

News Release

EMBARGOED UNTIL RELEASE AT 10:00 a.m. EST, Friday, December 23, 2022

BEA 22-66

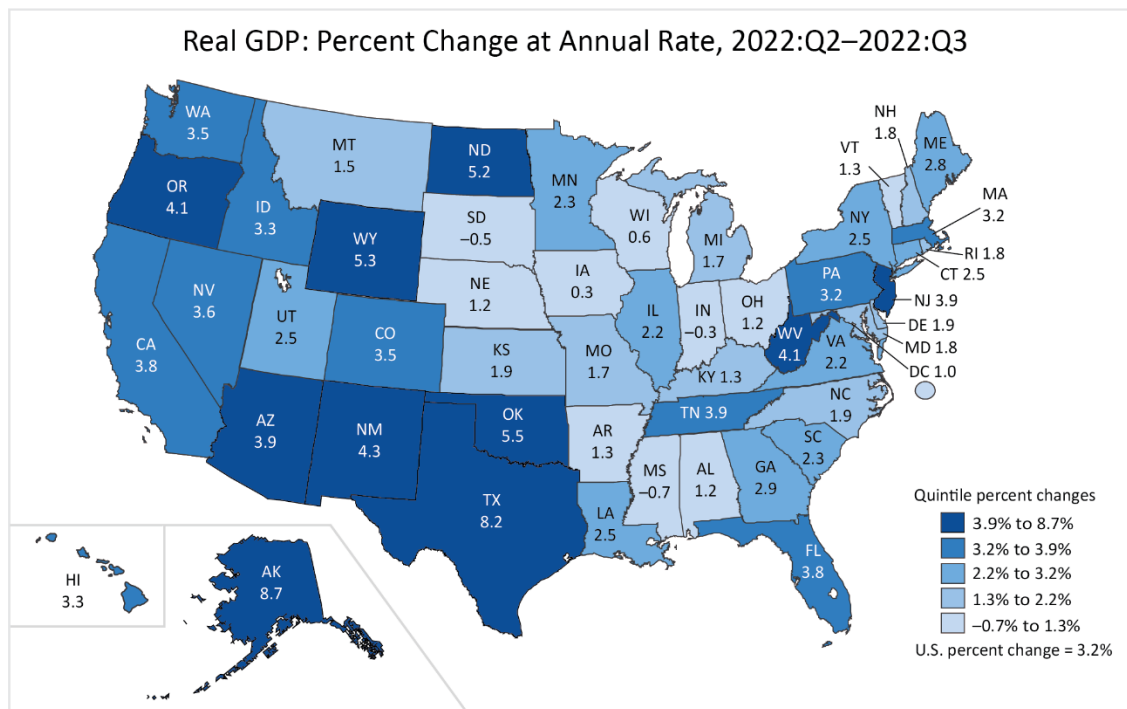
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Gross Domestic Product by State and Personal Income by State, 3rd Quarter 2022

Real gross domestic product (GDP) increased in 47 states and the District of Columbia in the third quarter of 2022, with the percent change in real GDP ranging from 8.7 percent in Alaska to -0.7 percent in Mississippi (table 1), according to statistics released today by the U.S. Bureau of Economic Analysis (BEA).

Current-dollar GDP increased in all 50 states and the District of Columbia in the third quarter, with the percent change ranging from 10.4 percent in Oregon to 2.3 percent in North Dakota.

Personal income increased in all 50 states and the District of Columbia in the third quarter, with the percent change ranging from 14.2 percent in Colorado to 1.4 percent in Kentucky (table 4).



U.S. Bureau of Economic Analysis

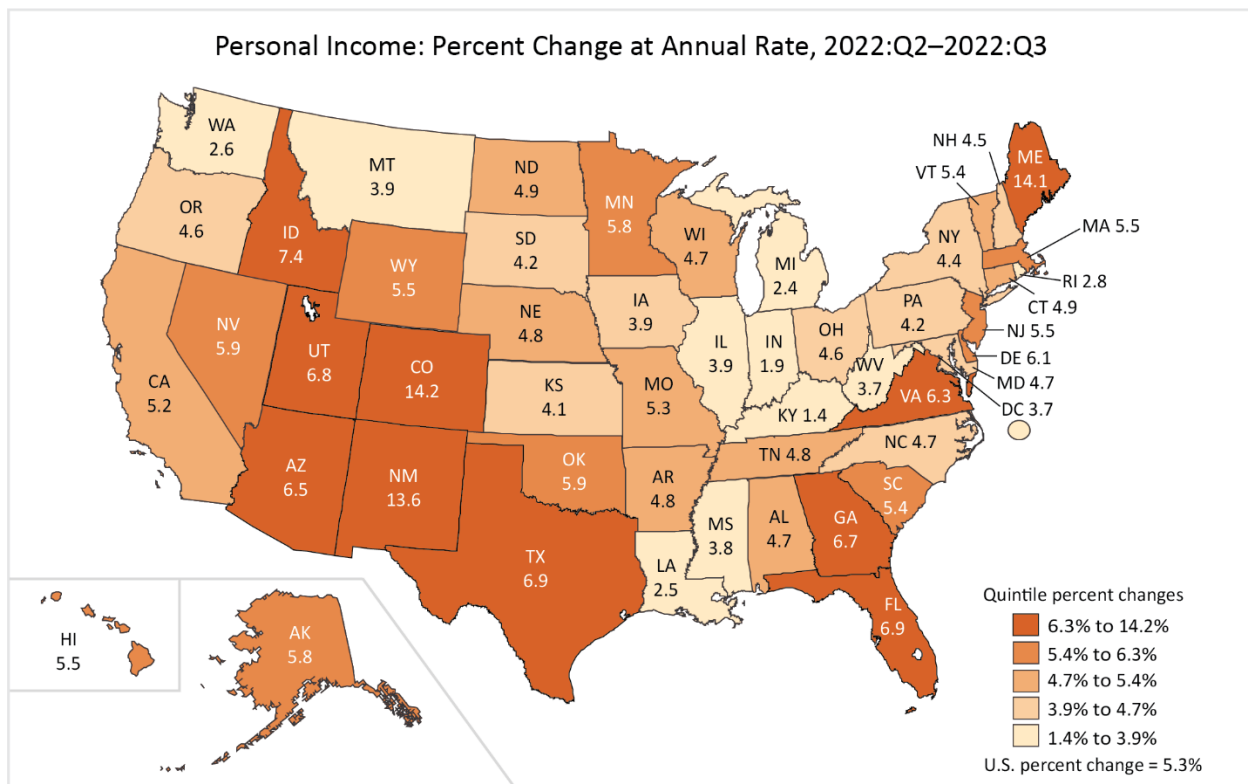
GDP

In the third quarter of 2022, as real GDP for the nation increased at an annual rate of 3.2 percent, real GDP increased in 16 of the 23 industry groups for which BEA prepares quarterly state estimates (table 2). Information services; professional, scientific, and technical services; and mining were the leading contributors to the increase in real GDP nationally.

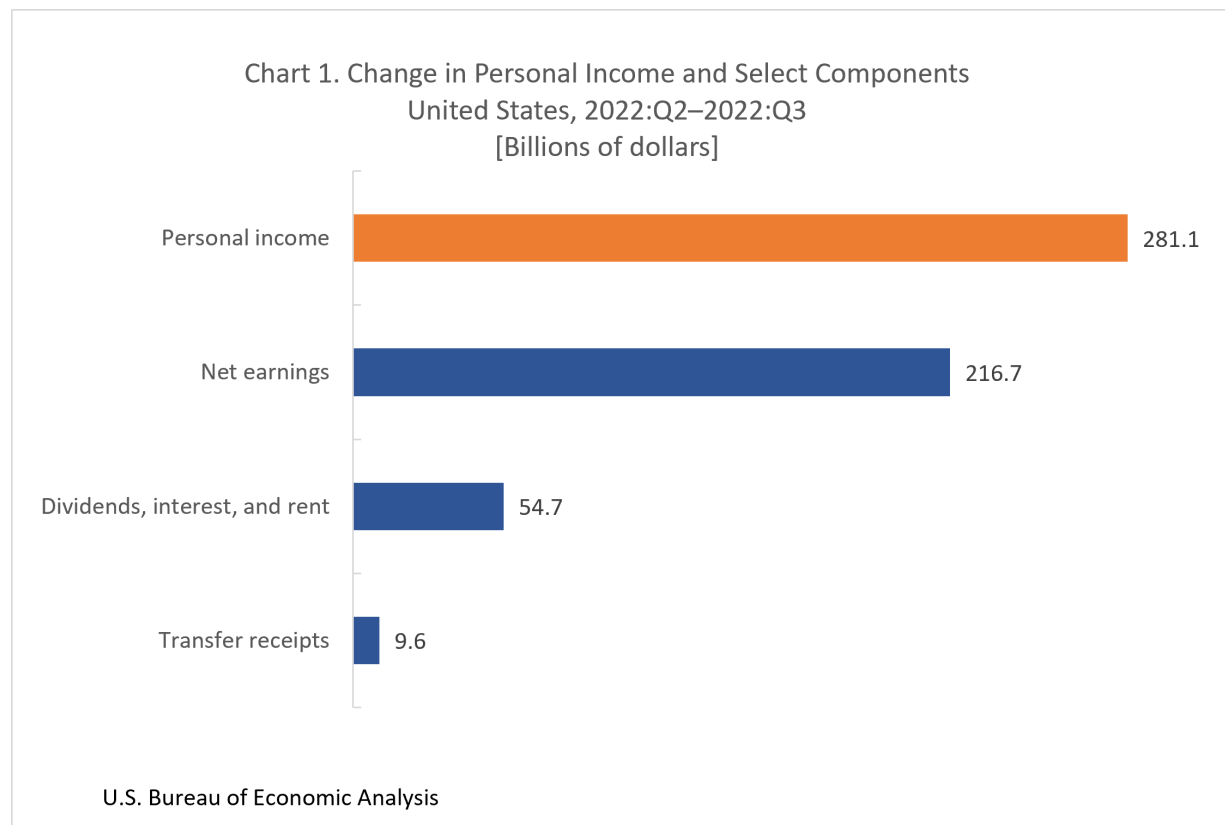
- The mining industry was the leading contributor to the increases in real GDP in Alaska, Texas, Oklahoma, Wyoming, North Dakota, and New Mexico, the six states with the largest increases in real GDP, and in West Virginia, the state with the eighth-largest increase in real GDP.
- The information services industry increased in all 50 states and the District of Columbia (table 3). This industry was the leading contributor to the increase in 14 states.
- Professional, scientific, and technical services increased in 48 states and the District of Columbia and was the leading contributor to the increase in 5 states and the District of Columbia.
- The construction industry was the leading contributor to the decrease in Mississippi and Indiana, two of three states with decreases in real GDP. This industry also moderated increases in real GDP in 47 states and the District of Columbia.

Personal income

In the third quarter of 2022, **state personal income** increased at an annual rate of 5.3 percent across all 50 states and the District of Columbia.



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



Transfer receipts increased in 28 states, increasing 1.0 percent nationally. The percent change in transfer receipts ranged from 79.7 percent in Colorado to –7.9 percent in Kentucky (table 5).

Although transfer receipts had minimal impact nationally, it was the leading contributor to increases in personal income in Colorado, Maine, New Mexico, and Idaho, the states with the largest increases in personal income. Temporary state refundable tax credits in these states and other states resulted in above-average increases in transfer receipts in the third quarter.¹

Earnings increased in all 50 states and the District of Columbia, increasing 6.5 percent nationally. The percent change in earnings ranged from 8.5 percent in Texas to 3.2 percent in Indiana.

Earnings increased in 22 of the 24 industries for which BEA prepares quarterly estimates (table 6). Health care and social assistance; professional, scientific, and technical services; and state and local government were the leading contributors to the overall growth in earnings.

- In Florida, the state with the fifth-largest increase in personal income, the increase in earnings in health care and social assistance was the leading contributor to the increase in personal income in the third quarter (table 5).

