

Regional Quarterly Report

GDP, personal income, and more...

Estimates for the Third Quarter of 2018

By David G. Lenz

The regional statistics released by the Bureau of Economic Analysis (BEA) for the third quarter of 2018 provide insight into current economic trends for the 50 states and the District of Columbia. This *Regional Quarterly Report* first discusses the range of growth rates in real state gross domestic product (GDP), with a look at the contributions to growth of 21 industries. It then presents state personal income statistics, highlighting the contributions to growth of its seven major components.

Real GDP by State

Real GDP growth slowed in the third quarter of 2018 in 39 states and in the District of Columbia (table A) and ranged from 5.8 percent in the state of Washington to zero in West Virginia.¹ U.S. real GDP grew 3.4 percent in the third quarter of 2018, down from 4.2 percent in the second quarter. Current-dollar U.S. GDP growth also slowed to 4.9 percent from 7.6 percent. Even so, the real U.S. GDP growth rates of the second and third quarters were the highest in the 4 years since the third quarter of 2014.

- Real GDP growth slowed in the four largest states—California, Texas, Florida, and New York—which accounted for 36.3 percent of U.S. GDP in the third quarter.
- In California, Florida, and New York, the information, real estate, and professional services industries more than accounted for the slowdown.
 - In California, where real GDP growth slowed to 3.5 percent from 3.7 percent, the information, real estate, and professional services industries contributed 1.75 percentage points to real GDP growth in the third quarter (table B); in the second quarter, they contributed 3.02 percentage points.

- In Florida, where real GDP growth slowed to 3.8 percent from 4.5 percent, the information, real estate, and professional services industries contributed 1.05 percentage points to real GDP growth in the third quarter; in the second quarter, they contributed 2.16 percentage points.
- In New York, where real GDP growth slowed to 2.8 percent from 3.1 percent, the information, real estate, and professional services industries contributed 0.67 percentage point to real GDP growth in the third quarter; in the second quarter, they contributed 2.19 percentage points.
- In Texas, real GDP growth slowed to 3.7 percent from 6.0 percent. Mining and durable goods manufacturing contributed 0.41 percentage point to real GDP growth in the third quarter; in the second quarter, they contributed 2.04 percentage points. The contributions of the information, real estate, and professional services industries also declined from the second to the third quarter.
- Real GDP growth accelerated in eight states in the third quarter; the largest of these states was Washington. Real GDP growth accelerated to 5.8 percent in Washington from 3.7 percent. Information and retail trade contributions to real GDP growth increased to 2.34 percentage points in the third quarter from 1.40 percentage points in the second quarter.

Table A. Real Gross Domestic Product (GDP) by State

[Seasonally adjusted at annual rates]

