

News Release

EMBARGOED UNTIL RELEASE AT 10:00 a.m. EDT, Friday, March 29, 2024

BEA 24-13

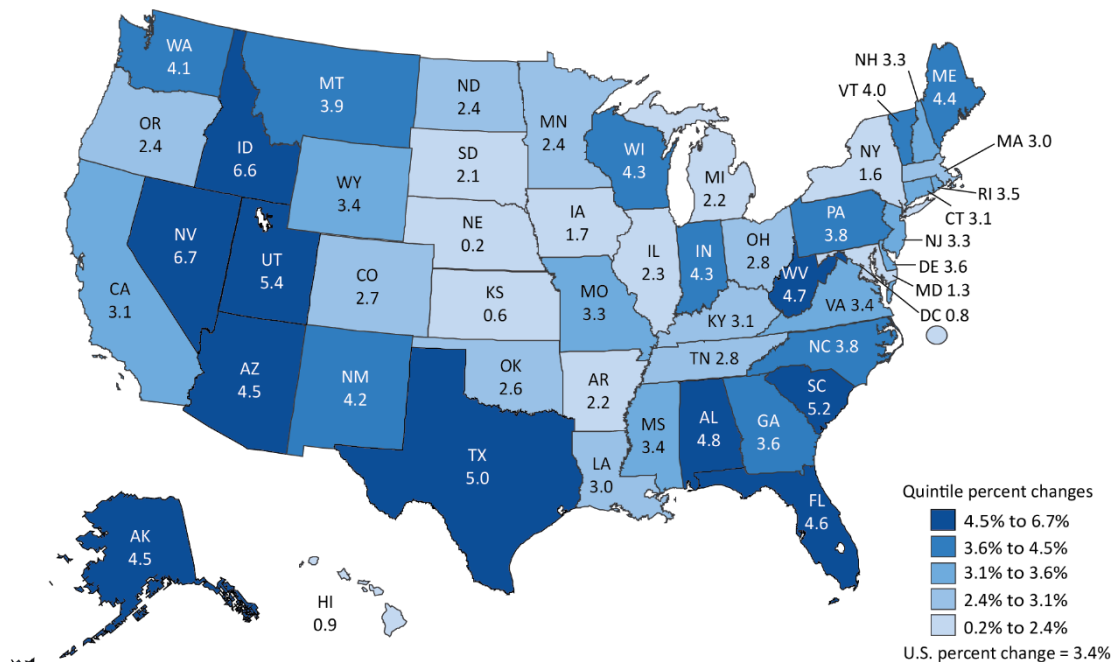
Technical:	Clifford Woodruff (GDP)	301-278-9234	GDPbyState@bea.gov
	Matthew von Kerczek (Income)	301-278-9250	REIS@bea.gov
Media:	Connie O’Connell	301-278-9003	Connie.OConnell@bea.gov

Gross Domestic Product by State and Personal Income by State, 4th Quarter 2023 and Preliminary 2023

Real gross domestic product (GDP) increased in all 50 states and the District of Columbia in the fourth quarter of 2023, with the percent change ranging from 6.7 percent in Nevada to 0.2 percent in Nebraska (table 1), according to statistics released today by the U.S. Bureau of Economic Analysis (BEA). **Current-dollar GDP** increased in 49 states and the District of Columbia. **For the year 2023**, real, or inflation-adjusted, GDP also increased in 49 states and the District of Columbia.

Personal income, in current dollars, increased in all 50 states and the District of Columbia in the fourth quarter of 2023, with the percent change ranging from 6.7 percent in Nevada to 0.8 percent in Iowa and North Dakota (table 4). **For the year 2023**, current-dollar personal income also increased in all 50 states and the District of Columbia.

