

News Release

EMBARGOED UNTIL RELEASE AT 10:00 a.m. EDT, Friday, June 30, 2023

BEA 23-29

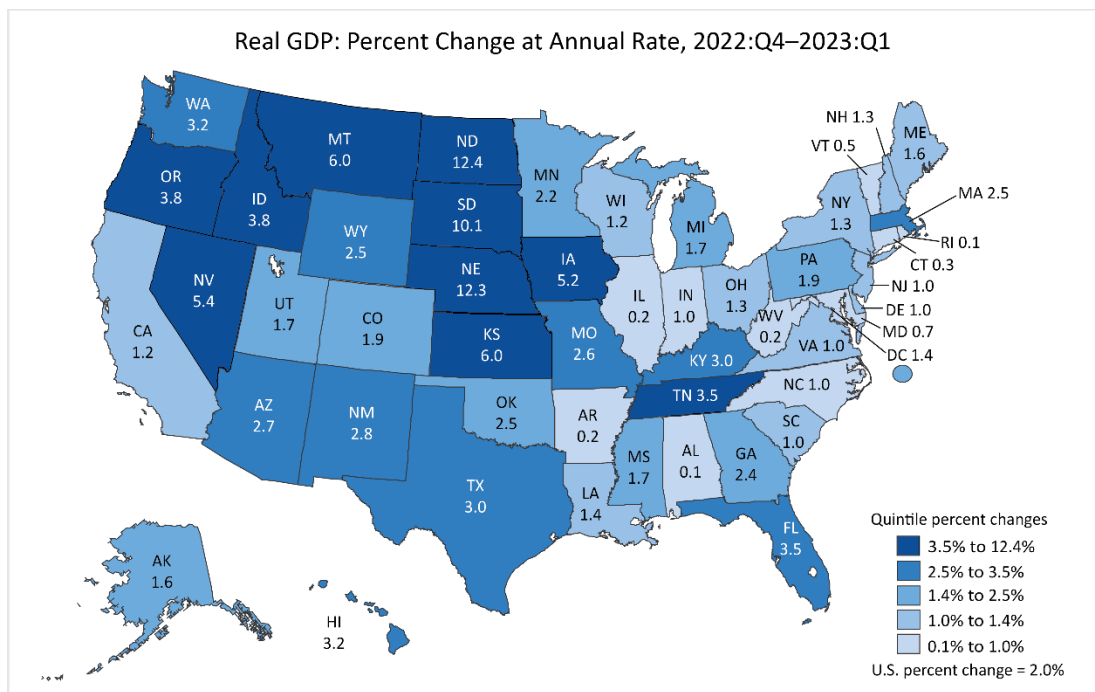
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Gross Domestic Product by State and Personal Income by State, 1st Quarter 2023

Real gross domestic product (GDP) increased in all 50 states and the District of Columbia in the first quarter of 2023, with the percent change ranging from 12.4 percent in North Dakota to 0.1 percent in Rhode Island and Alabama (table 1), according to statistics released today by the U.S. Bureau of Economic Analysis (BEA).

Current-dollar GDP increased in 47 states and the District of Columbia in the first quarter, with the percent change ranging from 14.1 percent in Nebraska to -2.9 percent in West Virginia.

Personal income, in current dollars, increased in 48 states and the District of Columbia in the first quarter of 2023, with the percent change ranging from 11.4 percent in Maine to -1.0 percent in Indiana (table 3).



U.S. Bureau of Economic Analysis

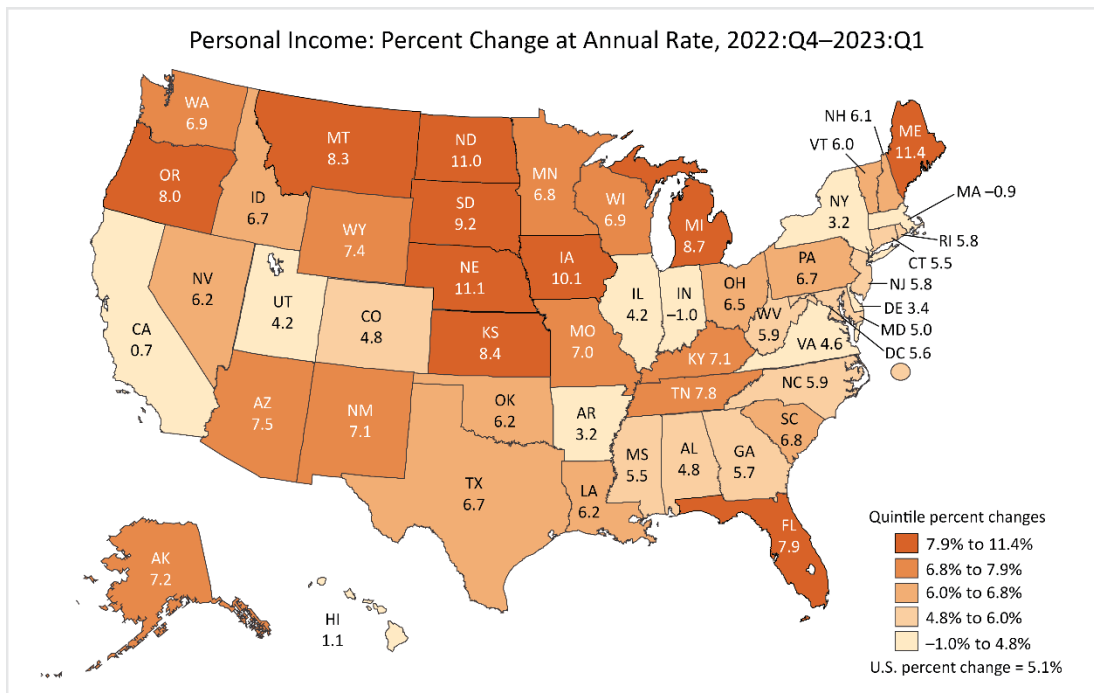
Real GDP

In the first quarter of 2023, as real GDP for the nation grew at an annual rate of 2.0 percent, real GDP increased in 14 of the 23 industry groups for which BEA prepares quarterly state estimates (table 2). Health care and social assistance; retail trade; and agriculture, forestry, fishing, and hunting were the leading contributors to the increase in real GDP nationally.

- Health care and social assistance increased in all 50 states and the District of Columbia and was the leading contributor to growth in 15 states.
- Retail trade increased in all 50 states and the District of Columbia and was the leading contributor to growth in 8 states.
- Agriculture, forestry, fishing, and hunting increased in 33 states and was the leading contributor to growth in 13 states including North Dakota, Nebraska, South Dakota, Kansas, and Montana, the 5 states with the largest increases in real GDP.
- Finance and insurance decreased in all 50 states and the District of Columbia. This industry was the leading offset to growth in Rhode Island, one of the states with the smallest increase in real GDP.