	Share of current-dollar U.S. GDP ¹	Percent change in real GDP from preceding quarter					
	2018:III	2017:II	2017:III	2017:IV	2018:I	2018:II	2018:III
United States ²	100.0	3.0	2.8	2.3	2.2	4.2	3.4
Alabama	1.1	1.0	1.2	4.0	1.6	3.8	2.7
Alaska	0.3	2.1	4.0	-1.9	-5.0	3.7	1.0
Arizona	1.7	1.2	7.1	1.0	4.7	4.2	4.3
Arkansas	0.6	1.5	-2.1	2.7	2.0	4.4	1.9
California	14.4	5.3	2.7	5.4	1.6	3.7	3.5
Colorado	1.8	2.5	5.5	3.2	0.3	4.9	3.8
Connecticut	1.3	2.6	1.4	-2.5	1.1	3.1	3.3
Delaware	0.4	-5.7	7.0	-6.1	-0.8	2.5	3.4
District of Columbia	0.7	0.4	7.5	-4.1	2.6	4.2	1.9
Florida	5.0	0.8	3.0	3.7	4.3	4.5	3.8
Georgia	2.9	1.8	3.8	3.1	-0.1	3.9	3.6
Hawaii	0.4	-0.6	1.0	0.3	-0.5	3.1	2.0
Idaho	0.4	6.7	1.8	6.2	2.8	3.0	3.9
Illinois	4.2	0.9	2.8	-0.7	3.5	3.6	2.5
Indiana	1.8	-0.8	0.5	3.9	3.0	3.6	3.0
Iowa	0.9	3.1	-3.7	1.9	-2.5	3.6	3.3
Kansas	0.8	0.9	-0.1	0.3	-1.8	4.7	2.3
Kentucky	1.0	4.0	1.2	2.9	-2.5	3.7	2.1
Louisiana	1.2	-1.4	-1.1	0.0	4.7	4.3	1.9
Maine	0.3	0.2	3.8	0.5	2.0	3.4	2.6
Maryland	2.0	3.2	1.1	2.5	0.1	3.6	2.3
Massachusetts	2.8	3.7	3.5	0.5	4.0	4.0	3.5
Michigan	2.6	3.0	1.9	2.5	1.6	5.4	2.8
Minnesota	1.8	1.4	-2.7	2.6	-0.2	5.0	2.7
Mississippi	0.6	-2.1	1.7	0.7	1.1	3.4	1.9
Missouri	1.5	5.0	0.9	0.5	1.3	5.1	2.9
Montana	0.2	2.3	-1.1	0.5	4.1	4.9	3.4
Nebraska	0.6	5.1	-1.2	0.1	-1.4	3.7	3.6
Nevada	0.8	3.8	6.3	0.1	5.7	4.3	4.1
New Hampshire	0.4	0.8	7.8	-3.6	5.4	4.6	3.7
New Jersey	3.1	4.5	2.0	-1.3	3.3	3.4	3.3
New Mexico	0.5	0.0	4.2	-0.6	-0.8	2.7	2.0
New York	8.2	-0.1	3.1	2.6	0.3	3.1	2.8
North Carolina	2.8	2.5	1.2	3.2	1.9	3.4	1.8
North Dakota	0.3	12.2	-3.0	-0.6	-0.4	4.1	3.8
Ohio	3.3	2.3	2.9	-0.2	0.2	3.7	2.8
Oklahoma	1.0	7.3	-0.7	0.0	-0.3	4.1	2.2
Oregon	1.2	5.5	2.6	5.4	2.4	3.5	3.5
Pennsylvania	3.9	3.0	4.5	0.1	0.6	3.6	2.8
Rhode Island	0.3	5.4	0.7	-1.2	0.4	2.8	2.9
South Carolina	1.1	1.1	0.5	1.1	2.6	3.2	2.9
South Dakota	0.3	1.4	-0.6	-3.3	3.6	3.5	3.6
Tennessee	1.8	2.9	2.8	2.2	1.8	3.6	3.1
Texas	8.6	3.7	2.9	1.2	2.7	6.0	3.7
Utah	0.9	2.6	6.2	3.1	6.2	3.8	4.4
Vermont	0.2	0.8	1.3	0.0	-0.5	3.4	2.2
Virginia	2.6	2.4	2.7	1.3	2.1	4.2	3.3
Washington	2.8	5.0	4.9	5.7	7.8	3.7	5.8
West Virginia	0.4	0.8	6.0	-0.8	-1.1	3.4	0.0
Wisconsin	1.6	1.5	3.7	-0.4	4.1	2.8	2.8
Wyoming	0.2	12.9	0.6	1.5	-4.5	3.3	1.8

1. Sum of states plus the District of Columbia does not equal the United States, which includes government overseas activities.

2. Includes government overseas activities not attributable to the states.

Table B. Contributions to Percent Change in Real Gross Domestic Product (GDP) by Industry and by State, 2018:II–2018:III

[Percentage points, seasonally adjusted at annual rates]