Real GDP: Percent Change at Annual Rate, 2023:Q3–2023:Q4



Quarterly GDP

In the fourth quarter of 2023, real GDP for the nation grew at an annual rate of 3.4 percent. Real GDP increased in 18 of the 23 industry groups for which BEA prepares quarterly state estimates (table 2). Nondurable-goods manufacturing, retail trade, and durable-goods manufacturing were the leading contributors to growth in real GDP nationally.

- Construction, which increased in 45 states and the District of Columbia, was the leading contributor to growth in 3 states including Nevada, the state with the largest increase in real GDP.
- Agriculture, forestry, fishing, and hunting, which increased nationally and in 32 states, was the leading contributor to growth in Idaho, the state with the second-largest increase in real GDP. In contrast, this industry was the leading offset to growth in Nebraska and Kansas, the states with the smallest increases in real GDP.
- Retail trade, which increased in all 50 states and the District of Columbia, was the leading contributor to growth in 14 states including Utah, the state with the third-largest increase in real GDP.

Annual GDP

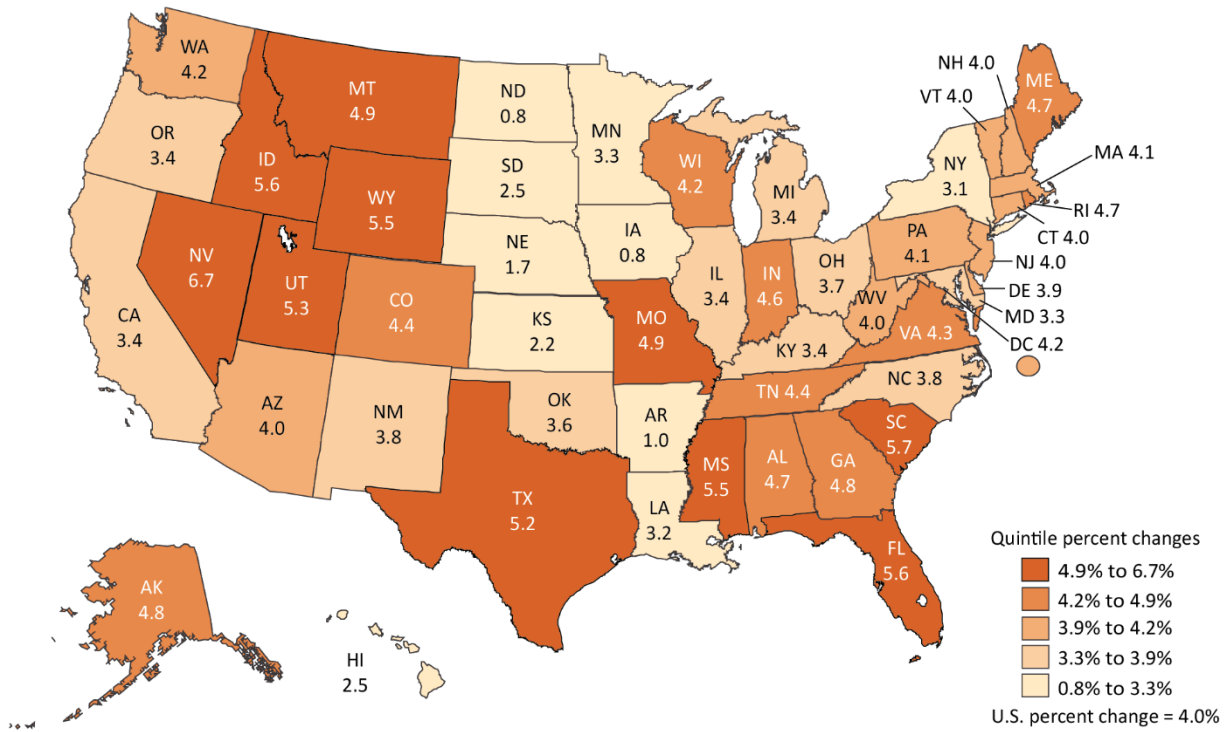
In 2023, real GDP for the nation grew at an annual rate of 2.5 percent, with the percent change ranging from 5.9 percent in North Dakota to -1.2 percent in Delaware. Real GDP increased in 17 of the 23 industry groups for which BEA prepares preliminary annual state estimates (table 3). Retail trade; professional, scientific, and technical services; and health care and social assistance were the leading contributors to growth in real GDP nationally.

