

News Release

EMBARGOED UNTIL RELEASE AT 10:00 a.m. EDT, Friday, September 29, 2023

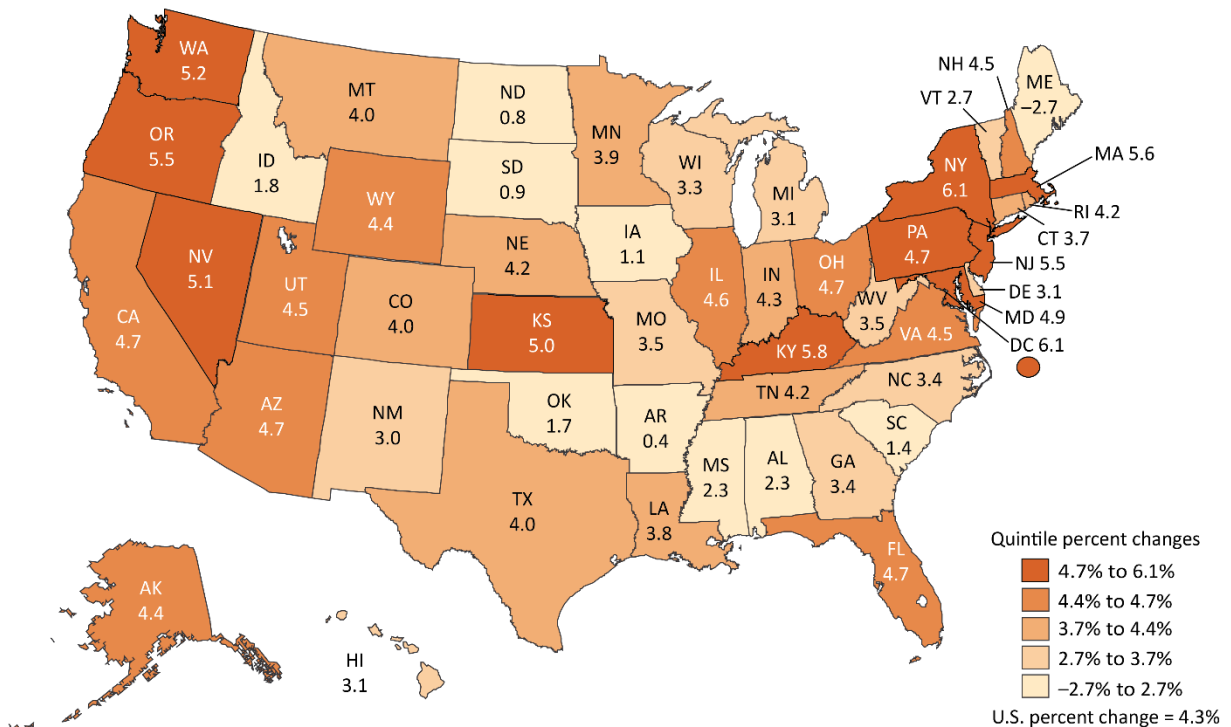
BEA 23-45

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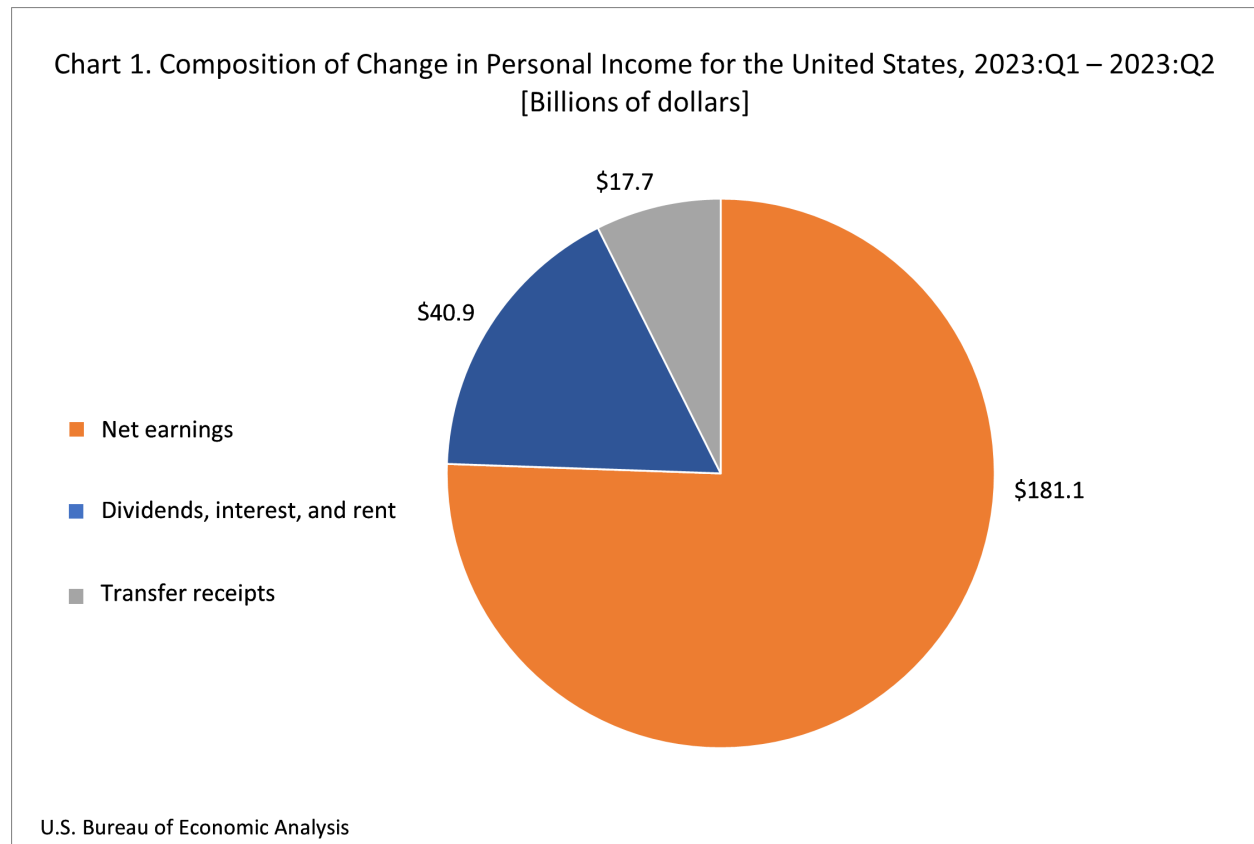
Personal Income by State, 2nd Quarter 2023

Personal income, in current dollars, increased in 49 states and the District of Columbia in the second quarter of 2023, with the percent change ranging from 6.1 percent in New York and the District of Columbia to -2.7 percent in Maine (table 1), according to statistics released today by the U.S. Bureau of Economic Analysis (BEA).