¹ See “[How are state refundable tax credits recorded in the National Income and Product Accounts \(NIPAs\)?](#)” on the BEA website.

- In Texas, the state with the sixth-largest increase in personal income, the increase in earnings in professional, scientific, and technical services was the leading contributor.

Property income increased in all 50 states and the District of Columbia, increasing 5.5 percent nationally. The percent change ranged from 8.1 percent in Idaho to 3.0 percent in Kansas (table 4).

Update of state statistics

Today, BEA also released revised quarterly estimates of personal income by state for the first quarter of 2022 through the second quarter of 2022. The updates incorporate new and revised source data that are more complete and more detailed than previously available and to align the states with revised national estimates from the National Income and Product Accounts released on December 22, 2022.

BEA also released new estimates of per capita personal income for the third quarter of 2022, along with revised estimates for the first quarter of 2022 through the second quarter of 2022. BEA used U.S. Census Bureau (Census) population figures to calculate per capita personal income estimates for the second quarter of 2020 through the third quarter of 2022. 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: March 31, 2023, 10:00 a.m. EDT

Gross Domestic Product by State and Personal Income by State, 4th Quarter and Year 2022 (Preliminary)

Additional Information

Resources

- The full economic effects of the COVID–19 pandemic cannot be quantified in these statistics, because the impacts are generally embedded in source data and cannot be separately identified. For more information about COVID–19 impacts, refer to “[Federal Recovery Programs and BEA Statistics](#)” on our website.
- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA’s [email subscription service](#), or following BEA on Twitter [@BEA_News](#).
- Historical time series for these estimates can be accessed in BEA’s [Interactive Data Application](#).
- Access BEA data by registering for BEA’s [Data Application Programming Interface](#).
- For more on BEA’s statistics, see our 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 midquarter 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.

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 decisionmaking. 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

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Table 5. Personal Income Change by Component, by State and Region, 2022:Q2–2022:Q3

Table 6. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022:Q2–2022:Q3

Table 7. Change in Earnings, by Industry and by State and Region, 2022:Q2–2022:Q3

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			
	Seasonally adjusted at annual rates			2021				Seasonally adjusted at annual rates							
	2021	2022			2021	2022		2021	2022		2021	2022			
		Q1	Q2			Q3 ^a	Q2		Q3 ^a	Q1		Q2	Q3 ^a	Q2	Q3 ^a	Rank Q3
United States	23,315,081	24,740,480	25,248,476	25,723,941	10.7	8.5	7.7	19,609,812	19,924,088	19,895,271	20,054,663	5.9	-0.6	3.2	.....
New England	1,221,039	1,286,078	1,295,723	1,321,189	9.5	3.0	8.1	1,011,338	1,031,578	1,024,371	1,031,315	6.3	-2.8	2.7	.....
Connecticut	298,395	317,333	317,907	323,825	8.0	0.7	7.7	246,556	254,011	250,985	252,526	4.8	-4.7	2.5	26
Maine	77,963	82,352	83,514	85,187	10.2	5.8	8.3	63,595	64,602	64,400	64,844	6.2	-1.2	2.8	22
Massachusetts	641,332	673,976	679,122	693,131	9.6	3.1	8.5	533,102	543,417	539,881	544,117	6.6	-2.6	3.2	20
New Hampshire	99,673	103,235	104,172	106,049	12.8	3.7	7.4	82,986	83,076	82,558	82,937	9.3	-2.5	1.8	34
Rhode Island	66,571	69,643	70,759	72,055	9.5	6.6	7.5	54,606	55,218	55,295	55,542	6.0	0.6	1.8	36
Vermont	37,104	39,539	40,249	40,943	9.1	7.4	7.1	30,547	31,310	31,298	31,401	5.1	-0.2	1.3	42
Mideast	4,107,499	4,336,992	4,401,027	4,481,038	9.1	6.0	7.5	3,354,244	3,423,724	3,422,591	3,445,767	5.2	-0.1	2.7	.....
Delaware	81,160	85,163	86,673	88,147	7.0	7.3	7.0	64,405	65,345	65,544	65,846	3.4	1.2	1.9	33
District of Columbia	153,670	159,775	160,728	163,150	6.2	2.4	6.2	126,983	129,192	128,908	129,224	3.7	-0.9	1.0	.....
Maryland	443,930	459,380	465,635	474,424	8.0	5.6	7.8	368,571	368,400	367,554	369,231	4.6	-0.9	1.8	35
New Jersey	682,946	726,277	737,654	753,042	10.1	6.4	8.6	566,893	579,620	578,198	583,732	5.9	-1.0	3.9	10
New York	1,901,297	2,008,813	2,034,912	2,070,558	9.2	5.3	7.2	1,514,779	1,556,072	1,558,885	1,568,540	5.7	0.7	2.5	25
Pennsylvania	844,496	897,583	915,424	931,717	9.4	8.2	7.3	710,973	723,032	721,324	727,016	4.4	-0.9	3.2	19
Great Lakes	3,056,083	3,255,114	3,308,326	3,361,436	10.1	6.7	6.6	2,543,643	2,596,259	2,582,849	2,591,224	6.1	-2.1	1.3	.....
Illinois	945,674	1,009,986	1,024,019	1,041,663	10.4	5.7	7.1	780,061	799,253	794,219	798,476	6.2	-2.5	2.2	30
Indiana	412,975	444,654	452,422	458,796	10.5	7.2	5.8	346,241	355,007	352,022	351,780	5.8	-3.3	-0.3	48
Michigan	572,206	605,464	615,408	626,680	10.0	6.7	7.5	481,778	490,748	488,661	490,720	7.4	-1.7	1.7	38
Ohio	756,617	802,978	817,627	829,594	10.6	7.5	6.0	629,287	639,199	637,361	639,224	5.9	-1.1	1.2	45
Wisconsin	368,611	392,031	398,850	404,704	8.2	7.1	6.0	306,467	312,366	310,910	311,356	4.6	-1.9	0.6	46
Plains	1,450,801	1,537,981	1,571,795	1,597,269	9.4	9.1	6.6	1,209,836	1,220,619	1,215,719	1,220,892	4.3	-1.6	1.7	.....
Iowa	216,860	224,775	230,104	233,468	10.1	9.8	6.0	179,753	177,421	177,060	177,199	5.1	-0.8	0.3	47
Kansas	191,381	205,051	209,272	212,742	7.8	8.5	6.8	162,291	165,266	164,226	164,997	2.5	-2.5	1.9	32
Minnesota	412,459	434,830	442,528	450,743	9.5	7.3	7.6	346,204	349,908	348,770	350,741	5.4	-1.3	2.3	27
Missouri	358,572	380,399	386,397	392,935	8.6	6.5	6.9	295,687	300,810	299,284	300,583	4.6	-2.0	1.7	37
Nebraska	146,285	157,030	161,260	163,886	8.7	11.2	6.7	122,136	124,031	123,486	123,850	3.4	-1.7	1.2	44
North Dakota	63,560	69,933	74,745	75,169	16.8	30.5	2.3	53,804	52,832	52,741	53,416	0.3	-0.7	5.2	5
South Dakota	61,685	65,964	67,489	68,327	10.8	9.6	5.1	49,558	50,132	49,922	49,864	4.5	-1.7	-0.5	49
Southeast	5,022,473	5,352,881	5,461,187	5,565,912	10.9	8.3	7.9	4,158,107	4,247,986	4,245,003	4,272,823	6.5	-0.3	2.6	.....
Alabama	254,110	269,436	275,396	280,220	10.1	9.1	7.2	209,979	212,790	212,312	212,946	5.1	-0.9	1.2	43
Arkansas	148,676	160,870	163,779	166,488	11.0	7.4	6.8	123,347	126,804	125,831	126,248	5.2	-3.0	1.3	41
Florida	1,255,558	1,344,330	1,371,468	1,403,241	12.4	8.3	9.6	1,029,576	1,060,437	1,064,563	1,074,425	8.4	1.6	3.8	13
Georgia	691,627	734,843	747,535	762,096	10.6	7.1	8.0	575,292	588,636	587,663	591,869	7.0	-0.7	2.9	21
Kentucky	237,182	253,191	258,293	262,439	9.4	8.3	6.6	197,818	201,437	200,547	201,214	5.0	-1.8	1.3	40
Louisiana	258,571	272,699	281,047	284,650	11.2	12.8	5.2	221,153	217,427	215,769	217,109	1.3	-3.0	2.5	23
Mississippi	127,308	134,849	138,156	139,867	10.6	10.2	5.0	104,353	104,743	104,455	104,277	3.8	-1.1	-0.7	50
North Carolina	662,121	709,209	723,163	735,924	10.6	8.1	7.2	541,934	557,783	556,844	559,516	7.0	-0.7	1.9	31
South Carolina	269,802	287,065	292,932	298,961	10.0	8.4	8.5	221,045	225,761	225,457	226,716	6.2	-0.5	2.3	28
Tennessee	427,125	461,010	469,938	480,050	12.7	8.0	8.9	352,461	364,843	365,145	368,614	9.0	0.3	3.9	11
Virginia	604,958	633,881	642,755	654,573	8.6	5.7	7.6	505,351	511,784	510,602	513,355	5.5	-0.9	2.2	29
West Virginia	85,434	91,498	96,724	97,404	11.6	24.9	2.8	71,343	70,878	71,130	71,840	1.3	1.4	4.1	8
Southwest	2,796,714	3,043,846	3,172,719	3,234,615	13.6	18.0	8.0	2,452,810	2,486,173	2,491,512	2,535,497	3.8	0.9	7.3	.....
Arizona	420,027	446,397	453,602	463,654	9.9	6.6	9.2	347,656	355,309	353,566	356,966	6.3	-1.9	3.9	9
New Mexico	109,583	118,292	122,359	123,819	10.9	14.5	4.9	93,625	94,307	93,750	94,739	1.2	-2.3	4.3	6
Oklahoma	215,336	231,584	242,303	244,906	13.3	19.8	4.4	193,230	190,164	189,412	191,961	0.4	-1.6	5.5	3
Texas	2,051,769	2,247,573	2,354,455	2,402,237	14.6	20.4	8.4	1,815,064	1,843,354	1,851,812	1,888,869	3.9	1.8	8.2	2
Rocky Mountain	858,193	927,214	947,898	964,606	11.7	9.2	7.2	727,705	747,354	744,141	749,987	5.8	-1.7	3.2	.....
Colorado	436,359	471,814	480,828	489,340	11.5	7.9	7.3	373,763	384,985	383,060	386,375	5.8	-2.0	3.5	16
Idaho	96,283	105,799	108,438	110,781	12.1	10.4	8.9	80,094	83,600	83,427	84,114	6.6	-0.8	3.3	17
Montana	58,700	63,044	64,757	65,736	12.1	11.3	6.2	48,976	49,718	49,586	49,773	4.8	-1.1	1.5	39
Utah	225,340	240,864	245,831	250,412	11.5	8.5	7.7	186,910	191,284	190,744	191,926	6.8	-1.1	2.5	24
Wyoming	41,510	45,693	48,044	48,336	14.3	22.2	2.5	36,400	36,341	35,900	36,370	0.4	-4.8	5.3	4
Far West	4,665,853	4,857,961	4,944,818	5,050,871	11.4	7.3	8.9	3,963,354	3,970,172	3,966,830	4,004,556	7.4	-0.3	3.9	.....
Alaska	57,349	60,944	64,257	65,130	13.6	23.6	5.6	50,869	49,070	48,963	49,999	0.3	-0.9	8.7	1
California	3,373,241	3,497,724	3,558,512	3,634,821	11.7	7.1	8.9	2,874,731	2,870,411	2,866,766	2,893,948	7.8	-0.5	3.8	12
Hawaii	91,096	95,279	96,979	99,352	10.4	7.3	10.2	74,547	74,973	75,084	75,695	6.3	0.6	3.3	18
Nevada	194,487	208,429	213,410	218,188	12.7	9.9	9.3	159,567	163,894	164,287	165,742	8.9	1.0	3.6	14
Oregon	272,191	290,177	294,325	301,689	9.8	5.8	10.4	227,979	233,503	232,588	234,942	5.7	-1.6	4.1	7
Washington	677,489	705,408	717,336	731,691	10.5	6.9	8.2	575,129	577,715	578,520	583,581	6.7	0.6	3.5	15
Overseas activity ²	137,241	142,414	144,985	147,004	0.5	7.4	5.7	.....	.....	.....	.....	.....	.....	.....	.....

p Preliminary

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

2. Economic activity taking place outside U.S. borders by the U.S. military and associated federal civilian support staff.

