | 2.2 |
| Grand Forks, ND-MN | 4,944 | 5,183 | 4.8 | 5,177 | 5,313 | 2.6 | 95.5 | 97.6 | 2.2 |
| Grand Island, NE | 3,191 | 3,322 | 4.1 | 3,598 | 3,673 | 2.1 | 88.7 | 90.4 | 1.9 |
| Grand Junction, CO | 6,395 | 6,884 | 7.6 | 6,503 | 6,880 | 5.8 | 98.3 | 100.1 | 1.8 |
| Grand Rapids-Kentwood, MI | 51,057 | 54,120 | 6.0 | 52,509 | 54,712 | 4.2 | 97.2 | 98.9 | 1.7 |
| Grants Pass, OR | 3,394 | 3,581 | 5.5 | 3,441 | 3,584 | 4.2 | 98.6 | 99.9 | 1.3 |
| Great Falls, MT | 3,696 | 3,880 | 5.0 | 3,818 | 3,913 | 2.5 | 96.8 | 99.1 | 2.4 |
| Greeley, CO | 13,485 | 14,512 | 7.6 | 13,079 | 13,857 | 5.9 | 103.1 | 104.7 | 1.6 |
| Green Bay, WI | 15,753 | 16,579 | 5.2 | 16,641 | 17,201 | 3.4 | 94.7 | 96.4 | 1.8 |
| Greensboro-High Point, NC | 31,838 | 33,157 | 4.1 | 33,675 | 34,404 | 2.2 | 94.5 | 96.4 | 2.0 |
| Greenville, NC | 7,122 | 7,411 | 4.1 | 7,717 | 7,931 | 2.8 | 92.3 | 93.4 | 1.2 |
| Greenville-Anderson, SC | 38,190 | 40,085 | 5.0 | 40,327 | 41,336 | 2.5 | 94.7 | 97.0 | 2.4 |
| Gulfport-Biloxi, MS | 14,731 | 15,340 | 4.1 | 15,954 | 16,307 | 2.2 | 92.3 | 94.1 | 2.0 |
| Hagerstown-Martinsburg, MD-WV | 11,927 | 12,547 | 5.2 | 11,550 | 11,940 | 3.4 | 103.3 | 105.1 | 1.7 |
| Hammond, LA | 4,959 | 5,214 | 5.1 | 5,488 | 5,668 | 3.3 | 90.4 | 92.0 | 1.8 |
| Hanford-Corcoran, CA | 5,138 | 5,344 | 4.0 | 5,127 | 5,228 | 2.0 | 100.2 | 102.2 | 2.0 |
| Harrisburg-Carlisle, PA | 28,547 | 30,085 | 5.4 | 28,109 | 29,017 | 3.2 | 101.6 | 103.7 | 2.1 |
| Harrisonburg, VA | 5,163 | 5,373 | 4.1 | 5,501 | 5,544 | 0.8 | 93.9 | 96.9 | 3.2 |
| Hartford-East Hartford-Middletown, CT | 74,169 | 77,610 | 4.6 | 68,904 | 70,847 | 2.8 | 107.6 | 109.5 | 1.8 |
| Hattiesburg, MS | 6,218 | 6,503 | 4.6 | 7,195 | 7,213 | 0.2 | 86.4 | 90.2 | 4.4 |
| Hickory-Lenoir-Morganton, NC | 13,990 | 14,681 | 4.9 | 15,280 | 15,630 | 2.3 | 91.6 | 93.9 | 2.5 |
| Hilton Head Island-Bluffton, SC | 10,820 | 11,549 | 6.7 | 10,785 | 11,331 | 5.1 | 100.3 | 101.9 | 1.6 |
| Hinesville, GA | 2,603 | 2,716 | 4.4 | 2,758 | 2,773 | 0.6 | 94.4 | 97.9 | 3.7 |
| Homosassa Springs, FL | 5,328 | 5,609 | 5.3 | 5,788 | 5,912 | 2.1 | 92.0 | 94.9 | 3.2 |
| Hot Springs, AR | 3,803 | 3,967 | 4.3 | 4,211 | 4,324 | 2.7 | 90.3 | 91.7 | 1.6 |
| Houma-Thibodaux, LA | 8,733 | 9,229 | 5.7 | 9,260 | 9,644 | 4.1 | 94.3 | 95.7 | 1.5 |
| Houston-The Woodlands-Sugar Land, TX | 369,311 | 392,394 | 6.3 | 345,311 | 359,216 | 4.0 | 107.0 | 109.2 | 2.1 |
| Huntington-Ashland, WV-KY-OH | 13,716 | 14,477 | 5.5 | 15,181 | 15,738 | 3.7 | 90.4 | 92.0 | 1.8 |
| Huntsville, AL | 21,621 | 22,947 | 6.1 | 23,059 | 23,986 | 4.0 | 93.8 | 95.7 | 2.0 |
| Idaho Falls, ID | 6,363 | 6,772 | 6.4 | 6,621 | 6,917 | 4.5 | 96.1 | 97.9 | 1.9 |
| Indianapolis-Carmel-Anderson, IN | 105,838 | 110,997 | 4.9 | 109,779 | 112,939 | 2.9 | 96.4 | 98.3 | 2.0 |
| Iowa City, IA | 8,714 | 9,239 | 6.0 | 8,805 | 9,195 | 4.4 | 99.0 | 100.5 | 1.5 |
| Ithaca, NY | 4,463 | 4,655 | 4.3 | 3,986 | 4,098 | 2.8 | 112.0 | 113.6 | 1.4 |
| Jackson, MI | 6,035 | 6,326 | 4.8 | 6,492 | 6,702 | 3.2 | 93.0 | 94.4 | 1.5 |
| Jackson, MS | 25,196 | 26,166 | 3.9 | 26,945 | 27,335 | 1.4 | 93.5 | 95.7 | 2.4 |
| Jackson, TN | 6,876 | 7,171 | 4.3 | 8,085 | 8,250 | 2.0 | 85.0 | 86.9 | 2.2 |
| Jacksonville, FL | 71,976 | 76,357 | 6.1 | 71,628 | 74,544 | 4.1 | 100.5 | 102.4 | 1.9 |
| Jacksonville, NC | 8,736 | 9,121 | 4.4 | 8,968 | 9,227 | 2.9 | 97.4 | 98.9 | 1.5 |
| Janesville-Beloit, WI | 6,848 | 7,211 | 5.3 | 7,242 | 7,475 | 3.2 | 94.6 | 96.5 | 2.0 |
| Jefferson City, MO | 6,394 | 6,637 | 3.8 | 7,429 | 7,574 | 2.0 | 86.1 | 87.6 | 1.7 |
| Johnson City, TN | 7,806 | 8,182 | 4.8 | 8,562 | 8,872 | 3.6 | 91.2 | 92.2 | 1.1 |
| Johnstown, PA | 5,418 | 5,720 | 5.6 | 5,956 | 6,175 | 3.7 | 91.0 | 92.6 | 1.8 |
| Jonesboro, AR | 4,634 | 4,849 | 4.6 | 5,367 | 5,427 | 1.1 | 86.3 | 89.3 | 3.5 |
| Joplin, MO | 6,929 | 7,114 | 2.7 | 7,618 | 7,789 | 2.2 | 91.0 | 91.3 | 0.3 |
| Kahului-Wailuku-Lahaina, HI | 7,879 | 8,204 | 4.1 | 6,796 | 6,983 | 2.8 | 115.9 | 117.5 | 1.4 |
| Kalamazoo-Portage, MI | 12,276 | 12,905 | 5.1 | 12,886 | 13,309 | 3.3 | 95.3 | 97.0 | 1.8 |
| Kankakee, IL | 4,378 | 4,543 | 3.8 | 4,428 | 4,529 | 2.3 | 98.9 | 100.3 | 1.4 |

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Kansas City, MO-KS | 110,016 | 115,303 | 4.8 | 112,568 | 115,722 | 2.8 | 97.7 | 99.6 | 1.9 |
| Kennewick-Richland, WA | 12,513 | 13,110 | 4.8 | 12,246 | 12,556 | 2.5 | 102.2 | 104.4 | 2.2 |
| Killeen-Temple, TX | 18,064 | 18,805 | 4.1 | 18,976 | 19,446 | 2.5 | 95.2 | 96.7 | 1.6 |
| Kingsport-Bristol, TN-VA | 11,750 | 12,277 | 4.5 | 13,174 | 13,480 | 2.3 | 89.2 | 91.1 | 2.1 |
| Kingston, NY | 8,670 | 9,013 | 4.0 | 7,977 | 8,133 | 2.0 | 108.7 | 110.8 | 1.9 |
| Knoxville, TN | 37,322 | 39,343 | 5.4 | 40,243 | 41,351 | 2.8 | 92.7 | 95.1 | 2.6 |
| Kokomo, IN | 3,286 | 3,446 | 4.9 | 3,623 | 3,741 | 3.3 | 90.7 | 92.1 | 1.5 |
| La Crosse-Onalaska, WI-MN | 6,578 | 6,897 | 4.8 | 6,832 | 7,033 | 2.9 | 96.3 | 98.1 | 1.9 |
| Lafayette, LA | 20,502 | 21,666 | 5.7 | 22,429 | 23,329 | 4.0 | 91.4 | 92.9 | 1.6 |
| Lafayette-West Lafayette, IN | 8,578 | 9,197 | 7.2 | 8,996 | 9,538 | 6.0 | 95.3 | 96.4 | 1.2 |
| Lake Charles, LA | 9,669 | 10,296 | 6.5 | 10,329 | 10,799 | 4.5 | 93.6 | 95.3 | 1.8 |
| Lake Havasu City-Kingman, AZ | 6,574 | 6,946 | 5.7 | 6,932 | 7,191 | 3.7 | 94.8 | 96.6 | 1.9 |
| Lakeland-Winter Haven, FL | 23,723 | 25,108 | 5.8 | 24,220 | 25,101 | 3.6 | 97.9 | 100.0 | 2.1 |
| Lancaster, PA | 27,031 | 28,626 | 5.9 | 25,854 | 26,967 | 4.3 | 104.6 | 106.2 | 1.5 |
| Lansing-East Lansing, MI | 21,942 | 23,000 | 4.8 | 22,832 | 23,507 | 3.0 | 96.1 | 97.8 | 1.8 |
| Laredo, TX | 8,261 | 8,729 | 5.7 | 8,919 | 9,314 | 4.4 | 92.6 | 93.7 | 1.2 |
| Las Cruces, NM | 7,598 | 7,955 | 4.7 | 8,154 | 8,497 | 4.2 | 93.2 | 93.6 | 0.4 |
| Las Vegas-Henderson-Paradise, NV | 98,439 | 105,088 | 6.8 | 97,120 | 101,187 | 4.2 | 101.4 | 103.9 | 2.5 |
| Lawrence, KS | 5,054 | 5,300 | 4.9 | 5,271 | 5,373 | 1.9 | 95.9 | 98.6 | 2.8 |
| Lawton, OK | 5,054 | 5,238 | 3.6 | 5,395 | 5,506 | 2.1 | 93.7 | 95.1 | 1.5 |
| Lebanon, PA | 6,447 | 6,833 | 6.0 | 6,427 | 6,632 | 3.2 | 100.3 | 103.0 | 2.7 |
| Lewiston, ID-WA | 2,752 | 2,859 | 3.9 | 2,884 | 2,946 | 2.1 | 95.4 | 97.1 | 1.8 |
| Lewiston-Auburn, ME | 4,260 | 4,472 | 5.0 | 4,235 | 4,365 | 3.1 | 100.6 | 102.4 | 1.8 |
| Lexington-Fayette, KY | 23,784 | 24,737 | 4.0 | 25,042 | 25,455 | 1.6 | 95.0 | 97.2 | 2.3 |
| Lima, OH | 4,196 | 4,396 | 4.8 | 4,672 | 4,867 | 4.2 | 89.8 | 90.3 | 0.6 |
| Lincoln, NE | 15,756 | 16,691 | 5.9 | 16,426 | 17,076 | 4.0 | 95.9 | 97.7 | 1.9 |
| Little Rock-North Little Rock-Conway, AR | 32,399 | 33,729 | 4.1 | 34,201 | 35,249 | 3.1 | 94.7 | 95.7 | 1.1 |
| Logan, UT-ID | 5,145 | 5,447 | 5.9 | 5,352 | 5,561 | 3.9 | 96.1 | 98.0 | 2.0 |
| Longview, TX | 11,270 | 11,912 | 5.7 | 11,839 | 12,367 | 4.5 | 95.2 | 96.3 | 1.2 |
| Longview, WA | 4,602 | 4,903 | 6.6 | 4,601 | 4,822 | 4.8 | 100.0 | 101.7 | 1.7 |
| Los Angeles-Long Beach-Anaheim, CA | 806,548 | 849,493 | 5.3 | 656,807 | 676,081 | 2.9 | 122.8 | 125.6 | 2.3 |
| Louisville/Jefferson County, KY-IN | 60,704 | 63,373 | 4.4 | 64,064 | 65,507 | 2.3 | 94.8 | 96.7 | 2.0 |
| Lubbock, TX | 12,795 | 13,459 | 5.2 | 13,125 | 13,620 | 3.8 | 97.5 | 98.8 | 1.3 |
| Lynchburg, VA | 10,143 | 10,633 | 4.8 | 10,744 | 11,097 | 3.3 | 94.4 | 95.8 | 1.5 |
| Macon-Bibb County, GA | 9,026 | 9,434 | 4.5 | 9,896 | 10,078 | 1.8 | 91.2 | 93.6 | 2.6 |
| Madera, CA | 5,934 | 6,291 | 6.0 | 5,946 | 6,234 | 4.9 | 99.8 | 100.9 | 1.1 |
| Madison, WI | 37,111 | 39,210 | 5.7 | 36,552 | 37,850 | 3.6 | 101.5 | 103.6 | 2.1 |
| Manchester-Nashua, NH | 24,089 | 25,391 | 5.4 | 21,090 | 21,926 | 4.0 | 114.2 | 115.8 | 1.4 |
| Manhattan, KS | 5,818 | 6,007 | 3.3 | 6,025 | 6,168 | 2.4 | 96.6 | 97.4 | 0.8 |
| Mankato, MN | 4,530 | 4,690 | 3.5 | 4,744 | 4,801 | 1.2 | 95.5 | 97.7 | 2.3 |
| Mansfield, OH | 4,564 | 4,751 | 4.1 | 5,056 | 5,223 | 3.3 | 90.3 | 91.0 | 0.8 |
| McAllen-Edinburg-Mission, TX | 21,845 | 22,869 | 4.7 | 24,893 | 25,778 | 3.6 | 87.8 | 88.7 | 1.0 |
| Medford, OR | 9,653 | 10,232 | 6.0 | 9,430 | 9,799 | 3.9 | 102.4 | 104.4 | 2.0 |
| Memphis, TN-MS-AR | 59,806 | 62,580 | 4.6 | 62,973 | 64,655 | 2.7 | 95.0 | 96.8 | 1.9 |
| Merced, CA | 10,321 | 10,584 | 2.5 | 10,388 | 10,382 | -0.1 | 99.4 | 101.9 | 2.5 |
| Miami-Fort Lauderdale-Pompano Beach, FL | 334,597 | 354,746 | 6.0 | 290,612 | 300,951 | 3.6 | 115.1 | 117.9 | 2.4 |
| Michigan City-La Porte, IN | 4,458 | 4,678 | 4.9 | 5,029 | 5,143 | 2.3 | 88.6 | 91.0 | 2.7 |
| Midland, MI | 4,847 | 5,031 | 3.8 | 5,081 | 5,175 | 1.9 | 95.4 | 97.2 | 1.9 |
| Midland, TX | 18,564 | 21,800 | 17.4 | 17,709 | 20,465 | 15.6 | 104.8 | 106.5 | 1.6 |
| Milwaukee-Waukesha, WI | 85,398 | 89,846 | 5.2 | 85,236 | 88,301 | 3.6 | 100.2 | 101.7 | 1.5 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 215,264 | 227,292 | 5.6 | 199,350 | 206,451 | 3.6 | 108.0 | 110.1 | 1.9 |
| Missoula, MT | 5,550 | 5,879 | 5.9 | 5,541 | 5,769 | 4.1 | 100.2 | 101.9 | 1.7 |
| Mobile, AL | 15,821 | 16,418 | 3.8 | 17,464 | 17,809 | 2.0 | 90.6 | 92.2 | 1.8 |
| Modesto, CA | 23,094 | 24,258 | 5.0 | 22,245 | 22,737 | 2.2 | 103.8 | 106.7 | 2.8 |
| Monroe, LA | 7,896 | 8,186 | 3.7 | 8,975 | 9,058 | 0.9 | 88.0 | 90.4 | 2.7 |
| Monroe, MI | 6,806 | 7,145 | 5.0 | 7,019 | 7,267 | 3.5 | 97.0 | 98.3 | 1.3 |
| Montgomery, AL | 15,557 | 16,027 | 3.0 | 16,761 | 16,936 | 1.0 | 92.8 | 94.6 | 1.9 |
| Morgantown, WV | 5,691 | 5,962 | 4.8 | 5,928 | 6,180 | 4.3 | 96.0 | 96.5 | 0.5 |
| Morristown, TN | 4,832 | 5,078 | 5.1 | 5,690 | 5,771 | 1.4 | 84.9 | 88.0 | 3.7 |
| Mount Vernon-Anacortes, WA | 6,316 | 6,803 | 7.7 | 6,004 | 6,314 | 5.2 | 105.2 | 107.7 | 2.4 |
| Muncie, IN | 4,121 | 4,270 | 3.6 | 4,566 | 4,618 | 1.1 | 90.2 | 92.5 | 2.5 |