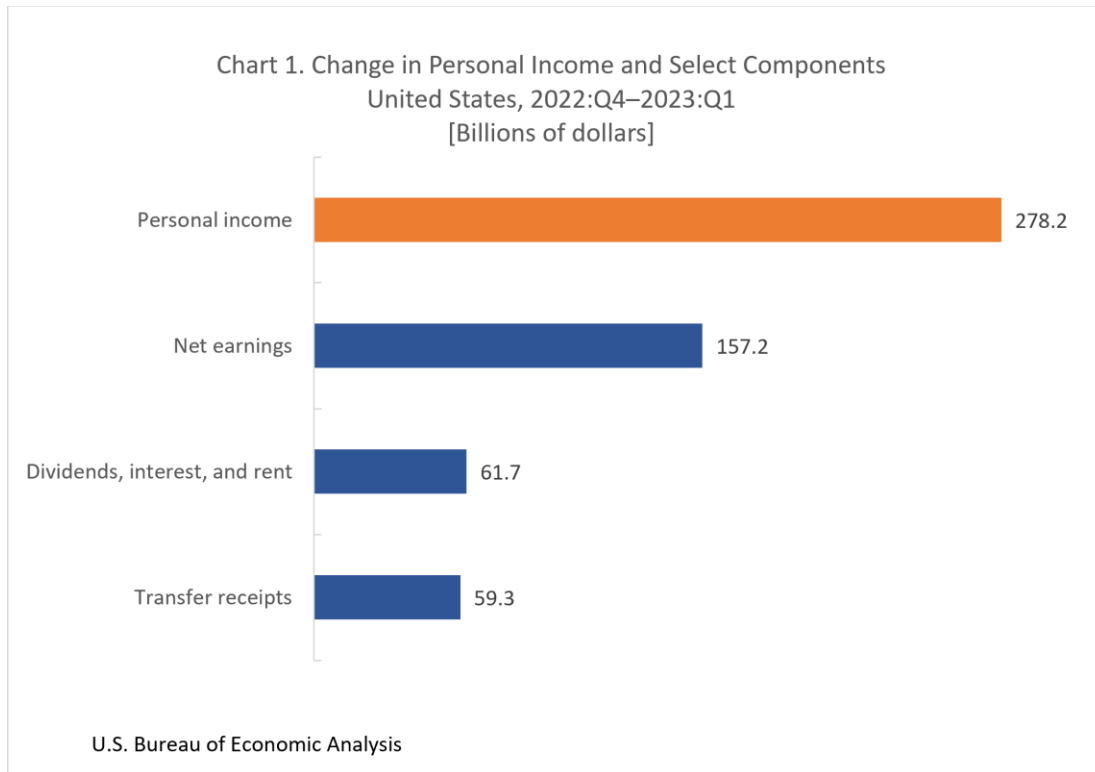
Personal income

In the first quarter of 2023, as current-dollar personal income for the nation grew at an annual rate of 5.1 percent, state personal income increased in 48 states and the District of Columbia (table 3).



U.S. Bureau of Economic Analysis

Nationally, earnings, property income (dividends, interest, and rent), and transfer receipts all contributed to the increase in personal income (chart 1).



Transfer receipts increased in 45 states and the District of Columbia, while growing 6.1 percent nationally. The growth in transfer receipts reflected an 8.7 percent increase in the cost-of-living adjustment for social security benefits. The percent change in transfer receipts ranged from 38.5 percent in Maine to –31.1 percent in Massachusetts (table 4).

Transfer receipts was the leading contributor to growth in personal income in Maine, the state with the largest increase in personal income in the first quarter. It was also the leading contributor to the decrease in personal income in Indiana and Massachusetts. Transfer receipts in all three states were impacted by one-time state refundable tax credits.

Property income increased in all 50 states and the District of Columbia, growing 6.0 percent nationally. The percent change ranged from 9.2 percent in Idaho to 3.4 percent in Kansas.

Earnings increased in all 50 states and the District of Columbia, growing 4.6 percent nationally. The percent change in earnings ranged from 12.4 percent in North Dakota to 0.1 percent in Arkansas (table 4).

Earnings increased in 19 of the 24 industries for which BEA prepares quarterly estimates (table 5). Professional, scientific, and technical services; state and local government; and health care and social assistance were the leading contributors to the overall increase in earnings. Increases in farm earnings was the leading contributor to growth in personal income in four of the five fastest-growing states including Nebraska, North Dakota, Iowa, and South Dakota.

Update of state statistics

Today, BEA also released revised quarterly estimates of personal income by state for the first through fourth quarters of 2022. 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 June 29, 2023.

BEA also released new estimates of per capita personal income for the first 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 first quarter of 2023. For earlier estimates, BEA used intercensal population statistics that it developed based on Census methodology. See “[Note on Per Capita Personal Income and Population.](#)”

Upcoming comprehensive update of the Regional Economic Accounts

BEA will release the results of the comprehensive (or benchmark) update of the Regional Economic Accounts on September 29, 2023. This update will present revised statistics for GDP by state and state personal income.

Next release: September 29, 2023, 10:00 a.m. EDT

Gross Domestic Product by State and Personal Income by State, 2nd Quarter 2023

Additional Information

Resources

- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA News](#).
- Historical time series for these estimates can be accessed in BEA's [Interactive Data Application](#).
- Access BEA data by registering for BEA's [Data Application Programming Interface](#).
- 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 2012). 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.

News release tables

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Table 3. Personal Income by State and Region: Level and Percent Change from Preceding Period

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Table 5. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022:Q4–2023:Q1

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.

Table 1. Gross Domestic Product by State and Region: Level and Percent Change from Preceding Period