Personal Income: Percent Change at Annual Rate, 2023:Q1-2023:Q2



Nationally, personal income increased \$239.7 billion dollars in the second quarter of 2023. Earnings, property income (dividends, interest, and rent), and transfer receipts all contributed to the increase (chart 1).



Earnings increased in 48 states and the District of Columbia, while growing 5.3 percent nationally. The percent change in earnings ranged from 7.1 percent in Florida to -0.8 percent in North Dakota (table 2). Earnings was the leading contributor to growth in personal income in 44 states and the District of Columbia.

Earnings increased in 20 of the 24 industries for which BEA prepares quarterly estimates (table 3). Professional, scientific, and technical services; health care and social assistance; and finance and insurance were the leading contributors to the overall growth in earnings nationally.

- Finance and insurance was the leading contributor to the increase in earnings in three states, including New York, the state with the largest percent increase in personal income.
- Health care and social assistance was the leading contributor to the increase in earnings in 14 states, including Kentucky, the state with the second-largest percent increase in personal income.
- Professional, scientific, and technical services was the leading contributor to the increase in earnings in the District of Columbia and 18 states, including Massachusetts, the state with the third-largest percent increase in personal income.

Property income increased in all 50 states and the District of Columbia, while growing 3.7 percent nationally. The percent change in property income ranged from 5.2 percent in Texas to 2.6 percent in Iowa. Property income was the leading contributor to growth in personal income in five states (table 2).

Transfer receipts increased in 38 states and the District of Columbia, while growing 1.7 percent nationally. Increases in Medicaid benefits were partially offset by decreases in all other transfer receipts. The percent change in transfer receipts ranged from 12.1 percent in New York to -23.0 percent in Maine (table 2).

Medicaid benefits contributed to personal income growth in 46 states and the District of Columbia, including New York, Kentucky, and Massachusetts, the three fastest-growing states for personal income.

Transfer receipts was the leading contributor to the decrease in personal income in Maine, where one-time state refundable tax credits were paid in the first quarter of 2023.

Annual update of state statistics

The estimates for the second quarter of 2023 incorporate the results of BEA's comprehensive update of personal income by state that was also released today. The annual estimates of personal income by state from 1979 to 2022 and the quarterly estimates of personal income by state from the first quarter of 1979 through the first quarter of 2023 were revised. The annual estimates of GDP by state from 2017 to 2022 were also revised. These updates incorporate new and revised source data that are more complete and more detailed than previously available, updates to seasonal factors, and the results of the September 28, 2023, comprehensive update of the National Economic Accounts. Our online journal, the *Survey of Current Business*, will publish an article in November describing the results.

BEA also released new estimates of per capita personal income for the second 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 second 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](#)."

GDP by state statistics for the second quarter of 2023 will be released later this fall; BEA will send out an [advisory](#) with the date and time when this information becomes available.

Next release: December 22, 2023, at 10:00 a.m. EST

Gross Domestic Product by State and Personal Income by State, 3rd 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_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.

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)

News release tables

Table 1. Personal Income, by State and Region, 2022:Q1–2023:Q2

Table 2. Personal Income Change by Component, by State and Region, 2023:Q1–2023:Q2

Table 3. Contributions of Earnings by Industry to Percent Change in Personal Income, by State and Region, 2023:Q1–2023:Q2

Table 4. Gross Domestic Product by State and Region: Level and Percent Change From Preceding Period

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. Personal Income, by State and Region, 2022:Q1–2023:Q2