U.S. Bureau of Economic Analysis

Table 2. Contributions to Percent Change in Real Gross Domestic Product, by State and Region, 2022:Q2–2022:Q3—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	3.2	-0.02	0.50	-0.31	-0.77	-0.03	0.08	0.38	0.39	0.33	0.88	-0.21	
New England	2.7	0.06	0.01	-0.38	-0.70	-0.07	0.22	0.20	0.33	0.23	0.95	-0.36	
Connecticut	2.5	0.02	0.01	-0.31	-0.59	-0.12	0.65	0.41	0.38	0.34	0.98	-0.66	
Maine	2.8	0.25	0.00	-0.26	-0.66	-0.05	-0.10	0.03	0.58	0.21	0.43	-0.25	
Massachusetts	3.2	0.07	0.00	-0.42	-0.75	-0.07	0.15	0.10	0.25	0.22	1.17	-0.26	
New Hampshire	1.8	0.09	0.03	-0.38	-0.71	0.01	-0.13	0.44	0.40	0.05	0.41	-0.38	
Rhode Island	1.8	0.08	0.03	-0.32	-0.70	-0.04	-0.03	0.10	0.34	0.18	0.42	-0.14	
Vermont	1.3	-0.21	0.11	-0.42	-0.69	-0.14	-0.05	0.18	0.47	0.16	0.48	-0.15	
Mideast	2.7	-0.02	0.08	-0.33	-0.77	-0.05	0.16	0.34	0.28	0.34	0.87	-0.41	
Delaware	1.9	-0.16	0.00	-0.27	-0.72	0.09	0.02	0.22	0.35	0.32	0.20	-0.46	
District of Columbia	1.0	0.00	0.00	-0.30	-0.23	-0.01	0.00	0.00	0.11	0.12	1.08	-0.49	
Maryland	1.8	-0.03	0.01	-0.34	-1.13	0.01	-0.09	0.20	0.33	0.21	0.57	-0.24	
New Jersey	3.9	0.03	0.01	-0.37	-0.75	-0.01	0.65	0.83	0.45	0.46	0.47	-0.18	
New York	2.5	-0.03	0.00	-0.35	-0.74	-0.08	-0.03	0.22	0.17	0.26	1.25	-0.64	
Pennsylvania	3.2	-0.02	0.38	-0.25	-0.74	-0.05	0.35	0.37	0.39	0.55	0.53	-0.15	
Great Lakes	1.3	-0.25	0.08	-0.34	-0.72	-0.17	-0.07	0.33	0.38	0.33	0.52	-0.16	
Illinois	2.2	-0.23	0.02	-0.37	-0.63	0.08	0.02	0.28	0.36	0.39	0.56	-0.12	
Indiana	-0.3	-0.33	0.04	-0.29	-0.92	-0.65	-0.41	0.47	0.36	0.32	0.25	-0.02	
Michigan	1.7	-0.17	0.12	-0.46	-0.72	-0.21	0.09	0.53	0.34	0.24	0.62	-0.08	
Ohio	1.2	-0.12	0.17	-0.30	-0.75	-0.17	-0.02	0.21	0.41	0.32	0.48	-0.32	
Wisconsin	0.6	-0.59	0.04	-0.23	-0.65	-0.20	-0.29	0.24	0.41	0.33	0.64	-0.24	
Plains	1.7	-0.34	0.31	-0.31	-0.75	-0.01	0.10	0.56	0.36	0.31	0.45	-0.31	
Iowa	0.3	-0.43	0.03	-0.36	-0.92	-0.01	0.21	0.47	0.37	0.22	0.22	-0.26	
Kansas	1.9	0.34	0.15	-0.29	-0.76	-0.03	0.56	0.39	0.45	0.30	0.18	-0.24	
Minnesota	2.3	-0.44	0.07	-0.28	-0.76	0.01	-0.01	0.80	0.35	0.28	0.48	-0.32	
Missouri	1.7	-0.23	0.09	-0.26	-0.74	0.00	-0.06	0.44	0.33	0.29	0.65	-0.23	
Nebraska	1.2	-0.37	0.04	-0.46	-0.72	-0.01	-0.08	0.69	0.19	0.47	0.78	-0.38	
North Dakota	5.2	-1.05	4.98	-0.33	-0.35	-0.12	0.22	0.26	0.39	0.60	0.24	-0.32	
South Dakota	-0.5	-1.25	0.10	-0.29	-0.55	-0.12	0.16	0.53	0.56	0.18	0.18	-0.89	
Southeast	2.6	-0.04	0.15	-0.34	-0.88	-0.05	-0.06	0.42	0.43	0.32	0.71	-0.09	
Alabama	1.2	-0.04	0.16	-0.45	-0.75	-0.22	-0.19	0.31	0.45	0.25	0.40	-0.10	
Arkansas	1.3	-0.37	0.04	-0.45	-0.82	-0.03	-0.17	0.49	0.44	0.32	0.46	0.05	
Florida	3.8	-0.12	0.02	-0.35	-0.95	0.08	-0.07	0.58	0.51	0.39	0.75	-0.02	
Georgia	2.9	0.02	0.05	-0.33	-0.99	0.01	-0.01	0.41	0.32	0.31	1.10	-0.02	
Kentucky	1.3	0.01	0.10	-0.32	-0.84	-0.34	-0.20	0.28	0.45	0.45	0.38	-0.15	
Louisiana	2.5	0.02	0.50	-0.41	-1.30	0.13	0.20	0.76	0.42	0.32	0.42	-0.18	
Mississippi	-0.7	-0.20	0.14	-0.46	-0.63	-0.46	-0.21	0.28	0.42	0.26	0.27	-0.18	
North Carolina	1.9	0.01	0.04	-0.42	-0.75	-0.11	-0.24	0.32	0.38	0.24	0.73	-0.19	
South Carolina	2.3	0.00	0.06	-0.38	-1.00	-0.21	-0.17	0.26	0.47	0.27	0.49	-0.12	
Tennessee	3.9	-0.02	0.08	-0.14	-0.77	0.00	0.04	0.48	0.58	0.43	0.58	-0.10	
Virginia	2.2	0.00	0.04	-0.26	-0.79	-0.07	0.11	0.26	0.34	0.27	0.99	-0.22	
West Virginia	4.1	0.18	4.11	-0.45	-0.28	-0.20	0.08	0.15	0.16	0.08	0.11	0.05	
Southwest	7.3	0.07	3.01	-0.28	-0.71	0.16	0.63	0.58	0.42	0.42	0.85	-0.15	
Arizona	3.9	-0.05	0.38	-0.33	-0.80	0.54	0.06	0.36	0.42	0.33	0.61	-0.32	
New Mexico	4.3	-0.12	2.80	-0.26	-0.54	0.03	0.21	0.00	0.37	0.15	0.30	-0.10	
Oklahoma	5.5	0.18	2.66	-0.26	-0.60	-0.04	0.25	0.61	0.98	1.20	0.04	0.13	
Texas	8.2	0.10	3.58	-0.27	-0.72	0.12	0.81	0.66	0.36	0.37	1.01	-0.15	
Rocky Mountain	3.2	0.10	0.56	-0.31	-1.03	-0.05	0.08	0.11	0.52	0.36	1.02	-0.36	
Colorado	3.5	0.12	0.58	-0.24	-1.07	-0.13	0.31	-0.12	0.27	0.27	1.18	-0.35	
Idaho	3.3	-0.30	0.08	-0.29	-1.04	0.39	0.10	0.24	0.82	0.40	0.50	-0.22	
Montana	1.5	0.43	0.40	-0.38	-1.20	0.01	-0.05	0.13	0.56	0.15	0.37	-0.12	
Utah	2.5	0.05	0.14	-0.38	-0.90	-0.11	-0.21	0.49	0.91	0.39	1.26	-0.57	
Wyoming	5.3	0.67	3.83	-0.59	-1.09	-0.01	-0.57	0.19	0.29	1.28	0.19	-0.14	
Far West	3.9	0.15	0.13	-0.26	-0.71	-0.01	-0.10	0.31	0.42	0.34	1.46	-0.17	
Alaska	8.7	0.14	6.39	-0.20	-0.57	0.04	-0.14	0.00	0.60	1.33	0.38	-0.02	
California	3.8	0.15	0.06	-0.29	-0.69	-0.17	-0.15	0.32	0.36	0.31	1.79	-0.18	
Hawaii	3.3	0.07	0.01	-0.34	-1.12	-0.01	0.05	-0.17	0.83	0.72	0.51	-0.32	
Nevada	3.6	-0.03	0.26	-0.19	-0.91	0.26	0.03	0.07	0.49	0.73	0.25	0.12	
Oregon	4.1	0.25	0.02	-0.29	-0.71	0.01	0.05	0.39	0.65	0.22	0.57	-0.27	
Washington	3.5	0.23	0.00	-0.13	-0.72	0.70	0.04	0.40	0.51	0.26	0.72	-0.15	

Table 2. Contributions to Percent Change in Real Gross Domestic Product, by State and Region, 2022:Q2–2022:Q3—Table Ends