	Current-dollar gross domestic product									Real gross domestic product								
	Millions of dollars					Percent change from preceding period ¹				Millions of chained (2012) dollars					Percent change from preceding period ¹			
	2021	2022	Seasonally adjusted at annual rates			2022	2022	2023	2021	2022	Seasonally adjusted at annual rates			2022	2022	2022	2023	
			Q3	Q4	Q1 ^p						Q3	Q4	Q1 ^p					Rank	Q4	Q1^{p}	Rank Q1^{p}
United States	23,315,081	25,462,722	25,723,941	26,137,992	26,529,774	9.2	6.6	6.1	19,609,812	20,014,128	20,054,663	20,182,491	20,282,760	2.1	.....	2.6	2.0	.....
New England	1,221,039	1,312,167	1,321,189	1,345,679	1,369,555	7.5	7.6	7.3	1,011,338	1,030,930	1,031,315	1,036,455	1,040,673	1.9	.....	2.0	1.6	.....
Connecticut	298,395	321,845	323,825	328,314	333,102	7.9	5.7	6.0	246,556	252,533	252,526	252,611	252,809	2.4	17	0.1	0.3	45
Maine	77,963	84,497	85,187	86,936	88,258	8.4	8.5	6.2	63,595	64,766	64,844	65,217	65,474	1.8	23	2.3	1.6	29
Massachusetts	641,332	688,392	693,131	707,338	721,876	7.3	8.5	8.5	533,102	543,872	544,117	548,072	551,531	2.0	21	2.9	2.5	19
New Hampshire	99,673	105,414	106,049	108,201	109,985	5.8	8.4	6.8	82,986	83,004	82,937	83,447	83,715	0.0	44	2.5	1.3	33
Rhode Island	66,571	71,402	72,055	73,151	74,094	7.3	6.2	5.3	54,606	55,413	55,542	55,599	55,608	1.5	33	0.4	0.1	50
Vermont	37,104	40,617	40,943	41,738	42,239	9.5	8.0	4.9	30,547	31,395	31,401	31,572	31,611	2.8	10	2.2	0.5	44
Mideast	4,107,499	4,441,717	4,481,038	4,547,811	4,622,797	8.1	6.1	6.8	3,354,244	3,436,608	3,445,767	3,454,351	3,465,583	2.5	.....	1.0	1.3	.....
Delaware	81,160	87,525	88,147	90,116	91,581	7.8	9.2	6.7	64,405	65,755	65,846	66,284	66,455	2.1	20	2.7	1.0	37
District of Columbia	153,670	162,314	163,150	165,605	168,559	5.6	6.2	7.3	126,983	129,268	129,224	129,748	130,211	1.8	.....	1.6	1.4	.....
Maryland	443,930	470,187	474,424	481,308	488,116	5.9	5.9	5.8	368,571	368,680	369,231	369,535	370,146	0.0	43	0.3	0.7	43
New Jersey	682,946	745,422	753,042	764,715	776,923	9.1	6.3	6.5	566,893	581,704	583,732	585,267	586,763	2.6	13	1.1	1.0	38
New York	1,901,297	2,053,180	2,070,558	2,098,436	2,135,672	8.0	5.5	7.3	1,514,779	1,563,044	1,568,540	1,568,677	1,573,686	3.2	8	0.0	1.3	34
Pennsylvania	844,496	923,089	931,717	947,631	961,946	9.3	7.0	6.2	710,973	726,036	727,016	732,770	736,261	2.1	19	3.2	1.9	24
Great Lakes	3,056,083	3,334,217	3,361,436	3,411,993	3,460,401	9.1	6.2	5.8	2,543,643	2,591,533	2,591,224	2,595,801	2,602,294	1.9	.....	0.7	1.0	.....
Illinois	945,674	1,033,310	1,041,663	1,057,572	1,071,552	9.3	6.3	5.4	780,061	797,969	798,476	799,929	800,423	2.3	18	0.7	0.2	46
Indiana	412,975	455,750	458,796	467,128	473,353	10.4	7.5	5.4	346,241	352,956	351,780	353,015	353,880	1.9	22	1.4	1.0	41
Michigan	572,206	620,696	626,680	635,231	645,293	8.5	5.6	6.5	481,778	490,318	490,720	491,143	493,223	1.8	25	0.3	1.7	27
Ohio	756,617	822,670	829,594	840,480	852,903	8.7	5.4	6.0	629,287	638,910	639,224	639,857	641,991	1.5	31	0.4	1.3	32
Wisconsin	368,611	401,792	404,704	411,582	417,301	9.0	7.0	5.7	306,467	311,702	311,356	312,177	313,121	1.7	26	1.1	1.2	35
Plains	1,450,801	1,580,749	1,597,269	1,615,950	1,647,900	9.0	4.8	8.1	1,209,836	1,219,712	1,220,892	1,221,619	1,236,673	0.8	.....	0.2	5.0	.....
Iowa	216,860	231,108	233,468	236,085	241,248	6.6	4.6	9.0	179,753	177,090	177,199	176,679	178,948	-1.5	48	-1.2	5.2	7
Kansas	191,381	210,670	212,742	215,617	220,402	10.1	5.5	9.2	162,291	164,939	164,997	165,268	167,713	1.6	28	0.7	6.0	4
Minnesota	412,459	446,500	450,743	457,897	464,987	8.3	6.5	6.3	346,204	350,315	350,741	351,839	353,720	1.2	35	1.3	2.2	23
Missouri	358,572	389,931	392,935	399,994	406,936	8.7	7.4	7.1	295,687	300,676	300,583	302,028	303,981	1.7	27	1.9	2.6	18
Nebraska	146,285	161,702	163,886	164,632	170,145	10.5	1.8	14.1	122,136	123,540	123,850	122,791	126,412	1.1	37	-3.4	12.3	2
North Dakota	63,560	73,267	75,169	73,221	73,866	15.3	-10.0	3.6	53,804	53,125	53,416	53,513	55,095	-1.3	47	0.7	12.4	1
South Dakota	61,685	67,571	68,327	68,503	70,316	9.5	1.0	11.0	49,558	49,809	49,864	49,319	50,521	0.5	39	-4.3	10.1	3
Southeast	5,022,473	5,514,968	5,565,913	5,679,891	5,773,294	9.8	8.4	6.7	4,158,107	4,268,053	4,272,823	4,306,401	4,328,611	2.6	.....	3.2	2.1	.....
Alabama	254,110	277,817	280,220	286,218	289,038	9.3	8.8	4.0	209,979	213,265	212,946	215,012	215,084	1.6	30	3.9	0.1	49
Arkansas	148,676	165,221	166,488	169,746	171,152	11.1	8.1	3.4	123,347	126,532	126,248	127,246	127,312	2.6	14	3.2	0.2	48
Florida	1,255,558	1,389,070	1,403,241	1,437,240	1,468,015	10.6	10.0	8.8	1,029,576	1,070,930	1,074,425	1,084,296	1,093,648	4.0	3	3.7	3.5	11
Georgia	691,627	755,698	762,096	778,318	792,151	9.3	8.8	7.3	575,292	591,257	591,869	596,862	600,345	2.8	11	3.4	2.4	22
Kentucky	237,182	260,304	262,439	267,293	271,994	9.7	7.6	7.2	197,818	201,375	201,214	202,302	203,791	1.8	24	2.2	3.0	14
Louisiana	258,571	281,429	284,650	287,321	289,945	8.8	3.8	3.7	221,153	217,156	217,109	218,318	219,053	-1.8	49	2.2	1.4	31
Mississippi	127,308	138,740	139,867	142,087	143,796	9.0	6.5	4.9	104,353	104,535	104,277	104,666	105,117	0.2	42	1.5	1.7	26
North Carolina	662,121	730,072	735,924	751,993	762,866	10.3	9.0	5.9	541,934	559,510	559,516	563,897	565,242	3.2	6	3.2	1.0	42
South Carolina	269,802	295,880	298,961	304,564	308,927	9.7	7.7	5.9	221,045	226,420	226,716	227,746	228,306	2.4	16	1.8	1.0	40
Tennessee	427,125	475,755	480,050	492,023	502,664	11.4	10.4	8.9	352,461	367,776	368,614	372,502	375,763	4.3	2	4.3	3.5	10
Virginia	604,958	649,393	654,573	666,361	676,734	7.3	7.4	6.4	505,351	512,946	513,355	516,044	517,363	1.5	32	2.1	1.0	39
West Virginia	85,434	95,588	97,404	96,728	96,012	11.9	-2.7	-2.9	71,343	71,652	71,840	72,761	72,805	0.4	40	5.2	0.2	47
Southwest	2,796,714	3,177,559	3,234,615	3,259,054	3,283,934	13.6	3.1	3.1	2,452,810	2,521,769	2,535,497	2,573,893	2,592,274	2.8	.....	6.2	2.9	.....
Arizona	420,027	458,950	463,654	472,146	479,759	9.3	7.5	6.6	347,656	356,417	356,966	359,827	362,192	2.5	15	3.2	2.7	17
New Mexico	109,583	122,115	123,819	123,990	124,480	11.4	0.6	1.6	93,625	94,663	94,739	95,857	96,532	1.1	38	4.8	2.8	16
Oklahoma	215,336	240,534	244,906	243,344	243,350	11.7	-2.5	0.0	193,230	191,388	191,961	194,014	195,208	-1.0	46	4.3	2.5	21
Texas	2,051,769	2,355,960	2,402,237	2,419,574	2,436,346	14.8	2.9	2.8	1,815,064	1,876,328	1,888,869	1,921,276	1,935,411	3.4	5	7.0	3.0	15
Rocky Mountain	858,193	954,541	964,606	978,448	991,444	11.2	5.9	5.4	727,705	749,335	749,987	755,857	760,247	3.0	.....	3.2	2.3	.....
Colorado	436,359	484,372	489,340	495,503	502,026	11.0	5.1	5.4	373,763	385,835	386,375	388,920	390,720	3.2	7	2.7	1.9	25
Idaho	96,283	109,546	110,781	113,168	114,923	13.8	8.9	6.3	80,094	84,003	84,114	84,869	85,666	4.9	1	3.6	3.8	8
Montana	58,700	65,015	65,736	66,521	67,785	10.8	4.9	7.8	48,976	49,752	49,773	49,933	50,662	1.6	29	1.3	6.0	5
Utah	225,340	248,176	250,412	255,598	259,291	10.1	8.5	5.9	186,910	191,965	191,926	193,907	194,709	2.7	12	4.2	1.7	28
Wyoming	41,																	

Table 2. Contributions to Percent Change in Real Gross Domestic Product, by State and Region, 2022:Q4–2023:Q1—Continues

[Seasonally adjusted at annual rates]