	Millions of dollars, seasonally adjusted at annual rate						Seasonally adjusted at annual rate					Rank
	2022				2023		Percent change from preceding quarter ^r					
	Q1 ^f	Q2 ^f	Q3 ^f	Q4 ^f	Q1 ^f	Q2 ^p	2022:Q2	2022:Q3	2022:Q4	2023:Q1	2023:Q2		2023:Q1–2023:Q2
United States	21,395,331	21,640,434	21,995,492	22,249,735	22,618,087	22,857,767	4.7	6.7	4.7	6.8	4.3	--
New England	1,166,359	1,176,415	1,192,271	1,219,068	1,228,351	1,241,176	3.5	5.5	9.3	3.1	4.2	--
Connecticut	296,805	297,263	303,053	305,882	312,028	314,866	0.6	8.0	3.8	8.3	3.7	30
Maine	81,825	83,496	85,059	85,423	87,566	86,962	8.4	7.7	1.7	10.4	-2.7	50
Massachusetts	578,719	582,860	589,268	610,754	607,474	615,857	2.9	4.5	15.4	-2.1	5.6	3
New Hampshire	101,055	102,684	103,769	104,979	106,861	108,045	6.6	4.3	4.7	7.4	4.5	16
Rhode Island	68,055	69,592	70,171	70,238	71,875	72,612	9.3	3.4	0.4	9.6	4.2	23
Vermont	39,900	40,519	40,951	41,791	42,547	42,834	6.3	4.3	8.5	7.4	2.7	40
Mideast	3,541,423	3,574,088	3,621,249	3,652,774	3,716,669	3,766,289	3.7	5.4	3.5	7.2	5.4	--
Delaware	62,210	63,805	65,193	66,419	66,482	66,989	10.7	9.0	7.7	0.4	3.1	36
District of Columbia	63,079	63,864	65,008	65,940	67,189	68,194	5.1	7.4	5.9	7.8	6.1	--
Maryland	424,134	429,787	437,067	440,746	450,730	456,132	5.4	6.9	3.4	9.4	4.9	9
New Jersey	703,783	710,656	720,234	725,287	736,829	746,696	4.0	5.5	2.8	6.5	5.5	5
New York	1,467,916	1,473,485	1,489,322	1,504,486	1,525,189	1,547,872	1.5	4.4	4.1	5.6	6.1	1
Pennsylvania	820,301	832,490	844,426	849,896	870,251	880,406	6.1	5.9	2.6	9.9	4.7	10
Great Lakes	2,819,058	2,846,782	2,881,915	2,906,522	2,950,976	2,980,980	4.0	5.0	3.5	6.3	4.1	--
Illinois	837,904	845,526	856,012	865,530	878,784	888,769	3.7	5.1	4.5	6.3	4.6	15
Indiana	392,837	395,494	399,828	405,932	406,853	411,205	2.7	4.5	6.2	0.9	4.3	21
Michigan	564,364	570,816	575,824	578,297	591,759	596,263	4.7	3.6	1.7	9.6	3.1	38
Ohio	667,378	675,663	684,198	689,693	701,100	709,213	5.1	5.1	3.3	6.8	4.7	12
Wisconsin	356,575	359,283	366,053	367,070	372,481	375,529	3.1	7.8	1.1	6.0	3.3	35
Plains	1,332,663	1,352,912	1,380,851	1,390,818	1,417,158	1,428,768	6.2	8.5	2.9	7.8	3.3	--
Iowa	188,840	191,590	195,247	195,292	198,686	199,227	6.0	7.9	0.1	7.1	1.1	46
Kansas	174,643	175,242	179,169	180,844	184,336	186,591	1.4	9.3	3.8	7.9	5.0	8
Minnesota	384,268	390,676	398,583	400,749	406,153	410,102	6.8	8.3	2.2	5.5	3.9	28
Missouri	347,739	353,940	361,542	365,557	374,139	377,390	7.3	8.9	4.5	9.7	3.5	31
Nebraska	123,348	125,013	127,892	129,640	132,532	133,889	5.5	9.5	5.6	9.2	4.2	24
North Dakota	53,183	54,631	55,716	55,784	57,242	57,350	11.3	8.2	0.5	10.9	0.8	48
South Dakota	60,641	61,819	62,700	62,953	64,071	64,220	8.0	5.8	1.6	7.3	0.9	47
Southeast	4,985,887	5,056,533	5,148,432	5,218,445	5,324,205	5,373,899	5.8	7.5	5.6	8.4	3.8	--
Alabama	252,388	255,729	260,859	264,473	269,221	270,754	5.4	8.3	5.7	7.4	2.3	41
Arkansas	156,175	157,567	162,283	164,991	166,922	167,108	3.6	12.5	6.8	4.8	0.4	49
Florida	1,397,659	1,426,530	1,459,748	1,482,459	1,523,652	1,541,114	8.5	9.6	6.4	11.6	4.7	14
Georgia	602,637	615,478	622,615	629,482	634,052	639,358	8.8	4.7	4.5	2.9	3.4	33
Kentucky	231,823	233,646	235,239	236,419	242,233	245,651	3.2	2.8	2.0	10.2	5.8	2
Louisiana	246,302	249,402	251,630	253,349	258,788	261,208	5.1	3.6	2.8	8.9	3.8	29
Mississippi	134,489	135,178	137,343	138,311	139,978	140,773	2.1	6.6	2.8	4.9	2.3	42
North Carolina	613,327	614,698	624,465	634,332	647,869	653,283	0.9	6.5	6.5	8.8	3.4	34
South Carolina	275,651	280,168	285,390	291,774	298,389	299,423	6.7	7.7	9.3	9.4	1.4	45
Tennessee	403,544	407,532	413,683	419,381	429,199	433,637	4.0	6.2	5.6	9.7	4.2	22
Virginia	584,443	592,251	606,084	613,389	622,101	628,996	5.5	9.7	4.9	5.8	4.5	17
West Virginia	87,447	88,355	89,093	90,084	91,800	92,596	4.2	3.4	4.5	7.8	3.5	32
Southwest	2,573,112	2,621,719	2,678,289	2,711,336	2,764,284	2,790,549	7.8	8.9	5.0	8.0	3.9	--
Arizona	418,661	426,127	434,287	441,259	449,109	454,261	7.3	7.9	6.6	7.3	4.7	13
New Mexico	107,031	109,579	112,704	111,898	113,387	114,228	9.9	11.9	-2.8	5.4	3.0	39
Oklahoma	221,623	224,642	228,626	230,342	234,438	235,405	5.6	7.3	3.0	7.3	1.7	44
Texas	1,825,798	1,861,370	1,902,672	1,927,838	1,967,350	1,986,655	8.0	9.2	5.4	8.5	4.0	26
Rocky Mountain	841,009	853,869	879,071	882,301	896,776	905,227	6.3	12.3	1.5	6.7	3.8	--
Colorado	431,079	436,241	452,825	448,707	456,187	460,632	4.9	16.1	-3.6	6.8	4.0	27
Idaho	106,221	108,759	111,239	112,885	114,646	115,153	9.9	9.4	6.0	6.4	1.8	43
Montana	67,044	67,981	68,965	69,917	71,624	72,329	5.7	5.9	5.6	10.1	4.0	25
Utah	194,938	198,786	203,206	207,118	209,519	211,827	8.1	9.2	7.9	4.7	4.5	18
Wyoming	41,728	42,102	42,836	43,674	44,800	45,286	3.6	7.2	8.1	10.7	4.4	19
Far West	4,135,820	4,158,116	4,213,414	4,268,471	4,319,668	4,370,880	2.2	5.4	5.3	4.9	4.8	--
Alaska	49,140	50,110	50,838	51,310	51,225	51,779	8.1	5.9	3.8	-0.7	4.4	20
California	2,969,021	2,979,888	3,018,949	3,058,730	3,088,500	3,124,463	1.5	5.3	5.4	4.0	4.7	11
Hawaii	86,800	87,731	89,292	92,070	91,868	92,568	4.4	7.3	13.0	-0.9	3.1	37
Nevada	193,402	196,145	198,487	201,131	203,387	205,945	5.8	4.9	5.4	4.6	5.1	7
Oregon	261,747	262,952	265,103	266,894	273,484	277,186	1.9	3.3	2.7	10.2	5.5	4
Washington	575,708	581,291	590,745	598,336	611,204	618,938	3.9	6.7	5.2	8.9	5.2	6

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

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

U.S. Bureau of Economic Analysis

Table 2. Personal Income Change by Component, by State and Region, 2023:Q1–2023:Q2