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Muskegon, MI | 6,461 | 6,782 | 5.0 | 7,071 | 7,265 | 2.7 | 91.4 | 93.4 | 2.2 |
| Myrtle Beach-Conway-North Myrtle Beach, SC-NC | 17,407 | 18,610 | 6.9 | 17,949 | 18,877 | 5.2 | 97.0 | 98.6 | 1.6 |
| Napa, CA | 9,798 | 10,454 | 6.7 | 7,596 | 7,985 | 5.1 | 129.0 | 130.9 | 1.5 |
| Naples-Marco Island, FL | 32,428 | 35,080 | 8.2 | 30,269 | 32,158 | 6.2 | 107.1 | 109.1 | 1.9 |
| Nashville-Davidson--Murfreesboro--Franklin, TN | 103,883 | 110,453 | 6.3 | 104,622 | 108,508 | 3.7 | 99.3 | 101.8 | 2.5 |
| New Bern, NC | 5,194 | 5,417 | 4.3 | 5,856 | 6,005 | 2.5 | 88.7 | 90.2 | 1.7 |
| New Haven-Milford, CT | 45,982 | 48,584 | 5.7 | 40,175 | 41,828 | 4.1 | 114.5 | 116.2 | 1.5 |
| New Orleans-Metairie, LA | 63,267 | 66,609 | 5.3 | 63,611 | 66,002 | 3.8 | 99.5 | 100.9 | 1.4 |
| New York-Newark-Jersey City, NY-NJ-PA | 1,409,828 | 1,480,233 | 5.0 | 1,085,280 | 1,111,975 | 2.5 | 129.9 | 133.1 | 2.5 |
| Niles, MI | 7,047 | 7,311 | 3.7 | 7,610 | 7,819 | 2.8 | 92.6 | 93.5 | 1.0 |
| North Port-Sarasota-Bradenton, FL | 43,260 | 46,388 | 7.2 | 41,092 | 43,014 | 4.7 | 105.3 | 107.8 | 2.4 |
| Norwich-New London, CT | 15,144 | 15,811 | 4.4 | 14,061 | 14,406 | 2.5 | 107.7 | 109.8 | 1.9 |
| Ocala, FL | 12,634 | 13,318 | 5.4 | 13,251 | 13,625 | 2.8 | 95.3 | 97.8 | 2.6 |
| Ocean City, NJ | 5,402 | 5,635 | 4.3 | 4,982 | 5,091 | 2.2 | 108.4 | 110.7 | 2.1 |
| Odessa, TX | 6,687 | 7,664 | 14.6 | 6,683 | 7,554 | 13.0 | 100.1 | 101.5 | 1.4 |
| Ogden-Clearfield, UT | 27,777 | 29,695 | 6.9 | 28,266 | 29,366 | 3.9 | 98.3 | 101.1 | 2.8 |
| Oklahoma City, OK | 63,561 | 67,827 | 6.7 | 66,494 | 69,688 | 4.8 | 95.6 | 97.3 | 1.8 |
| Olympia-Lacey-Tumwater, WA | 13,684 | 14,803 | 8.2 | 12,149 | 12,776 | 5.2 | 112.6 | 115.9 | 2.9 |
| Omaha-Council Bluffs, NE-IA | 51,486 | 54,682 | 6.2 | 53,067 | 55,341 | 4.3 | 97.0 | 98.8 | 1.9 |
| Orlando-Kissimmee-Sanford, FL | 104,910 | 111,901 | 6.7 | 101,277 | 105,643 | 4.3 | 103.6 | 105.9 | 2.2 |
| Oshkosh-Neenah, WI | 7,860 | 8,226 | 4.7 | 8,287 | 8,544 | 3.1 | 94.8 | 96.3 | 1.6 |
| Owensboro, KY | 4,744 | 4,930 | 3.9 | 5,164 | 5,237 | 1.4 | 91.9 | 94.1 | 2.4 |
| Oxnard-Thousand Oaks-Ventura, CA | 49,994 | 52,515 | 5.0 | 40,417 | 41,792 | 3.4 | 123.7 | 125.7 | 1.6 |
| Palm Bay-Melbourne-Titusville, FL | 25,514 | 27,112 | 6.3 | 25,259 | 26,239 | 3.9 | 101.0 | 103.3 | 2.3 |
| Panama City, FL | 7,638 | 8,010 | 4.9 | 7,673 | 7,880 | 2.7 | 99.5 | 101.7 | 2.2 |
| Parkersburg-Vienna, WV | 3,545 | 3,780 | 6.6 | 3,826 | 4,011 | 4.8 | 92.7 | 94.2 | 1.6 |
| Pensacola-Ferry Pass-Brent, FL | 20,269 | 21,408 | 5.6 | 20,839 | 21,588 | 3.6 | 97.3 | 99.2 | 2.0 |
| Peoria, IL | 18,657 | 19,705 | 5.6 | 20,012 | 20,866 | 4.3 | 93.2 | 94.4 | 1.3 |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 371,355 | 392,847 | 5.8 | 335,513 | 347,500 | 3.6 | 110.7 | 113.0 | 2.1 |
| Phoenix-Mesa-Chandler, AZ | 210,503 | 224,072 | 6.4 | 204,991 | 212,981 | 3.9 | 102.7 | 105.2 | 2.4 |
| Pine Bluff, AR | 3,021 | 3,093 | 2.4 | 3,494 | 3,540 | 1.3 | 86.5 | 87.4 | 1.0 |
| Pittsburgh, PA | 126,933 | 135,003 | 6.4 | 129,199 | 135,106 | 4.6 | 98.2 | 99.9 | 1.7 |
| Pittsfield, MA | 6,847 | 7,139 | 4.3 | 6,625 | 6,760 | 2.0 | 103.4 | 105.6 | 2.1 |
| Pocatello, ID | 3,441 | 3,610 | 4.9 | 3,710 | 3,843 | 3.6 | 92.7 | 93.9 | 1.3 |
| Portland-South Portland, ME | 29,230 | 30,921 | 5.8 | 27,021 | 27,919 | 3.3 | 108.2 | 110.8 | 2.4 |
| Portland-Vancouver-Hillsboro, OR-WA | 132,684 | 141,270 | 6.5 | 122,617 | 126,883 | 3.5 | 108.2 | 111.3 | 2.9 |
| Port St. Lucie, FL | 24,523 | 26,140 | 6.6 | 23,983 | 24,866 | 3.7 | 102.2 | 105.1 | 2.8 |
| Poughkeepsie-Newburgh-Middletown, NY | 34,779 | 36,359 | 4.5 | 28,265 | 28,933 | 2.4 | 123.0 | 125.7 | 2.2 |
| Prescott Valley-Prescott, AZ | 8,753 | 9,352 | 6.8 | 8,699 | 9,167 | 5.4 | 100.6 | 102.0 | 1.4 |
| Providence-Warwick, RI-MA | 84,325 | 88,501 | 5.0 | 79,981 | 82,605 | 3.3 | 105.4 | 107.1 | 1.6 |
| Provo-Orem, UT | 23,970 | 25,877 | 8.0 | 23,793 | 25,039 | 5.2 | 100.7 | 103.3 | 2.6 |
| Pueblo, CO | 6,248 | 6,619 | 5.9 | 6,579 | 6,850 | 4.1 | 95.0 | 96.6 | 1.7 |
| Punta Gorda, FL | 7,237 | 7,689 | 6.2 | 7,192 | 7,436 | 3.4 | 100.6 | 103.4 | 2.8 |
| Racine, WI | 9,292 | 9,780 | 5.3 | 9,492 | 9,865 | 3.9 | 97.9 | 99.1 | 1.2 |
| Raleigh-Cary, NC | 69,678 | 75,001 | 7.6 | 68,738 | 72,345 | 5.2 | 101.4 | 103.7 | 2.3 |
| Rapid City, SD | 6,618 | 6,956 | 5.1 | 6,986 | 7,274 | 4.1 | 94.7 | 95.6 | 1.0 |
| Reading, PA | 19,796 | 20,985 | 6.0 | 19,570 | 20,314 | 3.8 | 101.2 | 103.3 | 2.1 |
| Redding, CA | 7,986 | 8,387 | 5.0 | 7,825 | 8,056 | 3.0 | 102.1 | 104.1 | 2.0 |
| Reno, NV | 25,890 | 28,016 | 8.2 | 25,222 | 26,563 | 5.3 | 102.6 | 105.5 | 2.8 |
| Richmond, VA | 70,179 | 73,485 | 4.7 | 69,286 | 71,243 | 2.8 | 101.3 | 103.1 | 1.8 |
| Riverside-San Bernardino-Ontario, CA | 177,428 | 187,142 | 5.5 | 158,199 | 162,967 | 3.0 | 112.2 | 114.8 | 2.3 |
| Roanoke, VA | 14,131 | 14,755 | 4.4 | 14,879 | 15,191 | 2.1 | 95.0 | 97.1 | 2.2 |
| Rochester, MN | 11,321 | 12,160 | 7.4 | 11,551 | 12,145 | 5.1 | 98.0 | 100.1 | 2.1 |
| Rochester, NY | 53,177 | 54,804 | 3.1 | 51,698 | 52,313 | 1.2 | 102.9 | 104.8 | 1.8 |
| Rockford, IL | 14,248 | 14,968 | 5.1 | 15,354 | 15,929 | 3.7 | 92.8 | 94.0 | 1.3 |
| Rocky Mount, NC | 5,543 | 5,768 | 4.1 | 6,208 | 6,352 | 2.3 | 89.3 | 90.8 | 1.7 |
| Rome, GA | 3,605 | 3,772 | 4.6 | 4,197 | 4,247 | 1.2 | 85.9 | 88.8 | 3.4 |
| Sacramento-Roseville-Folsom, CA | 125,325 | 131,984 | 5.3 | 116,025 | 118,705 | 2.3 | 108.0 | 111.2 | 3.0 |
| Saginaw, MI | 7,159 | 7,394 | 3.3 | 7,785 | 7,918 | 1.7 | 92.0 | 93.4 | 1.5 |
| St. Cloud, MN | 8,851 | 9,293 | 5.0 | 9,279 | 9,527 | 2.7 | 95.4 | 97.5 | 2.2 |
| St. George, UT | 6,105 | 6,670 | 9.3 | 6,135 | 6,570 | 7.1 | 99.5 | 101.5 | 2.0 |