- Mining increased in 43 states. This industry was the leading contributor to growth in seven states including North Dakota, Texas, Wyoming, Alaska, and Oklahoma, the states with the first-, second-, third-, fourth-, and fifth-largest increases in real GDP, respectively.
- Retail trade increased in all 50 states and the District of Columbia. This industry was the leading contributor to growth in 23 states including Florida, the state with the seventh-largest increase in real GDP.
- Health care and social assistance increased in 49 states and the District of Columbia. This industry was the leading contributor to growth in 6 states.
- Finance and insurance decreased in 43 states and the District of Columbia. The industry was the leading contributor to the decline in Delaware.

Quarterly personal income

In the fourth quarter of 2023, current-dollar personal income increased \$229.4 billion, or 4.0 percent at an annual rate (table 4). Increases in earnings and property income (dividends, interest, and rent) were partially offset by a decrease in transfer receipts (chart 1).

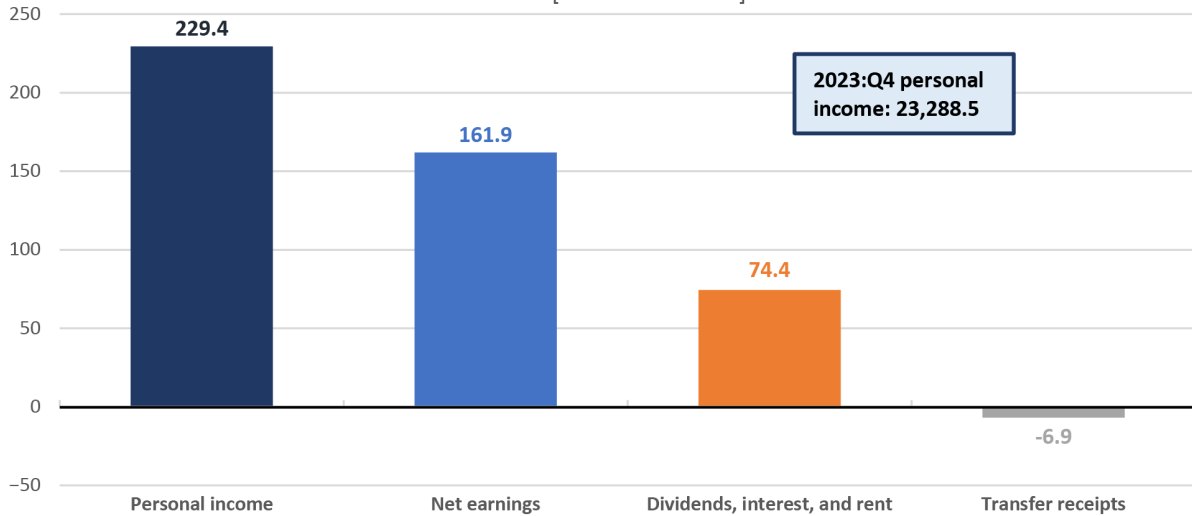
Personal Income: Percent Change at Annual Rate, 2023:Q3–2023:Q4



U.S. Bureau of Economic Analysis

Chart 1. Change in Personal Income and Select Components, 2023:Q4

[Billions of dollars]



U.S. Bureau of Economic Analysis

Earnings increased in 48 states and the District of Columbia, while growing 4.6 percent nationally (table 5). The percent change in earnings ranged from 8.5 percent in Nevada to –0.8 percent in North Dakota.