	Percent change ¹				Percent change in personal income	Contribution 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	4.3	5.3	3.7	1.7	4.3	3.3	0.7	0.3	239,679	181,082	40,853	17,744
New England	4.2	5.8	3.1	-0.4	4.2	3.7	0.6	-0.1	12,825	11,234	1,807	-216
Connecticut	3.7	4.1	2.8	2.9	3.7	2.7	0.6	0.4	2,838	2,079	425	334
Maine	-2.7	4.9	3.5	-23.0	-2.7	2.7	0.6	-6.1	-605	603	138	-1,347
Massachusetts	5.6	7.0	3.2	2.7	5.6	4.6	0.6	0.4	8,384	6,837	922	625
New Hampshire	4.5	5.6	3.2	1.4	4.5	3.8	0.5	0.2	1,185	988	139	58
Rhode Island	4.2	5.4	3.5	1.1	4.2	3.3	0.6	0.2	737	582	113	41
Vermont	2.7	2.4	3.2	3.2	2.7	1.4	0.7	0.7	286	145	70	72
Mideast	5.4	5.6	3.2	7.1	5.4	3.6	0.6	1.3	49,619	32,681	5,346	11,592
Delaware	3.1	2.7	3.3	3.9	3.1	1.6	0.6	0.9	507	263	99	145
District of Columbia	6.1	6.6	3.3	7.7	6.1	4.4	0.6	1.1	1,005	722	99	183
Maryland	4.9	6.0	2.8	2.5	4.9	4.0	0.5	0.4	5,402	4,382	572	448
New Jersey	5.5	6.8	3.1	2.5	5.5	4.5	0.5	0.4	9,867	8,194	975	699
New York	6.1	5.3	3.0	12.1	6.1	3.3	0.6	2.2	22,684	12,491	2,144	8,048
Pennsylvania	4.7	5.1	3.7	4.6	4.7	3.1	0.7	1.0	10,154	6,629	1,457	2,069
Great Lakes	4.1	5.2	3.1	1.9	4.1	3.2	0.6	0.4	30,003	23,119	4,245	2,640
Illinois	4.6	4.8	2.9	6.0	4.6	3.0	0.6	1.0	9,985	6,551	1,300	2,134
Indiana	4.3	4.0	3.2	6.3	4.3	2.6	0.5	1.3	4,352	2,588	509	1,255
Michigan	3.1	6.4	3.0	-5.5	3.1	3.8	0.6	-1.2	4,505	5,502	805	-1,802
Ohio	4.7	5.8	3.3	2.6	4.7	3.6	0.6	0.5	8,113	6,124	1,051	938
Wisconsin	3.3	4.2	3.3	0.6	3.3	2.6	0.6	0.1	3,048	2,354	579	114
Plains	3.3	3.3	3.3	3.5	3.3	2.0	0.7	0.6	11,610	7,033	2,377	2,200
Iowa	1.1	0.6	2.6	1.4	1.1	0.4	0.5	0.3	542	187	229	126
Kansas	5.0	5.9	2.9	4.1	5.0	3.7	0.6	0.7	2,255	1,670	256	328
Minnesota	3.9	4.4	3.4	3.1	3.9	2.7	0.7	0.5	3,949	2,716	702	531
Missouri	3.5	2.5	3.5	6.6	3.5	1.5	0.7	1.4	3,251	1,341	662	1,249
Nebraska	4.2	5.4	3.6	0.4	4.2	3.3	0.8	0.1	1,357	1,085	253	19
North Dakota	0.8	-0.8	4.5	1.5	0.8	-0.5	1.0	0.2	108	-69	145	32
South Dakota	0.9	1.1	3.5	-3.2	0.9	0.6	0.8	-0.5	148	103	130	-84
Southeast	3.8	5.1	3.8	-0.1	3.8	3.0	0.8	0.0	49,694	39,190	10,669	-165
Alabama	2.3	2.8	3.3	0.3	2.3	1.6	0.6	0.1	1,533	1,092	390	51
Arkansas	0.4	-0.2	3.2	-0.6	0.4	-0.1	0.7	-0.1	186	-51	295	-59
Florida	4.7	7.1	4.4	-1.3	4.7	3.7	1.2	-0.3	17,462	13,795	4,669	-1,002
Georgia	3.4	3.6	3.8	2.1	3.4	2.3	0.7	0.4	5,306	3,585	1,114	606
Kentucky	5.8	5.9	2.8	7.4	5.8	3.4	0.5	1.9	3,418	2,038	277	1,102
Louisiana	3.8	4.6	3.0	2.5	3.8	2.7	0.5	0.6	2,420	1,692	344	384
Mississippi	2.3	1.7	2.9	3.1	2.3	1.0	0.5	0.8	794	341	163	291
North Carolina	3.4	4.8	3.6	-1.0	3.4	2.9	0.7	-0.2	5,414	4,685	1,052	-323
South Carolina	1.4	5.8	4.0	-10.7	1.4	3.2	0.8	-2.6	1,034	2,393	590	-1,949
Tennessee	4.2	5.2	4.3	0.9	4.2	3.4	0.6	0.2	4,438	3,569	682	186
Virginia	4.5	5.7	3.1	1.7	4.5	3.6	0.6	0.3	6,894	5,534	925	435
West Virginia	3.5	4.3	4.4	1.7	3.5	2.3	0.7	0.5	796	517	168	111
Southwest	3.9	4.9	4.9	-0.8	3.9	3.0	1.0	-0.2	26,265	20,746	6,561	-1,042
Arizona	4.7	5.3	4.5	3.0	4.7	3.1	0.9	0.6	5,151	3,447	992	713
New Mexico	3.0	4.7	3.3	-0.7	3.0	2.6	0.6	-0.2	841	721	171	-51
Oklahoma	1.7	0.6	4.0	2.6	1.7	0.4	0.8	0.6	967	204	439	324
Texas	4.0	5.3	5.2	-2.6	4.0	3.4	1.0	-0.4	19,305	16,374	4,959	-2,028
Rocky Mountain	3.8	4.2	4.5	0.9	3.8	2.6	1.1	0.1	8,451	5,802	2,356	293
Colorado	4.0	3.8	4.6	3.5	4.0	2.4	1.1	0.5	4,445	2,730	1,185	529
Idaho	1.8	3.6	4.9	-7.3	1.8	2.1	1.1	-1.4	507	592	318	-403
Montana	4.0	4.0	4.3	3.5	4.0	2.2	1.2	0.7	705	383	203	118
Utah	4.5	5.1	4.5	1.2	4.5	3.3	1.0	0.2	2,308	1,712	510	85
Wyoming	4.4	7.0	3.7	-2.1	4.4	3.5	1.3	-0.3	487	384	139	-37
Far West	4.8	6.1	3.5	1.4	4.8	3.9	0.7	0.2	51,211	41,276	7,492	2,443
Alaska	4.4	5.4	2.8	2.7	4.4	3.4	0.5	0.5	555	424	66	64
California	4.7	6.0	3.4	1.1	4.7	3.9	0.7	0.2	35,963	29,376	5,224	1,363
Hawaii	3.1	4.7	3.3	-2.3	3.1	2.8	0.7	-0.4	700	644	155	-98
Nevada	5.1	7.0	4.3	0.1	5.1	4.1	1.0	0.0	2,558	2,030	519	8
Oregon	5.5	6.2	3.3	5.5	5.5	3.7	0.6	1.1	3,702	2,508	428	766
Washington	5.2	6.5	3.5	1.5	5.2	4.2	0.7	0.2	7,734	6,294	1,100	340

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 3. Contributions of Earnings by Industry to Percent Change in Personal Income, by State and Region, 2023:Q1–2023:Q2—Continues

[Percentage points, seasonally adjusted]