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| St. Joseph, MO-KS | 4,802 | 4,965 | 3.4 | 5,309 | 5,426 | 2.2 | 90.5 | 91.5 | 1.1 |
| St. Louis, MO-IL | 148,554 | 156,779 | 5.5 | 154,595 | 160,592 | 3.9 | 96.1 | 97.6 | 1.6 |
| Salem, OR | 17,343 | 18,457 | 6.4 | 16,968 | 17,581 | 3.6 | 102.2 | 105.0 | 2.7 |
| Salinas, CA | 23,511 | 24,477 | 4.1 | 20,490 | 20,797 | 1.5 | 114.7 | 117.7 | 2.6 |
| Salisbury, MD-DE | 18,879 | 19,801 | 4.9 | 20,140 | 20,767 | 3.1 | 93.7 | 95.3 | 1.7 |
| Salt Lake City, UT | 59,115 | 63,249 | 7.0 | 57,372 | 59,734 | 4.1 | 103.0 | 105.9 | 2.8 |
| San Angelo, TX | 5,290 | 5,616 | 6.2 | 5,427 | 5,691 | 4.9 | 97.5 | 98.7 | 1.2 |
| San Antonio-New Braunfels, TX | 111,031 | 118,335 | 6.6 | 112,498 | 117,453 | 4.4 | 98.7 | 100.8 | 2.1 |
| San Diego-Chula Vista-Carlsbad, CA | 193,200 | 205,236 | 6.2 | 157,473 | 164,302 | 4.3 | 122.7 | 124.9 | 1.8 |
| San Francisco-Oakland-Berkeley, CA | 436,388 | 470,222 | 7.8 | 320,525 | 332,951 | 3.9 | 136.1 | 141.2 | 3.7 |
| San Jose-Sunnyvale-Santa Clara, CA | 196,748 | 212,332 | 7.9 | 143,800 | 152,932 | 6.4 | 136.8 | 138.8 | 1.5 |
| San Luis Obispo-Paso Robles, CA | 15,736 | 16,612 | 5.6 | 13,831 | 14,247 | 3.0 | 113.8 | 116.6 | 2.5 |
| Santa Cruz-Watsonville, CA | 17,855 | 19,021 | 6.5 | 13,413 | 14,125 | 5.3 | 133.1 | 134.7 | 1.2 |
| Santa Fe, NM | 8,270 | 8,780 | 6.2 | 8,063 | 8,365 | 3.7 | 102.6 | 105.0 | 2.3 |
| Santa Maria-Santa Barbara, CA | 26,573 | 27,993 | 5.3 | 22,892 | 23,461 | 2.5 | 116.1 | 119.3 | 2.8 |
| Santa Rosa-Petaluma, CA | 30,280 | 32,247 | 6.5 | 23,482 | 24,544 | 4.5 | 129.0 | 131.4 | 1.9 |
| Savannah, GA | 17,291 | 18,362 | 6.2 | 17,473 | 18,133 | 3.8 | 99.0 | 101.3 | 2.3 |
| Scranton--Wilkes-Barre, PA | 24,396 | 25,649 | 5.1 | 25,133 | 25,985 | 3.4 | 97.1 | 98.7 | 1.6 |
| Seattle-Tacoma-Bellevue, WA | 271,575 | 293,954 | 8.2 | 230,643 | 242,608 | 5.2 | 117.7 | 121.2 | 3.0 |
| Sebastian-Vero Beach, FL | 11,134 | 11,973 | 7.5 | 11,465 | 12,039 | 5.0 | 97.1 | 99.5 | 2.5 |
| Sebring-Avon Park, FL | 3,426 | 3,527 | 2.9 | 3,883 | 3,838 | -1.1 | 88.2 | 91.9 | 4.2 |
| Sheboygan, WI | 5,845 | 6,102 | 4.4 | 6,208 | 6,408 | 3.2 | 94.1 | 95.2 | 1.2 |
| Sherman-Denison, TX | 5,335 | 5,654 | 6.0 | 5,563 | 5,774 | 3.8 | 95.9 | 97.9 | 2.1 |
| Shreveport-Bossier City, LA | 17,539 | 18,489 | 5.4 | 18,851 | 19,544 | 3.7 | 93.0 | 94.6 | 1.7 |
| Sierra Vista-Douglas, AZ | 4,895 | 5,110 | 4.4 | 5,259 | 5,366 | 2.0 | 93.1 | 95.2 | 2.3 |
| Sioux City, IA-NE-SD | 6,878 | 7,282 | 5.9 | 7,406 | 7,661 | 3.4 | 92.9 | 95.0 | 2.3 |
| Sioux Falls, SD | 14,928 | 15,812 | 5.9 | 15,547 | 16,138 | 3.8 | 96.0 | 98.0 | 2.1 |
| South Bend-Mishawaka, IN-MI | 14,666 | 15,233 | 3.9 | 15,884 | 16,133 | 1.6 | 92.3 | 94.4 | 2.3 |
| Spartanburg, SC | 12,812 | 13,544 | 5.7 | 13,556 | 14,103 | 4.0 | 94.5 | 96.0 | 1.6 |
| Spokane-Spokane Valley, WA | 24,229 | 25,701 | 6.1 | 24,119 | 25,010 | 3.7 | 100.5 | 102.8 | 2.3 |
| Springfield, IL | 9,634 | 10,131 | 5.2 | 10,228 | 10,496 | 2.6 | 94.2 | 96.5 | 2.4 |
| Springfield, MA | 35,055 | 36,509 | 4.1 | 33,944 | 34,964 | 3.0 | 103.3 | 104.4 | 1.1 |
| Springfield, MO | 18,633 | 19,510 | 4.7 | 20,400 | 21,065 | 3.3 | 91.3 | 92.6 | 1.4 |
| Springfield, OH | 5,283 | 5,487 | 3.9 | 5,818 | 5,974 | 2.7 | 90.8 | 91.8 | 1.1 |
| State College, PA | 7,224 | 7,521 | 4.1 | 6,716 | 6,912 | 2.9 | 107.6 | 108.8 | 1.1 |
| Staunton, VA | 5,199 | 5,451 | 4.8 | 5,803 | 5,907 | 1.8 | 89.6 | 92.3 | 3.0 |
| Stockton, CA | 31,476 | 33,866 | 7.6 | 29,906 | 31,346 | 4.8 | 105.2 | 108.0 | 2.7 |
| Sumter, SC | 5,026 | 5,230 | 4.1 | 5,503 | 5,714 | 3.8 | 91.3 | 91.5 | 0.2 |
| Syracuse, NY | 31,256 | 32,353 | 3.5 | 30,710 | 31,250 | 1.8 | 101.8 | 103.5 | 1.7 |
| Tallahassee, FL | 15,571 | 16,408 | 5.4 | 15,833 | 16,378 | 3.4 | 98.3 | 100.2 | 1.9 |
| Tampa-St. Petersburg-Clearwater, FL | 140,073 | 148,460 | 6.0 | 135,423 | 139,797 | 3.2 | 103.4 | 106.2 | 2.7 |
| Terre Haute, IN | 6,877 | 7,149 | 4.0 | 7,547 | 7,726 | 2.4 | 91.1 | 92.5 | 1.5 |
| Texarkana, TX-AR | 5,482 | 5,650 | 3.1 | 6,001 | 6,114 | 1.9 | 91.4 | 92.4 | 1.1 |
| The Villages, FL | 5,509 | 5,936 | 7.7 | 5,607 | 5,881 | 4.9 | 98.3 | 100.9 | 2.6 |
| Toledo, OH | 28,787 | 30,166 | 4.8 | 31,364 | 32,400 | 3.3 | 91.8 | 93.1 | 1.4 |
| Topeka, KS | 10,202 | 10,703 | 4.9 | 10,955 | 11,273 | 2.9 | 93.1 | 94.9 | 1.9 |
| Trenton-Princeton, NJ | 24,282 | 25,644 | 5.6 | 21,142 | 22,001 | 4.1 | 114.9 | 116.6 | 1.5 |
| Tucson, AZ | 43,292 | 45,748 | 5.7 | 43,801 | 45,399 | 3.6 | 98.8 | 100.8 | 2.0 |
| Tulsa, OK | 50,705 | 54,526 | 7.5 | 53,631 | 56,737 | 5.8 | 94.5 | 96.1 | 1.7 |
| Tuscaloosa, AL | 9,136 | 9,565 | 4.7 | 9,961 | 10,232 | 2.7 | 91.7 | 93.5 | 2.0 |
| Twin Falls, ID | 4,132 | 4,328 | 4.7 | 4,330 | 4,492 | 3.7 | 95.4 | 96.4 | 1.0 |
| Tyler, TX | 11,836 | 12,715 | 7.4 | 12,054 | 12,791 | 6.1 | 98.2 | 99.4 | 1.2 |
| Urban Honolulu, HI | 56,275 | 58,421 | 3.8 | 43,049 | 43,864 | 1.9 | 130.7 | 133.2 | 1.9 |
| Utica-Rome, NY | 12,509 | 12,833 | 2.6 | 12,763 | 12,830 | 0.5 | 98.0 | 100.0 | 2.0 |
| Valdosta, GA | 5,033 | 5,294 | 5.2 | 5,835 | 5,922 | 1.5 | 86.2 | 89.4 | 3.7 |
| Vallejo, CA | 21,468 | 23,074 | 7.5 | 17,128 | 17,999 | 5.1 | 125.3 | 128.2 | 2.3 |
| Victoria, TX | 4,332 | 4,579 | 5.7 | 4,423 | 4,593 | 3.8 | 97.9 | 99.7 | 1.8 |
| Vineland-Bridgeton, NJ | 5,862 | 6,082 | 3.8 | 5,712 | 5,755 | 0.7 | 102.6 | 105.7 | 3.0 |
| Virginia Beach-Norfolk-Newport News, VA-NC | 85,397 | 89,345 | 4.6 | 83,320 | 85,833 | 3.0 | 102.5 | 104.1 | 1.6 |
| Visalia, CA | 18,069 | 18,830 | 4.2 | 18,167 | 18,636 | 2.6 | 99.5 | 101.0 | 1.5 |
| Waco, TX | 10,522 | 11,104 | 5.5 | 11,036 | 11,533 | 4.5 | 95.3 | 96.3 | 1.0 |

# Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2017-2018

| | Personal income [Millions of dollars] | | | Real personal income [Millions of chained (2012) dollars] | | | Implicit regional price deflators | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Walla Walla, WA | 2,680 | 2,811 | 4.9 | 2,629 | 2,717 | 3.3 | 101.9 | 103.5 | 1.6 |
| Warner Robins, GA | 7,294 | 7,666 | 5.1 | 7,798 | 8,018 | 2.8 | 93.5 | 95.6 | 2.2 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 430,565 | 453,978 | 5.4 | 348,562 | 359,256 | 3.1 | 123.5 | 126.4 | 2.3 |
| Waterloo-Cedar Falls, IA | 7,391 | 7,815 | 5.7 | 7,811 | 8,130 | 4.1 | 94.6 | 96.1 | 1.6 |
| Watertown-Fort Drum, NY | 5,142 | 5,244 | 2.0 | 4,957 | 4,978 | 0.4 | 103.7 | 105.3 | 1.5 |
| Wausau-Weston, WI | 7,712 | 8,054 | 4.4 | 8,195 | 8,425 | 2.8 | 94.1 | 95.6 | 1.6 |
| Weirton-Steubenville, WV-OH | 4,547 | 4,738 | 4.2 | 5,136 | 5,251 | 2.2 | 88.5 | 90.2 | 1.9 |
| Wenatchee, WA | 5,700 | 6,000 | 5.3 | 5,539 | 5,648 | 2.0 | 102.9 | 106.2 | 3.2 |
| Wheeling, WV-OH | 6,442 | 6,845 | 6.3 | 7,167 | 7,503 | 4.7 | 89.9 | 91.2 | 1.4 |
| Wichita, KS | 31,128 | 33,061 | 6.2 | 33,232 | 34,771 | 4.6 | 93.7 | 95.1 | 1.5 |
| Wichita Falls, TX | 6,258 | 6,586 | 5.2 | 6,722 | 7,006 | 4.2 | 93.1 | 94.0 | 1.0 |
| Williamsport, PA | 4,738 | 4,981 | 5.1 | 4,867 | 5,036 | 3.5 | 97.3 | 98.9 | 1.6 |
| Wilmington, NC | 12,142 | 12,752 | 5.0 | 12,426 | 12,696 | 2.2 | 97.7 | 100.4 | 2.8 |
| Winchester, VA-WV | 6,395 | 6,735 | 5.3 | 6,558 | 6,758 | 3.1 | 97.5 | 99.7 | 2.3 |
| Winston-Salem, NC | 28,874 | 30,115 | 4.3 | 30,887 | 31,612 | 2.3 | 93.5 | 95.3 | 1.9 |
| Worcester, MA-CT | 50,200 | 52,892 | 5.4 | 45,981 | 47,740 | 3.8 | 109.2 | 110.8 | 1.5 |
| Yakima, WA | 10,483 | 10,908 | 4.1 | 10,676 | 10,875 | 1.9 | 98.2 | 100.3 | 2.1 |
| York-Hanover, PA | 21,321 | 22,464 | 5.4 | 21,054 | 21,706 | 3.1 | 101.3 | 103.5 | 2.2 |
| Youngstown-Warren-Boardman, OH-PA | 21,944 | 22,875 | 4.2 | 24,161 | 24,753 | 2.5 | 90.8 | 92.4 | 1.8 |
| Yuba City, CA | 7,149 | 7,505 | 5.0 | 6,995 | 7,254 | 3.7 | 102.2 | 103.5 | 1.3 |
| Yuma, AZ | 7,352 | 7,569 | 3.0 | 7,814 | 7,938 | 1.6 | 94.1 | 95.3 | 1.3 |
| | | | | | | | | | |
| Maximum | 1,409,828 | 1,480,233 | 17.4 | 1,085,280 | 1,111,975 | 15.6 | 136.8 | 141.2 | 4.4 |
| Minimum | 2,603 | 2,709 | 1.3 | 2,608 | 2,713 | -1.1 | 79.8 | 82.2 | 0.2 |
| Range | 1,407,225 | 1,477,524 | 16.1 | 1,082,672 | 1,109,262 | 16.7 | 57.0 | 59.0 | 4.2 |