- Earnings increased in 20 of the 24 industries for which BEA prepares quarterly estimates (table 6).
- Construction earnings increased in 48 states and the District of Columbia. This industry was the leading contributor to growth in personal income in Nevada and Idaho, the states with the largest and third-largest increases in personal income, respectively.
- In South Carolina, the state with the second-largest increase in personal income, growth in earnings in the construction and professional, scientific, and technical services industries were the leading contributors to the increase in personal income.
- Decreases in farm earnings were the leading offsets to growth in Iowa and North Dakota, the states with the smallest increases in personal income.

Property income increased in all 50 states and the District of Columbia, while growing 6.7 percent nationally. The percent change ranged from 8.8 percent in Florida to 4.7 percent in Iowa and Mississippi (table 5).

Transfer receipts decreased in 32 states and the District of Columbia, while declining 0.7 percent nationally. The percent change in transfer receipts ranged from 8.1 percent in Mississippi to -5.0 percent in Arizona (table 5).

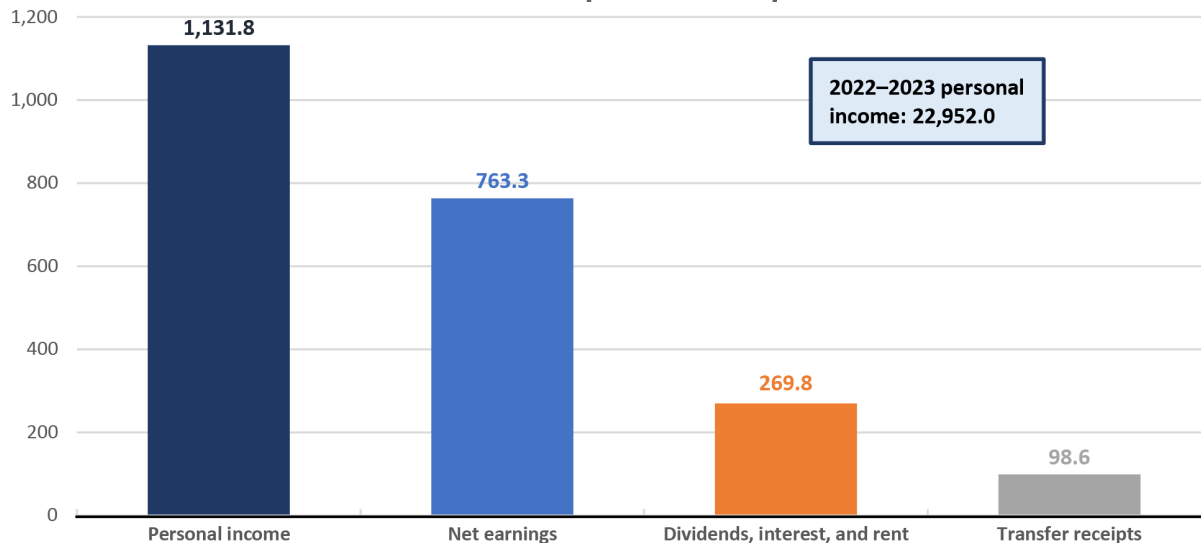
Annual personal income

In 2023, personal income for the nation increased at an annual rate of 5.2 percent, with the percent change ranging from 7.0 percent in Florida to 3.4 percent in Indiana.

Nationally, increases in earnings, property income, and transfer receipts contributed to the increase in personal income (chart 2).

Chart 2. Change in Personal Income and Select Components, 2022–2023

[Billions of dollars]



U.S. Bureau of Economic Analysis

Earnings increased in all 50 states and the District of Columbia, while growing 5.6 percent nationally. The percent change in earnings ranged from 8.5 percent in Alaska to 4.0 percent in Mississippi (table 7).

- Earnings increased in 21 of the 24 industries for which BEA prepares annual estimates (table 8).
- In Florida, the state with the largest increase in personal income, growth in earnings in the professional, scientific, and technical services and in the health care and social assistance industries were the leading contributors to the increase in personal income.
- In Utah and Wyoming, the states with the second- and third-largest increases in personal income, growth in earnings in state and local government was the leading contributor to the increase in personal income.