	Total earnings ¹	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	3.65	-0.23	0.03	-0.08	0.03	0.27	0.32	-0.02	0.20	0.02	0.16	0.00	0.38
New England	3.93	-0.03	0.04	-0.01	0.07	0.32	0.34	-0.06	0.25	-0.05	0.07	0.02	0.50
Connecticut	2.29	-0.01	0.01	0.00	0.03	-0.04	0.32	-0.13	0.25	0.02	0.11	0.09	0.55
Maine	2.90	-0.06	0.19	0.00	0.02	0.41	0.37	-0.11	0.16	-0.06	-0.07	-0.03	0.27
Massachusetts	5.26	0.01	0.03	-0.02	0.11	0.49	0.34	-0.03	0.25	-0.06	0.09	0.01	0.55
New Hampshire	3.56	-0.05	0.04	0.00	0.02	0.46	0.51	-0.03	0.54	-0.07	0.03	-0.04	0.37
Rhode Island	3.23	0.00	0.02	0.00	0.04	0.18	0.26	0.01	0.11	-0.11	-0.05	-0.01	0.50
Vermont	1.40	-0.64	0.05	-0.01	0.04	0.17	0.27	-0.06	-0.05	-0.09	0.01	-0.03	0.18
Mideast	4.11	-0.16	0.01	-0.04	0.03	0.21	0.19	-0.02	0.20	0.04	0.11	-0.09	0.60
Delaware	2.00	-1.61	-0.04	-0.03	0.04	0.21	-0.01	0.14	-0.06	-0.07	-0.09	-0.02	0.99
District of Columbia	10.86	0.00	0.00	-0.01	0.07	0.12	0.00	0.00	0.04	0.02	-0.21	-0.12	0.42
Maryland	4.05	-0.25	0.00	0.00	-0.19	0.45	0.19	-0.07	0.17	0.03	0.07	0.02	0.22
New Jersey	4.54	0.01	0.00	-0.03	0.03	0.33	0.19	-0.10	0.49	0.03	0.18	0.00	0.38
New York	4.16	-0.12	0.00	-0.06	0.09	0.08	0.12	0.01	0.08	0.03	0.08	-0.23	0.94
Pennsylvania	3.34	-0.25	0.03	-0.04	0.03	0.22	0.33	0.01	0.21	0.06	0.17	0.02	0.39
Great Lakes	3.60	-0.51	0.01	0.00	0.04	0.24	0.56	0.03	0.28	-0.03	0.18	-0.07	0.39
Illinois	3.42	-0.43	0.02	-0.02	0.05	0.28	0.40	-0.07	0.20	-0.04	0.16	-0.08	0.54
Indiana	2.85	-0.87	0.01	0.01	0.03	0.00	0.61	0.06	0.31	-0.01	0.09	0.00	0.38
Michigan	4.26	-0.28	-0.01	0.01	0.06	0.05	0.78	0.09	0.37	0.02	0.18	-0.09	0.25
Ohio	4.06	-0.34	0.03	0.00	0.03	0.41	0.64	0.06	0.18	-0.05	0.30	-0.07	0.35
Wisconsin	2.90	-1.01	0.01	0.00	0.02	0.37	0.37	0.05	0.44	-0.04	0.14	-0.12	0.36
Plains	2.33	-0.49	0.03	-0.07	0.05	0.05	0.39	-0.12	0.22	-0.01	0.15	-0.01	0.34
Iowa	0.47	-1.14	0.04	0.01	0.01	0.06	0.38	-0.33	0.41	-0.02	-0.02	0.04	0.45
Kansas	3.99	1.14	0.08	-0.11	0.03	-0.15	0.25	0.01	0.18	0.00	0.23	0.03	0.40
Minnesota	3.18	-0.75	0.02	0.01	0.06	0.23	0.52	-0.15	0.02	0.01	0.20	0.00	0.30
Missouri	1.70	-0.58	0.01	-0.26	0.05	-0.14	0.42	-0.02	0.31	-0.02	0.11	-0.04	0.31
Nebraska	3.73	0.99	-0.01	-0.01	0.09	-0.12	0.23	-0.14	0.42	-0.06	0.29	-0.04	0.32
North Dakota	0.05	-2.89	0.11	0.33	0.12	0.25	0.12	-0.12	-0.01	-0.08	0.12	-0.02	0.28
South Dakota	0.95	-1.77	-0.01	-0.02	0.03	0.76	0.31	-0.28	0.14	0.01	0.08	-0.01	0.40
Southeast	3.35	-0.49	0.01	0.01	0.03	0.24	0.31	-0.01	0.22	0.03	0.13	-0.02	0.35
Alabama	1.93	-1.43	0.01	0.01	0.09	0.21	0.73	-0.25	0.07	0.06	0.17	-0.01	0.26
Arkansas	0.32	-3.30	0.01	0.00	0.05	0.18	0.33	0.19	0.27	-0.04	0.08	-0.09	0.20
Florida	4.10	0.03	0.00	0.00	-0.01	0.22	0.20	-0.01	0.29	0.06	0.19	-0.01	0.34
Georgia	2.58	-0.76	0.00	0.01	0.05	0.32	0.24	0.01	0.16	0.08	0.06	-0.04	0.44
Kentucky	4.06	-0.36	0.02	0.04	0.03	0.57	0.33	0.23	0.23	0.04	0.39	0.02	0.14
Louisiana	3.01	-0.27	0.01	0.09	0.03	0.26	0.23	-0.15	0.18	0.05	0.02	-0.06	0.30
Mississippi	1.11	-1.95	0.05	-0.01	0.07	0.37	0.40	-0.11	0.09	-0.11	0.11	-0.02	0.24
North Carolina	3.38	-0.72	0.01	0.01	0.06	0.15	0.30	0.01	0.32	0.08	0.15	-0.12	0.44
South Carolina	3.54	-0.34	0.03	0.01	0.08	0.10	0.55	0.00	0.18	0.02	0.16	0.05	0.38
Tennessee	3.79	-0.15	0.00	0.00	0.02	0.33	0.45	-0.04	0.13	-0.05	-0.03	-0.08	0.30
Virginia	3.82	-0.22	0.01	0.00	0.02	0.19	0.26	-0.02	0.12	-0.03	0.12	0.09	0.42
West Virginia	2.33	-0.20	0.03	-0.07	0.05	0.07	0.21	0.06	0.28	-0.01	0.00	0.04	0.14
Southwest	3.46	-0.06	0.00	-0.44	0.06	0.24	0.33	-0.04	0.27	0.06	0.22	0.00	0.43
Arizona	3.42	0.01	0.04	0.05	0.05	0.38	0.29	-0.03	0.14	0.05	0.09	-0.12	0.22
New Mexico	2.93	-0.43	0.00	0.50	0.03	0.43	0.10	0.05	0.02	-0.07	0.14	-0.05	0.15
Oklahoma	0.46	0.13	0.03	-1.87	0.04	0.29	0.25	-0.06	0.03	-0.05	0.33	-0.03	0.22
Texas	3.86	-0.07	-0.01	-0.43	0.07	0.20	0.36	-0.05	0.34	0.08	0.25	0.03	0.52
Rocky Mountain	2.95	-0.08	0.01	-0.54	0.05	0.45	0.27	-0.02	0.03	-0.07	0.09	-0.06	0.21
Colorado	2.75	0.11	0.02	-1.15	0.03	0.50	0.25	-0.10	0.01	-0.03	0.11	-0.11	0.18
Idaho	2.35	-1.10	0.04	0.04	0.03	0.56	0.22	-0.04	0.12	-0.18	0.08	-0.02	0.21
Montana	2.41	0.09	-0.04	-0.08	0.03	0.12	0.13	0.05	0.17	-0.12	0.16	-0.04	0.13
Utah	3.70	-0.09	-0.01	0.02	0.12	0.39	0.42	0.13	-0.01	-0.10	-0.02	-0.01	0.33
Wyoming	3.92	0.55	0.01	0.74	0.12	0.45	0.07	0.00	-0.05	-0.07	0.42	0.00	0.08
Far West	4.30	0.13	0.09	0.01	-0.01	0.40	0.24	0.02	0.10	0.04	0.21	0.15	0.19
Alaska	3.75	0.01	0.27	0.59	0.02	0.22	0.02	0.01	0.10	0.04	0.08	-0.03	0.12
California	4.26	0.16	0.11	0.00	-0.02	0.40	0.32	0.03	0.10	0.06	0.25	0.03	0.17
Hawaii	3.13	0.11	0.04	0.00	0.05	0.24	0.02	0.03	0.06	0.03	0.08	-0.03	0.16
Nevada	4.58	0.02	0.01	0.08	0.06	0.22	0.27	-0.01	0.33	0.03	0.18	-0.08	0.20
Oregon	4.42	0.09	0.12	0.01	0.02	0.76	0.20	0.03	-0.09	-0.09	0.10	0.05	0.21
Washington	4.59	0.03	-0.02	0.00	0.01	0.33	-0.15	-0.04	0.11	-0.02	0.13	0.93	0.32