Source: U.S. Bureau of Economic Analysis

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

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

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| United States | 51,885 | 54,446 | 4.9 | 48,980 | 50,346 | 2.8 |
| United States nonmetropolitan portion | 39,690 | 41,552 | 4.7 | 42,997 | 44,417 | 3.3 |
| Metropolitan Statistical Areas | | | | | | |
| Abilene, TX | 40,862 | 43,140 | 5.6 | 42,897 | 43,979 | 2.5 |
| Akron, OH | 47,343 | 49,423 | 4.4 | 49,779 | 51,138 | 2.7 |
| Albany, GA | 36,522 | 37,500 | 2.7 | 41,835 | 42,158 | 0.8 |
| Albany-Lebanon, OR | 40,865 | 42,891 | 5.0 | 40,495 | 41,374 | 2.2 |
| Albany-Schenectady-Troy, NY | 56,264 | 58,104 | 3.3 | 53,420 | 54,205 | 1.5 |
| Albuquerque, NM | 40,715 | 42,536 | 4.5 | 40,915 | 42,090 | 2.9 |
| Alexandria, LA | 42,200 | 43,995 | 4.3 | 46,026 | 47,550 | 3.3 |
| Allentown-Bethlehem-Easton, PA-NJ | 51,236 | 54,120 | 5.6 | 48,770 | 50,560 | 3.7 |
| Altoona, PA | 44,160 | 46,743 | 5.8 | 46,514 | 48,144 | 3.5 |
| Amarillo, TX | 44,111 | 46,131 | 4.6 | 45,262 | 46,648 | 3.1 |
| Ames, IA | 41,321 | 43,519 | 5.3 | 42,902 | 44,324 | 3.3 |
| Anchorage, AK | 58,093 | 60,953 | 4.9 | 51,123 | 53,053 | 3.8 |
| Ann Arbor, MI | 56,729 | 59,363 | 4.6 | 53,435 | 54,673 | 2.3 |
| Anniston-Oxford, AL | 35,721 | 37,120 | 3.9 | 40,472 | 41,630 | 2.9 |
| Appleton, WI | 49,292 | 51,134 | 3.7 | 51,963 | 53,106 | 2.2 |
| Asheville, NC | 43,265 | 45,433 | 5.0 | 44,270 | 45,325 | 2.4 |
| Athens-Clarke County, GA | 38,884 | 40,690 | 4.6 | 40,469 | 41,564 | 2.7 |
| Atlanta-Sandy Springs-Alpharetta, GA | 50,269 | 52,473 | 4.4 | 49,207 | 50,265 | 2.2 |
| Atlantic City-Hammonton, NJ | 46,549 | 48,668 | 4.6 | 43,958 | 45,248 | 2.9 |
| Auburn-Opelika, AL | 36,437 | 38,036 | 4.4 | 41,272 | 41,538 | 0.6 |
| Augusta-Richmond County, GA-SC | 40,502 | 42,053 | 3.8 | 43,376 | 44,093 | 1.7 |
| Austin-Round Rock-Georgetown, TX | 55,530 | 58,773 | 5.8 | 52,831 | 54,680 | 3.5 |
| Bakersfield, CA | 38,467 | 39,703 | 3.2 | 37,850 | 38,378 | 1.4 |
| Baltimore-Columbia-Towson, MD | 59,570 | 62,402 | 4.8 | 52,891 | 54,502 | 3.0 |
| Bangor, ME | 39,976 | 42,053 | 5.2 | 39,225 | 40,624 | 3.6 |
| Barnstable Town, MA | 70,777 | 74,756 | 5.6 | 63,899 | 66,129 | 3.5 |
| Baton Rouge, LA | 45,865 | 48,042 | 4.7 | 47,419 | 48,815 | 2.9 |
| Battle Creek, MI | 38,608 | 40,276 | 4.3 | 41,408 | 42,810 | 3.4 |
| Bay City, MI | 40,192 | 41,722 | 3.8 | 44,582 | 45,456 | 2.0 |
| Beaumont-Port Arthur, TX | 42,728 | 44,527 | 4.2 | 45,535 | 47,050 | 3.3 |
| Beckley, WV | 36,477 | 38,717 | 6.1 | 45,737 | 47,088 | 3.0 |
| Bellingham, WA | 46,719 | 48,792 | 4.4 | 44,694 | 45,368 | 1.5 |
| Bend, OR | 53,033 | 55,143 | 4.0 | 49,614 | 50,584 | 2.0 |
| Billings, MT | 49,558 | 52,019 | 5.0 | 49,060 | 51,085 | 4.1 |
| Binghamton, NY | 43,201 | 44,817 | 3.7 | 42,823 | 43,632 | 1.9 |
| Birmingham-Hoover, AL | 48,618 | 50,979 | 4.9 | 52,288 | 53,594 | 2.5 |
| Bismarck, ND | 54,507 | 56,564 | 3.8 | 55,362 | 56,819 | 2.6 |
| Blacksburg-Christiansburg, VA | 36,723 | 38,538 | 4.9 | 39,410 | 40,334 | 2.3 |
| Bloomington, IL | 47,247 | 49,180 | 4.1 | 48,468 | 49,787 | 2.7 |
| Bloomington, IN | 40,079 | 41,947 | 4.7 | 41,331 | 42,648 | 3.2 |
| Bloomsburg-Berwick, PA | 43,692 | 45,527 | 4.2 | 44,412 | 45,840 | 3.2 |
| Boise City, ID | 44,062 | 45,973 | 4.3 | 45,030 | 45,819 | 1.8 |
| Boston-Cambridge-Newton, MA-NH | 74,779 | 78,694 | 5.2 | 62,721 | 64,224 | 2.4 |
| Boulder, CO | 69,298 | 73,394 | 5.9 | 61,284 | 63,893 | 4.3 |
| Bowling Green, KY | 35,863 | 36,740 | 2.4 | 40,192 | 40,508 | 0.8 |
| Bremerton-Silverdale-Port Orchard, WA | 52,833 | 56,244 | 6.5 | 46,858 | 48,617 | 3.8 |
| Bridgeport-Stamford-Norwalk, CT | 112,769 | 120,630 | 7.0 | 92,384 | 97,556 | 5.6 |
| Brownsville-Harlingen, TX | 27,427 | 28,756 | 4.8 | 31,400 | 32,301 | 2.9 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Brunswick, GA | 39,058 | 41,092 | 5.2 | 42,766 | 43,547 | 1.8 |
| Buffalo-Cheektowaga, NY | 48,879 | 50,414 | 3.1 | 49,140 | 49,571 | 0.9 |
| Burlington, NC | 38,141 | 39,342 | 3.1 | 40,568 | 40,947 | 0.9 |
| Burlington-South Burlington, VT | 55,445 | 57,575 | 3.8 | 49,837 | 50,753 | 1.8 |
| California-Lexington Park, MD | 54,446 | 56,820 | 4.4 | 52,111 | 53,980 | 3.6 |
| Canton-Massillon, OH | 42,937 | 44,767 | 4.3 | 46,877 | 48,304 | 3.0 |
| Cape Coral-Fort Myers, FL | 48,872 | 51,266 | 4.9 | 47,951 | 48,853 | 1.9 |
| Cape Girardeau, MO-IL | 41,882 | 43,850 | 4.7 | 48,012 | 48,720 | 1.5 |
| Carbondale-Marion, IL | 38,782 | 40,701 | 4.9 | 44,307 | 45,514 | 2.7 |
| Carson City, NV | 48,065 | 50,754 | 5.6 | 47,762 | 48,967 | 2.5 |
| Casper, WY | 62,751 | 69,379 | 10.6 | 62,706 | 68,202 | 8.8 |
| Cedar Rapids, IA | 49,721 | 52,168 | 4.9 | 53,143 | 54,960 | 3.4 |
| Chambersburg-Waynesboro, PA | 44,239 | 46,403 | 4.9 | 44,567 | 45,718 | 2.6 |
| Champaign-Urbana, IL | 43,644 | 45,975 | 5.3 | 44,508 | 46,468 | 4.4 |
| Charleston, WV | 41,322 | 44,053 | 6.6 | 45,491 | 47,533 | 4.5 |
| Charleston-North Charleston, SC | 48,769 | 50,958 | 4.5 | 48,140 | 49,047 | 1.9 |
| Charlotte-Concord-Gastonia, NC-SC | 50,043 | 52,176 | 4.3 | 50,688 | 51,625 | 1.8 |
| Charlottesville, VA | 63,300 | 66,577 | 5.2 | 60,765 | 62,630 | 3.1 |
| Chattanooga, TN-GA | 44,198 | 45,900 | 3.9 | 47,475 | 48,178 | 1.5 |
| Cheyenne, WY | 49,746 | 52,039 | 4.6 | 49,426 | 51,384 | 4.0 |
| Chicago-Naperville-Elgin, IL-IN-WI | 58,014 | 61,089 | 5.3 | 53,385 | 55,154 | 3.3 |
| Chico, CA | 42,653 | 44,346 | 4.0 | 40,839 | 41,464 | 1.5 |
| Cincinnati, OH-KY-IN | 51,729 | 54,176 | 4.7 | 54,572 | 56,095 | 2.8 |
| Clarksville, TN-KY | 39,426 | 39,991 | 1.4 | 42,076 | 41,859 | -0.5 |
| Cleveland, TN | 37,063 | 38,371 | 3.5 | 42,525 | 42,151 | -0.9 |
| Cleveland-Elyria, OH | 51,409 | 53,738 | 4.5 | 54,155 | 55,623 | 2.7 |
| Coeur d'Alene, ID | 43,129 | 44,987 | 4.3 | 43,612 | 44,345 | 1.7 |
| College Station-Bryan, TX | 37,569 | 39,533 | 5.2 | 38,514 | 39,635 | 2.9 |
| Colorado Springs, CO | 46,708 | 48,492 | 3.8 | 45,124 | 45,568 | 1.0 |
| Columbia, MO | 44,916 | 46,510 | 3.5 | 47,698 | 48,538 | 1.8 |
| Columbia, SC | 43,750 | 44,906 | 2.6 | 45,273 | 45,596 | 0.7 |
| Columbus, GA-AL | 39,407 | 41,067 | 4.2 | 42,040 | 43,041 | 2.4 |
| Columbus, IN | 47,987 | 49,922 | 4.0 | 51,469 | 52,344 | 1.7 |
| Columbus, OH | 49,338 | 51,165 | 3.7 | 50,964 | 51,871 | 1.8 |
| Corpus Christi, TX | 42,389 | 44,311 | 4.5 | 43,165 | 44,299 | 2.6 |
| Corvallis, OR | 44,519 | 47,019 | 5.6 | 41,482 | 42,901 | 3.4 |
| Crestview-Fort Walton Beach-Destin, FL | 49,800 | 51,655 | 3.7 | 50,051 | 51,038 | 2.0 |
| Cumberland, MD-WV | 38,342 | 40,049 | 4.5 | 42,058 | 43,363 | 3.1 |
| Dallas-Fort Worth-Arlington, TX | 53,391 | 55,886 | 4.7 | 50,681 | 51,755 | 2.1 |
| Dalton, GA | 34,984 | 36,316 | 3.8 | 39,661 | 40,158 | 1.3 |
| Danville, IL | 37,461 | 39,481 | 5.4 | 44,854 | 46,834 | 4.4 |
| Daphne-Fairhope-Foley, AL | 43,989 | 45,596 | 3.7 | 46,433 | 47,069 | 1.4 |
| Davenport-Moline-Rock Island, IA-IL | 47,295 | 49,172 | 4.0 | 50,629 | 51,668 | 2.1 |
| Dayton-Kettering, OH | 45,751 | 47,687 | 4.2 | 49,005 | 50,339 | 2.7 |
| Decatur, AL | 37,050 | 38,719 | 4.5 | 42,760 | 43,243 | 1.1 |
| Decatur, IL | 45,425 | 48,214 | 6.1 | 50,784 | 52,706 | 3.8 |
| Deltona-Daytona Beach-Ormond Beach, FL | 41,165 | 43,028 | 4.5 | 41,019 | 41,810 | 1.9 |
| Denver-Aurora-Lakewood, CO | 60,604 | 64,287 | 6.1 | 54,743 | 57,109 | 4.3 |
| Des Moines-West Des Moines, IA | 51,782 | 54,098 | 4.5 | 52,985 | 54,437 | 2.7 |
| Detroit-Warren-Dearborn, MI | 50,759 | 53,086 | 4.6 | 50,553 | 51,829 | 2.5 |
| Dothan, AL | 39,194 | 40,883 | 4.3 | 44,694 | 45,419 | 1.6 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Dover, DE | 40,438 | 42,023 | 3.9 | 41,168 | 42,463 | 3.1 |
| Dubuque, IA | 46,242 | 49,085 | 6.1 | 48,759 | 51,064 | 4.7 |
| Duluth, MN-WI | 43,835 | 46,250 | 5.5 | 46,713 | 48,018 | 2.8 |
| Durham-Chapel Hill, NC | 51,158 | 54,036 | 5.6 | 51,394 | 53,100 | 3.3 |
| East Stroudsburg, PA | 40,393 | 42,722 | 5.8 | 39,735 | 40,993 | 3.2 |
| Eau Claire, WI | 45,188 | 47,450 | 5.0 | 47,825 | 49,468 | 3.4 |
| El Centro, CA | 36,537 | 36,974 | 1.2 | 38,382 | 38,366 | 0.0 |
| Elizabethtown-Fort Knox, KY | 40,922 | 42,144 | 3.0 | 45,866 | 45,800 | -0.1 |
| Elkhart-Goshen, IN | 45,451 | 46,816 | 3.0 | 48,460 | 49,148 | 1.4 |
| Elmira, NY | 42,745 | 44,373 | 3.8 | 42,655 | 43,325 | 1.6 |
| El Paso, TX | 34,228 | 35,836 | 4.7 | 36,725 | 37,693 | 2.6 |
| Enid, OK | 42,493 | 44,465 | 4.6 | 44,879 | 46,203 | 3.0 |
| Erie, PA | 42,308 | 44,903 | 6.1 | 43,531 | 45,366 | 4.2 |
| Eugene-Springfield, OR | 43,960 | 45,919 | 4.5 | 42,491 | 43,461 | 2.3 |
| Evansville, IN-KY | 45,436 | 47,313 | 4.1 | 48,758 | 50,049 | 2.6 |
| Fairbanks, AK | 53,974 | 56,606 | 4.9 | 47,570 | 49,496 | 4.0 |
| Fargo, ND-MN | 50,639 | 52,712 | 4.1 | 52,713 | 53,750 | 2.0 |
| Farmington, NM | 33,613 | 35,453 | 5.5 | 35,336 | 36,283 | 2.7 |
| Fayetteville, NC | 35,245 | 36,903 | 4.7 | 37,848 | 38,765 | 2.4 |
| Fayetteville-Springdale-Rogers, AR | 62,633 | 65,306 | 4.3 | 66,761 | 68,546 | 2.7 |
| Flagstaff, AZ | 46,662 | 48,129 | 3.1 | 45,076 | 45,545 | 1.0 |
| Flint, MI | 39,380 | 41,068 | 4.3 | 41,736 | 42,657 | 2.2 |
| Florence, SC | 38,644 | 40,413 | 4.6 | 42,501 | 43,339 | 2.0 |
| Florence-Muscle Shoals, AL | 36,129 | 37,608 | 4.1 | 41,325 | 42,616 | 3.1 |
| Fond du Lac, WI | 46,203 | 48,126 | 4.2 | 50,543 | 51,511 | 1.9 |
| Fort Collins, CO | 51,497 | 54,188 | 5.2 | 48,417 | 49,504 | 2.2 |
| Fort Smith, AR-OK | 36,452 | 37,800 | 3.7 | 41,178 | 42,184 | 2.4 |
| Fort Wayne, IN | 44,050 | 46,141 | 4.7 | 47,043 | 48,457 | 3.0 |
| Fresno, CA | 41,137 | 43,084 | 4.7 | 40,610 | 41,635 | 2.5 |
| Gadsden, AL | 35,542 | 36,918 | 3.9 | 41,346 | 41,801 | 1.1 |
| Gainesville, FL | 40,958 | 42,663 | 4.2 | 41,616 | 42,202 | 1.4 |
| Gainesville, GA | 41,856 | 43,701 | 4.4 | 44,630 | 45,094 | 1.0 |
| Gettysburg, PA | 47,020 | 49,173 | 4.6 | 46,644 | 47,681 | 2.2 |
| Glens Falls, NY | 45,033 | 46,411 | 3.1 | 44,215 | 44,576 | 0.8 |
| Goldsboro, NC | 37,309 | 38,472 | 3.1 | 40,820 | 41,194 | 0.9 |
| Grand Forks, ND-MN | 48,339 | 50,670 | 4.8 | 50,620 | 51,935 | 2.6 |
| Grand Island, NE | 42,186 | 43,817 | 3.9 | 47,557 | 48,453 | 1.9 |
| Grand Junction, CO | 42,239 | 44,935 | 6.4 | 42,954 | 44,905 | 4.5 |
| Grand Rapids-Kentwood, MI | 47,989 | 50,463 | 5.2 | 49,354 | 51,015 | 3.4 |
| Grants Pass, OR | 39,166 | 40,977 | 4.6 | 39,709 | 41,013 | 3.3 |
| Great Falls, MT | 45,291 | 47,518 | 4.9 | 46,792 | 47,927 | 2.4 |
| Greeley, CO | 44,173 | 46,172 | 4.5 | 42,844 | 44,087 | 2.9 |
| Green Bay, WI | 49,262 | 51,553 | 4.7 | 52,037 | 53,488 | 2.8 |
| Greensboro-High Point, NC | 41,701 | 43,189 | 3.6 | 44,107 | 44,813 | 1.6 |
| Greenville, NC | 39,873 | 41,191 | 3.3 | 43,205 | 44,084 | 2.0 |
| Greenville-Anderson, SC | 42,650 | 44,213 | 3.7 | 45,037 | 45,594 | 1.2 |
| Gulfport-Biloxi, MS | 35,672 | 36,878 | 3.4 | 38,635 | 39,201 | 1.5 |
| Hagerstown-Martinsburg, MD-WV | 42,144 | 43,897 | 4.2 | 40,813 | 41,771 | 2.3 |
| Hammond, LA | 37,474 | 38,974 | 4.0 | 41,474 | 42,366 | 2.2 |
| Hanford-Corcoran, CA | 34,323 | 35,306 | 2.9 | 34,251 | 34,541 | 0.8 |
| Harrisburg-Carlisle, PA | 49,987 | 52,354 | 4.7 | 49,220 | 50,494 | 2.6 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Harrisonburg, VA | 38,469 | 39,721 | 3.3 | 40,983 | 40,982 | 0.0 |
| Hartford-East Hartford-Middletown, CT | 61,464 | 64,337 | 4.7 | 57,100 | 58,731 | 2.9 |
| Hattiesburg, MS | 37,066 | 38,648 | 4.3 | 42,886 | 42,865 | 0.0 |
| Hickory-Lenoir-Morganton, NC | 38,119 | 39,849 | 4.5 | 41,636 | 42,424 | 1.9 |
| Hilton Head Island-Bluffton, SC | 50,351 | 53,056 | 5.4 | 50,188 | 52,051 | 3.7 |
| Hinesville, GA | 32,322 | 33,744 | 4.4 | 34,251 | 34,452 | 0.6 |
| Homosassa Springs, FL | 36,614 | 37,920 | 3.6 | 39,777 | 39,966 | 0.5 |
| Hot Springs, AR | 38,629 | 40,004 | 3.6 | 42,779 | 43,613 | 1.9 |
| Houma-Thibodaux, LA | 41,605 | 44,127 | 6.1 | 44,116 | 46,112 | 4.5 |
| Houston-The Woodlands-Sugar Land, TX | 53,479 | 56,077 | 4.9 | 50,004 | 51,336 | 2.7 |
| Huntington-Ashland, WV-KY-OH | 37,901 | 40,299 | 6.3 | 41,948 | 43,810 | 4.4 |
| Huntsville, AL | 47,442 | 49,595 | 4.5 | 50,598 | 51,839 | 2.5 |
| Idaho Falls, ID | 43,646 | 45,477 | 4.2 | 45,417 | 46,455 | 2.3 |
| Indianapolis-Carmel-Anderson, IN | 52,221 | 54,179 | 3.7 | 54,166 | 55,127 | 1.8 |
| Iowa City, IA | 50,819 | 53,280 | 4.8 | 51,353 | 53,026 | 3.3 |
| Ithaca, NY | 43,466 | 45,282 | 4.2 | 38,824 | 39,862 | 2.7 |
| Jackson, MI | 38,031 | 39,832 | 4.7 | 40,912 | 42,196 | 3.1 |
| Jackson, MS | 42,035 | 43,772 | 4.1 | 44,953 | 45,727 | 1.7 |
| Jackson, TN | 38,565 | 40,226 | 4.3 | 45,346 | 46,282 | 2.1 |
| Jacksonville, FL | 47,830 | 49,754 | 4.0 | 47,598 | 48,572 | 2.0 |
| Jacksonville, NC | 44,836 | 46,142 | 2.9 | 46,026 | 46,676 | 1.4 |
| Janesville-Beloit, WI | 42,189 | 44,204 | 4.8 | 44,613 | 45,823 | 2.7 |
| Jefferson City, MO | 42,259 | 43,802 | 3.7 | 49,100 | 49,987 | 1.8 |
| Johnson City, TN | 38,673 | 40,360 | 4.4 | 42,421 | 43,764 | 3.2 |
| Johnstown, PA | 40,721 | 43,420 | 6.6 | 44,762 | 46,876 | 4.7 |