	Percent change in real gross domestic product by state	Percentage points										
		Agriculture, forestry, fishing, and hunting	Mining, quarrying, and oil and gas extraction	Utilities	Construction	Manufacturing		Wholesale trade	Retail trade	Transportation and warehousing	Information	Finance and insurance
						Durable goods	Nondurable goods					
United States	2.0	0.40	0.03	-0.07	0.05	-0.38	-0.23	-0.11	0.57	0.11	0.24	-0.43
New England	1.6	0.18	0.00	-0.04	0.08	-0.38	-0.19	0.20	0.55	0.10	0.28	-0.79
Connecticut	0.3	0.00	0.00	0.00	-0.03	-0.71	-0.07	0.37	0.54	0.13	0.47	-1.58
Maine	1.6	0.75	0.01	-0.10	-0.10	-0.53	-0.31	0.13	0.54	0.02	0.09	-0.50
Massachusetts	2.5	0.23	0.00	-0.05	0.18	-0.18	-0.27	0.18	0.51	0.12	0.23	-0.52
New Hampshire	1.3	0.15	-0.01	0.01	0.12	-0.53	-0.09	0.00	0.89	0.01	0.26	-0.64
Rhode Island	0.1	0.11	0.00	-0.07	-0.08	-0.47	-0.02	0.22	0.45	0.00	0.24	-0.68
Vermont	0.5	-0.31	-0.01	-0.09	-0.02	-0.38	-0.08	-0.15	0.53	0.05	0.22	-0.38
Mideast	1.3	-0.02	0.02	-0.06	0.18	-0.15	-0.24	-0.19	0.50	0.04	0.41	-0.69
Delaware	1.0	-0.90	0.00	-0.06	-0.08	-0.21	0.01	0.00	0.45	0.27	0.13	-0.58
District of Columbia	1.4	0.00	0.00	-0.06	-0.02	-0.01	0.00	0.01	0.08	0.11	0.58	-0.21
Maryland	0.7	-0.07	0.00	-0.01	-0.01	-0.05	-0.14	0.01	0.35	0.08	0.16	-0.59
New Jersey	1.0	0.05	0.01	-0.06	0.09	-0.08	-0.20	-0.52	0.73	-0.05	0.17	-0.38
New York	1.3	-0.01	0.01	-0.08	0.23	-0.10	-0.21	-0.25	0.47	0.00	0.40	-1.07
Pennsylvania	1.9	0.03	0.05	-0.05	0.30	-0.41	-0.46	0.06	0.54	0.14	0.73	-0.24
Great Lakes	1.0	0.84	0.03	-0.08	0.05	-0.71	-0.40	-0.15	0.52	0.10	0.24	-0.47
Illinois	0.2	1.21	0.01	-0.08	-0.09	-0.69	-0.63	-0.51	0.49	0.16	0.30	-0.54
Indiana	1.0	1.49	0.01	-0.09	-0.08	-1.51	-0.32	-0.17	0.47	0.10	0.13	-0.26
Michigan	1.7	0.29	0.03	-0.10	0.37	-0.46	-0.34	0.22	0.73	-0.01	0.26	-0.42
Ohio	1.3	0.63	0.07	-0.03	0.10	-0.41	-0.37	-0.16	0.44	0.14	0.15	-0.61
Wisconsin	1.2	0.41	-0.01	-0.13	-0.05	-0.83	-0.01	0.29	0.53	0.03	0.34	-0.28
Plains	5.0	4.24	0.12	-0.06	0.23	-0.44	-0.17	-0.12	0.58	0.06	0.11	-0.65
Iowa	5.2	4.74	-0.01	-0.07	0.45	-0.53	-0.23	-0.01	0.55	0.06	0.18	-0.73
Kansas	6.0	5.87	0.02	-0.10	-0.07	-0.37	-0.67	-0.03	0.65	0.03	0.02	-0.38
Minnesota	2.2	1.95	0.02	-0.01	0.26	-0.59	-0.26	-0.37	0.53	0.06	0.21	-0.79
Missouri	2.6	1.36	0.01	-0.02	0.10	-0.37	0.13	-0.06	0.59	0.08	-0.05	-0.54
Nebraska	12.3	11.47	0.01	-0.21	0.48	-0.36	-0.04	-0.18	0.44	0.00	0.30	-0.71
North Dakota	12.4	8.09	2.50	-0.16	0.69	-0.25	-0.09	0.22	0.67	0.02	0.05	-0.25
South Dakota	10.1	9.27	0.02	-0.06	-0.08	-0.19	-0.04	0.20	0.90	0.04	0.12	-1.14
Southeast	2.1	-0.14	0.01	-0.12	0.05	-0.30	-0.32	0.00	0.65	0.12	0.26	-0.38
Alabama	0.1	-0.96	-0.02	-0.24	0.04	-0.40	-0.36	-0.01	0.79	0.00	0.09	-0.27
Arkansas	0.2	-0.63	-0.04	-0.08	0.28	-0.34	-0.26	0.49	0.50	0.19	0.07	-0.33
Florida	3.5	0.15	0.00	-0.17	-0.11	-0.14	-0.23	0.02	0.87	0.19	0.06	-0.36
Georgia	2.4	-0.57	-0.02	-0.07	0.12	-0.24	-0.18	-0.04	0.69	-0.01	0.62	-0.44
Kentucky	3.0	0.72	0.03	0.02	0.24	-0.39	-0.19	0.25	0.61	0.39	0.19	-0.43
Louisiana	1.4	0.43	0.29	-0.08	0.49	-0.12	-1.04	-0.06	0.49	-0.04	0.22	-0.28
Mississippi	1.7	-0.23	0.03	0.18	0.20	-0.09	-0.56	0.09	0.88	0.17	0.20	-0.33
North Carolina	1.0	-0.47	-0.01	-0.11	-0.05	-0.37	-0.44	-0.13	0.48	0.05	0.46	-0.37
South Carolina	1.0	-0.36	-0.01	-0.04	0.01	-0.69	-0.30	-0.44	0.50	0.05	0.43	-0.26
Tennessee	3.5	0.18	-0.01	-0.02	0.04	-0.52	-0.34	0.17	0.56	0.18	0.35	-0.47
Virginia	1.0	-0.09	-0.01	-0.27	0.09	-0.31	-0.18	-0.01	0.42	0.14	0.14	-0.44
West Virginia	0.2	-0.24	0.00	-0.09	-0.08	-0.32	-0.51	0.08	0.91	0.16	0.10	-0.22
Southwest	2.9	0.21	0.12	-0.03	0.04	-0.37	-0.17	0.11	0.64	0.14	0.42	-0.19
Arizona	2.7	0.09	0.17	-0.01	-0.11	-0.54	-0.10	-0.17	0.72	0.03	0.18	-0.47
New Mexico	2.8	-0.07	0.35	-0.05	0.35	-0.19	-0.09	-0.23	0.45	-0.02	0.27	-0.22
Oklahoma	2.5	0.71	-0.64	0.10	0.26	-0.37	-0.06	0.19	0.82	0.32	-0.15	-0.30
Texas	3.0	0.20	0.18	-0.05	0.03	-0.34	-0.19	0.18	0.62	0.15	0.53	-0.13
Rocky Mountain	2.3	0.63	-0.01	-0.06	-0.12	-0.28	-0.08	-0.27	0.57	0.05	0.38	-0.41
Colorado	1.9	0.52	0.01	-0.02	-0.37	-0.26	-0.01	-0.31	0.45	0.01	0.33	-0.32
Idaho	3.8	0.54	0.14	-0.16	0.25	-0.46	-0.24	-0.18	0.60	-0.03	0.20	-0.23
Montana	6.0	3.59	0.29	0.00	0.38	-0.20	-0.12	-0.21	0.73	-0.12	0.16	-0.33
Utah	1.7	-0.03	-0.04	-0.10	-0.04	-0.33	-0.08	-0.29	0.74	0.14	0.63	-0.72
Wyoming	2.5	1.57	-0.85	-0.11	0.51	-0.02	-0.29	-0.09	0.61	0.45	0.20	-0.21
Far West	1.9	0.04	-0.01	-0.05	-0.08	-0.45	-0.12	-0.31	0.54	0.17	-0.01	-0.24
Alaska	1.6	0.75	-2.05	0.05	0.47	-0.05	-0.11	0.04	0.35	0.32	0.31	-0.06
California	1.2	-0.11	0.03	-0.06	-0.16	-0.58	-0.16	-0.35	0.52	0.17	0.11	-0.23
Hawaii	3.2	0.14	0.00	-0.08	-0.10	-0.04	-0.02	0.02	0.54	0.28	0.12	-0.40
Nevada	5.4	-0.02	-0.02	0.02	0.25	-0.06	0.02	-0.17	0.78	0.34	0.23	-0.66
Oregon	3.8	0.79	0.00	0.00	0.24	-0.62	-0.25	-0.13	0.41	0.09	0.35	-0.24
Washington	3.2	0.45	0.00	-0.03	0.02	0.10	0.08	-0.31	0.64	0.14	-0.89	-0.17

Table 2. Contributions to Percent Change in Real Gross Domestic Product, by State and Region, 2022:Q4–2023:Q1—Table Ends

[Seasonally adjusted at annual rates]