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 3. Contributions of Earnings by Industry to Percent Change in Personal Income, by State and Region, 2023:Q1–2023:Q2—Table Ends

[Percentage points, seasonally adjusted]

	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	0.04	0.75	0.17	0.07	0.01	0.63	0.05	0.20	0.14	0.17	0.02	0.34
New England	0.01	0.99	0.21	-0.11	-0.02	0.66	0.04	0.22	0.14	0.11	0.00	0.22
Connecticut	-0.02	0.70	-0.10	-0.66	-0.09	0.51	0.16	0.15	0.14	0.08	-0.02	0.24
Maine	0.02	0.32	0.26	0.18	0.06	0.62	-0.06	0.07	0.12	0.24	-0.11	0.10
Massachusetts	0.01	1.43	0.36	0.05	0.01	0.82	0.01	0.30	0.18	0.10	0.01	0.21
New Hampshire	0.03	0.52	0.30	0.28	-0.01	0.36	-0.01	0.07	0.03	0.10	0.07	0.04
Rhode Island	0.02	0.47	0.20	-0.01	-0.13	0.67	0.00	0.26	0.05	0.18	0.00	0.59
Vermont	0.04	0.31	0.07	0.00	0.06	0.32	0.10	0.09	0.08	0.18	0.02	0.29
Midwest	0.03	0.93	0.10	0.07	0.04	0.74	0.11	0.26	0.18	0.24	0.01	0.34
Delaware	0.14	0.48	0.60	0.12	-0.05	0.85	0.12	0.06	0.04	0.08	0.00	0.14
District of Columbia	0.20	3.55	0.15	-0.18	0.10	0.52	0.00	0.64	1.70	3.58	0.09	0.18
Maryland	0.02	1.44	0.12	-0.08	0.02	0.46	-0.04	0.19	0.14	0.69	-0.01	0.45
New Jersey	-0.01	0.90	0.35	0.17	0.07	0.75	0.09	0.30	0.16	0.10	0.02	0.13
New York	0.03	0.77	0.20	0.05	0.10	0.79	0.17	0.26	0.15	0.08	0.01	0.52
Pennsylvania	0.04	0.78	-0.33	0.12	-0.10	0.78	0.12	0.24	0.18	0.15	0.01	0.18
Great Lakes	0.04	0.59	0.11	0.19	-0.03	0.63	0.10	0.15	0.15	0.13	0.04	0.38
Illinois	0.08	0.75	-0.05	0.08	-0.06	0.51	0.06	0.14	0.10	0.11	0.12	0.55
Indiana	0.07	0.31	0.17	0.22	0.01	0.61	0.00	0.23	0.16	0.13	0.01	0.31
Michigan	0.10	0.75	0.22	0.21	-0.05	0.71	0.10	0.04	0.10	0.13	0.00	0.50
Ohio	-0.07	0.48	0.09	0.24	0.00	0.77	0.20	0.20	0.25	0.19	0.01	0.16
Wisconsin	0.03	0.46	0.33	0.24	-0.01	0.50	0.10	0.15	0.15	0.08	0.00	0.28
Plains	-0.01	0.41	0.06	0.03	0.04	0.52	0.02	0.19	0.10	0.14	0.03	0.27
Iowa	0.01	0.23	-0.53	-0.04	-0.04	0.42	0.02	0.15	0.04	0.10	0.00	0.23
Kansas	0.02	0.35	0.29	0.01	-0.05	0.59	-0.05	0.14	0.00	0.20	0.12	0.28
Minnesota	-0.01	0.45	0.52	0.12	0.14	0.70	-0.01	0.18	0.18	0.10	0.01	0.35
Missouri	-0.04	0.54	-0.19	0.00	0.04	0.34	0.08	0.29	0.11	0.17	0.02	0.18
Nebraska	-0.01	0.38	-0.13	-0.01	0.01	0.69	0.04	0.14	0.14	0.16	0.03	0.33
North Dakota	0.04	0.38	0.15	0.00	0.02	0.51	0.05	0.19	0.07	0.17	0.04	0.23
South Dakota	0.03	0.21	0.12	0.00	-0.02	0.33	-0.01	0.05	0.05	0.19	-0.01	0.37
Southeast	0.05	0.70	0.21	0.09	0.01	0.62	0.00	0.22	0.12	0.20	0.04	0.28
Alabama	0.03	0.41	-0.12	0.15	-0.03	0.63	-0.01	0.23	0.14	0.33	-0.03	0.27
Arkansas	0.02	0.45	0.40	-0.11	0.01	0.70	0.12	0.34	0.14	0.13	0.02	0.23
Florida	0.11	0.80	0.19	0.23	0.00	0.67	-0.01	0.28	0.10	0.14	0.01	0.28
Georgia	0.03	0.56	0.33	-0.11	-0.07	0.26	-0.01	0.24	0.14	0.22	0.10	0.30
Kentucky	0.02	0.59	0.13	0.05	0.00	0.73	0.04	0.21	0.18	0.20	-0.10	0.33
Louisiana	0.10	0.53	0.12	0.19	-0.01	0.73	-0.06	0.09	0.12	0.15	0.03	0.33
Mississippi	0.00	0.28	0.11	0.06	-0.02	0.69	0.03	0.17	0.01	0.28	0.06	0.32
North Carolina	0.01	0.81	0.21	0.09	0.06	0.63	0.07	0.10	0.12	0.17	0.12	0.30
South Carolina	0.01	0.45	0.12	0.12	-0.06	0.66	0.02	0.38	0.12	0.16	0.06	0.27
Tennessee	0.02	0.69	0.26	0.00	0.10	0.96	-0.06	0.15	0.16	0.24	0.01	0.39
Virginia	0.04	1.06	0.38	0.02	0.08	0.48	-0.02	0.20	0.10	0.34	0.04	0.15
West Virginia	0.00	0.35	0.11	0.00	0.01	0.34	0.03	0.26	0.15	0.28	0.03	0.17
Southwest	0.06	0.67	0.13	0.13	0.00	0.54	-0.02	0.17	0.14	0.18	0.01	0.38
Arizona	0.12	0.42	0.13	0.03	0.02	0.49	-0.05	0.31	0.04	0.18	0.02	0.53
New Mexico	0.02	0.45	0.05	0.00	0.06	0.43	-0.01	0.07	0.04	0.29	0.02	0.66
Oklahoma	0.00	0.39	-0.61	-0.15	-0.03	0.46	0.05	0.08	0.09	0.32	0.06	0.48
Texas	0.05	0.78	0.22	0.19	0.00	0.56	-0.02	0.16	0.17	0.16	0.00	0.32
Rocky Mountain	0.04	0.93	0.17	-0.10	0.06	0.37	0.16	0.25	0.12	0.16	0.03	0.43
Colorado	0.03	1.22	0.21	-0.15	0.03	0.22	0.29	0.25	0.13	0.16	0.04	0.50
Idaho	-0.03	0.62	0.17	-0.12	0.08	0.79	-0.01	0.19	0.21	0.15	0.01	0.36
Montana	-0.02	0.66	0.03	-0.11	0.07	0.43	0.14	0.18	0.08	0.15	0.06	0.15
Utah	0.12	0.72	0.17	0.00	0.12	0.46	-0.01	0.32	0.09	0.15	0.01	0.39
Wyoming	-0.02	0.22	0.12	-0.07	-0.01	0.33	0.05	0.14	0.06	0.25	0.00	0.53
Far West	0.04	0.82	0.24	0.03	0.01	0.70	0.06	0.16	0.16	0.10	0.02	0.41
Alaska	0.09	0.40	0.08	-0.06	0.01	0.58	0.12	0.30	0.15	0.26	0.22	0.13
California	0.03	0.86	0.16	0.03	-0.01	0.71	0.06	0.15	0.16	0.08	0.02	0.40
Hawaii	-0.02	0.52	0.13	0.15	-0.12	0.26	0.03	0.47	0.17	0.42	-0.09	0.17
Nevada	0.06	0.67	0.29	0.36	-0.01	0.61	0.30	0.27	0.08	0.15	0.01	0.49
Oregon	0.11	0.64	0.42	0.13	0.02	0.70	0.02	0.08	0.21	0.14	0.01	0.53
Washington	0.03	0.82	0.60	-0.14	0.06	0.73	-0.01	0.14	0.15	0.11	0.02	0.44