| Jonesboro, AR | 35,330 | 36,588 | 3.6 | 40,921 | 40,951 | 0.1 |
| Joplin, MO | 38,856 | 39,765 | 2.3 | 42,720 | 43,535 | 1.9 |
| Kahului-Wailuku-Lahaina, HI | 47,322 | 49,040 | 3.6 | 40,817 | 41,739 | 2.3 |
| Kalamazoo-Portage, MI | 46,675 | 48,723 | 4.4 | 48,995 | 50,247 | 2.6 |
| Kankakee, IL | 39,602 | 41,290 | 4.3 | 40,053 | 41,164 | 2.8 |
| Kansas City, MO-KS | 51,717 | 53,788 | 4.0 | 52,917 | 53,984 | 2.0 |
| Kennewick-Richland, WA | 43,064 | 44,256 | 2.8 | 42,146 | 42,387 | 0.6 |
| Killeen-Temple, TX | 40,717 | 41,634 | 2.3 | 42,772 | 43,053 | 0.7 |
| Kingsport-Bristol, TN-VA | 38,369 | 40,042 | 4.4 | 43,018 | 43,965 | 2.2 |
| Kingston, NY | 48,508 | 50,462 | 4.0 | 44,632 | 45,538 | 2.0 |
| Knoxville, TN | 43,770 | 45,739 | 4.5 | 47,197 | 48,074 | 1.9 |
| Kokomo, IN | 39,916 | 41,842 | 4.8 | 44,012 | 45,420 | 3.2 |
| La Crosse-Onalaska, WI-MN | 48,094 | 50,412 | 4.8 | 49,950 | 51,409 | 2.9 |
| Lafayette, LA | 41,832 | 44,273 | 5.8 | 45,763 | 47,673 | 4.2 |
| Lafayette-West Lafayette, IN | 37,534 | 39,969 | 6.5 | 39,366 | 41,455 | 5.3 |
| Lake Charles, LA | 46,206 | 49,011 | 6.1 | 49,360 | 51,402 | 4.1 |
| Lake Havasu City-Kingman, AZ | 31,742 | 33,148 | 4.4 | 33,471 | 34,318 | 2.5 |
| Lakeland-Winter Haven, FL | 34,591 | 35,463 | 2.5 | 35,315 | 35,453 | 0.4 |
| Lancaster, PA | 49,961 | 52,664 | 5.4 | 47,784 | 49,612 | 3.8 |
| Lansing-East Lansing, MI | 39,981 | 41,812 | 4.6 | 41,603 | 42,733 | 2.7 |
| Laredo, TX | 30,153 | 31,635 | 4.9 | 32,554 | 33,759 | 3.7 |
| Las Cruces, NM | 35,144 | 36,570 | 4.1 | 37,718 | 39,062 | 3.6 |
| Las Vegas-Henderson-Paradise, NV | 45,087 | 47,090 | 4.4 | 44,483 | 45,342 | 1.9 |
| Lawrence, KS | 41,899 | 43,642 | 4.2 | 43,697 | 44,244 | 1.3 |
| Lawton, OK | 39,614 | 41,509 | 4.8 | 42,282 | 43,627 | 3.2 |
| Lebanon, PA | 46,194 | 48,352 | 4.7 | 46,048 | 46,928 | 1.9 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Lewiston, ID-WA | 43,771 | 45,368 | 3.6 | 45,868 | 46,745 | 1.9 |
| Lewiston-Auburn, ME | 39,600 | 41,528 | 4.9 | 39,367 | 40,537 | 3.0 |
| Lexington-Fayette, KY | 46,387 | 47,875 | 3.2 | 48,840 | 49,265 | 0.9 |
| Lima, OH | 40,712 | 42,816 | 5.2 | 45,329 | 47,404 | 4.6 |
| Lincoln, NE | 47,575 | 49,886 | 4.9 | 49,600 | 51,035 | 2.9 |
| Little Rock-North Little Rock-Conway, AR | 43,901 | 45,512 | 3.7 | 46,344 | 47,562 | 2.6 |
| Logan, UT-ID | 37,269 | 38,690 | 3.8 | 38,766 | 39,497 | 1.9 |
| Longview, TX | 39,526 | 41,630 | 5.3 | 41,521 | 43,219 | 4.1 |
| Longview, WA | 43,046 | 44,990 | 4.5 | 43,044 | 44,243 | 2.8 |
| Los Angeles-Long Beach-Anaheim, CA | 60,649 | 63,913 | 5.4 | 49,389 | 50,866 | 3.0 |
| Louisville/Jefferson County, KY-IN | 48,163 | 50,101 | 4.0 | 50,829 | 51,788 | 1.9 |
| Lubbock, TX | 40,416 | 42,181 | 4.4 | 41,457 | 42,688 | 3.0 |
| Lynchburg, VA | 38,720 | 40,374 | 4.3 | 41,016 | 42,137 | 2.7 |
| Macon-Bibb County, GA | 39,399 | 41,066 | 4.2 | 43,197 | 43,870 | 1.6 |
| Madera, CA | 38,062 | 39,897 | 4.8 | 38,137 | 39,539 | 3.7 |
| Madison, WI | 56,695 | 59,371 | 4.7 | 55,841 | 57,312 | 2.6 |
| Manchester-Nashua, NH | 58,305 | 61,147 | 4.9 | 51,046 | 52,802 | 3.4 |
| Manhattan, KS | 44,212 | 46,008 | 4.1 | 45,788 | 47,234 | 3.2 |
| Mankato, MN | 44,871 | 46,141 | 2.8 | 46,992 | 47,233 | 0.5 |
| Mansfield, OH | 37,865 | 39,234 | 3.6 | 41,942 | 43,133 | 2.8 |
| McAllen-Edinburg-Mission, TX | 25,451 | 26,410 | 3.8 | 29,002 | 29,769 | 2.6 |
| Medford, OR | 44,533 | 46,603 | 4.6 | 43,503 | 44,628 | 2.6 |
| Memphis, TN-MS-AR | 44,655 | 46,620 | 4.4 | 47,020 | 48,165 | 2.4 |
| Merced, CA | 38,037 | 38,519 | 1.3 | 38,284 | 37,785 | -1.3 |
| Miami-Fort Lauderdale-Pompano Beach, FL | 54,409 | 57,228 | 5.2 | 47,256 | 48,550 | 2.7 |
| Michigan City-La Porte, IN | 40,561 | 42,527 | 4.8 | 45,758 | 46,748 | 2.2 |
| Midland, MI | 58,229 | 60,467 | 3.8 | 61,037 | 62,195 | 1.9 |
| Midland, TX | 108,595 | 122,247 | 12.6 | 103,592 | 114,759 | 10.8 |
| Milwaukee-Waukesha, WI | 54,216 | 57,005 | 5.1 | 54,113 | 56,024 | 3.5 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 60,167 | 62,889 | 4.5 | 55,719 | 57,123 | 2.5 |
| Missoula, MT | 47,086 | 49,492 | 5.1 | 47,015 | 48,568 | 3.3 |
| Mobile, AL | 36,705 | 38,170 | 4.0 | 40,514 | 41,403 | 2.2 |
| Modesto, CA | 42,354 | 44,120 | 4.2 | 40,797 | 41,354 | 1.4 |
| Monroe, LA | 38,726 | 40,482 | 4.5 | 44,017 | 44,798 | 1.8 |
| Monroe, MI | 45,498 | 47,496 | 4.4 | 46,923 | 48,305 | 2.9 |
| Montgomery, AL | 41,592 | 42,943 | 3.2 | 44,809 | 45,378 | 1.3 |
| Morgantown, WV | 40,728 | 42,509 | 4.4 | 42,420 | 44,064 | 3.9 |
| Morristown, TN | 34,280 | 35,829 | 4.5 | 40,365 | 40,718 | 0.9 |
| Mount Vernon-Anacortes, WA | 50,119 | 53,060 | 5.9 | 47,638 | 49,250 | 3.4 |
| Muncie, IN | 35,713 | 37,201 | 4.2 | 39,574 | 40,239 | 1.7 |
| Muskegon, MI | 37,207 | 39,072 | 5.0 | 40,718 | 41,851 | 2.8 |
| Myrtle Beach-Conway-North Myrtle Beach, SC-NC | 37,565 | 38,700 | 3.0 | 38,734 | 39,253 | 1.3 |
| Napa, CA | 69,791 | 74,984 | 7.4 | 54,110 | 57,274 | 5.8 |
| Naples-Marco Island, FL | 87,092 | 92,686 | 6.4 | 81,294 | 84,963 | 4.5 |
| Nashville-Davidson--Murfreesboro--Franklin, TN | 55,382 | 57,953 | 4.6 | 55,777 | 56,933 | 2.1 |
| New Bern, NC | 41,547 | 43,257 | 4.1 | 46,847 | 47,957 | 2.4 |
| New Haven-Milford, CT | 53,605 | 56,650 | 5.7 | 46,836 | 48,772 | 4.1 |
| New Orleans-Metairie, LA | 49,799 | 52,431 | 5.3 | 50,069 | 51,954 | 3.8 |
| New York-Newark-Jersey City, NY-NJ-PA | 72,951 | 76,681 | 5.1 | 56,157 | 57,604 | 2.6 |
| Niles, MI | 45,651 | 47,430 | 3.9 | 49,300 | 50,729 | 2.9 |
| North Port-Sarasota-Bradenton, FL | 53,730 | 56,462 | 5.1 | 51,037 | 52,356 | 2.6 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Norwich-New London, CT | 56,545 | 59,264 | 4.8 | 52,500 | 53,999 | 2.9 |
| Ocala, FL | 35,719 | 36,997 | 3.6 | 37,462 | 37,849 | 1.0 |
| Ocean City, NJ | 57,976 | 60,877 | 5.0 | 53,465 | 54,999 | 2.9 |
| Odessa, TX | 42,548 | 47,271 | 11.1 | 42,522 | 46,593 | 9.6 |
| Ogden-Clearfield, UT | 41,795 | 43,988 | 5.2 | 42,532 | 43,501 | 2.3 |
| Oklahoma City, OK | 45,951 | 48,571 | 5.7 | 48,071 | 49,904 | 3.8 |
| Olympia-Lacey-Tumwater, WA | 48,820 | 51,684 | 5.9 | 43,346 | 44,605 | 2.9 |
| Omaha-Council Bluffs, NE-IA | 55,229 | 58,037 | 5.1 | 56,926 | 58,736 | 3.2 |
| Orlando-Kissimmee-Sanford, FL | 41,748 | 43,491 | 4.2 | 40,303 | 41,059 | 1.9 |
| Oshkosh-Neenah, WI | 46,131 | 48,101 | 4.3 | 48,640 | 49,957 | 2.7 |
| Owensboro, KY | 40,016 | 41,387 | 3.4 | 43,559 | 43,968 | 0.9 |
| Oxnard-Thousand Oaks-Ventura, CA | 58,761 | 61,712 | 5.0 | 47,504 | 49,111 | 3.4 |
| Palm Bay-Melbourne-Titusville, FL | 43,371 | 45,425 | 4.7 | 42,938 | 43,962 | 2.4 |
| Panama City, FL | 41,499 | 43,231 | 4.2 | 41,689 | 42,528 | 2.0 |
| Parkersburg-Vienna, WV | 39,010 | 41,988 | 7.6 | 42,102 | 44,554 | 5.8 |
| Pensacola-Ferry Pass-Brent, FL | 41,592 | 43,259 | 4.0 | 42,761 | 43,623 | 2.0 |
| Peoria, IL | 45,851 | 48,870 | 6.6 | 49,180 | 51,750 | 5.2 |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 61,094 | 64,440 | 5.5 | 55,197 | 57,001 | 3.3 |
| Phoenix-Mesa-Chandler, AZ | 44,208 | 46,125 | 4.3 | 43,050 | 43,842 | 1.8 |
| Pine Bluff, AR | 33,224 | 34,554 | 4.0 | 38,424 | 39,546 | 2.9 |
| Pittsburgh, PA | 54,471 | 58,072 | 6.6 | 55,443 | 58,117 | 4.8 |
| Pittsfield, MA | 54,135 | 56,503 | 4.4 | 52,375 | 53,501 | 2.1 |
| Pocatello, ID | 36,884 | 38,038 | 3.1 | 39,772 | 40,496 | 1.8 |
| Portland-South Portland, ME | 54,914 | 57,751 | 5.2 | 50,764 | 52,144 | 2.7 |
| Portland-Vancouver-Hillsboro, OR-WA | 54,014 | 56,991 | 5.5 | 49,916 | 51,187 | 2.5 |
| Port St. Lucie, FL | 51,824 | 54,228 | 4.6 | 50,684 | 51,586 | 1.8 |
| Poughkeepsie-Newburgh-Middletown, NY | 51,658 | 53,811 | 4.2 | 41,983 | 42,822 | 2.0 |
| Prescott Valley-Prescott, AZ | 38,381 | 40,312 | 5.0 | 38,145 | 39,515 | 3.6 |
| Providence-Warwick, RI-MA | 52,147 | 54,585 | 4.7 | 49,461 | 50,949 | 3.0 |
| Provo-Orem, UT | 38,802 | 40,831 | 5.2 | 38,515 | 39,507 | 2.6 |
| Pueblo, CO | 37,540 | 39,511 | 5.3 | 39,528 | 40,891 | 3.4 |
| Punta Gorda, FL | 39,868 | 41,564 | 4.3 | 39,616 | 40,196 | 1.5 |
| Racine, WI | 47,419 | 49,749 | 4.9 | 48,441 | 50,180 | 3.6 |
| Raleigh-Cary, NC | 52,219 | 55,045 | 5.4 | 51,514 | 53,095 | 3.1 |
| Rapid City, SD | 47,885 | 49,681 | 3.8 | 50,551 | 51,952 | 2.8 |
| Reading, PA | 47,412 | 49,945 | 5.3 | 46,872 | 48,349 | 3.2 |
| Redding, CA | 44,480 | 46,582 | 4.7 | 43,581 | 44,744 | 2.7 |
| Reno, NV | 56,120 | 59,639 | 6.3 | 54,673 | 56,544 | 3.4 |
| Richmond, VA | 55,282 | 57,301 | 3.7 | 54,578 | 55,553 | 1.8 |
| Riverside-San Bernardino-Ontario, CA | 38,821 | 40,486 | 4.3 | 34,614 | 35,256 | 1.9 |
| Roanoke, VA | 45,076 | 46,963 | 4.2 | 47,463 | 48,352 | 1.9 |
| Rochester, MN | 51,971 | 55,323 | 6.4 | 53,026 | 55,252 | 4.2 |
| Rochester, NY | 49,625 | 51,167 | 3.1 | 48,244 | 48,841 | 1.2 |
| Rockford, IL | 42,121 | 44,328 | 5.2 | 45,392 | 47,176 | 3.9 |
| Rocky Mount, NC | 37,764 | 39,498 | 4.6 | 42,300 | 43,502 | 2.8 |
| Rome, GA | 37,003 | 38,524 | 4.1 | 43,079 | 43,370 | 0.7 |
| Sacramento-Roseville-Folsom, CA | 54,010 | 56,278 | 4.2 | 50,003 | 50,616 | 1.2 |
| Saginaw, MI | 37,286 | 38,754 | 3.9 | 40,547 | 41,498 | 2.3 |
| St. Cloud, MN | 44,679 | 46,513 | 4.1 | 46,837 | 47,681 | 1.8 |
| St. George, UT | 36,809 | 38,847 | 5.5 | 36,987 | 38,262 | 3.4 |
| St. Joseph, MO-KS | 37,934 | 39,253 | 3.5 | 41,935 | 42,895 | 2.3 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| St. Louis, MO-IL | 52,944 | 55,883 | 5.6 | 55,097 | 57,243 | 3.9 |
| Salem, OR | 40,811 | 42,714 | 4.7 | 39,927 | 40,686 | 1.9 |
| Salinas, CA | 53,989 | 56,193 | 4.1 | 47,052 | 47,745 | 1.5 |
| Salisbury, MD-DE | 46,722 | 48,296 | 3.4 | 49,844 | 50,655 | 1.6 |
| Salt Lake City, UT | 49,048 | 51,736 | 5.5 | 47,603 | 48,860 | 2.6 |
| San Angelo, TX | 43,896 | 46,406 | 5.7 | 45,041 | 47,024 | 4.4 |
| San Antonio-New Braunfels, TX | 44,874 | 46,995 | 4.7 | 45,467 | 46,645 | 2.6 |
| San Diego-Chula Vista-Carlsbad, CA | 58,097 | 61,386 | 5.7 | 47,354 | 49,143 | 3.8 |
| San Francisco-Oakland-Berkeley, CA | 92,638 | 99,424 | 7.3 | 68,042 | 70,399 | 3.5 |
| San Jose-Sunnyvale-Santa Clara, CA | 98,690 | 106,213 | 7.6 | 72,131 | 76,500 | 6.1 |
| San Luis Obispo-Paso Robles, CA | 55,635 | 58,491 | 5.1 | 48,900 | 50,164 | 2.6 |
| Santa Cruz-Watsonville, CA | 64,901 | 69,355 | 6.9 | 48,758 | 51,502 | 5.6 |
| Santa Fe, NM | 55,273 | 58,510 | 5.9 | 53,892 | 55,746 | 3.4 |
| Santa Maria-Santa Barbara, CA | 59,633 | 62,690 | 5.1 | 51,373 | 52,542 | 2.3 |
| Santa Rosa-Petaluma, CA | 60,170 | 64,501 | 7.2 | 46,661 | 49,093 | 5.2 |
| Savannah, GA | 44,755 | 47,144 | 5.3 | 45,228 | 46,555 | 2.9 |
| Scranton--Wilkes-Barre, PA | 43,905 | 46,175 | 5.2 | 45,232 | 46,779 | 3.4 |
| Seattle-Tacoma-Bellevue, WA | 69,913 | 74,620 | 6.7 | 59,376 | 61,585 | 3.7 |
| Sebastian-Vero Beach, FL | 72,149 | 76,059 | 5.4 | 74,296 | 76,478 | 2.9 |
| Sebring-Avon Park, FL | 32,922 | 33,453 | 1.6 | 37,311 | 36,408 | -2.4 |
| Sheboygan, WI | 50,722 | 52,851 | 4.2 | 53,875 | 55,500 | 3.0 |
| Sherman-Denison, TX | 40,662 | 42,195 | 3.8 | 42,394 | 43,091 | 1.6 |
| Shreveport-Bossier City, LA | 43,808 | 46,509 | 6.2 | 47,086 | 49,163 | 4.4 |
| Sierra Vista-Douglas, AZ | 39,165 | 40,308 | 2.9 | 42,073 | 42,327 | 0.6 |
| Sioux City, IA-NE-SD | 48,058 | 50,586 | 5.3 | 51,748 | 53,222 | 2.8 |
| Sioux Falls, SD | 57,299 | 59,520 | 3.9 | 59,675 | 60,748 | 1.8 |
| South Bend-Mishawaka, IN-MI | 45,624 | 47,244 | 3.6 | 49,413 | 50,038 | 1.3 |
| Spartanburg, SC | 41,783 | 43,148 | 3.3 | 44,211 | 44,929 | 1.6 |
| Spokane-Spokane Valley, WA | 44,006 | 45,903 | 4.3 | 43,806 | 44,670 | 2.0 |
| Springfield, IL | 46,056 | 48,793 | 5.9 | 48,898 | 50,552 | 3.4 |
| Springfield, MA | 50,057 | 51,953 | 3.8 | 48,471 | 49,755 | 2.6 |
| Springfield, MO | 40,306 | 41,780 | 3.7 | 44,128 | 45,108 | 2.2 |
| Springfield, OH | 39,235 | 40,769 | 3.9 | 43,210 | 44,388 | 2.7 |
| State College, PA | 44,527 | 46,193 | 3.7 | 41,393 | 42,454 | 2.6 |
| Staunton, VA | 42,622 | 44,316 | 4.0 | 47,572 | 48,019 | 0.9 |
| Stockton, CA | 42,391 | 44,995 | 6.1 | 40,277 | 41,647 | 3.4 |
| Sumter, SC | 35,768 | 37,304 | 4.3 | 39,163 | 40,753 | 4.1 |
| Syracuse, NY | 48,009 | 49,736 | 3.6 | 47,170 | 48,040 | 1.8 |
| Tallahassee, FL | 40,605 | 42,601 | 4.9 | 41,290 | 42,524 | 3.0 |
| Tampa-St. Petersburg-Clearwater, FL | 45,313 | 47,240 | 4.3 | 43,809 | 44,484 | 1.5 |
| Terre Haute, IN | 36,789 | 38,299 | 4.1 | 40,373 | 41,390 | 2.5 |
| Texarkana, TX-AR | 36,485 | 37,607 | 3.1 | 39,937 | 40,694 | 1.9 |
| The Villages, FL | 44,097 | 46,100 | 4.5 | 44,879 | 45,678 | 1.8 |
| Toledo, OH | 44,668 | 46,868 | 4.9 | 48,667 | 50,339 | 3.4 |
| Topeka, KS | 43,758 | 46,017 | 5.2 | 46,986 | 48,464 | 3.1 |
| Trenton-Princeton, NJ | 65,877 | 69,344 | 5.3 | 57,357 | 59,494 | 3.7 |
| Tucson, AZ | 42,133 | 44,028 | 4.5 | 42,629 | 43,692 | 2.5 |
| Tulsa, OK | 51,134 | 54,866 | 7.3 | 54,085 | 57,091 | 5.6 |
| Tuscaloosa, AL | 36,396 | 37,983 | 4.4 | 39,684 | 40,632 | 2.4 |
| Twin Falls, ID | 37,897 | 39,309 | 3.7 | 39,715 | 40,797 | 2.7 |
| Tyler, TX | 52,034 | 55,229 | 6.1 | 52,996 | 55,560 | 4.8 |