	All industry total (percent change)	Agriculture, forestry, fishing, and hunting	Mining, quarrying, and oil and gas extraction	Utilities	Construction	Durable-goods manufacturing	Nondurable-goods manufacturing	Wholesale trade	Retail trade	Transportation and warehousing	Information	Finance and insurance	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 and government enterprises ¹
United States ^{1,2}	3.4	-0.07	0.00	-0.08	0.12	0.12	0.18	0.43	0.34	0.08	0.41	0.40	0.19	0.32	0.08	0.19	0.03	0.22	0.04	0.06	-0.02	0.12
Alabama	2.7	-0.06	-0.10	-0.15	0.01	0.27	0.29	0.36	0.39	0.05	0.23	0.34	0.02	0.38	0.05	0.17	-0.01	0.17	0.00	0.01	-0.03	0.27
Alaska	1.0	0.32	-0.72	-0.01	-0.27	0.02	0.15	0.09	0.23	0.20	0.14	0.02	0.05	0.14	0.03	0.18	0.01	-0.04	0.00	0.10	-0.04	0.44
Arizona	4.3	0.18	-0.18	-0.11	0.43	0.33	0.06	0.40	0.44	0.15	0.47	0.43	0.42	0.23	0.04	0.40	-0.05	0.29	0.07	0.10	-0.04	0.23
Arkansas	1.9	-0.63	-0.12	-0.11	0.19	0.10	0.22	0.43	0.40	0.01	0.08	0.37	0.04	0.13	0.26	0.26	0.05	0.11	-0.01	0.03	-0.07	0.17
California	3.5	0.17	-0.02	-0.07	0.00	0.03	0.09	0.33	0.32	0.05	0.93	0.25	0.43	0.39	0.08	0.18	0.03	0.19	0.01	0.05	-0.03	0.05
Colorado	3.8	-0.14	0.10	-0.05	0.10	0.13	-0.02	0.42	0.34	0.13	0.99	0.17	0.47	0.36	0.09	0.23	-0.03	0.19	0.08	-0.02	-0.06	0.33
Connecticut	3.3	0.03	0.00	-0.07	0.18	0.11	0.46	0.37	0.27	0.05	0.38	0.64	-0.13	0.33	0.05	0.20	0.07	0.21	0.03	0.09	-0.02	0.05
Delaware	3.4	-0.04	0.00	-0.07	0.07	0.15	0.21	0.17	0.21	-0.06	0.12	1.68	0.00	0.25	0.09	0.14	0.00	0.21	0.03	0.04	-0.02	0.22
District of Columbia	1.9	0.00	0.00	-0.05	-0.01	0.01	0.00	-0.01	0.05	-0.09	0.70	0.33	0.21	0.79	0.02	0.14	0.18	-0.03	0.06	0.10	-0.22	-0.32
Florida	3.8	0.03	-0.01	-0.09	0.23	0.06	0.06	0.45	0.48	0.09	0.30	0.42	0.39	0.36	0.10	0.23	0.06	0.29	0.13	0.14	0.00	0.08
Georgia	3.6	-0.01	-0.01	-0.08	0.16	0.13	0.17	0.51	0.33	0.07	0.65	0.35	0.14	0.24	0.09	0.28	-0.02	0.27	0.00	0.05	-0.03	0.29
Hawaii	2.0	0.19	-0.01	-0.11	-0.12	0.03	-0.05	-0.06	0.44	-0.01	0.04	0.31	0.54	0.13	-0.01	0.22	0.03	0.04	0.00	0.00	-0.05	0.51
Idaho	3.9	0.29	-0.01	-0.07	0.19	0.37	0.41	0.34	0.60	0.05	0.15	0.12	0.24	0.27	0.04	0.31	0.01	0.17	0.03	0.05	-0.01	0.34
Illinois	2.5	-0.33	-0.01	-0.07	0.11	0.16	0.20	0.48	0.23	0.06	0.26	0.55	0.05	0.25	0.07	0.19	-0.03	0.17	0.05	0.05	-0.05	0.11