Property income increased in all 50 states and the District of Columbia, while growing 6.3 percent nationally. The percent change ranged from 9.0 percent in Idaho to 2.7 percent in Iowa (table 7).

Transfer receipts increased in 45 states and the District of Columbia, while growing 2.5 percent nationally. The percent change in transfer receipts ranged from 7.3 percent in the District of Columbia to -8.9 percent in Alaska (table 7).

Update of state statistics

Today, BEA also released revised quarterly estimates of personal income by state for the first quarter of 2023 through the third quarter of 2023. This update incorporates new and revised source data that are more complete and more detailed than previously available and aligns the states with the national estimates from the National Income and Product Accounts released on March 28, 2024.

BEA also released new estimates of per capita personal income for the fourth quarter of 2023, along with revised estimates for the first quarter of 2020 through the third quarter of 2023. BEA used U.S. Census Bureau (Census) population figures to calculate per capita personal income estimates for the first quarter of 2020 through the fourth quarter of 2023. BEA also used new Census population figures to update annual 2020 to 2022 per capita personal income statistics and to produce new per capita personal income statistics for 2023. For earlier estimates, BEA continues to use intercensal population statistics that it developed based on Census methodology. See [“Note on Per Capita Personal Income and Population.”](#)

Next release: June 28, 2024, at 10:00 a.m. EDT

Gross Domestic Product by State and Personal Income by State, 1st Quarter 2024

Additional Information

Resources

- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA's [email subscription service](#), or following [@BEA_News](#) on X, formerly known as Twitter.
- Historical time series for these estimates can be accessed in BEA's [Interactive Data Application](#).
- Access BEA data by registering for BEA's [Data Application Programming Interface](#).
- For more on BEA's statistics, see our online journal, the [Survey of Current Business](#).
- For upcoming economic indicators, see BEA's [news release schedule](#).
- BEA Regional Facts ([BEARFACTS](#)) is a narrative summary of personal income, per capita personal income, components of income, and gross domestic product for counties, metropolitan statistical areas, and states.
- For complete information on the sources and methods used to estimate gross domestic product and personal income by state, see BEA's [gross domestic product by state](#) and [state personal income and employment methodologies](#).

Definitions

Gross domestic product (GDP) by state is the market value of goods and services produced by the labor and property located in a state. GDP by state is the state counterpart of the nation's GDP, the Bureau's featured and most comprehensive measure of U.S. economic activity.

Current-dollar statistics are valued in the prices of the period when the transactions occurred—that is, at “market value.” They are also referred to as “nominal GDP” or “current-price GDP.”

Real values are inflation-adjusted statistics—that is, these exclude the effects of price changes.

Contributions to growth are an industry's contribution to the state's overall percent change in real GDP. The contributions are additive and can be summed to the state's overall percent change.

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).

State personal income differs slightly from the estimate of U.S. personal income in the National Income and Product Accounts because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In BEA's state statistics, estimates of personal income for the United States is the sum of the state estimates and the estimate for the District of Columbia.

Per capita personal income is calculated as the total personal income of the residents of a state divided by the population of the state. In computing per capita personal income, BEA uses mid-quarter population estimates based on unpublished U.S. Census Bureau data.

Earnings by place of work is the sum of wages and salaries, supplements to wages and salaries, and proprietors' income. BEA's industry estimates are presented on an earnings by place-of-work basis.

Net earnings by place of residence is earnings by place of work less contributions for government social insurance plus an adjustment to convert earnings by place of work to a place-of-residence basis. BEA presents net earnings on an all-industry level.

Property income is rental income of persons, personal dividend income, and personal interest income.