	[Seasonally adjusted at annual rates]											
	Percentage points										Government	
	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)	Federal civilian	Military	State and local
United States	0.43	0.59	0.08	0.05	0.06	0.39	0.25	0.04	0.05	-0.02	-0.03	0.13
New England	0.35	0.81	0.09	0.06	0.16	0.43	0.29	-0.04	0.05	-0.02	-0.12	0.18
Connecticut	0.02	0.51	0.09	0.03	0.15	0.37	0.30	-0.04	0.04	-0.02	-0.19	0.12
Maine	0.49	0.31	0.20	0.20	0.02	0.44	0.35	-0.05	0.14	0.06	0.04	0.39
Massachusetts	0.52	1.07	0.08	0.07	0.18	0.48	0.25	0.01	0.04	-0.05	-0.11	0.18
New Hampshire	0.27	0.77	0.07	0.01	0.15	0.18	0.55	-0.31	0.05	0.05	0.10	0.13
Rhode Island	0.27	0.47	0.04	-0.03	0.28	0.59	0.14	-0.05	-0.02	-0.03	-0.10	0.32
Vermont	0.22	0.50	0.03	0.03	0.17	0.53	0.39	-0.11	0.09	0.02	-0.50	0.22
Mideast	0.24	0.67	0.06	0.12	0.10	0.40	0.35	0.23	0.02	-0.05	-0.02	0.10
Delaware	1.09	0.48	0.08	0.01	0.03	0.37	0.07	0.02	0.03	0.03	-0.06	0.10
District of Columbia	0.26	1.29	0.01	0.08	0.02	0.18	0.16	0.13	0.33	-1.78	0.03	-0.02
Maryland	0.21	0.75	0.05	0.06	0.02	0.37	0.23	0.04	0.05	0.15	0.20	0.22
New Jersey	0.36	0.95	0.10	-0.01	0.13	0.41	0.14	-0.03	0.07	0.03	-0.01	0.16
New York	0.22	0.58	0.01	0.21	0.10	0.37	0.54	0.50	-0.04	-0.02	-0.07	0.07
Pennsylvania	0.12	0.54	0.18	0.06	0.12	0.52	0.20	-0.03	0.04	0.00	-0.01	0.09
Great Lakes	0.07	0.51	0.08	-0.02	0.02	0.36	0.20	-0.03	0.04	-0.02	0.00	0.17
Illinois	-0.01	0.74	0.07	0.02	0.04	0.33	0.27	0.03	0.04	-0.01	0.14	0.15
Indiana	0.14	0.27	0.05	-0.12	-0.01	0.39	0.19	-0.10	0.08	-0.04	-0.04	0.11
Michigan	0.07	0.58	0.07	0.01	0.05	0.28	0.21	0.00	0.05	-0.03	-0.07	0.17
Ohio	0.12	0.31	0.11	-0.05	0.00	0.45	0.19	-0.07	0.03	-0.02	0.00	0.20
Wisconsin	0.10	0.47	0.14	0.00	-0.01	0.38	0.02	-0.07	0.04	-0.04	-0.16	0.25
Plains	0.15	0.37	0.09	0.02	0.03	0.39	0.15	-0.01	0.05	-0.06	-0.01	0.18
Iowa	0.02	0.13	-0.02	-0.05	0.05	0.25	0.24	-0.04	0.02	-0.03	-0.04	0.26
Kansas	-0.01	0.27	0.04	-0.06	0.03	0.36	0.05	-0.02	0.06	-0.08	0.01	0.18
Minnesota	0.32	0.59	0.18	0.05	0.05	0.56	0.15	0.03	0.05	-0.03	-0.03	0.17
Missouri	0.08	0.50	0.11	0.03	0.02	0.43	0.16	-0.02	0.07	-0.08	-0.02	0.18
Nebraska	0.26	0.20	0.08	0.06	0.01	0.22	0.13	-0.02	0.01	-0.08	0.04	0.11
North Dakota	0.20	0.05	0.03	0.24	0.01	-0.06	0.05	-0.04	0.02	-0.04	0.00	0.25
South Dakota	0.06	0.17	0.03	0.01	-0.01	0.50	0.11	-0.05	0.11	-0.04	0.04	0.01
Southeast	0.59	0.55	0.09	0.04	0.05	0.44	0.17	-0.02	0.07	0.02	-0.06	0.15
Alabama	0.33	0.50	0.03	-0.02	0.04	0.38	0.06	-0.03	0.08	-0.01	-0.15	0.18
Arkansas	0.08	0.24	0.32	0.02	0.06	0.51	0.05	0.02	0.04	-0.04	-0.02	0.10
Florida	1.16	0.66	0.09	0.01	0.08	0.57	0.10	0.05	0.14	-0.02	0.00	0.10
Georgia	0.78	0.57	0.08	-0.01	0.02	0.32	0.06	0.00	0.03	0.01	-0.04	0.20
Kentucky	0.15	0.23	0.05	0.19	0.03	0.56	0.07	-0.02	0.04	0.00	0.00	0.20
Louisiana	0.26	0.52	0.03	-0.07	0.18	0.50	0.03	0.06	0.08	-0.04	-0.09	0.18
Mississippi	-0.03	0.11	0.06	-0.04	0.02	0.22	0.02	-0.16	0.04	-0.09	-0.17	0.12
North Carolina	0.31	0.63	0.11	0.10	0.05	0.42	0.15	-0.03	0.05	0.01	-0.02	0.15
South Carolina	0.65	0.45	0.04	0.06	0.04	0.35	0.11	0.02	0.09	-0.02	0.65	0.13
Tennessee	0.68	0.42	0.08	0.03	0.06	0.37	0.92	-0.05	0.07	-0.01	-0.01	0.12
Virginia	0.11	0.75	0.08	0.08	0.02	0.44	0.16	-0.16	0.02	0.23	-0.48	0.23
West Virginia	0.03	-0.01	0.07	0.45	0.02	0.33	0.18	-0.07	0.00	-0.08	-0.71	-0.17
Southwest	0.72	0.53	0.13	0.08	0.05	0.41	0.16	0.07	0.07	0.00	-0.01	0.03
Arizona	0.69	0.77	0.13	0.03	0.01	0.83	0.27	-0.07	-0.01	-0.05	-0.07	0.21
New Mexico	0.32	0.35	0.01	0.01	0.11	0.45	0.16	-0.12	-0.05	-0.09	0.20	0.12
Oklahoma	0.21	-0.02	0.06	-0.13	0.05	-0.06	0.18	-0.16	0.02	-0.01	0.12	0.07
Texas	0.80	0.54	0.15	0.11	0.06	0.37	0.13	0.13	0.10	0.01	-0.02	-0.01
Rocky Mountain	0.70	0.75	0.11	-0.05	0.05	0.37	0.28	-0.21	0.01	-0.03	-0.07	0.27
Colorado	0.71	1.04	0.18	0.02	0.02	0.39	0.35	-0.32	0.06	-0.02	-0.09	0.37
Idaho	1.18	0.53	0.07	-0.07	0.08	0.45	0.22	-0.14	-0.07	0.02	0.01	0.39
Montana	0.29	0.50	0.01	-0.01	0.04	0.59	0.22	-0.14	0.05	-0.26	-0.07	0.00
Utah	0.66	0.46	0.02	-0.19	0.09	0.25	0.22	-0.07	-0.08	0.00	-0.07	0.11
Wyoming	0.29	0.25	0.04	-0.08	0.09	0.23	0.15	-0.09	0.14	0.00	0.00	0.27
Far West	0.57	0.69	0.07	0.03	0.06	0.32	0.37	0.08	0.06	-0.05	-0.01	0.12
Alaska	0.22	0.30	0.02	0.13	0.01	0.30	0.31	-0.04	0.18	-0.18	-0.23	-0.24
California	0.47	0.78	0.07	0.05	0.07	0.34	0.39	-0.01	0.07	-0.05	0.00	0.15
Hawaii	0.67	0.23	0.05	0.37	0.03	0.28	0.28	0.95	0.03	0.08	-0.26	0.38
Nevada	1.31	0.60	-0.05	-0.21	0.03	0.38	0.93	-0.47	-0.06	-0.02	0.02	0.04
Oregon	0.87	0.54	0.15	-0.01	0.05	0.34	0.29	0.31	0.12	-0.06	-0.04	0.67
Washington	0.76	0.41	0.06	-0.02	0.04	0.17	0.17	0.44	0.00	-0.05	-0.03	-0.27

Table 3. Change in Real Gross Domestic Product, by Industry and by State and Region, 2022:Q2–2022:Q3—Continues

	[Millions of dollars]											
	Gross domestic product by industry											
	Total GDP	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	159,392	-880	22,547	-12,023	-28,890	-1,661	3,869	17,075	17,590	14,005	62,939	-9,532
New England	6,945	134	31	-737	-1,348	-213	495	463	774	497	3,488	-822
Connecticut	1,541	13	5	-150	-279	-81	358	233	222	173	897	-386
Maine	445	34	0	-33	-82	-9	-15	4	88	28	102	-39
Massachusetts	4,236	74	7	-434	-762	-108	176	117	309	257	2,226	-298
New Hampshire	379	17	6	-59	-110	3	-25	83	75	8	120	-76
Rhode Island	247	9	4	-35	-74	-6	-4	13	44	21	85	-19
Vermont	103	-15	9	-26	-41	-12	-4	13	35	10	55	-11
Mideast	23,176	-146	597	-2,201	-5,013	-463	1,261	2,728	2,233	2,573	10,996	-2,944
Delaware	302	-24	0	-35	-93	18	3	34	56	46	50	-69
District of Columbia	316	0	0	-73	-54	-2	1	1	34	33	498	-136
Maryland	1,676	-23	7	-239	-785	16	-76	169	277	165	777	-207
New Jersey	5,535	39	18	-420	-824	-24	861	1,096	609	560	989	-238
New York	9,655	-99	5	-1,083	-2,250	-369	-99	817	615	945	7,247	-2,036
Pennsylvania	5,691	-38	550	-350	-1,007	-101	581	611	642	827	1,406	-250
Great Lakes	8,376	-1,407	446	-1,718	-3,537	-1,224	-456	1,985	2,273	1,804	4,909	-993
Illinois	4,256	-401	38	-579	-962	162	46	524	677	687	1,624	-224
Indiana	-243	-254	38	-196	-621	-650	-336	386	299	231	331	-18
Michigan	2,059	-182	145	-431	-656	-301	97	591	388	247	1,094	-89
Ohio	1,863	-163	228	-373	-912	-291	-33	312	613	430	1,127	-470
Wisconsin	446	-407	30	-139	-385	-161	-217	172	296	211	732	-187
Plains	5,173	-913	824	-732	-1,745	-46	285	1,586	1,022	786	2,027	-900
Iowa	139	-169	14	-124	-312	-3	87	195	155	82	145	-121
Kansas	771	124	65	-93	-237	-13	236	147	173	102	109	-95
Minnesota	1,971	-334	61	-186	-500	7	-8	636	286	210	608	-261
Missouri	1,299	-151	70	-150	-428	0	-43	308	231	180	715	-152
Nebraska	364	-104	13	-113	-173	-2	-24	201	55	125	357	-122
North Dakota	675	-135	532	-37	-39	-17	30	35	52	68	50	-43
South Dakota	-57	-144	14	-30	-55	-16	21	64	69	19	36	-98
Southeast	27,820	-393	1,479	-2,834	-7,133	-565	-648	4,145	4,272	2,851	11,178	-912
Alabama	635	-21	93	-189	-308	-131	-98	152	225	106	321	-47
Arkansas	417	-103	15	-111	-199	-10	-54	145	131	82	217	15
Florida	9,862	-284	64	-729	-1,950	232	-180	1,431	1,267	877	2,962	-42
Georgia	4,206	21	70	-370	-1,099	16	-15	548	431	407	2,375	-23
Kentucky	667	4	49	-123	-321	-196	-102	132	212	177	288	-72
Louisiana	1,341	9	243	-175	-544	69	115	384	214	135	335	-96
Mississippi	-178	-48	35	-96	-130	-128	-53	70	107	55	110	-44
North Carolina	2,672	9	55	-455	-811	-177	-316	416	508	286	1,512	-223
South Carolina	1,259	1	32	-170	-434	-133	-94	136	252	126	415	-64
Tennessee	3,469	-13	76	-97	-539	-4	38	404	493	306	781	-86
Virginia	2,753	-3	45	-250	-759	-86	130	303	403	296	1,816	-237
West Virginia	710	28	702	-66	-40	-39	13	25	28	12	31	9
Southwest	43,985	383	16,723	-1,362	-3,415	1,109	3,806	3,238	2,359	2,138	7,617	-911
Arizona	3,400	-40	331	-225	-543	550	46	292	343	258	790	-257
New Mexico	989	-27	564	-49	-99	9	49	-1	81	30	103	-23
Oklahoma	2,549	74	1,130	-98	-218	-18	130	261	420	444	28	56
Texas	37,058	376	14,498	-991	-2,555	590	3,559	2,687	1,515	1,397	6,696	-682
Rocky Mountain	5,846	164	968	-448	-1,455	-99	144	190	899	574	2,745	-595
Colorado	3,315	96	499	-177	-766	-137	273	-106	236	226	1,613	-295
Idaho	687	-57	17	-48	-167	89	21	47	162	69	155	-44
Montana	187	49	47	-37	-115	1	-7	15	67	16	70	-14
Utah	1,182	19	72	-143	-328	-56	-101	218	410	164	877	-228
Wyoming	470	54	312	-43	-78	-1	-53	16	25	98	27	-12
Far West	37,727	1,319	1,353	-1,990	-5,243	-132	-950	2,734	3,758	2,794	20,019	-1,420
Alaska	1,036	14	757	-20	-55	4	-17	0	69	128	71	-3
California	27,182	903	396	-1,584	-3,652	-1,440	-1,040	2,018	2,337	1,851	17,776	-1,070
Hawaii	611	12	1	-50	-161	-2	9	-29	147	134	144	-60
Nevada	1,455	-10	107	-62	-289	119	12	28	190	280	151	46
Oregon	2,354	124	12	-131	-315	4	29	207	346	105	467	-145
Washington	5,062	275	3	-142	-770	1,037	61	509	669	316	1,430	-194