	Percentage points											
	Real estate and rental and leasing	Professional, scientific, and technical services	Management of companies and enterprises	Administrative and support and waste management and remediation services	Educational services	Health care and social assistance	Arts, entertainment, and recreation	Accommodation and food services	Other services (except government and government enterprises)	Government		
										Federal civilian	Military	State and local
United States	0.31	0.15	-0.05	0.06	0.00	0.61	0.16	0.26	-0.01	0.10	0.00	0.21
New England	0.08	0.19	-0.03	0.14	-0.04	0.73	0.32	0.14	-0.01	0.08	-0.01	0.05
Connecticut	-0.42	0.12	-0.07	0.07	-0.04	0.76	0.30	0.16	0.02	0.08	0.10	0.11
Maine	0.35	-0.03	-0.06	0.08	-0.08	0.76	0.35	0.03	-0.09	0.26	0.00	0.04
Massachusetts	0.46	0.31	0.00	0.15	-0.02	0.79	0.33	0.14	-0.01	0.03	-0.07	0.01
New Hampshire	-1.04	0.00	-0.03	0.49	-0.12	0.47	0.46	0.25	0.00	0.15	0.25	0.22
Rhode Island	0.01	-0.03	-0.20	0.00	-0.14	0.43	0.16	0.15	-0.08	0.26	-0.17	-0.01
Vermont	-0.11	0.06	-0.03	0.08	0.02	0.82	0.21	0.18	0.02	0.13	-0.27	0.02
Mideast	-0.03	0.04	-0.06	0.03	0.07	0.74	0.20	0.31	0.00	0.13	-0.01	0.09
Delaware	1.23	0.19	-0.18	0.10	-0.03	0.13	-0.05	0.25	-0.07	0.03	0.00	0.40
District of Columbia	0.32	-0.18	-0.02	0.02	-0.07	0.19	0.05	0.06	-0.10	0.58	0.09	0.03
Maryland	-0.07	-0.32	0.01	-0.15	0.04	0.65	0.01	0.13	0.10	0.57	-0.18	0.15
New Jersey	0.01	0.16	-0.16	-0.24	0.10	0.80	0.13	0.24	-0.09	0.06	0.04	0.23
New York	-0.04	0.12	-0.05	0.09	0.09	0.82	0.35	0.42	0.03	0.05	-0.01	0.02
Pennsylvania	-0.18	0.00	-0.05	0.22	0.05	0.70	0.07	0.27	-0.01	0.05	0.00	0.10
Great Lakes	-0.25	0.06	-0.06	0.02	-0.03	0.62	0.09	0.25	0.00	0.10	-0.09	0.31
Illinois	-0.36	-0.02	0.03	-0.10	-0.05	0.58	0.08	0.37	-0.02	0.10	-0.24	0.26
Indiana	-0.11	-0.14	-0.02	0.21	0.00	0.53	0.06	0.20	0.04	0.09	-0.02	0.36
Michigan	-0.33	0.12	-0.10	0.21	0.00	0.56	0.11	0.28	-0.07	0.09	-0.02	0.28
Ohio	-0.15	0.27	-0.12	-0.08	-0.04	0.75	0.16	0.09	0.05	0.13	0.02	0.33
Wisconsin	-0.18	0.00	-0.14	0.05	-0.06	0.63	-0.02	0.28	0.03	0.09	-0.10	0.36
Plains	-0.07	0.10	-0.08	0.05	-0.01	0.60	0.06	0.18	-0.03	0.06	0.05	0.22
Iowa	-0.23	0.26	-0.09	0.04	0.03	0.42	0.07	0.16	-0.11	0.02	0.05	0.20
Kansas	-0.40	0.22	0.09	-0.06	-0.04	0.57	0.02	0.12	-0.01	0.06	0.06	0.44
Minnesota	0.18	0.13	-0.27	-0.05	-0.09	0.68	0.06	0.23	-0.05	0.05	0.00	0.24
Missouri	-0.22	-0.02	0.01	0.22	0.05	0.64	0.08	0.18	0.05	0.08	0.12	0.19
Nebraska	0.23	-0.03	-0.01	0.07	0.04	0.50	0.03	0.17	-0.07	0.10	0.01	0.09
North Dakota	0.13	-0.04	-0.04	0.06	-0.01	0.51	0.08	0.20	-0.07	0.06	0.03	-0.02
South Dakota	-0.18	-0.01	-0.05	0.04	0.04	0.89	0.01	0.07	-0.07	0.10	0.00	0.22
Southeast	0.55	0.10	-0.02	0.13	-0.01	0.66	0.12	0.31	0.00	0.14	0.08	0.20
Alabama	0.16	0.15	-0.01	0.08	0.02	0.57	-0.02	0.10	-0.03	0.25	0.11	0.08
Arkansas	-0.25	0.05	-0.15	0.01	-0.04	0.48	-0.01	0.23	-0.06	0.05	0.05	0.01
Florida	1.37	0.16	0.01	0.11	0.01	0.84	0.03	0.41	0.03	0.14	-0.01	0.13
Georgia	0.89	-0.05	0.07	0.08	0.00	0.66	0.07	0.38	0.00	0.13	0.10	0.16
Kentucky	-0.12	0.03	-0.04	0.38	-0.03	0.71	0.07	0.11	-0.01	0.06	0.20	0.18
Louisiana	-0.01	-0.01	-0.03	0.08	-0.06	0.72	0.00	0.16	-0.03	0.02	-0.04	0.25
Mississippi	-0.44	0.01	-0.10	0.08	0.01	0.59	0.05	0.23	-0.07	0.27	0.61	-0.06
North Carolina	0.16	0.29	-0.08	0.10	0.05	0.49	0.07	0.32	0.00	0.13	0.11	0.29
South Carolina	0.66	-0.08	-0.02	0.30	-0.01	0.51	0.13	0.15	-0.11	0.18	0.07	0.31
Tennessee	0.74	0.24	-0.05	0.09	0.06	0.85	0.21	0.44	-0.02	0.21	-0.01	0.35
Virginia	-0.19	-0.01	0.00	0.21	-0.06	0.46	0.20	0.27	0.04	0.10	0.26	0.28
West Virginia	-0.29	-0.11	-0.07	0.14	0.00	0.66	0.08	0.18	0.05	0.27	-0.46	0.01
Southwest	0.69	0.33	-0.04	0.00	-0.04	0.39	0.08	0.16	0.00	0.10	0.02	0.27
Arizona	0.89	0.35	-0.05	0.05	0.03	0.86	0.05	0.13	-0.07	0.14	0.00	0.47
New Mexico	0.16	-0.09	-0.02	0.06	0.02	0.75	0.07	0.20	-0.07	0.47	0.14	0.61
Oklahoma	0.00	0.05	0.04	0.07	0.01	0.45	0.10	0.43	-0.08	0.19	0.06	0.29
Texas	0.75	0.38	-0.05	-0.02	-0.06	0.28	0.09	0.13	0.02	0.06	0.02	0.21
Rocky Mountain	0.82	0.26	-0.05	0.05	0.03	0.40	0.00	0.17	-0.04	0.09	0.02	0.19
Colorado	0.84	0.23	-0.07	0.03	0.03	0.31	0.01	0.06	-0.02	0.09	0.07	0.24
Idaho	1.59	0.24	0.03	0.39	0.03	0.70	0.02	0.25	-0.04	0.17	0.00	0.02
Montana	-0.02	-0.01	-0.01	0.15	0.01	0.85	0.08	0.54	-0.06	0.19	0.01	0.06
Utah	0.78	0.44	-0.06	-0.09	0.02	0.34	-0.02	0.27	-0.11	0.04	-0.04	0.22
Wyoming	0.23	0.02	-0.02	0.04	0.02	0.34	-0.09	0.07	0.00	0.06	0.00	0.10
Far West	0.56	0.22	-0.07	0.07	0.01	0.61	0.29	0.34	0.00	0.07	-0.01	0.27
Alaska	0.01	-0.07	0.00	0.04	0.01	0.63	0.14	0.11	-0.07	0.09	0.27	0.41
California	0.38	0.25	-0.07	0.03	0.01	0.60	0.31	0.23	-0.02	0.06	-0.04	0.27
Hawaii	0.63	0.11	-0.08	0.13	0.00	0.22	0.11	0.61	-0.01	0.18	0.73	0.12
Nevada	1.75	-0.01	-0.09	0.11	0.03	0.68	0.52	1.58	-0.01	0.14	0.00	0.01
Oregon	0.97	-0.06	-0.07	0.16	0.00	0.74	0.21	0.61	0.04	0.05	0.00	0.50
Washington	0.98	0.28	-0.06	0.20	0.02	0.63	0.21	0.42	0.07	0.10	0.02	0.30

Table 4. Personal Income Change by Component, by State and Region, 2022:Q4–2023:Q1