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Table 4. 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 (2017) dollars					Percent change from preceding period ¹			
	2021 ^f	2022 ^f	Seasonally adjusted at annual rates			2022 ^f	2023		2021 ^f	2022 ^f	Seasonally adjusted at annual rates			2022 ^f	2023		Rank Q2
			2022	2023			2022	2023			2022	2023					
		Q4	Q1	Q2		Q1	Q2			Q4	Q1	Q2		Q1	Q2		
United States	23,594,031	25,744,108	.....	.....	.....	9.1	.....	.....	21,407,692	21,822,037	.....	.....	.....	1.9	.....	.....	.....
New England	1,224,190	1,315,233	.....	.....	.....	7.4	.....	.....	1,116,078	1,140,308	.....	.....	.....	2.2	.....	.....	.....
Connecticut	295,907	319,345	.....	.....	.....	7.9	.....	.....	268,847	276,669	.....	.....	.....	2.9	.....	.....	.....
Maine	78,918	85,801	.....	.....	.....	8.7	.....	.....	70,870	72,414	.....	.....	.....	2.2	.....	.....	.....
Massachusetts	645,434	691,461	.....	.....	.....	7.1	.....	.....	591,911	604,358	.....	.....	.....	2.1	.....	.....	.....
New Hampshire	99,100	105,025	.....	.....	.....	6.0	.....	.....	89,890	90,150	.....	.....	.....	0.3	.....	.....	.....
Rhode Island	67,237	72,771	.....	.....	.....	8.2	.....	.....	60,777	62,191	.....	.....	.....	2.3	.....	.....	.....
Vermont	37,593	40,831	.....	.....	.....	8.6	.....	.....	33,861	34,609	.....	.....	.....	2.2	.....	.....	.....
Mideast	4,133,998	4,450,546	.....	.....	.....	7.7	.....	.....	3,741,298	3,814,224	.....	.....	.....	1.9	.....	.....	.....
Delaware	82,953	90,208	.....	.....	.....	8.7	.....	.....	74,437	75,173	.....	.....	.....	1.0	.....	.....	.....
District of Columbia	156,140	165,061	.....	.....	.....	5.7	.....	.....	142,676	144,030	.....	.....	.....	0.9	.....	.....	.....
Maryland	446,941	480,113	.....	.....	.....	7.4	.....	.....	405,905	412,283	.....	.....	.....	1.6	.....	.....	.....
New Jersey	692,227	754,948	.....	.....	.....	9.1	.....	.....	629,011	646,731	.....	.....	.....	2.8	.....	.....	.....
New York	1,911,346	2,048,403	.....	.....	.....	7.2	.....	.....	1,724,472	1,763,525	.....	.....	.....	2.3	.....	.....	.....
Pennsylvania	844,392	911,813	.....	.....	.....	8.0	.....	.....	764,602	772,336	.....	.....	.....	1.0	.....	.....	.....
Great Lakes	3,072,106	3,340,753	.....	.....	.....	8.7	.....	.....	2,788,919	2,825,277	.....	.....	.....	1.3	.....	.....	.....
Illinois	943,993	1,025,667	.....	.....	.....	8.7	.....	.....	852,749	864,171	.....	.....	.....	1.3	.....	.....	.....
Indiana	422,952	470,324	.....	.....	.....	11.2	.....	.....	384,051	396,009	.....	.....	.....	3.1	.....	.....	.....
Michigan	576,502	622,563	.....	.....	.....	8.0	.....	.....	531,500	539,898	.....	.....	.....	1.6	.....	.....	.....
Ohio	759,626	825,990	.....	.....	.....	8.7	.....	.....	686,206	689,681	.....	.....	.....	0.5	.....	.....	.....
Wisconsin	369,032	396,209	.....	.....	.....	7.4	.....	.....	334,517	335,688	.....	.....	.....	0.4	.....	.....	.....
Plains	1,466,034	1,598,958	.....	.....	.....	9.1	.....	.....	1,320,363	1,335,232	.....	.....	.....	1.1	.....	.....	.....
Iowa	220,818	238,342	.....	.....	.....	7.9	.....	.....	198,471	197,846	.....	.....	.....	-0.3	.....	.....	.....
Kansas	191,832	209,326	.....	.....	.....	9.1	.....	.....	172,840	174,795	.....	.....	.....	1.1	.....	.....	.....
Minnesota	413,063	448,032	.....	.....	.....	8.5	.....	.....	374,733	379,112	.....	.....	.....	1.2	.....	.....	.....
Missouri	365,145	396,890	.....	.....	.....	8.7	.....	.....	330,117	336,626	.....	.....	.....	2.0	.....	.....	.....
Nebraska	149,360	164,934	.....	.....	.....	10.4	.....	.....	133,496	137,078	.....	.....	.....	2.7	.....	.....	.....
North Dakota	63,209	72,651	.....	.....	.....	14.9	.....	.....	55,401	54,799	.....	.....	.....	-1.1	.....	.....	.....
South Dakota	62,607	68,782	.....	.....	.....	9.9	.....	.....	55,140	54,959	.....	.....	.....	-0.3	.....	.....	.....
Southeast	5,103,003	5,604,605	.....	.....	.....	9.8	.....	.....	4,611,710	4,735,643	.....	.....	.....	2.7	.....	.....	.....