Indiana	3.0	0.08	-0.04	-0.12	0.18	0.13	0.24	0.45	0.42	0.08	0.13	0.45	0.07	0.26	0.03	0.15	0.03	0.19	0.05	0.03	-0.07	0.24
Iowa	3.3	-0.28	0.00	-0.07	0.27	0.26	0.70	0.57	0.17	0.14	0.20	0.80	0.09	0.00	0.09	0.09	0.06	0.13	0.07	-0.04	-0.06	0.07
Kansas	2.3	-0.49	-0.03	-0.08	0.14	0.28	0.14	0.34	0.38	0.19	0.11	0.39	-0.01	0.17	0.10	0.13	0.02	0.13	0.03	0.02	-0.02	0.35
Kentucky	2.1	-0.16	-0.09	-0.08	0.04	0.14	0.16	0.32	0.36	0.10	0.16	0.33	0.06	0.16	0.06	0.17	0.00	0.18	0.02	0.03	-0.02	0.18
Louisiana	1.9	-0.03	-0.26	-0.09	-0.13	0.15	0.77	0.32	0.36	0.10	0.12	0.13	0.06	0.27	0.03	0.02	-0.02	0.09	0.02	-0.04	0.01	0.04
Maine	2.6	0.27	0.00	-0.05	0.26	-0.03	0.16	0.26	0.45	-0.04	0.06	0.35	0.03	0.09	0.13	0.14	0.02	0.23	0.07	0.23	0.01	0.19
Maryland	2.3	-0.02	-0.01	-0.09	0.01	0.06	0.08	0.22	0.27	0.00	0.19	0.17	0.06	0.62	0.07	0.25	-0.03	0.29	0.03	0.08	-0.03	0.04
Massachusetts	3.5	0.07	0.00	-0.07	0.12	0.11	0.11	0.35	0.24	-0.03	0.52	0.45	0.22	0.63	0.09	0.19	0.05	0.26	0.01	0.08	-0.02	0.08
Michigan	2.8	-0.37	-0.03	-0.09	0.20	0.48	0.08	0.40	0.34	0.10	0.26	0.29	0.21	0.27	0.12	0.13	0.01	0.13	0.08	0.03	-0.02	0.18
Minnesota	2.7	-0.92	-0.03	-0.07	0.23	0.14	0.25	0.67	0.36	0.13	0.25	0.47	0.12	0.30	0.19	0.14	0.02	0.22	0.06	0.08	-0.04	0.14
Mississippi	1.9	-0.28	-0.05	-0.11	-0.09	0.08	0.10	0.36	0.44	-0.09	0.17	0.33	0.03	0.18	0.04	0.19	-0.01	0.10	0.00	0.17	-0.05	0.35
Missouri	2.9	-0.58	-0.01	-0.07	0.12	0.23	0.31	0.49	0.33	0.10	0.33	0.30	0.09	0.36	0.14	0.14	0.02	0.27	0.08	0.08	-0.05	0.25
Montana	3.4	0.43	-0.13	-0.12	0.33	0.08	0.15	0.32	0.40	0.26	0.19	0.27	0.03	0.26	0.02	0.15	0.01	0.23	0.09	0.05	0.00	0.41
Nebraska	3.6	0.38	-0.01	-0.15	0.09	0.15	0.36	0.38	0.23	0.34	0.18	0.55	0.16	0.11	0.09	0.25	0.04	0.22	-0.01	0.06	-0.05	0.24
Nevada	4.1	-0.05	-0.22	-0.08	0.57	0.25	0.04	0.41	0.52	0.03	0.34	0.14	0.35	0.38	0.25	0.38	0.03	0.30	0.03	0.21	0.01	0.19
New Hampshire	3.7	0.05	0.00	-0.04	0.25	0.55	0.06	0.69	0.38	0.00	0.27	0.61	0.07	0.09	0.02	0.30	-0.07	0.22	0.02	0.06	0.01	0.16
New Jersey	3.3	0.05	-0.01	-0.06	-0.11	0.11	0.46	0.70	0.31	0.11	0.29	0.28	0.02	0.41	0.03	0.25	0.09	0.21	0.02	0.13	0.00	0.06
New Mexico	2.0	0.05	-0.37	-0.08	0.22	0.14	0.04	0.14	0.31	0.11	0.19	0.16	-0.03	0.15	0.02	0.12	0.05	0.20	0.00	-0.03	-0.06	0.69
New York	2.8	-0.01	-0.01	-0.02	0.07	-0.07	0.24	0.25	0.18	0.07	0.34	0.92	0.19	0.14	-0.01	0.09	0.07	0.24	0.01	0.06	0.03	0.04