Table 3. Change in Real Gross Domestic Product, by Industry and by State and Region, 2022:Q2–2022:Q3—Table Ends

	[Millions of dollars]											
	Gross domestic product 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)	Federal civilian	Military	State and local
United States	21,295	33,907	5,883	2,299	3,029	20,376	12,327	1,912	2,252	-1,237	-1,453	6,083
New England	887	2,407	315	143	409	1,158	739	-78	103	-59	-304	439
Connecticut	10	368	83	21	89	244	185	-19	20	-11	-120	69
Maine	80	59	46	33	4	75	57	-7	21	10	7	61
Massachusetts	685	1,672	153	90	235	668	337	17	49	-67	-156	226
New Hampshire	56	188	21	2	30	39	108	-55	10	10	21	24
Rhode Island	38	75	9	-5	39	86	19	-6	-3	-4	-14	42
Vermont	17	47	4	3	13	44	31	-8	6	2	-41	16
Mideast	2,062	6,519	776	1,057	832	3,674	3,024	1,732	151	-487	-146	836
Delaware	192	88	20	3	5	67	12	3	5	6	-10	16
District of Columbia	82	432	5	25	6	58	51	35	94	-582	11	-6
Maryland	194	818	64	60	18	366	202	31	39	138	187	192
New Jersey	513	1,590	197	-12	188	635	198	-42	86	49	-12	211
New York	870	2,531	39	870	403	1,559	2,212	1,755	-140	-98	-308	274
Pennsylvania	214	1,087	452	113	213	990	364	-42	66	0	-13	149
Great Lakes	458	3,765	773	-133	123	2,505	1,271	-189	262	-167	25	1,060
Illinois	-25	1,668	187	48	76	704	539	45	73	-23	288	288
Indiana	124	277	57	-113	-12	369	169	-78	62	-41	-40	94
Michigan	90	813	122	8	63	357	254	-4	51	-32	-84	189
Ohio	189	579	247	-75	1	760	297	-103	50	-40	-7	302
Wisconsin	80	421	161	-1	-5	314	12	-46	26	-32	-132	188
Plains	455	1,342	412	76	93	1,272	447	-30	134	-178	-39	518
Iowa	7	68	-11	-22	23	119	105	-16	9	-14	-20	110
Kansas	-4	133	22	-26	14	159	20	-9	23	-35	3	68
Minnesota	272	593	228	44	42	516	134	22	36	-26	-24	141
Missouri	59	439	123	26	13	342	125	-10	47	-66	-18	130
Nebraska	81	74	38	18	2	76	42	-6	4	-25	14	33
North Dakota	29	9	7	35	2	-10	7	-6	2	-7	0	34
South Dakota	8	25	5	1	-2	70	14	-5	13	-5	6	2
Southeast	6,263	6,793	1,299	460	564	5,095	1,819	-161	681	176	-679	1,489
Alabama	181	315	27	-10	20	222	32	-14	37	-4	-84	94
Arkansas	26	89	146	6	18	174	16	6	10	-14	-5	30
Florida	3,114	1,980	338	14	218	1,645	274	121	328	-54	3	245
Georgia	1,152	964	175	-9	24	512	95	-5	38	10	-61	282
Kentucky	76	133	38	96	15	304	34	-10	20	1	1	97
Louisiana	143	313	22	-36	94	291	16	28	40	-23	-50	92
Mississippi	-9	34	23	-11	7	64	4	-38	10	-25	-47	30
North Carolina	441	1,045	231	149	65	636	211	-33	69	11	-34	203
South Carolina	374	296	30	37	23	220	59	12	49	-11	386	72
Tennessee	622	445	99	30	50	363	867	-37	55	-5	-14	100
Virginia	143	1,153	152	109	27	600	206	-177	25	305	-634	273
West Virginia	6	-1	19	85	4	66	32	-11	0	-15	-139	-30
Southwest	4,389	3,682	1,137	481	316	2,675	943	347	373	-1	-45	194
Arizona	609	799	162	29	6	789	237	-58	-11	-44	-64	173
New Mexico	75	94	3	3	26	114	38	-25	-12	-22	48	26
Oklahoma	99	-10	36	-62	24	-33	82	-67	9	-3	56	33
Texas	3,609	2,807	936	510	260	1,807	586	497	387	68	-85	-37
Rocky Mountain	1,294	1,651	278	-103	94	732	512	-344	18	-54	-130	479
Colorado	662	1,161	236	16	20	396	323	-266	49	-24	-89	328
Idaho	248	129	20	-15	16	102	45	-26	-14	3	3	77
Montana	38	74	2	-2	6	79	27	-16	6	-34	-9	-1
Utah	318	262	15	-94	45	132	104	-28	-35	1	-34	51
Wyoming	27	26	5	-7	8	23	13	-7	12	0	0	23
Far West	5,507	7,777	892	317	597	3,287	3,591	640	532	-465	-136	1,070
Alaska	27	42	4	16	1	39	37	-5	20	-24	-31	-29
California	3,239	6,377	659	356	493	2,559	2,713	-39	466	-334	4	1,016
Hawaii	128	49	15	71	5	57	52	166	6	15	-52	67
Nevada	553	282	-28	-92	10	172	385	-185	-21	-7	7	16
Oregon	498	360	125	-7	31	209	167	154	63	-37	-25	361
Washington	1,064	665	118	-27	57	253	236	536	-1	-78	-39	-361

Table 4. Personal Income by State and Region: Level and Percent Change from Preceding Period

	Millions of dollars				Percent change from preceding period ¹				
	2021	Seasonally adjusted at annual rates			2021	2022			2022 Rank Q3
		Q1 ^r	Q2 ^r	Q3 ^p		Q1 ^r	Q2 ^r	Q3 ^p	
United States	21,288,709	21,317,802	21,575,362	21,856,480	7.5	3.1	4.9	5.3	--
New England	1,177,024	1,180,201	1,188,311	1,204,747	6.4	3.2	2.8	5.6	--
Connecticut	300,323	305,408	304,586	308,260	6.3	7.6	-1.1	4.9	25
Maine	80,254	80,355	81,693	84,424	7.3	3.8	6.8	14.1	2
Massachusetts	584,291	582,749	586,300	594,147	6.1	2.8	2.5	5.5	19
New Hampshire	101,674	101,914	103,686	104,831	7.7	-6.0	7.1	4.5	35
Rhode Island	70,531	69,741	71,286	71,786	7.3	0.7	9.2	2.8	45
Vermont	39,949	40,033	40,759	41,299	4.9	6.5	7.5	5.4	21
Mideast	3,626,371	3,611,188	3,640,805	3,682,119	6.1	3.1	3.3	4.6	--
Delaware	60,134	60,666	61,687	62,605	7.6	5.3	6.9	6.1	11
District of Columbia	64,645	63,978	64,375	64,962	4.4	0.6	2.5	3.7	--
Maryland	430,429	428,496	430,384	435,341	6.2	2.1	1.8	4.7	31
New Jersey	713,721	716,396	724,267	733,986	7.6	5.1	4.5	5.5	18
New York	1,524,129	1,513,716	1,520,267	1,536,763	5.6	2.8	1.7	4.4	36
Pennsylvania	833,314	827,937	839,824	848,461	5.7	2.6	5.9	4.2	37
Great Lakes	2,825,996	2,820,054	2,848,831	2,874,109	6.8	4.7	4.1	3.6	--
Illinois	852,082	852,648	858,799	867,026	7.3	4.4	2.9	3.9	42
Indiana	384,520	388,245	391,300	393,136	8.5	7.2	3.2	1.9	49
Michigan	567,807	560,221	567,091	570,512	5.6	5.1	5.0	2.4	48
Ohio	670,036	666,352	675,559	683,200	6.1	3.6	5.6	4.6	34
Wisconsin	351,551	352,588	356,082	360,235	6.7	3.9	4.0	4.7	29
Plains	1,302,891	1,305,407	1,324,640	1,340,855	6.5	6.7	6.0	5.0	--
Iowa	182,525	183,796	186,777	188,594	7.4	11.6	6.6	3.9	40
Kansas	172,918	173,275	173,836	175,586	5.2	4.9	1.3	4.1	39
Minnesota	378,285	378,182	384,641	390,115	6.5	4.9	7.0	5.8	14
Missouri	341,254	340,423	345,265	349,766	6.4	5.1	5.8	5.3	22
Nebraska	120,188	121,426	123,524	124,970	6.7	9.3	7.1	4.8	27
North Dakota	50,003	49,890	51,010	51,625	5.5	9.6	9.3	4.9	24
South Dakota	57,718	58,416	59,588	60,199	7.6	10.0	8.3	4.2	38
Southeast	4,899,060	4,930,483	5,001,853	5,069,117	8.4	3.8	5.9	5.5	--
Alabama	250,829	250,483	254,302	257,232	8.1	2.9	6.2	4.7	30
Arkansas	153,186	154,279	154,356	156,159	7.8	9.2	0.2	4.8	28
Florida	1,356,319	1,367,954	1,395,330	1,418,857	9.8	1.6	8.2	6.9	5
Georgia	602,464	605,852	619,826	629,936	8.0	4.4	9.6	6.7	8
Kentucky	231,180	230,974	232,828	233,657	8.0	3.8	3.3	1.4	50
Louisiana	250,701	245,261	249,323	250,895	6.1	-1.7	6.8	2.5	47
Mississippi	135,347	133,388	134,451	135,706	7.2	3.2	3.2	3.8	43
North Carolina	592,695	604,848	606,836	613,818	9.2	8.3	1.3	4.7	32
South Carolina	272,340	273,454	278,612	282,317	8.1	4.5	7.8	5.4	20
Tennessee	394,520	401,186	406,276	411,105	8.9	7.3	5.2	4.8	26
Virginia	573,028	577,070	582,906	591,829	6.7	3.0	4.1	6.3	10
West Virginia	86,452	85,734	86,806	87,606	6.8	0.9	5.1	3.7	44
Southwest	2,492,633	2,528,809	2,578,408	2,622,585	8.4	4.2	8.1	7.0	--
Arizona	403,739	405,518	412,896	419,445	7.5	1.4	7.5	6.5	9
New Mexico	106,451	105,399	107,160	110,623	7.5	0.8	6.9	13.6	3
Oklahoma	214,761	215,289	219,110	222,289	7.3	1.0	7.3	5.9	13
Texas	1,767,682	1,802,603	1,839,241	1,870,228	8.8	5.4	8.4	6.9	6
Rocky Mountain	800,698	818,170	831,042	851,755	8.6	5.7	6.4	10.3	--
Colorado	410,948	421,830	427,777	442,225	8.7	5.9	5.8	14.2	1
Idaho	99,550	102,359	103,972	105,850	8.9	9.4	6.5	7.4	4
Montana	62,887	63,414	64,315	64,933	7.0	6.5	5.8	3.9	41
Utah	186,991	189,704	193,953	197,170	9.1	2.9	9.3	6.8	7
Wyoming	40,323	40,864	41,024	41,578	6.2	6.3	1.6	5.5	16
Far West	4,164,036	4,123,489	4,161,473	4,211,194	7.8	-1.2	3.7	4.9	--
Alaska	48,219	48,673	50,324	51,040	4.9	6.0	14.3	5.8	15
California	3,006,184	2,964,788	2,982,593	3,020,896	7.7	-2.5	2.4	5.2	23
Hawaii	87,858	85,811	86,743	87,908	5.7	-0.6	4.4	5.5	17
Nevada	189,308	188,618	193,009	195,809	9.7	0.3	9.6	5.9	12
Oregon	261,547	261,884	264,598	267,597	8.2	3.9	4.2	4.6	33
Washington	570,921	573,716	584,206	587,943	8.2	2.2	7.5	2.6	46

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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.