Alabama	257,987	281,569	.....	.....	.....	9.1	.....	.....	231,893	235,807	.....	.....	.....	1.7	.....	.....	.....
Arkansas	151,932	165,989	.....	.....	.....	9.3	.....	.....	135,569	137,356	.....	.....	.....	1.3	.....	.....	.....
Florida	1,292,391	1,439,065	.....	.....	.....	11.3	.....	.....	1,164,778	1,218,430	.....	.....	.....	4.6	.....	.....	.....
Georgia	701,606	767,378	.....	.....	.....	9.4	.....	.....	639,236	655,827	.....	.....	.....	2.6	.....	.....	.....
Kentucky	237,926	258,981	.....	.....	.....	8.8	.....	.....	214,565	217,568	.....	.....	.....	1.4	.....	.....	.....
Louisiana	263,163	291,952	.....	.....	.....	10.9	.....	.....	234,014	231,262	.....	.....	.....	-1.2	.....	.....	.....
Mississippi	128,364	139,976	.....	.....	.....	9.0	.....	.....	114,198	114,153	.....	.....	.....	0.0	.....	.....	.....
North Carolina	659,529	715,968	.....	.....	.....	8.6	.....	.....	597,316	609,058	.....	.....	.....	2.0	.....	.....	.....
South Carolina	271,494	297,546	.....	.....	.....	9.6	.....	.....	244,854	250,873	.....	.....	.....	2.5	.....	.....	.....
Tennessee	438,180	485,657	.....	.....	.....	10.8	.....	.....	396,576	412,101	.....	.....	.....	3.9	.....	.....	.....
Virginia	613,920	663,106	.....	.....	.....	8.0	.....	.....	562,888	576,964	.....	.....	.....	2.5	.....	.....	.....
West Virginia	86,510	97,417	.....	.....	.....	12.6	.....	.....	75,521	76,526	.....	.....	.....	1.3	.....	.....	.....
Southwest	2,849,232	3,246,070	.....	.....	.....	13.9	.....	.....	2,557,666	2,620,457	.....	.....	.....	2.5	.....	.....	.....
Arizona	432,280	475,654	.....	.....	.....	10.0	.....	.....	390,805	403,474	.....	.....	.....	3.2	.....	.....	.....
New Mexico	111,731	125,541	.....	.....	.....	12.4	.....	.....	99,572	101,315	.....	.....	.....	1.8	.....	.....	.....
Oklahoma	217,731	242,739	.....	.....	.....	11.5	.....	.....	193,518	191,583	.....	.....	.....	-1.0	.....	.....	.....
Texas	2,087,491	2,402,137	.....	.....	.....	15.1	.....	.....	1,873,473	1,924,007	.....	.....	.....	2.7	.....	.....	.....
Rocky Mountain	880,142	974,683	.....	.....	.....	10.7	.....	.....	794,824	812,969	.....	.....	.....	2.3	.....	.....	.....
Colorado	447,052	491,289	.....	.....	.....	9.9	.....	.....	406,962	416,114	.....	.....	.....	2.2	.....	.....	.....
Idaho	98,793	110,871	.....	.....	.....	12.2	.....	.....	87,993	91,684	.....	.....	.....	4.2	.....	.....	.....
Montana	59,997	67,072	.....	.....	.....	11.8	.....	.....	52,952	53,983	.....	.....	.....	1.9	.....	.....	.....
Utah	232,125	256,370	.....	.....	.....	10.4	.....	.....	209,975	213,898	.....	.....	.....	1.9	.....	.....	.....
Wyoming	42,176	49,081	.....	.....	.....	16.4	.....	.....	36,930	37,294	.....	.....	.....	1.0	.....	.....	.....
Far West	4,732,878	5,066,774	.....	.....	.....	7.1	.....	.....	4,342,903	4,385,658	.....	.....	.....	1.0	.....	.....	.....
Alaska	58,646	65,699	.....	.....	.....	12.0	.....	.....	51,022	50,315	.....	.....	.....	-1.4	.....	.....	.....
California	3,416,939	3,641,643	.....	.....	.....	6.6	.....	.....	3,146,185	3,167,461	.....	.....	.....	0.7	.....	.....	.....
Hawaii	93,090	101,083	.....	.....	.....	8.6	.....	.....	84,122	85,211	.....	.....	.....	1.3	.....	.....	.....
Nevada	200,127	222,939	.....	.....	.....	11.4	.....	.....	181,103	187,226	.....	.....	.....	3.4	.....	.....	.....
Oregon	275,444	297,309	.....	.....	.....	7.9	.....	.....	250,099	254,708	.....	.....	.....	1.8	.....	.....	.....
Washington	688,632	738,101	7.2	630,820	641,144	1.6
Overseas activity²	132,443	146,493	10.6

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- Quarterly percent changes shown are annualized—that is, they are a percent change from the preceding period at annual rates.
- Economic activity taking place outside U.S. borders by the U.S. military and associated federal civilian support staff.

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