North Carolina	1.8	-0.66	-0.01	-0.08	0.09	0.15	0.11	0.46	0.31	0.05	0.32	0.52	0.09	0.34	0.12	0.20	0.00	0.20	0.02	0.05	-0.04	-0.44
North Dakota	3.8	0.31	0.34	-0.11	0.83	-0.11	0.17	0.22	0.26	0.29	0.16	0.19	0.12	0.30	0.05	0.18	-0.01	0.17	0.04	0.23	-0.05	0.19
Ohio	2.8	-0.18	-0.06	-0.12	0.17	0.21	0.17	0.47	0.34	0.08	0.19	0.41	0.05	0.18	0.13	0.20	-0.02	0.28	0.07	0.08	-0.01	0.22
Oklahoma	2.2	-0.30	0.41	-0.09	-0.16	0.09	-0.08	0.64	0.45	0.25	0.01	0.17	-0.02	0.09	0.10	0.36	0.01	0.00	-0.04	0.06	-0.06	0.29
Oregon	3.5	0.11	-0.01	-0.05	0.44	0.21	0.14	0.50	0.34	0.03	0.24	0.09	0.33	0.24	0.26	0.15	0.04	0.44	0.02	0.10	-0.05	-0.01
Pennsylvania	2.8	-0.02	-0.04	-0.08	0.03	0.08	0.23	0.38	0.26	0.09	0.27	0.41	0.03	0.30	0.17	0.15	0.01	0.31	0.06	0.05	-0.04	0.11
Rhode Island	2.9	0.06	0.00	-0.07	0.07	0.08	0.03	0.44	0.31	0.00	0.23	0.58	-0.06	0.16	0.13	0.27	0.20	0.24	0.07	0.18	-0.02	0.02
South Carolina	2.9	-0.14	0.00	-0.10	0.06	0.19	0.24	0.38	0.38	0.06	0.22	0.19	0.19	0.27	0.06	0.20	0.01	0.22	0.03	0.04	-0.03	0.46
South Dakota	3.6	0.22	-0.02	-0.08	0.36	0.16	0.29	0.84	0.31	0.14	0.17	0.67	0.18	0.08	0.05	0.07	0.00	0.03	0.01	-0.01	-0.01	0.15
Tennessee	3.1	-0.28	0.00	-0.03	0.08	0.23	0.27	0.52	0.43	0.09	0.24	0.29	0.14	0.24	0.09	0.24	0.03	0.35	0.03	0.08	-0.03	0.15
Texas	3.7	-0.17	0.33	-0.10	0.32	0.08	0.22	0.79	0.39	0.12	0.12	0.40	0.12	0.35	0.12	0.25	0.04	0.21	0.03	0.02	0.01	0.06
Utah	4.4	-0.08	-0.09	-0.05	-0.13	0.47	0.11	0.46	0.68	0.12	0.41	0.80	0.37	0.26	0.02	0.00	0.05	0.30	0.01	0.09	0.04	0.52
Vermont	2.2	-0.12	-0.03	-0.08	0.07	0.11	0.11	0.25	0.40	0.01	0.18	0.27	0.05	0.26	0.04	0.16	0.03	0.25	0.02	0.05	-0.03	0.18
Virginia	3.3	-0.15	-0.02	-0.05	0.09	0.14	0.24	0.37	0.32	0.04	0.34	0.36	0.16	0.75	0.09	0.26	0.01	0.21	0.05	0.03	-0.03	0.10
Washington	5.8	0.35	-0.01	-0.07	0.20	0.16	0.20	0.49	0.94	0.10	1.40	0.22	0.41	0.55	0.10	0.34	0.03	0.09	-0.02	0.02	0.02	0.27
West Virginia	0.0	-0.21	-0.91	-0.12	0.07	0.16	-0.10	0.53	0.29	-0.01	0.03	0.13	0.02	0.29	-0.02	-0.06	0.02	0.32	0.07	-0.15	-0.08	-0.23
Wisconsin	2.8	-0.22	-0.01	-0.09	0.21	0.37	0.33	0.40	0.33	0.12	0.26	0.32	0.05	0.10	0.07	0.07	0.05	0.32	0.04	0.07	-0.04	0.06
Wyoming	1.8	-0.36	-0.67	-0.16	0.41	0.04	0.15	0.46	0.15	0.35	0.15	0.20	0.02	0.11	0.01	0.02	0.01	0.23	0.08	0.27	-0.06	0.35