# Table 5. Real Per Capita Personal Income by Metropolitan Area, 2017-2018

| | Per capita personal income [Dollars] | | | Real per capita personal income [Chained (2012) dollars] | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | Percent change | 2017 | 2018 | Percent change |
| Urban Honolulu, HI | 57,049 | 59,608 | 4.5 | 43,641 | 44,755 | 2.6 |
| Utica-Rome, NY | 42,790 | 44,036 | 2.9 | 43,659 | 44,029 | 0.8 |
| Valdosta, GA | 34,613 | 36,217 | 4.6 | 40,132 | 40,516 | 1.0 |
| Vallejo, CA | 48,364 | 51,664 | 6.8 | 38,587 | 40,301 | 4.4 |
| Victoria, TX | 43,469 | 45,968 | 5.7 | 44,387 | 46,104 | 3.9 |
| Vineland-Bridgeton, NJ | 38,630 | 40,289 | 4.3 | 37,641 | 38,118 | 1.3 |
| Virginia Beach-Norfolk-Newport News, VA-NC | 48,485 | 50,619 | 4.4 | 47,306 | 48,629 | 2.8 |
| Visalia, CA | 39,018 | 40,420 | 3.6 | 39,229 | 40,004 | 2.0 |
| Waco, TX | 39,182 | 40,831 | 4.2 | 41,096 | 42,410 | 3.2 |
| Walla Walla, WA | 44,178 | 46,144 | 4.5 | 43,344 | 44,592 | 2.9 |
| Warner Robins, GA | 40,517 | 41,944 | 3.5 | 43,317 | 43,873 | 1.3 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 69,298 | 72,483 | 4.6 | 56,100 | 57,359 | 2.2 |
| Waterloo-Cedar Falls, IA | 43,591 | 46,063 | 5.7 | 46,067 | 47,919 | 4.0 |
| Watertown-Fort Drum, NY | 45,476 | 46,924 | 3.2 | 43,846 | 44,545 | 1.6 |
| Wausau-Weston, WI | 47,260 | 49,373 | 4.5 | 50,222 | 51,650 | 2.8 |
| Weirton-Steubenville, WV-OH | 38,472 | 40,472 | 5.2 | 43,455 | 44,854 | 3.2 |
| Wenatchee, WA | 48,045 | 50,021 | 4.1 | 46,686 | 47,085 | 0.9 |
| Wheeling, WV-OH | 45,613 | 48,881 | 7.2 | 50,751 | 53,578 | 5.6 |
| Wichita, KS | 48,818 | 51,854 | 6.2 | 52,118 | 54,536 | 4.6 |
| Wichita Falls, TX | 41,395 | 43,527 | 5.2 | 44,464 | 46,306 | 4.1 |
| Williamsport, PA | 41,587 | 43,823 | 5.4 | 42,723 | 44,306 | 3.7 |
| Wilmington, NC | 41,953 | 43,311 | 3.2 | 42,932 | 43,119 | 0.4 |
| Winchester, VA-WV | 46,303 | 48,174 | 4.0 | 47,486 | 48,340 | 1.8 |
| Winston-Salem, NC | 43,306 | 44,850 | 3.6 | 46,324 | 47,079 | 1.6 |
| Worcester, MA-CT | 53,273 | 55,801 | 4.7 | 48,797 | 50,366 | 3.2 |
| Yakima, WA | 41,868 | 43,379 | 3.6 | 42,642 | 43,250 | 1.4 |
| York-Hanover, PA | 47,835 | 50,113 | 4.8 | 47,235 | 48,422 | 2.5 |
| Youngstown-Warren-Boardman, OH-PA | 40,496 | 42,443 | 4.8 | 44,588 | 45,928 | 3.0 |
| Yuba City, CA | 41,270 | 42,925 | 4.0 | 40,387 | 41,489 | 2.7 |
| Yuma, AZ | 35,049 | 35,682 | 1.8 | 37,254 | 37,423 | 0.5 |
| | | | | | | |
| Maximum | 112,769 | 122,247 | 12.6 | 103,592 | 114,759 | 10.8 |
| Minimum | 25,451 | 26,410 | 1.2 | 29,002 | 29,769 | -2.4 |
| Range | 87,318 | 95,837 | 11.4 | 74,590 | 84,990 | 13.2 |

Source: U.S. Bureau of Economic Analysis

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

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| United States[1] | 100.0 | 98.9 | 101.9 | 100.0 |
| United States nonmetropolitan portion | 87.2 | 94.7 | 62.5 | 93.7 |
| Metropolitan Statistical Areas | | | | |
| Abilene, TX | 91.4 | 96.8 | 81.6 | 92.6 |
| Akron, OH | 90.1 | 95.9 | 76.7 | 91.9 |
| Albany, GA | 82.9 | 96.8 | 52.9 | 94.6 |
| Albany-Lebanon, OR | 96.6 | 101.5 | 89.8 | 95.8 |
| Albany-Schenectady-Troy, NY | 99.9 | 98.7 | 102.4 | 99.9 |
| Albuquerque, NM | 94.2 | 93.6 | 87.7 | 100.3 |
| Alexandria, LA | 86.2 | 97.0 | 63.6 | 92.6 |
| Allentown-Bethlehem-Easton, PA-NJ | 99.8 | 99.0 | 98.1 | 101.7 |
| Altoona, PA | 90.5 | 98.7 | 64.9 | 99.9 |
| Amarillo, TX | 92.2 | 97.2 | 83.1 | 92.6 |
| Ames, IA | 91.5 | 93.4 | 90.1 | 90.4 |
| Anchorage, AK | 107.1 | 101.5 | 134.1 | 99.5 |
| Ann Arbor, MI | 101.2 | 98.4 | 115.5 | 96.8 |
| Anniston-Oxford, AL | 83.1 | 97.5 | 52.2 | 91.8 |
| Appleton, WI | 89.8 | 96.0 | 74.1 | 91.5 |
| Asheville, NC | 93.4 | 95.9 | 87.9 | 94.7 |
| Athens-Clarke County, GA | 91.3 | 97.3 | 77.5 | 94.6 |
| Atlanta-Sandy Springs-Alpharetta, GA | 97.3 | 98.7 | 95.9 | 96.8 |
| Atlantic City-Hammonton, NJ | 100.3 | 100.9 | 93.4 | 104.0 |
| Auburn-Opelika, AL | 85.4 | 92.0 | 70.4 | 91.6 |
| Augusta-Richmond County, GA-SC | 88.9 | 97.1 | 69.5 | 94.6 |
| Austin-Round Rock-Georgetown, TX | 100.2 | 97.4 | 120.6 | 92.6 |
| Bakersfield, CA | 96.4 | 96.3 | 89.4 | 102.0 |
| Baltimore-Columbia-Towson, MD | 106.7 | 103.1 | 113.7 | 104.9 |
| Bangor, ME | 96.5 | 98.7 | 85.5 | 102.6 |
| Barnstable Town, MA | 105.4 | 98.7 | 122.4 | 102.6 |
| Baton Rouge, LA | 91.7 | 96.3 | 83.4 | 92.6 |
| Battle Creek, MI | 87.7 | 96.0 | 69.2 | 91.5 |
| Bay City, MI | 85.6 | 96.0 | 60.6 | 91.5 |
| Beaumont-Port Arthur, TX | 88.2 | 97.4 | 67.7 | 92.6 |
| Beckley, WV | 76.6 | 92.1 | 45.8 | 94.5 |
| Bellingham, WA | 100.3 | 96.3 | 105.2 | 102.0 |
| Bend, OR | 101.6 | 101.5 | 110.1 | 95.8 |
| Billings, MT | 94.9 | 94.2 | 89.4 | 99.5 |
| Binghamton, NY | 95.7 | 98.7 | 84.7 | 99.9 |
| Birmingham-Hoover, AL | 88.7 | 97.3 | 69.1 | 91.8 |
| Bismarck, ND | 92.8 | 95.3 | 88.2 | 92.3 |
| Blacksburg-Christiansburg, VA | 89.1 | 92.1 | 79.1 | 94.6 |
| Bloomington, IL | 92.1 | 96.0 | 85.2 | 91.5 |
| Bloomington, IN | 91.7 | 95.9 | 85.8 | 91.4 |
| Bloomsburg-Berwick, PA | 92.6 | 98.7 | 71.7 | 99.9 |
| Boise City, ID | 93.5 | 93.7 | 84.4 | 100.1 |
| Boston-Cambridge-Newton, MA-NH | 114.2 | 102.8 | 142.1 | 110.3 |
| Boulder, CO | 107.1 | 97.9 | 147.3 | 97.2 |
| Bowling Green, KY | 84.5 | 91.8 | 63.1 | 91.8 |
| Bremerton-Silverdale-Port Orchard, WA | 107.8 | 106.8 | 115.8 | 104.3 |
| Bridgeport-Stamford-Norwalk, CT | 115.3 | 107.5 | 138.9 | 111.6 |
| Brownsville-Harlingen, TX | 83.0 | 97.4 | 56.9 | 92.6 |
| Brunswick, GA | 88.0 | 92.1 | 75.1 | 94.5 |
| Buffalo-Cheektowaga, NY | 94.8 | 98.7 | 79.2 | 99.9 |
| Burlington, NC | 89.6 | 97.5 | 70.4 | 94.6 |
| Burlington-South Burlington, VT | 105.7 | 98.7 | 124.2 | 102.6 |
| California-Lexington Park, MD | 98.1 | 92.1 | 113.4 | 94.6 |
| Canton-Massillon, OH | 86.4 | 96.0 | 62.1 | 91.5 |
| Cape Coral-Fort Myers, FL | 97.8 | 97.5 | 103.6 | 94.6 |