U.S. Bureau of Economic Analysis

Table 5. Personal Income Change by Component, by State and Region, 2022:Q2–2022:Q3

	Percent change ¹				Percent change in personal income	Contribution to percent change in personal income			Dollar change (millions)			
	Personal income	Net earnings ²	Dividends, interest, and rent	Transfer receipts		(percentage points)			Personal income	Net earnings ²	Dividends, interest, and rent	Transfer receipts
						Net earnings ²	Dividends, interest, and rent	Transfer receipts				
United States	5.3	6.5	5.5	1.0	5.3	4.1	1.0	0.2	281,118	216,744	54,730	9,644
New England	5.6	6.4	5.0	3.3	5.6	4.2	1.0	0.5	16,436	12,147	2,788	1,501
Connecticut	4.9	6.1	4.3	0.5	4.9	4.0	0.9	0.1	3,674	2,970	648	56
Maine	14.1	7.0	5.3	42.7	14.1	4.2	1.0	8.8	2,731	824	190	1,717
Massachusetts	5.5	6.8	5.6	-0.8	5.5	4.5	1.1	-0.1	7,846	6,498	1,524	-176
New Hampshire	4.5	6.0	4.8	-2.3	4.5	4.1	0.8	-0.4	1,145	1,034	204	-92
Rhode Island	2.8	4.5	4.3	-3.3	2.8	2.8	0.7	-0.7	501	492	128	-119
Vermont	5.4	5.5	4.5	5.9	5.4	3.3	0.9	1.2	539	329	94	116
Mideast	4.6	6.6	4.5	-2.2	4.6	4.2	0.8	-0.4	41,314	37,577	7,278	-3,542
Delaware	6.1	5.4	6.8	7.3	6.1	3.2	1.3	1.6	918	485	190	243
District of Columbia	3.7	4.1	5.3	-0.3	3.7	2.8	1.0	0.0	588	442	152	-6
Maryland	4.7	5.8	4.0	0.9	4.7	3.8	0.7	0.1	4,956	4,041	771	144
New Jersey	5.5	7.2	4.8	-1.4	5.5	4.9	0.8	-0.2	9,719	8,648	1,453	-382
New York	4.4	6.5	4.5	-2.9	4.4	4.1	0.9	-0.5	16,496	15,177	3,266	-1,946
Pennsylvania	4.2	6.9	4.2	-3.6	4.2	4.2	0.7	-0.8	8,637	8,785	1,447	-1,595
Great Lakes	3.6	5.5	4.1	-2.8	3.6	3.4	0.7	-0.5	25,278	24,144	4,994	-3,860
Illinois	3.9	6.2	4.1	-5.0	3.9	3.9	0.8	-0.8	8,227	8,357	1,665	-1,795
Indiana	1.9	3.2	4.0	-3.5	1.9	2.0	0.6	-0.7	1,836	1,990	568	-721
Michigan	2.4	5.7	3.3	-6.8	2.4	3.5	0.6	-1.6	3,421	4,848	780	-2,207
Ohio	4.6	6.0	4.5	0.6	4.6	3.7	0.8	0.1	7,641	6,149	1,268	223
Wisconsin	4.7	5.1	4.4	3.9	4.7	3.2	0.8	0.7	4,153	2,800	713	640
Plains	5.0	6.1	4.3	1.7	5.0	3.9	0.8	0.3	16,214	12,563	2,637	1,014
Iowa	3.9	5.3	3.4	0.0	3.9	3.4	0.6	0.0	1,817	1,542	278	-4
Kansas	4.1	5.8	3.0	-1.0	4.1	3.7	0.6	-0.2	1,750	1,585	239	-74
Minnesota	5.8	6.9	4.9	2.9	5.8	4.4	0.9	0.5	5,474	4,137	863	475
Missouri	5.3	6.4	4.1	3.1	5.3	3.9	0.8	0.6	4,500	3,308	645	548
Nebraska	4.8	5.8	5.0	0.6	4.8	3.7	1.0	0.1	1,447	1,113	301	33
North Dakota	4.9	5.5	5.1	2.0	4.9	3.5	1.1	0.3	615	440	138	37
South Dakota	4.2	4.8	5.6	-0.1	4.2	3.0	1.2	0.0	612	439	175	-2
Southeast	5.5	6.4	6.0	2.3	5.5	3.8	1.2	0.5	67,263	46,598	14,914	5,751
Alabama	4.7	6.3	4.7	0.8	4.7	3.7	0.8	0.2	2,929	2,320	497	113
Arkansas	4.8	5.7	4.2	3.0	4.8	3.1	0.9	0.7	1,803	1,194	330	279
Florida	6.9	6.8	7.6	6.3	6.9	3.6	2.1	1.2	23,527	12,255	7,103	4,169
Georgia	6.7	6.3	6.2	8.6	6.7	4.1	1.1	1.5	10,110	6,173	1,673	2,264
Kentucky	1.4	5.2	3.9	-7.9	1.4	3.0	0.6	-2.1	829	1,725	347	-1,243
Louisiana	2.5	6.5	3.6	-6.9	2.5	3.7	0.6	-1.8	1,572	2,279	382	-1,089
Mississippi	3.8	4.4	3.2	2.8	3.8	2.6	0.5	0.7	1,255	851	160	244
North Carolina	4.7	6.6	4.8	-1.3	4.7	4.1	0.8	-0.3	6,982	6,174	1,207	-399
South Carolina	5.4	7.0	6.4	0.6	5.4	4.1	1.2	0.1	3,705	2,791	813	101
Tennessee	4.8	7.0	7.9	-4.3	4.8	4.6	1.1	-0.9	4,829	4,593	1,113	-877
Virginia	6.3	6.1	4.2	9.6	6.3	3.9	0.8	1.5	8,923	5,596	1,161	2,166
West Virginia	3.7	5.6	3.9	0.4	3.7	3.0	0.6	0.1	799	647	128	25
Southwest	7.0	8.2	6.6	3.4	7.0	5.2	1.2	0.6	44,177	32,664	7,663	3,850
Arizona	6.5	7.8	6.7	2.7	6.5	4.7	1.2	0.6	6,549	4,718	1,236	595
New Mexico	13.6	6.1	4.1	37.9	13.6	3.5	0.8	9.3	3,463	891	195	2,377
Oklahoma	5.9	7.1	4.3	4.0	5.9	4.3	0.8	0.8	3,179	2,289	439	450
Texas	6.9	8.5	7.0	0.6	6.9	5.5	1.3	0.1	30,987	24,765	5,793	429
Rocky Mountain	10.3	5.9	7.2	36.9	10.3	3.9	1.6	4.9	20,714	7,723	3,108	9,882
Colorado	14.2	5.4	7.3	79.7	14.2	3.6	1.6	9.0	14,448	3,698	1,616	9,133
Idaho	7.4	6.6	8.1	9.3	7.4	4.1	1.6	1.7	1,877	1,032	413	432
Montana	3.9	5.2	4.9	-1.0	3.9	2.9	1.2	-0.2	618	464	184	-30
Utah	6.8	6.8	7.9	5.1	6.8	4.6	1.6	0.7	3,217	2,168	736	313
Wyoming	5.5	6.7	5.1	2.2	5.5	3.6	1.6	0.3	554	361	159	34
Far West	4.9	6.6	5.8	-2.9	4.9	4.2	1.1	-0.5	49,721	43,327	11,348	-4,954
Alaska	5.8	7.1	4.6	2.9	5.8	4.4	0.8	0.6	716	545	96	75
California	5.2	7.0	5.5	-2.3	5.2	4.6	1.0	-0.4	38,303	33,391	7,580	-2,668
Hawaii	5.5	7.4	5.1	-0.4	5.5	4.6	1.0	-0.1	1,165	970	212	-16
Nevada	5.9	7.5	7.1	-0.7	5.9	4.4	1.6	-0.1	2,801	2,088	775	-63
Oregon	4.6	8.0	6.0	-5.8	4.6	4.8	1.1	-1.3	2,999	3,095	723	-819
Washington	2.6	3.5	6.7	-6.4	2.6	2.2	1.4	-1.0	3,738	3,239	1,962	-1,463

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 6. Contributions of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022:Q2–2022:Q3—Continues