1. The United States includes government overseas activities not attributable to the states.

2. Percentage-point contributions for the United States do not sum to "All industry total (percent change)," because the industry details are calculated using source data and methodologies that differ from those used to calculate growth in the top-line, expenditure-based measure of real GDP.

State Personal Income

Personal income growth accelerated in the third quarter of 2018 in 33 states and in the District of Columbia (table C).² U.S. personal income grew 4.0 percent in the third quarter of 2018, up from 3.4 percent in the second quarter. Personal income growth ranged from 6.2 percent in Nevada and in Washington to 2.1 percent in Missouri.

- Compensation of employees, the largest component of personal income, grew in every state in the third quarter of 2018 after falling in 12 states and in the District of Columbia in the second quarter.³ Compensation growth accelerated in 24 states. It grew the fastest in the state of Washington (7.5 percent), and within Washington, compensation grew the fastest in the information industry (23.7 percent).
- Proprietors' income, which represents the income earned from current production by unincorporated businesses that is received by persons, rose 3.1 percent on average in the third quarter after rising 4.8 percent in the second quarter. In the third quarter, New Hampshire's proprietors' income grew the fastest (7.1 percent), while Arkansas' fell the most (8.5 percent). Farm proprietors' income fell in every state—by as much as \$1.2 billion in North Carolina—while nonfarm proprietors' income grew in every state (table D).⁴
- Property income growth (dividends, interest, and rent) increased 4.0 percent on average in the third quarter after increasing 3.9 percent in the second quarter. The biggest increase, 5.2 percent, was in the state of Washington, while the smallest increase was in Oklahoma (2.6 percent). Personal dividend income grew 5.0 percent, personal interest income grew 1.9 percent, and the rental income of persons increased 7.0 percent.
- Personal current transfer receipts, which consist primarily of Social Security, Medicare, and Medicaid benefits, grew 4.0 percent in the third quarter, a deceleration from the 4.4 percent growth in the second quarter. The growth was fastest in Colorado, where transfer receipts grew 10.9 percent. Transfer receipts fell 1.6 percent in New York, the only state with a decline. A 28.3 percent increase in Medicaid transfer receipts accounted for the bulk of the increase in Colorado, while an 11.3 percent decline in Medicaid and a 26.0 percent decline in state unemployment insurance compensation accounted for the decrease in New York.
- Contributions for government social insurance, a subtraction in the derivation of personal income, grew 3.8 percent in the third quarter after rising 2.7 percent in the second quarter. The largest increase was in the state of Washington (6.9 percent), the state with the largest increase in compensation. The smallest increase was in West Virginia (0.7 percent), which had the smallest increase in compensation.
- The residence adjustment for New York fell \$700 million in the third quarter after falling \$1,423 million in the second quarter (table D). For New Jersey, the residence adjustment increased \$489 million in the third quarter after rising \$965 million in the second quarter.