Personal current transfer receipts are benefits received by persons from federal, state, and local governments and from businesses for which no current services are performed. They include retirement and disability insurance benefits (mainly social security), medical benefits (mainly Medicare and Medicaid), income maintenance benefits, unemployment insurance compensation, veterans' benefits, and federal education and training assistance.

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).

Statistical conventions

Quarter-to-quarter percent changes are calculated from unrounded data and are annualized. Annualized growth rates show the rate of change that would have occurred had the pattern been repeated over four quarters (1 year).

Annualized rates of change can be calculated as follows: $((\text{level of later quarter} / \text{level of earlier quarter})^4 - 1) * 100$. Quarterly estimates are expressed at seasonally adjusted annual rates unless otherwise specified. Quarter-to-quarter dollar changes are differences between published estimates.

Seasonal adjustment and annual rates. Quarterly values are expressed at seasonally adjusted annual rates. For details, see the FAQ "[Why does BEA publish estimates at annual rates?](#)" on the BEA website.

Quantities and prices. Quantities, or "real" measures, are expressed as index numbers with a specified reference year equal to 100 (currently 2017). Quantity indexes are calculated using a Fisher chain-weighted formula that incorporates weights from two adjacent periods (quarters for quarterly data and annuals for annual data). "Real" dollar series are calculated by multiplying the quantity index by the current dollar value in the reference year and then dividing by 100. Percent changes calculated from chained-dollar levels and quantity indexes are conceptually the same; any differences are due to rounding.

Chained-dollar values are not additive, because the relative weights for a given period differ from those of the reference year.

Chained-dollar values of GDP by state are derived by applying national chain-type price indexes to the current dollar values of GDP by state for the 23 North American Industry Classification System-based industry sectors. The chain-type index formula that is used in the national accounts is then used to calculate the values of total real GDP by state and real GDP by state at more aggregated industry levels. Real GDP by state may reflect a substantial volume of output that is sold to other states and countries. To the extent that a state's output is produced and sold in national markets at relatively uniform prices (or sold locally at national prices), real GDP by state captures the differences across states that reflect the relative differences in the mix of goods and services that the states produce. However, real GDP by state does not capture geographic differences in the prices of goods and services that are produced and sold locally.

BEA regions

BEA groups all 50 states and the District of Columbia into 8 distinct regions for purposes of presentation and analysis as follows:

New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont)

Mideast (Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania)

Great Lakes (Illinois, Indiana, Michigan, Ohio, and Wisconsin)

Plains (Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota)

Southeast (Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia)

Southwest (Arizona, New Mexico, Oklahoma, and Texas)

Rocky Mountain (Colorado, Idaho, Montana, Utah, and Wyoming)

Far West (Alaska, California, Hawaii, Nevada, Oregon, and Washington)

Uses of GDP and personal income by state statistics

GDP and personal income by state statistics provide a framework for analyzing current economic conditions in each state and can serve as a basis for decision-making. For example:

- Federal government agencies use the statistics in forecasting models to project energy and water use. The statistics are also used as a basis for allocating funds and determining matching grants to states.
- State governments use the statistics to project tax revenues and the need for public services.
- Academic regional economists use the statistics for applied research.
- Businesses, trade associations, and labor organizations use the statistics for market research.

News release tables

- Table 1. Gross Domestic Product by State and Region: Level and Percent Change From Previous Period
- Table 2. Contributions to Percent Change in Real Gross Domestic Product, by State and Region, 2023:Q3–2023:Q4
- Table 3. Contributions to Percent Change in Real Gross Domestic Product, by State and Region, 2022–2023
- Table 4. Personal Income, by State and Region: Level and Percent Change From Preceding Period
- Table 5. Personal Income Change by Component, by State and Region, 2023:Q3–2023:Q4
- Table 6. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2023:Q3–2023:Q4
- Table 7. Personal Income Change by Component, by State and Region, 2022–2023
- Table 8. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022–2023
- Table 9. Per Capita Personal Income and Population, by State and Region, 2022–2023