	Percent change ¹				Percent change in personal income	Contributions to percent change in personal income (percentage points)			Dollar change (millions)			
	Personal income	Net earnings ²	Dividends, interest, and rent	Transfer receipts		Net earnings ²	Dividends, interest, and rent	Transfer receipts	Personal income	Net earnings ²	Dividends, interest, and rent	Transfer receipts
United States	5.1	4.6	6.0	6.1	5.1	2.9	1.1	1.1	278,162	157,175	61,737	59,250
New England	2.7	4.8	5.2	-7.8	2.7	3.1	1.0	-1.3	8,346	9,367	2,993	-4,014
Connecticut	5.5	4.1	4.0	14.6	5.5	2.7	0.8	2.0	4,238	2,106	613	1,519
Maine	11.4	3.6	6.3	38.5	11.4	2.2	1.2	8.1	2,307	441	234	1,633
Massachusetts	-0.9	5.8	5.8	-31.1	-0.9	3.7	1.1	-5.7	-1,421	5,650	1,653	-8,724
New Hampshire	6.1	3.5	5.4	19.4	6.1	2.4	0.9	2.8	1,584	628	234	722
Rhode Island	5.8	3.3	4.9	14.9	5.8	2.1	0.9	2.9	1,017	362	150	505
Vermont	6.0	2.9	5.1	16.6	6.0	1.8	1.1	3.2	620	180	109	331
Mideast	4.8	4.6	4.8	5.2	4.8	3.0	0.9	0.9	43,565	27,225	7,960	8,379
Delaware	3.4	0.9	7.8	6.7	3.4	0.5	1.4	1.5	548	83	225	239
District of Columbia	5.6	4.0	5.6	14.0	5.6	2.7	1.0	1.8	902	441	166	294
Maryland	5.0	3.1	4.5	14.2	5.0	2.1	0.8	2.1	5,461	2,249	882	2,330
New Jersey	5.8	4.4	5.1	13.4	5.8	3.0	0.9	1.9	10,423	5,428	1,600	3,394
New York	3.2	5.2	4.6	-4.9	3.2	3.2	0.9	-0.9	12,316	12,350	3,426	-3,460
Pennsylvania	6.7	5.1	4.7	13.3	6.7	3.2	0.8	2.7	13,916	6,673	1,661	5,581
Great Lakes	5.2	4.8	4.3	7.5	5.2	3.0	0.8	1.4	37,369	21,759	5,382	10,227
Illinois	4.2	4.5	4.0	3.6	4.2	2.9	0.8	0.6	9,165	6,268	1,655	1,242
Indiana	-1.0	4.5	4.7	-19.3	-1.0	2.8	0.7	-4.5	-990	2,842	672	-4,505
Michigan	8.7	5.3	3.9	23.0	8.7	3.3	0.7	4.8	12,160	4,588	937	6,635
Ohio	6.5	5.4	4.7	11.2	6.5	3.4	0.8	2.2	10,898	5,764	1,356	3,778
Wisconsin	6.9	4.0	4.6	19.4	6.9	2.6	0.9	3.4	6,136	2,296	762	3,077
Plains	8.2	7.5	4.7	14.3	8.2	4.8	0.9	2.5	27,045	15,809	2,961	8,275
Iowa	10.1	11.8	3.9	10.0	10.1	7.5	0.7	1.8	4,632	3,467	321	844
Kansas	8.4	8.3	3.4	14.4	8.4	5.4	0.6	2.4	3,660	2,350	276	1,034
Minnesota	6.8	4.7	5.5	16.7	6.8	3.0	1.0	2.8	6,575	2,896	1,000	2,679
Missouri	7.0	5.3	4.3	14.5	7.0	3.3	0.8	2.9	6,027	2,838	689	2,500
Nebraska	11.1	11.7	5.4	15.8	11.1	7.5	1.1	2.6	3,411	2,291	335	785
North Dakota	11.0	12.4	6.5	11.5	11.0	7.8	1.4	1.7	1,389	994	177	218
South Dakota	9.2	10.5	5.1	9.3	9.2	6.6	1.1	1.5	1,351	972	163	216
Southeast	6.4	4.3	6.5	12.8	6.4	2.6	1.3	2.5	81,175	32,902	16,541	31,733
Alabama	4.8	2.3	5.4	11.2	4.8	1.4	0.9	2.5	3,108	885	586	1,638
Arkansas	3.2	0.1	4.0	10.2	3.2	0.1	0.8	2.3	1,288	31	328	929
Florida	7.9	5.1	7.6	16.7	7.9	2.7	2.1	3.1	28,079	9,687	7,496	10,896
Georgia	5.7	3.8	7.0	11.7	5.7	2.5	1.2	2.0	8,941	3,891	1,944	3,106
Kentucky	7.1	5.9	4.5	11.3	7.1	3.5	0.7	2.8	4,089	2,028	415	1,646
Louisiana	6.2	4.9	4.6	10.4	6.2	2.9	0.8	2.5	3,852	1,798	502	1,552
Mississippi	5.5	3.5	3.6	11.1	5.5	2.1	0.5	2.9	1,855	704	185	967
North Carolina	5.9	3.8	5.5	13.1	5.9	2.4	0.9	2.5	9,015	3,734	1,421	3,860
South Carolina	6.8	3.5	7.3	15.4	6.8	2.1	1.3	3.4	4,812	1,456	955	2,401
Tennessee	7.8	6.4	8.9	12.1	7.8	4.3	1.3	2.3	7,965	4,352	1,296	2,318
Virginia	4.6	4.0	4.4	7.3	4.6	2.6	0.8	1.2	6,876	3,885	1,255	1,736
West Virginia	5.9	3.7	4.7	10.8	5.9	2.1	0.7	3.1	1,294	452	159	684
Southwest	6.8	4.7	7.7	13.7	6.8	3.1	1.4	2.3	44,475	19,986	9,252	15,237
Arizona	7.5	4.4	7.5	16.4	7.5	2.7	1.4	3.4	7,806	2,807	1,429	3,570
New Mexico	7.1	5.2	5.6	12.2	7.1	3.0	1.0	3.1	1,927	807	269	850
Oklahoma	6.2	4.0	5.1	13.8	6.2	2.5	1.0	2.8	3,450	1,365	531	1,555
Texas	6.7	4.9	8.2	12.9	6.7	3.2	1.5	2.0	31,292	15,008	7,023	9,261
Rocky Mountain	5.3	3.2	7.7	11.2	5.3	2.0	1.6	1.6	11,113	4,285	3,466	3,362
Colorado	4.8	2.9	8.0	8.9	4.8	1.9	1.7	1.2	5,155	2,046	1,831	1,277
Idaho	6.7	3.7	9.2	13.5	6.7	2.3	1.8	2.5	1,768	610	490	669
Montana	8.3	6.7	5.4	17.4	8.3	3.8	1.3	3.2	1,338	609	210	520
Utah	4.2	2.1	7.8	10.1	4.2	1.4	1.5	1.3	2,087	693	763	631
Wyoming	7.4	5.8	5.3	18.1	7.4	3.2	1.7	2.6	765	327	172	265
Far West	2.4	3.8	6.5	-7.7	2.4	2.4	1.2	-1.3	25,075	25,842	13,181	-13,949
Alaska	7.2	6.6	4.8	11.3	7.2	4.1	0.8	2.3	901	512	104	284
California	0.7	3.5	6.2	-15.3	0.7	2.3	1.1	-2.7	5,549	17,228	8,694	-20,373
Hawaii	1.1	3.6	6.5	-11.9	1.1	2.2	1.2	-2.4	241	509	280	-548
Nevada	6.2	3.4	8.2	13.5	6.2	2.0	1.9	2.2	3,030	1,005	934	1,091
Oregon	8.0	5.5	7.5	16.2	8.0	3.4	1.4	3.2	5,265	2,231	921	2,113
Washington	6.9	4.6	7.4	16.7	6.9	3.0	1.5	2.4	10,088	4,357	2,248	3,484

1. Quarterly percent changes shown are annualized—that is, they are a percent change from the preceding period at annual rates.

2. Net earnings is earnings by place of work—the sum of wages and salaries, supplements to wages and salaries, and proprietors' income—less contributions for government social insurance plus an adjustment to convert earnings by place of work to a place-of-residence basis.