Table C. Percent Change in Personal Income and Select Components by State

[Seasonally adjusted at annual rates]

	Personal income		Compensation ¹		Proprietors' income with IVA and CCAdj		Dividends, interest, and rent		Personal current transfer receipts		Contributions for government social insurance	
	2018:II	2018:III	2018:II	2018:III	2018:II	2018:III	2018:II	2018:III	2018:II	2018:III	2018:II	2018:III
United States ²	3.4	4.0	2.7	4.1	4.8	3.1	3.9	4.0	4.4	4.0	2.7	3.8
Alabama	2.5	3.4	1.6	3.9	6.3	-1.0	2.8	2.9	3.2	3.9	1.7	3.6
Alaska	2.2	3.3	2.6	1.6	4.9	2.6	2.8	3.0	-0.8	9.6	2.7	1.3
Arizona	1.9	5.4	1.1	5.4	3.6	4.2	4.0	4.4	1.3	6.8	1.2	5.1
Arkansas	2.2	3.0	-0.8	3.4	11.0	-8.5	4.8	4.2	3.0	4.2	-0.6	3.1
California	5.4	4.2	5.3	4.1	3.7	3.3	4.5	5.1	8.2	3.9	5.1	3.6
Colorado	4.6	5.3	4.1	4.8	6.3	2.0	4.2	4.6	6.6	10.9	3.9	4.4
Connecticut	0.2	4.1	-5.8	4.3	4.2	6.6	3.5	3.3	9.5	2.7	-5.3	4.0
Delaware	2.2	3.3	-0.4	4.1	5.1	0.2	3.1	3.3	5.7	2.2	0.1	3.7
District of Columbia	2.1	4.8	-0.2	3.5	10.2	5.7	3.1	3.5	-2.3	10.4	-0.4	3.0
Florida	1.8	4.3	-1.0	5.2	8.7	3.8	4.2	4.0	3.4	2.8	-0.9	4.9
Georgia	3.4	4.4	2.9	4.7	4.9	2.3	4.1	4.0	3.8	5.0	2.9	4.4
Hawaii	0.8	3.5	-0.1	3.7	2.5	2.9	3.0	4.1	-0.1	2.4	-0.4	3.5
Idaho	4.6	3.7	5.3	4.2	3.8	-2.6	4.5	4.5	3.2	4.6	4.9	3.8
Illinois	3.1	3.0	1.0	1.9	7.9	4.2	3.9	3.7	7.4	5.5	1.1	1.5
Indiana	0.1	3.6	-1.7	3.6	4.6	2.9	3.4	3.5	0.1	4.4	-1.7	3.3
Iowa	4.9	3.9	7.6	3.6	-11.1	-1.5	3.3	3.5	7.4	7.9	7.4	3.4
Kansas	3.7	3.1	6.4	2.9	-5.9	0.9	2.9	2.8	2.2	5.8	6.0	2.7
Kentucky	4.5	2.6	2.8	3.3	6.2	-0.4	3.4	3.5	8.7	1.0	2.6	3.0
Louisiana	4.8	2.3	4.0	2.6	11.1	1.8	2.9	2.9	6.2	1.1	4.8	2.3
Maine	2.6	3.3	1.6	3.2	8.8	2.8	3.2	3.4	3.3	3.6	1.5	2.8
Maryland	2.6	3.9	3.0	4.3	2.2	0.9	2.8	3.1	3.6	5.5	2.9	4.0
Massachusetts	1.0	4.4	-2.3	4.7	6.2	5.4	4.1	4.2	7.4	2.9	-2.2	4.4
Michigan	1.5	4.2	-0.5	3.9	4.7	5.1	4.2	4.1	3.3	4.8	-0.7	3.6
Minnesota	6.8	3.4	7.6	3.5	7.9	0.7	4.1	4.0	6.8	3.4	7.3	3.2
Mississippi	3.2	2.3	2.0	3.0	13.8	-5.7	2.5	2.7	2.6	2.6	2.2	2.7
Missouri	6.1	2.1	7.3	1.5	6.3	2.5	3.7	3.6	5.0	1.8	6.9	1.4
Montana	4.6	3.1	4.1	4.7	7.3	-1.3	4.0	3.9	5.2	0.5	4.0	4.5
Nebraska	2.4	3.5	5.9	4.2	-12.8	-0.3	3.3	3.5	1.5	3.9	5.6	4.0
Nevada	2.0	6.2	-0.5	6.5	6.6	5.3	5.0	4.7	3.6	7.9	-0.8	6.5
New Hampshire	-0.8	5.1	-5.3	4.7	3.3	7.1	3.6	3.7	6.2	7.1	-5.2	4.3
New Jersey	2.8	4.2	1.7	4.1	3.7	6.3	3.4	3.5	2.0	4.1	1.7	3.8
New Mexico	2.3	4.5	1.8	3.8	4.3	0.2	2.8	3.0	2.3	8.4	2.0	3.5
New York	5.0	2.9	5.7	3.7	4.0	4.3	4.0	3.9	5.2	-1.6	5.3	3.4
North Carolina	5.6	3.0	7.0	2.7	7.1	-8.0	4.1	4.0	2.7	7.1	6.8	2.2
North Dakota	6.5	4.6	8.9	4.8	-0.2	-0.5	3.4	3.8	6.4	8.1	8.8	4.7
Ohio	1.9	4.1	0.5	4.2	6.6	4.3	3.6	3.5	2.7	3.9	0.6	3.9
Oklahoma	3.3	2.6	3.4	3.1	5.8	1.0	2.4	2.6	2.0	2.1	3.3	2.9
Oregon	3.5	5.1	2.5	4.7	3.5	4.4	4.3	4.7	5.4	6.8	2.2	4.4
Pennsylvania	2.1	4.7	2.7	4.0	2.1	4.0	3.1	3.3	-0.5	8.3	2.6	3.7
Rhode Island	1.2	3.4	0.2	4.2	6.5	6.1	2.8	2.9	2.4	0.6	-0.3	3.9
South Carolina	1.9	4.4	-0.5	4.2	4.5	2.8	4.2	4.2	4.0	5.7	-0.7	4.0
South Dakota	2.3	3.9	2.2	3.8	-2.1	3.0	3.8	3.9	3.2	4.4	2.0	3.5
Tennessee	3.8	4.4	2.9	4.1	5.6	4.7	3.2	3.6	5.3	5.3	2.7	3.8
Texas	4.2	4.6	3.7	5.0	6.1	3.8	3.8	3.6	4.9	5.1	3.7	4.8
Utah	3.2	4.8	2.8	5.4	2.2	2.5	4.8	4.9	2.8	2.6	2.5	5.0
Vermont	3.0	4.0	2.7	3.6	5.0	1.3	4.0	3.8	3.1	6.1	2.4	3.3
Virginia	2.0	4.1	1.1	5.1	5.9	4.1	3.1	3.4	3.0	1.6	1.2	4.8
Washington	4.5	6.2	4.0	7.5	6.3	4.1	5.1	5.2	4.3	3.9	3.9	6.9
West Virginia	5.0	3.1	7.7	1.1	22.3	2.7	2.7	3.2	0.0	5.9	8.4	0.7
Wisconsin	1.4	3.6	-0.6	3.8	4.2	0.5	3.5	3.6	3.9	4.2	-0.2	3.5
Wyoming	2.7	3.3	1.7	3.7	4.5	0.8	3.5	3.3	2.5	4.2	1.5	3.7