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| Cape Girardeau, MO-IL | 83.9 | 93.4 | 64.9 | 90.4 |
| Carbondale-Marion, IL | 83.4 | 94.3 | 61.9 | 89.7 |
| Carson City, NV | 96.6 | 98.8 | 96.9 | 93.6 |
| Casper, WY | 94.8 | 93.5 | 89.5 | 100.4 |
| Cedar Rapids, IA | 88.5 | 95.1 | 70.1 | 92.1 |
| Chambersburg-Waynesboro, PA | 94.6 | 98.7 | 78.8 | 99.9 |
| Champaign-Urbana, IL | 92.2 | 95.9 | 87.1 | 91.4 |
| Charleston, WV | 86.4 | 95.7 | 58.5 | 94.7 |
| Charleston-North Charleston, SC | 96.8 | 97.5 | 99.2 | 94.6 |
| Charlotte-Concord-Gastonia, NC-SC | 94.2 | 97.1 | 88.0 | 94.6 |
| Charlottesville, VA | 99.1 | 97.3 | 112.7 | 94.6 |
| Chattanooga, TN-GA | 88.8 | 97.2 | 70.9 | 91.8 |
| Cheyenne, WY | 94.4 | 93.5 | 88.1 | 100.4 |
| Chicago-Naperville-Elgin, IL-IN-WI | 103.2 | 99.5 | 113.2 | 101.8 |
| Chico, CA | 99.7 | 96.3 | 102.7 | 102.0 |
| Cincinnati, OH-KY-IN | 90.0 | 95.5 | 78.5 | 91.1 |
| Clarksville, TN-KY | 89.1 | 97.1 | 74.5 | 91.8 |
| Cleveland, TN | 84.9 | 92.0 | 67.0 | 91.6 |
| Cleveland-Elyria, OH | 90.1 | 95.9 | 77.0 | 91.9 |
| Coeur d'Alene, ID | 94.6 | 98.8 | 89.1 | 93.6 |
| College Station-Bryan, TX | 93.0 | 96.9 | 88.0 | 92.6 |
| Colorado Springs, CO | 99.2 | 93.7 | 108.5 | 100.2 |
| Columbia, MO | 89.3 | 95.2 | 74.6 | 92.2 |
| Columbia, SC | 91.8 | 97.0 | 79.2 | 94.6 |
| Columbus, GA-AL | 88.9 | 97.1 | 70.3 | 94.7 |
| Columbus, IN | 88.9 | 94.2 | 80.0 | 89.5 |
| Columbus, OH | 91.9 | 95.9 | 84.7 | 91.4 |
| Corpus Christi, TX | 93.2 | 97.4 | 87.6 | 92.6 |
| Corvallis, OR | 102.2 | 101.5 | 112.5 | 95.8 |
| Crestview-Fort Walton Beach-Destin, FL | 94.3 | 94.8 | 92.6 | 94.8 |
| Cumberland, MD-WV | 86.1 | 97.5 | 60.5 | 94.6 |
| Dallas-Fort Worth-Arlington, TX | 100.7 | 98.8 | 108.2 | 98.4 |
| Dalton, GA | 84.3 | 92.1 | 62.6 | 94.5 |
| Danville, IL | 78.6 | 94.2 | 52.1 | 89.5 |
| Daphne-Fairhope-Foley, AL | 90.3 | 97.5 | 80.2 | 91.8 |
| Davenport-Moline-Rock Island, IA-IL | 88.7 | 95.2 | 71.6 | 92.3 |
| Dayton-Kettering, OH | 88.3 | 96.0 | 70.1 | 91.5 |
| Decatur, AL | 83.5 | 97.5 | 52.2 | 91.8 |
| Decatur, IL | 85.3 | 96.0 | 59.2 | 91.5 |
| Deltona-Daytona Beach-Ormond Beach, FL | 95.9 | 97.5 | 95.4 | 94.6 |
| Denver-Aurora-Lakewood, CO | 104.9 | 98.9 | 136.8 | 96.1 |
| Des Moines-West Des Moines, IA | 92.6 | 95.2 | 87.8 | 92.2 |
| Detroit-Warren-Dearborn, MI | 95.5 | 98.6 | 85.8 | 97.7 |
| Dothan, AL | 83.9 | 96.4 | 56.2 | 91.8 |
| Dover, DE | 92.2 | 97.5 | 81.4 | 94.6 |
| Dubuque, IA | 89.6 | 95.3 | 74.4 | 92.3 |
| Duluth, MN-WI | 89.8 | 95.1 | 77.4 | 92.1 |
| Durham-Chapel Hill, NC | 94.9 | 96.5 | 91.7 | 94.7 |
| East Stroudsburg, PA | 97.1 | 98.7 | 90.5 | 99.9 |
| Eau Claire, WI | 89.4 | 96.0 | 74.3 | 91.5 |
| El Centro, CA | 89.8 | 101.5 | 69.0 | 95.8 |
| Elizabethtown-Fort Knox, KY | 85.8 | 92.0 | 71.3 | 91.6 |
| Elkhart-Goshen, IN | 88.8 | 96.0 | 71.3 | 91.5 |
| Elmira, NY | 95.5 | 98.7 | 83.1 | 99.9 |
| El Paso, TX | 88.6 | 97.4 | 73.8 | 92.6 |
| Enid, OK | 89.7 | 97.4 | 73.5 | 92.6 |
| Erie, PA | 92.3 | 98.7 | 71.3 | 99.9 |
| Eugene-Springfield, OR | 98.5 | 96.3 | 97.7 | 102.0 |

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| Evansville, IN-KY | 88.1 | 96.0 | 68.1 | 91.5 |
| Fairbanks, AK | 106.6 | 100.8 | 141.8 | 95.1 |
| Fargo, ND-MN | 91.4 | 95.3 | 82.6 | 92.3 |
| Farmington, NM | 91.1 | 98.8 | 74.9 | 93.6 |
| Fayetteville, NC | 88.7 | 96.1 | 73.4 | 94.7 |
| Fayetteville-Springdale-Rogers, AR | 88.8 | 97.3 | 69.5 | 92.6 |
| Flagstaff, AZ | 98.5 | 98.8 | 104.8 | 93.6 |
| Flint, MI | 89.7 | 98.4 | 66.6 | 96.8 |
| Florence, SC | 86.9 | 96.3 | 62.0 | 94.7 |
| Florence-Muscle Shoals, AL | 82.3 | 97.5 | 48.8 | 91.8 |
| Fond du Lac, WI | 87.1 | 94.2 | 72.9 | 89.5 |
| Fort Collins, CO | 102.0 | 93.5 | 123.3 | 100.4 |
| Fort Smith, AR-OK | 83.5 | 97.2 | 55.0 | 92.6 |
| Fort Wayne, IN | 88.8 | 96.0 | 70.7 | 91.5 |
| Fresno, CA | 96.5 | 96.3 | 89.4 | 102.0 |
| Gadsden, AL | 82.3 | 97.5 | 49.8 | 91.8 |
| Gainesville, FL | 94.2 | 96.1 | 90.3 | 94.7 |
| Gainesville, GA | 90.3 | 92.1 | 82.2 | 94.5 |
| Gettysburg, PA | 96.1 | 98.7 | 85.7 | 99.9 |
| Glens Falls, NY | 97.1 | 98.7 | 89.4 | 99.9 |
| Goldsboro, NC | 87.1 | 97.5 | 62.7 | 94.6 |
| Grand Forks, ND-MN | 90.9 | 95.3 | 81.4 | 92.3 |
| Grand Island, NE | 84.3 | 93.4 | 63.3 | 90.4 |
| Grand Junction, CO | 93.3 | 98.8 | 85.1 | 93.6 |
| Grand Rapids-Kentwood, MI | 92.2 | 95.8 | 86.2 | 91.4 |
| Grants Pass, OR | 93.1 | 101.5 | 79.1 | 95.8 |
| Great Falls, MT | 92.4 | 93.5 | 80.0 | 100.4 |
| Greeley, CO | 97.6 | 97.9 | 97.8 | 97.2 |
| Green Bay, WI | 89.8 | 95.8 | 76.1 | 91.3 |
| Greensboro-High Point, NC | 89.8 | 97.1 | 71.1 | 94.6 |
| Greenville, NC | 87.1 | 97.5 | 65.1 | 94.6 |
| Greenville-Anderson, SC | 90.4 | 97.3 | 73.2 | 94.6 |
| Gulfport-Biloxi, MS | 87.7 | 97.3 | 69.8 | 91.8 |
| Hagerstown-Martinsburg, MD-WV | 98.0 | 101.2 | 80.5 | 107.9 |
| Hammond, LA | 85.8 | 92.0 | 71.3 | 92.2 |
| Hanford-Corcoran, CA | 95.3 | 101.5 | 85.0 | 95.8 |
| Harrisburg-Carlisle, PA | 96.6 | 98.7 | 87.4 | 99.9 |
| Harrisonburg, VA | 90.3 | 92.1 | 83.0 | 94.6 |
| Hartford-East Hartford-Middletown, CT | 102.1 | 98.9 | 107.1 | 102.8 |
| Hattiesburg, MS | 84.0 | 91.9 | 64.6 | 91.7 |
| Hickory-Lenoir-Morganton, NC | 87.6 | 97.5 | 61.7 | 94.6 |
| Hilton Head Island-Bluffton, SC | 95.0 | 92.1 | 99.8 | 94.6 |
| Hinesville, GA | 91.3 | 92.1 | 87.4 | 94.6 |
| Homosassa Springs, FL | 88.4 | 92.1 | 78.5 | 94.6 |
| Hot Springs, AR | 85.5 | 92.0 | 70.9 | 92.2 |
| Houma-Thibodaux, LA | 89.2 | 97.4 | 72.4 | 92.6 |
| Houston-The Woodlands-Sugar Land, TX | 101.8 | 95.5 | 104.5 | 107.2 |
| Huntington-Ashland, WV-KY-OH | 85.7 | 96.8 | 56.9 | 94.5 |
| Huntsville, AL | 89.2 | 97.5 | 69.2 | 91.8 |
| Idaho Falls, ID | 91.3 | 98.8 | 75.8 | 93.6 |
| Indianapolis-Carmel-Anderson, IN | 91.6 | 96.0 | 83.5 | 91.5 |
| Iowa City, IA | 93.7 | 95.1 | 93.4 | 92.2 |
| Ithaca, NY | 105.9 | 98.7 | 132.1 | 99.9 |
| Jackson, MI | 88.0 | 96.0 | 68.8 | 91.5 |
| Jackson, MS | 89.2 | 96.9 | 72.8 | 91.8 |
| Jackson, TN | 81.0 | 91.9 | 56.1 | 91.7 |
| Jacksonville, FL | 95.5 | 97.5 | 93.5 | 94.6 |
| Jacksonville, NC | 92.1 | 97.5 | 82.7 | 94.6 |

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| Janesville-Beloit, WI | 89.9 | 96.0 | 76.3 | 91.5 |
| Jefferson City, MO | 81.7 | 93.4 | 55.3 | 90.4 |
| Johnson City, TN | 86.0 | 97.5 | 61.3 | 91.8 |
| Johnstown, PA | 86.3 | 98.7 | 51.2 | 100.0 |
| Jonesboro, AR | 83.3 | 92.0 | 64.0 | 92.2 |
| Joplin, MO | 85.1 | 95.3 | 58.5 | 92.3 |
| Kahului-Wailuku-Lahaina, HI | 109.5 | 102.9 | 138.3 | 96.6 |
| Kalamazoo-Portage, MI | 90.4 | 96.0 | 78.7 | 91.5 |
| Kankakee, IL | 93.5 | 98.4 | 76.6 | 100.3 |
| Kansas City, MO-KS | 92.9 | 95.8 | 82.6 | 95.6 |
| Kennewick-Richland, WA | 97.3 | 96.3 | 92.3 | 102.0 |
| Killeen-Temple, TX | 90.1 | 97.2 | 77.5 | 92.6 |
| Kingsport-Bristol, TN-VA | 84.9 | 97.5 | 56.7 | 92.4 |
| Kingston, NY | 103.3 | 98.7 | 118.7 | 99.9 |
| Knoxville, TN | 88.7 | 96.9 | 70.1 | 91.8 |
| Kokomo, IN | 85.9 | 96.0 | 61.2 | 91.5 |
| La Crosse-Onalaska, WI-MN | 91.4 | 96.0 | 82.7 | 91.5 |
| Lafayette, LA | 86.6 | 96.4 | 65.3 | 92.6 |
| Lafayette-West Lafayette, IN | 89.9 | 95.7 | 77.8 | 91.3 |
| Lake Charles, LA | 88.9 | 97.3 | 71.2 | 92.6 |
| Lake Havasu City-Kingman, AZ | 90.0 | 93.5 | 73.4 | 100.4 |
| Lakeland-Winter Haven, FL | 93.2 | 97.5 | 85.0 | 94.6 |
| Lancaster, PA | 98.9 | 98.7 | 97.7 | 99.9 |
| Lansing-East Lansing, MI | 91.2 | 95.9 | 82.2 | 91.4 |
| Laredo, TX | 87.4 | 97.4 | 68.6 | 92.6 |
| Las Cruces, NM | 87.3 | 93.5 | 65.9 | 100.4 |
| Las Vegas-Henderson-Paradise, NV | 96.8 | 93.5 | 98.0 | 100.4 |
| Lawrence, KS | 91.9 | 95.3 | 85.2 | 92.3 |
| Lawton, OK | 88.7 | 96.8 | 71.6 | 92.6 |
| Lebanon, PA | 96.0 | 98.7 | 84.8 | 99.9 |
| Lewiston, ID-WA | 90.5 | 98.8 | 73.2 | 93.6 |
| Lewiston-Auburn, ME | 95.5 | 98.7 | 80.9 | 102.6 |
| Lexington-Fayette, KY | 90.6 | 97.5 | 76.1 | 91.8 |
| Lima, OH | 84.2 | 96.0 | 56.1 | 91.5 |
| Lincoln, NE | 91.1 | 95.2 | 81.3 | 92.3 |
| Little Rock-North Little Rock-Conway, AR | 89.2 | 97.3 | 71.8 | 92.6 |
| Logan, UT-ID | 91.3 | 98.8 | 76.9 | 93.6 |
| Longview, TX | 89.8 | 96.7 | 75.1 | 92.6 |
| Longview, WA | 94.8 | 101.5 | 83.2 | 95.8 |
| Los Angeles-Long Beach-Anaheim, CA | 117.1 | 104.7 | 167.4 | 105.3 |
| Louisville/Jefferson County, KY-IN | 90.2 | 97.2 | 75.0 | 91.8 |
| Lubbock, TX | 92.1 | 97.1 | 83.6 | 92.6 |
| Lynchburg, VA | 89.3 | 97.3 | 69.4 | 94.6 |
| Macon-Bibb County, GA | 87.3 | 96.7 | 63.4 | 94.6 |
| Madera, CA | 94.1 | 96.3 | 81.0 | 102.0 |
| Madison, WI | 96.6 | 95.8 | 108.9 | 91.3 |
| Manchester-Nashua, NH | 107.9 | 101.9 | 119.8 | 107.0 |
| Manhattan, KS | 90.8 | 93.4 | 87.8 | 90.4 |
| Mankato, MN | 91.1 | 93.4 | 88.4 | 90.4 |
| Mansfield, OH | 84.8 | 96.0 | 57.5 | 91.5 |
| McAllen-Edinburg-Mission, TX | 82.7 | 97.4 | 56.1 | 92.6 |
| Medford, OR | 97.3 | 96.3 | 93.2 | 102.0 |
| Memphis, TN-MS-AR | 90.2 | 97.3 | 76.0 | 91.8 |
| Merced, CA | 95.0 | 96.3 | 83.6 | 102.0 |
| Miami-Fort Lauderdale-Pompano Beach, FL | 109.9 | 102.6 | 130.5 | 103.4 |
| Michigan City-La Porte, IN | 84.8 | 94.2 | 66.5 | 89.5 |
| Midland, MI | 90.6 | 96.0 | 78.4 | 91.5 |
| Midland, TX | 99.3 | 97.1 | 120.1 | 92.6 |