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

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Table 5. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022:Q4–2023:Q1—Continues

[Percentage points, seasonally adjusted at annual rates]

	Total earnings ¹	Earnings by industry											
		Farm	Forestry, fishing, and related activities	Mining, quarrying, and oil and gas extraction	Utilities	Construction	Manufacturing		Wholesale trade	Retail trade	Transportation and warehousing	Information	Finance and insurance
							Durable goods	Nondurable goods					
United States	3.38	-0.06	0.07	0.00	0.03	0.27	0.00	0.10	0.14	0.22	0.20	-0.15	0.05
New England	3.44	-0.06	0.11	0.00	0.05	0.30	0.00	0.07	0.29	0.24	0.14	-0.11	-0.09
Connecticut	2.73	-0.04	0.01	0.00	0.04	0.13	-0.11	0.13	0.36	0.22	0.19	-0.02	-0.42
Maine	2.54	-0.23	0.51	0.00	0.02	0.07	-0.16	0.09	0.23	0.11	0.08	-0.05	-0.04
Massachusetts	4.39	-0.01	0.12	0.00	0.06	0.43	0.09	0.03	0.29	0.25	0.16	-0.18	0.07
New Hampshire	2.11	-0.06	0.10	0.00	0.05	0.45	-0.02	0.09	0.29	0.48	0.05	-0.06	-0.12
Rhode Island	1.86	-0.02	0.05	0.00	0.03	0.11	-0.11	0.17	0.29	0.13	0.05	0.00	-0.04
Vermont	2.12	-0.61	0.13	0.01	0.04	0.19	-0.01	0.14	0.07	0.12	0.09	-0.01	-0.02
Mideast	3.52	-0.13	0.02	0.00	0.04	0.37	0.01	0.07	0.08	0.21	0.11	-0.11	0.10
Delaware	0.75	-1.23	-0.02	-0.01	0.04	0.11	-0.06	0.27	0.12	0.25	0.40	0.00	0.43
District of Columbia	4.85	0.00	0.01	0.00	0.06	0.09	-0.01	0.01	0.11	0.06	0.28	-0.06	0.17
Maryland	2.30	-0.17	0.01	0.00	0.06	0.21	0.07	0.07	0.15	0.08	0.14	-0.07	-0.17
New Jersey	2.98	-0.03	0.02	-0.03	0.04	0.26	0.06	0.19	0.01	0.29	0.06	-0.11	0.02
New York	4.06	-0.08	0.01	-0.01	0.05	0.42	0.01	0.00	0.01	0.22	0.03	-0.22	0.18
Pennsylvania	3.73	-0.19	0.06	0.04	0.03	0.53	-0.04	0.08	0.22	0.21	0.26	0.07	0.13
Great Lakes	3.49	0.28	0.05	0.02	0.04	0.25	-0.09	0.14	0.16	0.18	0.20	-0.02	0.04
Illinois	3.23	0.77	0.02	0.01	0.05	0.05	-0.26	0.01	-0.02	0.17	0.27	-0.02	0.05
Indiana	3.14	0.44	0.08	0.03	0.03	0.13	-0.32	0.24	0.12	0.15	0.20	-0.01	0.05
Michigan	3.88	-0.04	0.00	0.02	0.04	0.60	0.20	0.06	0.34	0.29	0.08	-0.01	-0.09
Ohio	3.95	0.15	0.07	0.02	0.05	0.33	0.07	0.14	0.14	0.12	0.27	-0.05	0.07
Wisconsin	3.05	-0.35	0.12	0.00	0.01	0.16	-0.15	0.46	0.42	0.19	0.11	-0.02	0.14
Plains	5.31	2.12	0.09	0.06	0.04	0.47	0.00	0.22	0.13	0.23	0.15	-0.20	-0.05
Iowa	8.13	4.27	0.20	0.01	0.03	0.76	0.06	0.31	0.23	0.22	0.16	-0.02	0.07
Kansas	5.64	3.05	0.25	0.00	0.03	0.12	0.07	0.04	0.21	0.24	0.14	-0.92	-0.05
Minnesota	3.45	0.67	0.02	0.03	0.06	0.49	-0.06	0.13	0.05	0.20	0.15	-0.06	-0.16
Missouri	3.97	0.32	0.06	-0.02	0.05	0.34	0.00	0.34	0.21	0.23	0.16	-0.19	-0.02
Nebraska	7.85	5.52	0.09	0.01	0.03	0.78	-0.08	0.36	-0.37	0.16	0.17	-0.01	-0.04
North Dakota	8.96	3.92	-0.05	1.38	0.04	1.01	0.01	0.13	0.46	0.34	0.15	-0.09	0.05
South Dakota	7.09	3.99	-0.08	0.04	0.04	0.12	0.09	0.22	0.34	0.40	0.10	-0.04	-0.02
Southeast	3.13	-0.45	0.05	0.02	-0.01	0.26	0.03	0.08	0.20	0.24	0.19	-0.05	0.03
Alabama	1.80	-1.42	0.09	0.02	0.02	0.26	0.15	0.07	0.19	0.30	0.08	-0.06	0.07
Arkansas	0.57	-2.36	0.11	0.00	0.05	0.52	0.07	0.21	0.39	0.10	0.24	-0.05	0.02
Florida	3.24	-0.05	0.04	0.00	-0.08	0.11	0.04	-0.02	0.21	0.33	0.22	-0.13	0.04
Georgia	3.09	-0.84	0.05	-0.01	0.05	0.33	0.04	0.15	0.23	0.33	0.11	-0.06	0.05
Kentucky	4.31	-0.03	0.10	0.07	0.05	0.51	0.11	0.25	0.31	0.23	0.48	-0.02	-0.06
Louisiana	3.40	-0.11	0.10	0.12	0.04	0.76	0.05	0.08	0.17	0.11	0.07	0.02	0.01
Mississippi	2.54	-1.36	0.22	0.03	0.13	0.40	0.27	0.05	0.19	0.29	0.26	0.00	-0.01
North Carolina	3.04	-0.77	0.04	0.00	0.03	0.17	0.01	0.12	0.15	0.18	0.12	0.05	0.13
South Carolina	2.36	-0.37	-0.09	0.01	0.05	0.22	-0.09	0.14	-0.02	0.11	0.12	0.06	0.04
Tennessee	4.84	-0.03	0.05	0.01	0.01	0.32	-0.01	0.12	0.31	0.19	0.31	0.02	-0.07
Virginia	3.11	-0.20	0.02	0.01	-0.14	0.27	-0.06	0.08	0.14	0.12	0.19	-0.09	-0.03
West Virginia	2.40	-0.28	0.10	0.28	0.07	0.10	-0.01	-0.02	0.16	0.36	0.19	-0.04	0.01
Southwest	3.62	-0.12	0.07	-0.07	0.05	0.31	-0.05	0.12	0.29	0.28	0.27	-0.03	0.17
Arizona	3.21	-0.16	0.07	0.07	0.06	0.14	-0.26	0.03	0.10	0.25	0.12	-0.10	0.02
New Mexico	3.57	-0.45	0.03	0.36	0.04	0.61	-0.05	0.05	-0.02	0.12	0.05	0.02	0.01
Oklahoma	2.91	0.09	0.06	-0.43	0.11	0.49	-0.05	0.15	0.25	0.31	0.44	-0.63	-0.01
Texas	3.81	-0.12	0.07	-0.09	0.04	0.31	0.00	0.15	0.35	0.29	0.30	0.06	0.23
Rocky Mountain	2.43	-0.05	0.07	-0.11	0.04	0.17	-0.01	0.13	0.04	0.20	0.15	-0.05	0.01
Colorado	2.24	0.11	0.04	-0.29	0.04	-0.13	-0.02	0.12	0.02	0.14	0.11	-0.12	0.02
Idaho	2.83	-0.93	0.29	0.08	0.00	0.56	-0.10	0.09	0.12	0.16	0.05	-0.01	0.06
Montana	4.37	0.49	0.10	0.22	0.07	0.72	-0.03	0.08	0.06	0.34	0.01	-0.02	0.02
Utah	1.71	-0.15	0.00	0.01	0.04	0.29	0.05	0.18	0.02	0.31	0.24	0.05	-0.07
Wyoming	3.77	0.24	0.07	0.18	0.05	0.79	0.06	0.09	0.06	0.24	0.59	0.02	0.01
Far West	2.89	-0.43	0.14	0.02	0.04	0.12	0.05	0.10	0.01	0.19	0.26	-0.48	0.06
Alaska	4.65	-0.03	0.71	-0.12	0.11	0.78	-0.02	0.10	0.09	0.10	0.29	0.05	0.06
California	2.68	-0.52	0.11	0.02	0.04	0.02	-0.10	0.09	-0.01	0.21	0.25	-0.40	0.08
Hawaii	2.64	-0.05	0.05	0.00	0.05	0.15	-0.01	0.06	0.13	0.14	0.30	-0.06	-0.08
Nevada	2.36	-0.03	-0.04	0.11	0.04	0.50	0.10	0.11	0.05	0.30	0.41	-0.01	-0.13
Oregon	4.18	-0.31	0.40	0.01	0.04	0.56	0.00	0.01	0.12	0.12	0.17	-0.03	0.02
Washington	3.50	-0.22	0.20	0.01	0.01	0.26	0.86	0.17	0.00	0.09	0.24	-1.37	0.06

1. An industry's annualized contribution to percent change in personal income equals the dollar change in that industry's earnings divided by the dollar change in personal income then multiplied by personal income growth.