	[Percentage points, seasonally adjusted at annual rates]												
	Earnings by industry												
	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	4.60	0.01	0.04	0.04	-0.01	0.16	0.28	0.19	0.32	0.14	0.13	0.38	0.12
New England	4.50	0.01	0.06	0.00	-0.03	0.10	0.28	0.21	0.22	0.12	0.11	0.40	0.12
Connecticut	3.73	0.01	0.01	0.00	-0.01	0.00	0.30	0.36	0.30	0.15	0.19	0.28	0.06
Maine	4.68	0.05	0.23	0.00	0.01	0.14	0.24	0.16	0.10	0.20	0.08	0.18	0.06
Massachusetts	5.31	0.01	0.06	0.00	-0.05	0.14	0.23	0.18	0.18	0.09	0.11	0.58	0.17
New Hampshire	3.84	0.00	0.07	0.00	-0.02	0.02	0.49	0.04	0.42	0.13	-0.03	0.16	-0.01
Rhode Island	2.36	0.01	0.06	0.00	0.00	0.20	0.23	0.12	0.14	0.10	0.08	0.18	0.19
Vermont	3.66	-0.15	0.07	0.02	-0.01	0.08	0.23	0.13	0.16	0.14	0.06	0.18	0.07
Mideast	4.80	-0.01	0.01	0.01	-0.01	-0.02	0.13	0.21	0.30	0.09	0.20	0.41	0.17
Delaware	3.96	0.03	0.00	0.00	0.01	0.13	0.19	0.20	0.25	0.22	0.21	0.11	0.33
District of Columbia	6.91	0.00	0.00	0.00	-0.06	0.10	0.02	0.06	0.14	0.23	0.95	-0.29	
Maryland	4.09	0.00	0.01	0.00	-0.02	0.11	0.14	0.07	0.19	0.10	0.07	0.21	0.02
New Jersey	4.66	0.02	0.01	0.00	-0.01	-0.03	0.13	0.46	0.53	0.17	0.19	0.19	0.12
New York	5.10	-0.02	0.01	0.00	-0.02	-0.14	0.06	0.07	0.24	0.02	0.17	0.68	0.27
Pennsylvania	4.65	-0.01	0.03	0.03	0.01	0.10	0.26	0.33	0.30	0.14	0.31	0.18	0.13
Great Lakes	3.83	-0.12	0.03	0.01	-0.01	0.12	0.35	0.22	0.32	0.13	0.06	0.24	0.16
Illinois	4.43	-0.13	0.02	0.01	-0.02	0.08	0.24	0.25	0.32	0.13	0.15	0.27	0.24
Indiana	2.20	-0.14	0.05	0.01	0.01	0.08	0.33	0.14	0.40	0.12	-0.29	0.11	0.15
Michigan	3.87	-0.05	-0.01	0.02	-0.03	0.08	0.50	0.23	0.38	0.09	0.07	0.25	0.12
Ohio	4.14	-0.06	0.03	0.01	0.00	0.11	0.36	0.24	0.26	0.15	0.13	0.23	0.11
Wisconsin	3.52	-0.32	0.05	0.01	0.00	0.32	0.41	0.17	0.28	0.15	0.13	0.27	0.10
Plains	4.36	-0.07	0.06	0.04	0.00	0.23	0.38	0.29	0.47	0.12	0.09	0.20	0.09
Iowa	3.69	-0.21	0.11	0.00	-0.01	0.05	0.49	0.46	0.40	0.15	0.04	0.09	0.20
Kansas	3.99	0.23	0.16	0.02	0.00	0.06	0.39	0.53	0.35	0.16	0.07	0.08	0.02
Minnesota	4.97	-0.16	0.01	0.01	0.00	0.25	0.44	0.20	0.65	0.12	0.09	0.23	0.09
Missouri	4.51	-0.05	0.03	0.01	0.01	0.25	0.36	0.18	0.38	0.09	0.08	0.29	0.13
Nebraska	4.08	0.14	0.05	0.01	-0.02	0.27	0.24	0.25	0.54	0.02	0.09	0.35	0.08
North Dakota	4.24	-0.42	0.13	0.73	0.02	0.85	0.14	0.28	0.35	0.19	0.33	0.12	-0.05
South Dakota	3.41	-0.26	0.00	0.03	0.00	0.40	0.20	0.30	0.41	0.24	0.06	0.07	0.00
Southeast	4.26	0.01	0.04	0.02	0.00	0.12	0.24	0.13	0.34	0.14	0.11	0.30	0.16
Alabama	4.09	0.09	0.06	0.02	0.01	0.25	0.35	0.12	0.27	0.14	0.07	0.15	0.12
Arkansas	3.63	-0.03	0.10	0.00	0.01	-0.01	0.28	0.21	0.32	0.12	0.04	0.20	0.17
Florida	4.05	-0.11	0.04	0.00	-0.01	0.20	0.21	-0.03	0.38	0.17	0.13	0.29	0.24
Georgia	4.63	0.07	0.04	0.01	0.00	0.03	0.26	0.20	0.37	0.10	0.10	0.57	0.24
Kentucky	3.52	0.07	0.06	0.04	0.00	-0.36	0.26	0.18	0.22	0.16	0.10	0.15	0.09
Louisiana	4.12	0.02	0.05	0.01	0.00	-0.20	0.27	0.36	0.69	0.11	0.10	0.19	0.03
Mississippi	2.59	0.04	0.09	0.02	0.03	0.11	0.15	0.14	0.21	0.09	0.02	0.09	0.03
North Carolina	4.72	0.11	0.02	0.00	-0.03	0.23	0.24	0.15	0.33	0.16	0.09	0.34	0.17
South Carolina	4.52	0.03	0.02	0.01	0.01	0.09	0.27	0.17	0.23	0.15	0.11	0.20	0.10
Tennessee	5.14	0.00	0.02	0.01	0.00	0.08	0.40	0.23	0.36	0.25	0.15	0.27	0.14
Virginia	4.33	0.01	0.01	0.01	0.01	0.19	0.14	0.15	0.22	0.11	0.11	0.38	0.06
West Virginia	3.18	0.03	0.06	0.46	0.00	0.59	0.09	0.21	0.13	-0.03	-0.05	0.04	0.13
Southwest	5.81	0.08	0.01	0.32	-0.04	0.33	0.40	0.38	0.44	0.18	0.20	0.35	0.12
Arizona	5.28	0.05	-0.06	0.04	0.00	0.40	0.67	0.10	0.31	0.11	0.12	0.28	0.05
New Mexico	3.95	-0.05	0.01	0.37	0.00	0.37	0.14	0.17	0.06	0.12	0.00	0.12	0.05
Oklahoma	4.73	0.23	-0.01	0.15	0.19	0.18	0.24	0.27	0.39	0.69	0.71	0.00	0.23
Texas	6.16	0.08	0.03	0.40	-0.08	0.34	0.37	0.47	0.50	0.14	0.17	0.43	0.13
Rocky Mountain	4.31	0.06	0.02	-0.13	-0.01	0.32	0.23	0.18	0.18	0.29	0.13	0.46	-0.03
Colorado	4.05	0.08	0.02	-0.31	-0.01	0.19	0.11	0.25	0.05	0.06	0.07	0.50	-0.05
Idaho	4.56	-0.19	0.12	0.00	0.00	0.28	0.70	0.24	0.24	0.40	0.18	0.21	0.03
Montana	3.29	0.24	-0.07	0.05	-0.01	0.18	0.13	0.08	0.15	0.27	-0.05	0.14	0.09
Utah	5.14	0.04	0.00	-0.01	-0.03	0.73	0.29	0.07	0.45	0.75	0.21	0.69	-0.05
Wyoming	4.09	0.36	0.02	0.61	-0.05	0.01	0.07	-0.01	0.16	0.08	0.60	0.08	0.02
Far West	4.76	0.11	0.07	0.02	-0.01	0.23	0.33	0.09	0.26	0.15	0.15	0.58	0.06
Alaska	5.01	0.01	0.22	1.15	0.04	0.42	0.07	0.04	0.04	0.38	0.18	0.15	0.06
California	5.11	0.11	0.06	0.00	-0.01	0.19	0.27	0.07	0.26	0.14	0.13	0.90	0.07
Hawaii	5.21	0.07	0.01	0.00	0.03	0.09	0.02	0.07	-0.03	0.39	0.33	0.23	-0.06
Nevada	4.93	0.02	-0.03	0.01	0.02	0.62	0.35	0.08	0.13	0.16	0.42	0.10	0.21
Oregon	5.72	0.16	0.11	0.00	-0.01	0.42	0.46	0.17	0.35	0.37	0.05	0.24	-0.04
Washington	2.40	0.12	0.14	0.00	0.00	0.24	0.68	0.12	0.31	0.08	0.14	-0.68	0.04

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 6. Contribution of Earnings to Percent Change in Personal Income, by Industry and by State and Region, 2022:Q2-2022:Q3—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	-0.12	0.65	0.11	0.18	0.13	0.65	0.16	0.35	0.14	0.06	0.02	0.48
New England	-0.10	0.83	-0.03	0.17	0.28	0.68	0.17	0.27	0.12	0.04	-0.02	0.49
Connecticut	-0.06	0.52	-0.16	0.13	0.23	0.56	0.15	0.22	0.10	0.02	-0.05	0.42
Maine	-0.16	0.32	0.27	0.31	0.09	0.75	0.21	0.33	0.23	0.17	0.05	0.69
Massachusetts	-0.09	1.15	0.16	0.18	0.33	0.77	0.17	0.30	0.12	0.01	-0.01	0.51
New Hampshire	-0.16	0.76	0.11	0.15	0.22	0.39	0.28	0.18	0.14	0.08	0.03	0.37
Rhode Island	-0.16	0.45	-1.51	0.09	0.36	0.77	0.08	0.32	0.05	0.07	0.00	0.55
Vermont	-0.13	0.43	0.05	0.14	0.25	0.75	0.22	0.38	0.16	0.11	-0.29	0.60
Mideast	-0.08	0.74	0.13	0.25	0.20	0.71	0.24	0.47	0.10	0.06	0.01	0.49
Delaware	-0.61	0.62	0.18	0.16	0.07	0.75	0.09	0.32	0.12	0.09	-0.02	0.52
District of Columbia	-0.33	3.00	0.07	0.40	0.37	0.69	0.34	0.96	1.16	-1.42	0.18	0.30
Maryland	-0.17	0.77	0.07	0.18	0.09	0.58	0.14	0.27	0.12	0.42	0.16	0.55
New Jersey	-0.09	0.87	0.16	0.13	0.17	0.63	0.10	0.22	0.14	0.07	0.01	0.47
New York	-0.02	0.69	0.07	0.37	0.23	0.72	0.40	0.77	0.02	0.02	-0.05	0.56
Pennsylvania	-0.09	0.54	0.26	0.16	0.23	0.82	0.14	0.22	0.12	0.06	0.01	0.37
Great Lakes	-0.21	0.55	0.15	0.11	0.07	0.62	0.10	0.25	0.13	0.03	0.03	0.50
Illinois	-0.18	0.81	0.11	0.17	0.11	0.57	0.17	0.30	0.13	0.04	0.16	0.48
Indiana	-0.69	0.28	0.09	0.00	0.03	0.67	0.13	0.17	0.17	0.01	-0.02	0.37
Michigan	-0.26	0.59	0.14	0.13	0.09	0.50	0.16	0.25	0.13	0.03	-0.02	0.45
Ohio	0.00	0.37	0.22	0.08	0.04	0.76	0.13	0.21	0.12	0.04	0.01	0.57
Wisconsin	-0.11	0.49	0.21	0.10	0.04	0.61	-0.28	0.23	0.12	0.01	-0.10	0.61
Plains	-0.08	0.41	0.18	0.13	0.08	0.68	0.11	0.26	0.14	0.01	0.03	0.52
Iowa	-0.04	0.15	0.03	0.04	0.10	0.48	0.15	0.20	0.10	0.01	-0.01	0.67
Kansas	-0.26	0.31	0.09	0.06	0.06	0.65	0.04	0.24	0.16	-0.02	0.09	0.51
Minnesota	-0.06	0.62	0.29	0.15	0.10	0.87	0.12	0.27	0.13	0.02	0.00	0.51
Missouri	0.01	0.53	0.20	0.15	0.07	0.68	0.12	0.30	0.17	0.01	0.01	0.48
Nebraska	-0.08	0.26	0.17	0.19	0.04	0.52	0.11	0.21	0.09	-0.02	0.10	0.49
North Dakota	-0.27	0.08	0.08	0.35	0.04	0.18	0.05	0.21	0.10	-0.01	0.09	0.68
South Dakota	-0.20	0.17	0.07	0.08	0.02	0.91	0.07	0.25	0.19	0.03	0.09	0.30
Southeast	-0.07	0.57	0.07	0.18	0.10	0.68	0.08	0.33	0.16	0.11	0.02	0.44
Alabama	-0.05	0.53	0.06	0.09	0.06	0.66	0.05	0.23	0.16	0.12	-0.02	0.54
Arkansas	-0.11	0.24	0.29	0.12	0.08	0.72	0.04	0.28	0.11	0.03	0.01	0.42
Florida	0.04	0.60	-0.11	0.15	0.12	0.72	-0.03	0.42	0.21	0.04	0.04	0.32
Georgia	-0.15	0.67	0.19	0.15	0.08	0.57	0.07	0.32	0.11	0.10	0.03	0.54
Kentucky	-0.12	0.25	0.09	0.30	0.06	0.82	0.05	0.29	0.12	0.07	0.10	0.50
Louisiana	-0.09	0.57	0.06	0.05	0.24	0.83	-0.23	0.36	0.17	0.03	-0.03	0.53
Mississippi	-0.06	0.12	0.09	0.07	0.05	0.46	0.01	0.26	0.12	0.02	-0.07	0.50
North Carolina	-0.15	0.67	0.20	0.25	0.11	0.63	0.13	0.31	0.15	0.07	0.08	0.48
South Carolina	-0.06	0.47	0.07	0.20	0.07	0.53	0.08	0.37	0.19	0.05	0.66	0.50
Tennessee	-0.10	0.46	0.13	0.19	0.11	0.86	0.55	0.38	0.17	0.07	0.00	0.40
Virginia	-0.06	0.81	0.16	0.23	0.06	0.63	0.11	0.14	0.11	0.45	-0.25	0.52
West Virginia	-0.10	0.01	0.10	0.54	0.05	0.61	0.11	0.23	0.07	0.09	-0.40	0.22
Southwest	0.08	0.61	0.19	0.23	0.10	0.68	0.12	0.38	0.16	0.08	0.04	0.36
Arizona	-0.22	0.80	0.15	0.20	0.06	1.10	0.26	0.30	0.05	0.04	-0.01	0.50
New Mexico	-0.13	0.38	0.03	0.13	0.15	0.69	0.10	0.35	0.02	0.11	0.17	0.59
Oklahoma	-0.03	0.00	0.09	0.00	0.09	0.14	0.12	0.21	0.10	0.11	0.18	0.43
Texas	0.17	0.66	0.22	0.27	0.11	0.65	0.09	0.43	0.20	0.08	0.02	0.30
Rocky Mountain	-0.28	0.83	0.15	0.07	0.11	0.61	0.20	0.18	0.10	0.06	-0.01	0.61
Colorado	-0.32	1.15	0.23	0.14	0.07	0.62	0.23	0.10	0.15	0.06	-0.02	0.69
Idaho	-0.24	0.51	0.09	0.07	0.12	0.71	0.14	0.22	-0.01	0.08	0.04	0.65
Montana	-0.21	0.50	0.02	0.08	0.06	0.82	0.13	0.34	0.14	-0.11	-0.01	0.33
Utah	-0.26	0.57	0.07	-0.09	0.19	0.50	0.19	0.23	0.00	0.10	-0.02	0.48
Wyoming	-0.22	0.28	0.05	0.00	0.12	0.41	0.08	0.31	0.24	0.09	0.06	0.74
Far West	-0.28	0.73	0.04	0.16	0.12	0.55	0.26	0.41	0.14	0.02	0.03	0.53
Alaska	-0.15	0.37	0.05	0.22	0.03	0.64	0.26	0.31	0.31	-0.02	-0.02	0.25
California	-0.29	0.83	0.12	0.19	0.14	0.57	0.29	0.31	0.16	0.01	0.03	0.57
Hawaii	-0.30	0.24	0.10	0.48	0.08	0.51	0.18	1.56	0.13	0.30	0.04	0.75
Nevada	-0.07	0.64	0.04	-0.08	0.06	0.58	0.47	0.72	0.00	0.04	0.07	0.36
Oregon	-0.27	0.57	0.24	0.11	0.09	0.60	0.17	0.65	0.22	0.01	-0.02	1.07
Washington	-0.27	0.46	-0.43	0.09	0.08	0.40	0.12	0.58	0.06	0.03	0.03	0.09