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| Milwaukee-Waukesha, WI | 94.8 | 96.0 | 92.5 | 94.8 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 102.6 | 105.1 | 110.6 | 96.6 |
| Missoula, MT | 95.0 | 98.8 | 90.5 | 93.6 |
| Mobile, AL | 85.9 | 97.0 | 62.3 | 91.9 |
| Modesto, CA | 99.5 | 96.3 | 101.9 | 102.0 |
| Monroe, LA | 84.2 | 96.6 | 57.8 | 92.6 |
| Monroe, MI | 91.7 | 98.4 | 73.7 | 96.8 |
| Montgomery, AL | 88.2 | 97.4 | 69.0 | 91.8 |
| Morgantown, WV | 89.9 | 92.1 | 81.0 | 94.5 |
| Morristown, TN | 82.0 | 92.0 | 59.7 | 91.6 |
| Mount Vernon-Anacortes, WA | 100.4 | 101.5 | 105.2 | 95.8 |
| Muncie, IN | 86.2 | 96.0 | 64.8 | 91.5 |
| Muskegon, MI | 87.0 | 96.0 | 66.1 | 91.5 |
| Myrtle Beach-Conway-North Myrtle Beach, SC-NC | 91.9 | 96.2 | 84.3 | 94.7 |
| Napa, CA | 122.0 | 110.3 | 159.4 | 112.6 |
| Naples-Marco Island, FL | 101.7 | 97.5 | 126.8 | 94.6 |
| Nashville-Davidson--Murfreesboro--Franklin, TN | 94.9 | 97.2 | 95.9 | 91.8 |
| New Bern, NC | 84.1 | 92.1 | 65.3 | 94.5 |
| New Haven-Milford, CT | 108.3 | 105.3 | 110.3 | 109.8 |
| New Orleans-Metairie, LA | 94.1 | 97.2 | 91.2 | 92.6 |
| New York-Newark-Jersey City, NY-NJ-PA | 124.1 | 109.6 | 152.9 | 120.7 |
| Niles, MI | 87.2 | 96.0 | 66.1 | 91.5 |
| North Port-Sarasota-Bradenton, FL | 100.5 | 97.5 | 116.2 | 94.6 |
| Norwich-New London, CT | 102.3 | 98.7 | 108.2 | 102.6 |
| Ocala, FL | 91.1 | 97.5 | 77.4 | 94.6 |
| Ocean City, NJ | 103.2 | 100.9 | 105.5 | 104.0 |
| Odessa, TX | 94.6 | 97.4 | 92.7 | 92.6 |
| Ogden-Clearfield, UT | 94.3 | 94.0 | 87.1 | 99.9 |
| Oklahoma City, OK | 90.7 | 97.2 | 77.1 | 92.6 |
| Olympia-Lacey-Tumwater, WA | 108.0 | 106.8 | 116.3 | 104.3 |
| Omaha-Council Bluffs, NE-IA | 92.1 | 95.2 | 85.3 | 92.3 |
| Orlando-Kissimmee-Sanford, FL | 98.7 | 97.5 | 107.1 | 94.6 |
| Oshkosh-Neenah, WI | 89.8 | 96.0 | 74.5 | 91.5 |
| Owensboro, KY | 87.7 | 97.0 | 64.9 | 91.8 |
| Oxnard-Thousand Oaks-Ventura, CA | 117.1 | 100.0 | 172.4 | 107.5 |
| Palm Bay-Melbourne-Titusville, FL | 96.3 | 97.5 | 96.9 | 94.6 |
| Panama City, FL | 94.8 | 97.5 | 91.2 | 94.6 |
| Parkersburg-Vienna, WV | 87.8 | 97.3 | 62.9 | 94.6 |
| Pensacola-Ferry Pass-Brent, FL | 92.4 | 97.5 | 82.1 | 94.6 |
| Peoria, IL | 88.0 | 95.9 | 68.4 | 91.4 |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 105.4 | 100.6 | 109.4 | 108.0 |
| Phoenix-Mesa-Chandler, AZ | 98.1 | 95.2 | 100.6 | 99.6 |
| Pine Bluff, AR | 81.4 | 96.6 | 49.4 | 92.6 |
| Pittsburgh, PA | 93.1 | 98.7 | 78.9 | 94.1 |
| Pittsfield, MA | 98.4 | 98.7 | 91.9 | 102.6 |
| Pocatello, ID | 87.6 | 98.7 | 65.1 | 93.6 |
| Portland-South Portland, ME | 103.2 | 99.0 | 111.5 | 103.0 |
| Portland-Vancouver-Hillsboro, OR-WA | 103.8 | 100.2 | 124.7 | 97.3 |
| Port St. Lucie, FL | 98.0 | 97.5 | 103.9 | 94.6 |
| Poughkeepsie-Newburgh-Middletown, NY | 117.1 | 109.8 | 126.8 | 117.3 |
| Prescott Valley-Prescott, AZ | 95.1 | 98.8 | 91.2 | 93.6 |
| Providence-Warwick, RI-MA | 99.9 | 99.4 | 95.4 | 103.5 |
| Provo-Orem, UT | 96.3 | 93.6 | 96.0 | 100.3 |
| Pueblo, CO | 90.1 | 93.5 | 72.9 | 100.4 |
| Punta Gorda, FL | 96.4 | 97.5 | 97.1 | 94.6 |
| Racine, WI | 92.4 | 96.0 | 81.8 | 94.8 |
| Raleigh-Cary, NC | 96.6 | 97.5 | 98.7 | 94.6 |
| Rapid City, SD | 89.1 | 95.0 | 75.0 | 92.1 |

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| Reading, PA | 96.3 | 98.7 | 86.2 | 99.9 |
| Redding, CA | 97.0 | 96.3 | 92.0 | 102.0 |
| Reno, NV | 98.3 | 93.6 | 105.0 | 100.3 |
| Richmond, VA | 96.1 | 97.4 | 96.4 | 94.6 |
| Riverside-San Bernardino-Ontario, CA | 107.0 | 98.7 | 119.4 | 107.5 |
| Roanoke, VA | 90.5 | 96.8 | 75.0 | 94.6 |
| Rochester, MN | 93.3 | 94.9 | 92.6 | 91.9 |
| Rochester, NY | 97.7 | 98.7 | 91.9 | 99.9 |
| Rockford, IL | 87.6 | 96.0 | 68.9 | 91.5 |
| Rocky Mount, NC | 84.6 | 97.5 | 53.3 | 94.6 |
| Rome, GA | 82.8 | 92.1 | 58.8 | 94.5 |
| Sacramento-Roseville-Folsom, CA | 103.6 | 96.3 | 122.6 | 102.0 |
| Saginaw, MI | 87.1 | 96.0 | 65.3 | 91.5 |
| St. Cloud, MN | 90.9 | 95.3 | 80.7 | 92.3 |
| St. George, UT | 94.6 | 98.8 | 89.7 | 93.6 |
| St. Joseph, MO-KS | 85.3 | 95.1 | 59.7 | 92.1 |
| St. Louis, MO-IL | 91.0 | 95.2 | 81.8 | 91.3 |
| Salem, OR | 97.9 | 100.2 | 94.7 | 97.3 |
| Salinas, CA | 109.7 | 96.3 | 156.1 | 102.0 |
| Salisbury, MD-DE | 88.9 | 92.1 | 78.5 | 94.6 |
| Salt Lake City, UT | 98.7 | 93.7 | 107.1 | 100.1 |
| San Angelo, TX | 92.0 | 97.2 | 82.6 | 92.6 |
| San Antonio-New Braunfels, TX | 93.9 | 97.1 | 90.7 | 92.6 |
| San Diego-Chula Vista-Carlsbad, CA | 116.4 | 98.7 | 170.0 | 108.3 |
| San Francisco-Oakland-Berkeley, CA | 131.6 | 113.2 | 199.5 | 115.4 |
| San Jose-Sunnyvale-Santa Clara, CA | 129.4 | 110.1 | 221.3 | 112.3 |
| San Luis Obispo-Paso Robles, CA | 108.7 | 96.3 | 149.1 | 102.0 |
| Santa Cruz-Watsonville, CA | 125.5 | 110.3 | 176.9 | 112.6 |
| Santa Fe, NM | 97.8 | 93.5 | 102.9 | 100.4 |
| Santa Maria-Santa Barbara, CA | 111.2 | 96.3 | 171.0 | 102.0 |
| Santa Rosa-Petaluma, CA | 122.5 | 110.3 | 159.9 | 112.6 |
| Savannah, GA | 94.4 | 97.5 | 88.7 | 94.6 |
| Scranton--Wilkes-Barre, PA | 92.0 | 98.7 | 70.4 | 99.9 |
| Seattle-Tacoma-Bellevue, WA | 112.9 | 107.5 | 143.8 | 103.7 |
| Sebastian-Vero Beach, FL | 92.7 | 92.1 | 91.4 | 94.6 |
| Sebring-Avon Park, FL | 85.7 | 92.1 | 70.1 | 94.6 |
| Sheboygan, WI | 88.8 | 96.0 | 71.1 | 91.5 |
| Sherman-Denison, TX | 91.3 | 97.4 | 79.4 | 92.6 |
| Shreveport-Bossier City, LA | 88.2 | 97.2 | 70.3 | 92.6 |
| Sierra Vista-Douglas, AZ | 88.8 | 98.8 | 71.1 | 93.6 |
| Sioux City, IA-NE-SD | 88.6 | 95.0 | 70.0 | 92.1 |
| Sioux Falls, SD | 91.3 | 95.2 | 82.2 | 92.3 |
| South Bend-Mishawaka, IN-MI | 88.0 | 95.8 | 70.1 | 91.3 |
| Spartanburg, SC | 89.5 | 97.5 | 69.0 | 94.6 |
| Spokane-Spokane Valley, WA | 95.8 | 96.9 | 85.8 | 101.3 |
| Springfield, IL | 90.0 | 96.0 | 74.3 | 91.5 |
| Springfield, MA | 97.3 | 98.7 | 88.1 | 102.7 |
| Springfield, MO | 86.3 | 95.2 | 65.1 | 92.2 |
| Springfield, OH | 85.6 | 96.0 | 60.9 | 91.5 |
| State College, PA | 101.4 | 98.7 | 109.2 | 99.9 |
| Staunton, VA | 86.0 | 92.1 | 70.4 | 94.6 |
| Stockton, CA | 100.7 | 96.3 | 107.4 | 102.0 |
| Sumter, SC | 85.3 | 95.1 | 57.8 | 94.8 |
| Syracuse, NY | 96.5 | 98.7 | 87.0 | 99.9 |
| Tallahassee, FL | 93.4 | 97.1 | 85.5 | 94.6 |
| Tampa-St. Petersburg-Clearwater, FL | 99.0 | 94.0 | 105.1 | 101.1 |
| Terre Haute, IN | 86.3 | 95.7 | 62.3 | 91.2 |
| Texarkana, TX-AR | 86.1 | 96.3 | 60.6 | 92.7 |

# Table 6. Regional Price Parities by Metropolitan Area, 2018

| | Regional price parities | | | |
|---|---|---|---|---|
| | All items | Goods | Services | |
| | | | Rents | Other |
| The Villages, FL | 94.1 | 92.1 | 95.4 | 94.6 |
| Toledo, OH | 86.8 | 95.9 | 64.9 | 91.4 |
| Topeka, KS | 88.5 | 95.0 | 71.2 | 92.0 |
| Trenton-Princeton, NJ | 108.6 | 100.7 | 119.8 | 111.2 |
| Tucson, AZ | 93.9 | 93.5 | 86.5 | 100.4 |
| Tulsa, OK | 89.6 | 97.2 | 72.9 | 92.6 |
| Tuscaloosa, AL | 87.1 | 96.3 | 65.6 | 91.9 |
| Twin Falls, ID | 89.8 | 98.8 | 72.4 | 93.6 |
| Tyler, TX | 92.7 | 97.4 | 84.8 | 92.6 |
| Urban Honolulu, HI | 124.2 | 115.1 | 171.5 | 106.3 |
| Utica-Rome, NY | 93.2 | 98.7 | 74.4 | 99.9 |
| Valdosta, GA | 83.3 | 92.1 | 63.0 | 94.5 |
| Vallejo, CA | 119.5 | 110.3 | 143.7 | 112.6 |
| Victoria, TX | 92.9 | 97.1 | 86.1 | 92.6 |
| Vineland-Bridgeton, NJ | 98.5 | 100.9 | 86.8 | 104.0 |
| Virginia Beach-Norfolk-Newport News, VA-NC | 97.0 | 97.3 | 100.2 | 94.6 |
| Visalia, CA | 94.2 | 96.3 | 80.8 | 102.0 |
| Waco, TX | 89.7 | 96.8 | 74.8 | 92.6 |
| Walla Walla, WA | 96.5 | 101.5 | 88.9 | 95.8 |
| Warner Robins, GA | 89.1 | 97.5 | 69.3 | 94.6 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 117.8 | 104.4 | 162.3 | 109.0 |
| Waterloo-Cedar Falls, IA | 89.6 | 94.9 | 75.5 | 92.0 |
| Watertown-Fort Drum, NY | 98.2 | 98.7 | 95.4 | 99.9 |
| Wausau-Weston, WI | 89.1 | 95.8 | 71.6 | 91.3 |
| Weirton-Steubenville, WV-OH | 84.1 | 95.4 | 51.9 | 92.9 |
| Wenatchee, WA | 99.0 | 101.5 | 99.1 | 95.8 |
| Wheeling, WV-OH | 85.0 | 97.5 | 54.3 | 94.6 |
| Wichita, KS | 88.6 | 95.2 | 71.0 | 92.3 |
| Wichita Falls, TX | 87.6 | 97.1 | 68.6 | 92.6 |
| Williamsport, PA | 92.2 | 98.7 | 72.1 | 99.9 |
| Wilmington, NC | 93.6 | 96.8 | 87.5 | 94.7 |
| Winchester, VA-WV | 92.9 | 92.1 | 92.0 | 94.5 |
| Winston-Salem, NC | 88.8 | 97.5 | 66.9 | 94.6 |
| Worcester, MA-CT | 103.3 | 101.7 | 100.5 | 106.7 |
| Yakima, WA | 93.5 | 96.3 | 76.9 | 102.0 |
| York-Hanover, PA | 96.5 | 98.7 | 86.8 | 99.9 |
| Youngstown-Warren-Boardman, OH-PA | 86.1 | 96.4 | 59.8 | 93.3 |
| Yuba City, CA | 96.4 | 96.3 | 89.6 | 102.0 |
| Yuma, AZ | 88.9 | 93.5 | 70.2 | 100.4 |
| | | | | |
| Maximum | 131.6 | 115.1 | 221.3 | 120.7 |
| Minimum | 76.6 | 91.8 | 45.8 | 89.5 |
| Range | 55.0 | 23.3 | 175.5 | 31.2 |

Source: U.S. Bureau of Economic Analysis

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