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Table 5. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022:Q4–2023:Q1—Table Ends

[Percentage points, seasonally adjusted at annual rates]

	Earnings by industry											
	Real estate and rental and leasing	Professional, scientific, and technical services	Management of companies and enterprises	Administrative and support and waste management and remediation services	Educational services	Health care and social assistance	Arts, entertainment, and recreation	Accommodation and food services	Other services (except government and government enterprises)	Government		
										Federal civilian	Military	State and local
United States	0.11	0.64	-0.02	0.09	0.05	0.59	0.19	0.14	0.12	0.03	0.01	0.55
New England	-0.04	0.81	0.02	0.16	0.06	0.66	0.30	0.05	0.10	0.03	0.00	0.34
Connecticut	0.05	0.51	-0.01	0.08	0.05	0.66	0.26	0.06	0.13	0.03	0.04	0.41
Maine	0.12	0.30	0.00	0.09	-0.01	0.67	0.30	-0.06	0.02	0.14	0.00	0.35
Massachusetts	0.15	1.16	0.06	0.17	0.10	0.73	0.31	0.05	0.10	-0.01	-0.01	0.29
New Hampshire	-1.68	0.46	0.01	0.47	-0.02	0.40	0.43	0.09	0.13	0.07	0.05	0.46
Rhode Island	0.08	0.33	-0.09	0.03	-0.01	0.31	0.18	0.02	0.03	0.13	-0.10	0.28
Vermont	0.06	0.44	-0.01	0.09	0.10	0.68	0.21	0.01	0.14	0.04	-0.17	0.40
Midwest	0.11	0.63	-0.01	0.06	0.15	0.73	0.25	0.18	0.13	0.02	-0.01	0.47
Delaware	0.19	0.69	-0.15	0.15	-0.01	-1.58	-0.01	0.21	0.00	-0.01	0.00	0.96
District of Columbia	0.25	2.39	-0.01	0.11	0.11	0.35	0.22	-0.05	0.58	-0.41	0.08	0.50
Maryland	0.15	0.29	0.03	-0.11	0.10	0.58	0.05	0.04	0.22	0.18	-0.09	0.48
New Jersey	0.12	0.67	-0.07	-0.18	0.13	0.72	0.12	0.14	0.01	0.02	0.02	0.51
New York	0.11	0.73	-0.01	0.13	0.19	0.95	0.46	0.27	0.15	0.02	-0.01	0.47
Pennsylvania	0.09	0.45	0.02	0.24	0.14	0.64	0.11	0.15	0.11	0.00	0.00	0.38
Great Lakes	0.11	0.49	-0.01	0.06	0.01	0.59	0.12	0.13	0.13	0.05	-0.08	0.64
Illinois	0.15	0.52	0.07	-0.06	0.00	0.57	0.12	0.22	0.11	0.05	-0.24	0.60
Indiana	0.14	0.14	0.01	0.24	0.04	0.46	0.07	0.10	0.18	0.05	-0.02	0.59
Michigan	0.11	0.59	-0.05	0.24	0.03	0.51	0.14	0.15	0.05	0.04	-0.01	0.58
Ohio	0.06	0.67	-0.05	-0.05	-0.01	0.77	0.19	0.02	0.19	0.07	0.01	0.70
Wisconsin	0.09	0.28	-0.07	0.07	-0.02	0.57	0.03	0.16	0.16	0.04	-0.07	0.73
Plains	0.09	0.45	-0.08	0.08	0.02	0.59	0.09	0.09	0.09	0.02	0.04	0.56
Iowa	0.08	0.51	-0.07	0.07	0.07	0.40	0.08	0.07	0.00	-0.01	0.02	0.61
Kansas	0.15	0.59	0.13	-0.02	-0.02	0.60	0.04	0.04	0.12	0.01	0.06	0.74
Minnesota	0.09	0.55	-0.17	-0.03	-0.06	0.65	0.10	0.13	0.07	0.02	0.00	0.57
Missouri	0.07	0.41	0.07	0.25	0.10	0.59	0.12	0.08	0.20	0.01	0.11	0.48
Nebraska	0.10	0.26	-0.64	0.12	0.07	0.55	0.06	0.10	0.04	0.07	0.01	0.47
North Dakota	0.15	0.16	-0.03	0.08	0.00	0.55	0.12	0.13	0.02	0.05	0.03	0.37
South Dakota	0.07	0.20	-0.01	0.05	0.07	0.88	0.05	0.00	0.04	0.07	0.00	0.48
Southeast	0.11	0.52	0.03	0.17	0.03	0.62	0.16	0.16	0.12	0.05	0.07	0.49
Alabama	0.04	0.52	0.02	0.11	0.04	0.55	0.01	0.02	0.10	0.12	0.04	0.45
Arkansas	0.07	0.25	-0.03	0.04	-0.02	0.39	0.02	0.10	0.05	0.00	0.04	0.36
Florida	0.15	0.56	0.05	0.14	0.04	0.72	0.11	0.19	0.15	0.07	-0.01	0.36
Georgia	0.11	0.42	0.15	0.13	0.05	0.70	0.10	0.27	0.11	0.06	0.10	0.46
Kentucky	0.07	0.30	-0.01	0.38	-0.01	0.66	0.11	0.01	0.11	0.00	0.20	0.49
Louisiana	0.12	0.28	-0.01	0.10	-0.02	0.74	0.05	0.06	0.08	-0.02	-0.04	0.63
Mississippi	0.05	0.20	-0.06	0.10	0.03	0.57	0.05	0.07	0.04	0.15	0.50	0.36
North Carolina	0.11	0.74	-0.03	0.15	0.11	0.47	0.12	0.20	0.13	0.06	0.12	0.62
South Carolina	0.12	0.26	0.01	0.31	0.04	0.47	0.16	0.02	0.01	0.10	0.06	0.64
Tennessee	0.09	0.61	0.00	0.13	-0.02	0.92	0.75	0.26	0.12	0.11	-0.01	0.64
Virginia	0.08	0.78	0.07	0.25	-0.02	0.40	0.20	0.14	0.18	-0.06	0.20	0.59
West Virginia	0.07	0.11	-0.05	0.15	0.02	0.61	0.08	0.06	0.18	0.12	-0.27	0.40
Southwest	0.16	0.82	-0.01	0.04	-0.01	0.39	0.11	0.07	0.12	0.03	0.02	0.59
Arizona	0.24	0.71	-0.01	0.10	0.07	0.79	0.10	0.02	0.03	0.06	0.00	0.75
New Mexico	0.07	0.39	-0.01	0.09	0.05	0.70	0.11	0.06	0.04	0.12	0.05	1.12
Oklahoma	0.07	0.30	0.08	0.10	0.03	0.43	0.11	0.25	0.04	0.08	0.05	0.60
Texas	0.16	0.93	-0.02	0.02	-0.03	0.28	0.12	0.06	0.15	0.02	0.02	0.53
Rocky Mountain	0.12	0.79	-0.01	-0.07	0.07	0.18	0.06	0.06	0.08	0.01	0.02	0.52
Colorado	0.15	0.87	-0.01	0.07	0.07	0.28	0.07	-0.03	0.11	0.02	0.06	0.55
Idaho	0.13	0.57	0.06	0.39	0.06	0.63	0.06	0.11	0.06	0.07	0.00	0.31
Montana	0.10	0.32	0.00	0.16	0.03	0.73	0.13	0.31	0.06	0.08	0.00	0.39
Utah	0.08	1.03	-0.03	-0.72	0.08	-0.48	0.04	0.18	0.03	-0.03	-0.03	0.60
Wyoming	0.09	0.23	0.00	0.06	0.04	0.33	-0.02	-0.03	0.10	-0.01	0.00	0.58
Far West	0.12	0.73	-0.11	0.10	0.05	0.61	0.30	0.21	0.11	0.02	0.00	0.69
Alaska	0.05	0.14	0.02	0.07	0.03	0.69	0.16	0.04	0.04	-0.03	0.30	1.02
California	0.13	0.81	-0.03	0.07	0.05	0.61	0.36	0.14	0.09	0.01	-0.03	0.69
Hawaii	0.09	0.35	-0.05	0.16	0.04	-0.38	0.16	0.24	0.13	0.01	0.71	0.49
Nevada	0.08	0.29	-1.53	0.16	0.06	0.65	-0.22	1.00	0.09	0.08	0.00	0.31
Oregon	0.15	0.31	0.01	0.18	0.04	0.72	0.23	0.37	0.18	0.00	0.00	0.92
Washington	0.10	0.80	-0.12	0.24	0.05	0.71	0.24	0.22	0.18	0.04	0.01	0.72