Table 7. Change in Earnings, by Industry and by State and Region, 2022:Q2–2022:Q3—Continues

	[Millions of dollars]												
	Earnings by industry												
	Total earnings	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	243,145	657	1,901	2,377	-675	8,233	15,008	10,137	17,039	7,494	7,138	19,857	6,607
New England	13,087	15	171	6	-78	280	800	600	646	350	330	1,171	342
Connecticut	2,791	10	4	0	-5	1	228	272	223	113	142	206	43
Maine	908	10	45	0	1	26	47	32	20	38	15	34	11
Massachusetts	7,626	9	88	2	-67	205	336	252	254	133	161	840	250
New Hampshire	980	0	17	1	-5	6	126	11	108	34	-8	42	-3
Rhode Island	415	2	10	1	-1	34	40	21	24	17	14	31	33
Vermont	366	-15	7	2	-1	8	23	13	16	14	6	18	7
Mideast	42,978	-76	110	49	-109	-208	1,169	1,859	2,688	819	1,768	3,627	1,525
Delaware	597	4	-1	0	2	20	28	30	37	34	31	16	49
District of Columbia	1,096	0	1	0	-9	16	3	3	10	22	36	151	-47
Maryland	4,330	3	7	1	-25	116	144	72	199	106	75	222	22
New Jersey	8,270	33	15	-3	-19	-49	238	818	941	294	341	340	220
New York	19,081	-88	30	-16	-78	-514	209	255	883	67	650	2,532	1,003
Pennsylvania	9,604	-28	58	68	21	203	546	682	619	295	635	366	278
Great Lakes	26,895	-863	179	82	-76	831	2,484	1,538	2,272	892	448	1,656	1,104
Illinois	9,382	-278	39	12	-45	167	503	526	670	271	307	580	509
Indiana	2,137	-138	53	13	14	79	325	138	388	118	-278	105	143
Michigan	5,431	-74	-14	29	-42	115	702	323	539	124	99	358	175
Ohio	6,868	-95	55	19	-7	186	595	399	434	248	210	376	189
Wisconsin	3,077	-279	45	9	4	284	359	152	242	131	110	237	89
Plains	14,168	-238	193	126	-1	748	1,234	934	1,539	398	278	665	308
Iowa	1,697	-95	50	0	-3	24	227	210	185	70	17	41	94
Kansas	1,709	99	70	7	0	27	165	227	148	69	29	34	7
Minnesota	4,674	-150	13	9	-2	239	415	187	613	118	89	213	81
Missouri	3,818	-45	29	10	7	211	306	156	325	77	67	247	110
Nebraska	1,240	43	16	4	-7	82	74	75	164	6	26	106	23
North Dakota	531	-52	16	91	3	106	18	35	43	23	41	14	-7
South Dakota	500	-39	-1	5	0	59	29	45	60	35	9	10	0
Southeast	52,265	68	448	206	-41	1,452	2,975	1,560	4,125	1,774	1,294	3,704	1,984
Alabama	2,557	57	37	13	9	158	222	76	169	86	45	95	78
Arkansas	1,377	-11	38	-1	3	-2	108	80	119	44	16	74	63
Florida	13,779	-363	131	11	-36	674	725	-97	1,294	565	459	983	825
Georgia	7,009	102	58	11	2	43	399	304	560	146	145	858	360
Kentucky	2,040	43	33	22	1	-209	151	104	130	94	60	86	52
Louisiana	2,545	14	31	4	1	-125	167	222	427	71	61	118	20
Mississippi	858	12	31	7	9	37	49	47	70	29	8	29	12
North Carolina	7,034	158	24	7	-46	340	351	228	493	234	129	510	247
South Carolina	3,085	24	14	6	10	58	185	113	154	104	74	133	69
Tennessee	5,132	2	20	13	-3	85	399	231	364	253	145	273	139
Virginia	6,169	21	19	16	9	267	200	208	318	153	162	535	91
West Virginia	680	7	12	98	1	126	19	44	28	-6	-10	8	28
Southwest	36,507	532	50	1,991	-268	2,091	2,493	2,402	2,784	1,130	1,260	2,228	784
Arizona	5,321	50	-65	36	1	399	671	103	317	110	123	278	53
New Mexico	1,008	-14	4	94	1	93	35	43	15	31	-1	31	13
Oklahoma	2,537	124	-3	83	100	96	130	143	212	369	382	-1	124
Texas	27,641	372	114	1,779	-371	1,503	1,656	2,114	2,241	619	755	1,920	593
Rocky Mountain	8,637	129	36	-257	-25	638	460	356	369	574	269	915	-52
Colorado	4,122	83	16	-320	-5	194	116	251	54	65	70	505	-52
Idaho	1,153	-48	30	-1	0	70	176	60	60	101	46	53	7
Montana	522	38	-12	7	-2	29	21	12	24	43	-7	22	14
Utah	2,430	20	0	-4	-14	344	139	34	215	357	100	327	-22
Wyoming	411	36	2	61	-5	1	8	-1	16	8	60	8	2
Far West	48,608	1,091	712	173	-77	2,401	3,393	888	2,615	1,560	1,491	5,891	610
Alaska	617	2	27	142	5	51	8	5	5	47	23	18	7
California	37,362	792	428	26	-93	1,421	1,940	545	1,882	1,000	965	6,601	486
Hawaii	1,106	15	3	0	6	19	4	16	-7	82	70	48	-14
Nevada	2,328	10	-15	4	10	292	164	40	62	78	198	50	101
Oregon	3,719	105	71	2	-7	276	298	109	224	240	32	156	-23
Washington	3,476	166	199	-2	3	341	978	174	448	113	203	-982	52

Table 7. Change in Earnings, by Industry and by State and Region, 2022:Q2–2022:Q3—Table Ends

	[Millions of dollars]											
	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	-6,465	34,157	5,592	9,343	6,667	34,278	8,489	18,557	7,265	3,081	1,142	25,267
New England	-282	2,413	-77	483	806	1,987	501	799	349	110	-63	1,424
Connecticut	-42	389	-122	97	173	421	109	163	77	16	-38	311
Maine	-31	62	52	60	17	145	40	64	44	33	9	133
Massachusetts	-129	1,646	226	260	471	1,111	243	431	167	18	-13	730
New Hampshire	-40	194	29	38	57	101	72	46	37	20	7	94
Rhode Island	-28	80	-266	15	63	135	15	57	8	13	0	97
Vermont	-13	43	5	14	25	74	22	38	16	11	-29	60
Mideast	-748	6,611	1,197	2,209	1,808	6,352	2,192	4,228	918	564	48	4,377
Delaware	-92	94	28	25	10	112	14	49	18	13	-3	78
District of Columbia	-52	477	12	64	59	109	54	153	184	-225	29	47
Maryland	-176	817	74	194	97	617	153	287	132	447	166	579
New Jersey	-154	1,538	290	230	301	1,121	180	389	246	117	14	829
New York	-91	2,564	249	1,369	871	2,705	1,509	2,889	90	79	-169	2,083
Pennsylvania	-184	1,120	544	327	469	1,688	282	461	248	134	12	761
Great Lakes	-1,508	3,859	1,069	771	510	4,362	688	1,726	927	224	221	3,498
Illinois	-381	1,716	243	367	241	1,209	370	645	275	88	331	1,019
Indiana	-674	276	87	3	31	650	122	166	167	9	-17	360
Michigan	-360	834	193	187	128	709	221	356	177	46	-33	638
Ohio	2	607	362	128	73	1,260	219	355	204	73	24	952
Wisconsin	-94	427	184	86	37	534	-243	204	105	7	-84	530
Plains	-258	1,340	570	428	250	2,213	356	832	448	19	98	1,689
Iowa	-16	71	15	19	45	223	71	91	48	6	-3	307
Kansas	-112	131	38	27	26	280	19	102	68	-9	40	217
Minnesota	-53	580	274	140	96	820	117	258	123	16	-4	484
Missouri	11	446	171	130	63	578	99	255	140	10	12	403
Nebraska	-24	77	52	57	13	157	35	63	29	-8	29	147
North Dakota	-34	10	10	44	4	22	6	26	13	-1	12	85
South Dakota	-29	25	10	11	3	133	10	36	28	5	13	44
Southeast	-798	6,941	907	2,209	1,223	8,302	923	3,996	1,943	1,333	306	5,433
Alabama	-32	328	38	55	40	411	32	142	102	75	-15	336
Arkansas	-43	91	109	45	31	272	14	106	43	11	5	161
Florida	124	2,036	-375	523	416	2,438	-90	1,441	723	150	132	1,090
Georgia	-231	1,015	283	231	115	858	102	476	164	155	38	812
Kentucky	-70	146	53	171	34	476	30	167	70	42	59	292
Louisiana	-57	349	37	31	148	510	-139	223	108	18	-20	325
Mississippi	-19	40	29	22	18	151	3	86	39	7	-23	166
North Carolina	-224	1,000	296	368	160	944	189	469	222	105	114	718
South Carolina	-40	318	49	134	51	361	56	253	129	34	453	342
Tennessee	-104	460	131	189	107	855	551	377	173	70	3	399
Virginia	-80	1,154	233	325	92	895	153	206	154	646	-355	747
West Virginia	-22	2	22	116	10	131	23	49	16	20	-86	46
Southwest	502	3,844	1,185	1,455	638	4,255	765	2,414	1,003	486	238	2,245
Arizona	-223	806	152	201	64	1,104	257	302	55	36	-11	500
New Mexico	-34	97	7	33	39	177	27	89	4	28	44	151
Oklahoma	-14	-2	51	0	47	76	67	115	53	60	97	229
Texas	772	2,943	976	1,220	489	2,898	414	1,909	890	361	109	1,364
Rocky Mountain	-561	1,670	296	132	210	1,213	391	354	197	119	-21	1,224
Colorado	-323	1,165	230	142	69	627	236	105	154	58	-24	707
Idaho	-61	130	23	19	29	180	36	55	-3	19	10	164
Montana	-33	79	4	12	10	130	20	53	22	-17	-2	53
Utah	-121	268	34	-40	90	236	91	110	1	49	-11	227
Wyoming	-23	28	5	0	12	41	8	31	24	9	6	74
Far West	-2,812	7,480	444	1,655	1,221	5,594	2,672	4,209	1,481	227	315	5,377
Alaska	-19	45	6	27	4	79	32	38	38	-2	-2	31
California	-2,125	6,045	865	1,358	1,003	4,172	2,098	2,240	1,183	101	245	4,185
Hawaii	-63	51	21	102	17	109	37	331	27	64	8	160
Nevada	-32	304	19	-37	26	273	223	338	-2	20	31	170
Oregon	-177	369	157	71	61	389	112	421	145	5	-15	698
Washington	-396	666	-624	134	109	572	170	841	91	39	48	133