IVA Inventory valuation adjustment
CCAdj Capital consumption adjustment

1. Compensation is by place of work.
2. Excludes government overseas activities.

Table D. Change in State Personal Income by Component and by State, 2018:II and 2018:III

[Millions of dollars, seasonally adjusted at annual rates]

	2018:II								2018:III							
	Personal income	Compensation ¹	Proprietors' income with IVA and CCAdj		Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance	Adjustment for residence	Personal income	Compensation ¹	Proprietors' income with IVA and CCAdj		Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance	Adjustment for residence
			Farm	Nonfarm							Farm	Nonfarm				
United States ²	147,006	72,585	1,446	16,767	33,191	31,894	8,861	-16	172,546	109,505	-8,065	19,938	34,333	29,558	12,703	-20
Alabama	1,280	484	29	195	251	367	65	20	1,723	1,155	-219	182	265	453	142	29
Alaska	238	174	0	46	55	-15	21	-1	357	109	-1	25	60	174	11	0
Arizona	1,449	515	45	158	590	195	73	19	4,103	2,498	-66	303	648	1,008	306	17
Arkansas	679	-133	143	71	339	220	-15	24	937	589	-310	127	299	304	71	-1
California	31,913	19,531	434	1,785	5,791	6,667	2,231	-63	25,592	15,237	-309	2,313	6,675	3,293	1,604	-13
Colorado	3,623	1,991	0	468	735	656	239	12	4,146	2,371	-204	358	798	1,081	271	13
Connecticut	149	-2,097	0	298	514	774	-234	425	2,639	1,475	-6	476	481	230	170	153
Delaware	273	-30	3	42	70	144	1	45	400	328	-50	52	75	57	37	-26
District of Columbia	293	-47	0	219	80	-38	-11	69	673	808	0	127	90	168	80	-440
Florida	4,666	-1,437	570	712	2,875	1,741	-161	44	11,024	7,067	-320	904	2,780	1,422	858	29
Georgia	3,977	2,197	59	419	844	755	265	-32	5,215	3,579	-290	520	832	1,012	408	-30
Hawaii	150	-14	-4	41	124	-3	-6	0	673	440	-3	47	173	71	54	0
Idaho	837	536	3	73	182	106	71	9	680	427	-171	118	184	151	57	27
Illinois	5,437	1,128	396	587	1,415	1,967	154	99	5,388	2,187	-250	793	1,356	1,481	196	17
Indiana	115	-821	157	167	412	21	-103	74	2,786	1,678	-82	292	419	651	200	29
Iowa	1,824	1,729	-492	136	240	461	224	-26	1,474	856	-288	242	259	504	105	6
Kansas	1,320	1,353	-383	148	204	128	169	39	1,099	633	-112	146	201	327	76	-20
Kentucky	2,017	792	40	145	254	944	97	-60	1,191	952	-155	141	261	112	114	-7
Louisiana	2,471	1,238	110	342	260	705	168	-15	1,190	799	-102	179	268	126	83	3
Maine	416	142	7	98	94	115	18	-20	528	288	-15	50	99	126	35	15
Maryland	2,437	1,623	15	183	503	454	201	-141	3,636	2,355	-66	150	560	709	278	205
Massachusetts	1,234	-1,883	3	650	959	1,232	-206	67	5,228	3,704	-6	579	984	496	399	-130
Michigan	1,730	-364	26	339	876	782	-69	2	4,923	2,844	-147	548	863	1,137	343	21
Minnesota	5,106	3,779	239	189	608	808	464	-53	2,629	1,790	-415	452	600	419	212	-4
Mississippi	872	306	115	158	116	190	46	32	631	459	-205	79	126	191	57	38
Missouri	4,159	3,190	113	225	484	688	383	-157	1,488	691	-258	395	471	256	81	14
Montana	562	262	7	78	120	126	38	7	376	302	-73	57	116	13	42	4
Nebraska	581	879	-485	88	166	58	111	-14	854	635	-155	147	175	146	80	-14
Nevada	713	-112	-2	145	429	209	-21	23	2,200	1,394	-19	137	410	459	168	-12
New Hampshire	-159	-630	0	68	130	183	-80	9	1,036	533	-5	148	135	211	63	77
New Jersey	4,076	1,421	2	541	920	416	188	965	6,169	3,358	-3	929	951	852	408	489
New Mexico	479	226	-19	73	115	112	34	5	950	467	-71	74	127	407	58	4
New York	16,135	11,820	10	1,311	2,730	3,029	1,343	-1,423	9,456	7,846	-139	1,579	2,682	-946	866	-700
North Carolina	6,366	4,988	39	583	881	624	629	-119	3,483	1,968	-1,175	422	876	1,592	215	16
North Dakota	639	603	-42	40	78	90	83	-48	465	340	-56	53	87	115	46	-28
Ohio	2,675	444	263	408	853	726	70	52	5,583	3,721	-265	711	837	1,059	428	-52
Oklahoma	1,465	846	-38	392	201	171	109	0	1,153	784	-222	286	215	180	96	6
Oregon	1,796	810	-11	172	441	509	103	-22	2,599	1,502	-53	257	490	652	204	-45
Pennsylvania	3,610	2,819	4	377	934	-181	363	20	8,137	4,154	-180	921	984	2,660	506	103
Rhode Island	171	14	0	59	74	70	-4	-50	489	352	-1	58	79	19	46	29
South Carolina	1,031	-165	24	144	404	468	-31	125	2,348	1,308	-75	180	409	664	164	25
South Dakota	247	133	-48	20	101	53	16	5	413	226	-37	76	104	74	28	-1
Tennessee	2,957	1,368	53	565	364	794	162	-24	3,414	1,921	-86	608	416	814	232	-28
Texas	14,228	8,071	-1	2,345	2,300	2,515	971	-32	15,996	10,945	-733	2,227	2,225	2,649	1,272	-45
Utah	1,102	646	-8	69	347	124	77	0	1,661	1,271	-50	121	358	116	154	-2
Vermont	244	127	-2	35	67	51	17	-18	330	171	-24	33	66	100	23	6
Virginia	2,398	799	6	406	758	496	115	47	4,814	3,767	-113	406	820	273	453	113
Washington	4,930	2,791	92	470	1,252	671	366	21	6,844	5,203	-97	470	1,279	627	657	20
West Virginia	869	745	-3	216	75	2	118	-48	558	106	-28	57	87	293	11	53
Wisconsin	996	-279	-26	228	481	487	-13	90	2,586	1,744	-311	334	490	522	210	18
Wyoming	232	78	1	38	95	29	10	2	284	167	-44	51	89	48	24	-2

IVA Inventory valuation adjustment
 CCAdj Capital consumption adjustment

1. Compensation is by place of work.
2. Excludes government overseas activities.

-
1. Quarterly estimates and percent changes are expressed at seasonally adjusted annual rates, which reflect the rate of activity for the quarter as if it were maintained for a year. The third-quarter 2018 state GDP estimates are aligned with the [national estimates](#) in the February 21, 2019, GDP by industry release.
 2. State personal income, which is measured in current dollars, is the sum of compensation; proprietors' income; dividends, interest, and rent; and personal current transfer receipts, less contributions for government social insurance, plus an adjustment for residence. Quarterly estimates in dollars are expressed at seasonally adjusted annual rates; quarter-to-quarter percent changes are annualized. The third-quarter 2018 state personal income estimates are aligned with the [national estimates](#) that were released on November 29, 2018.
 3. Compensation accounted for 53–70 percent of state personal income in the third quarter of 2018.
 4. There are no farm proprietors in the District of Columbia.



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