

News Release

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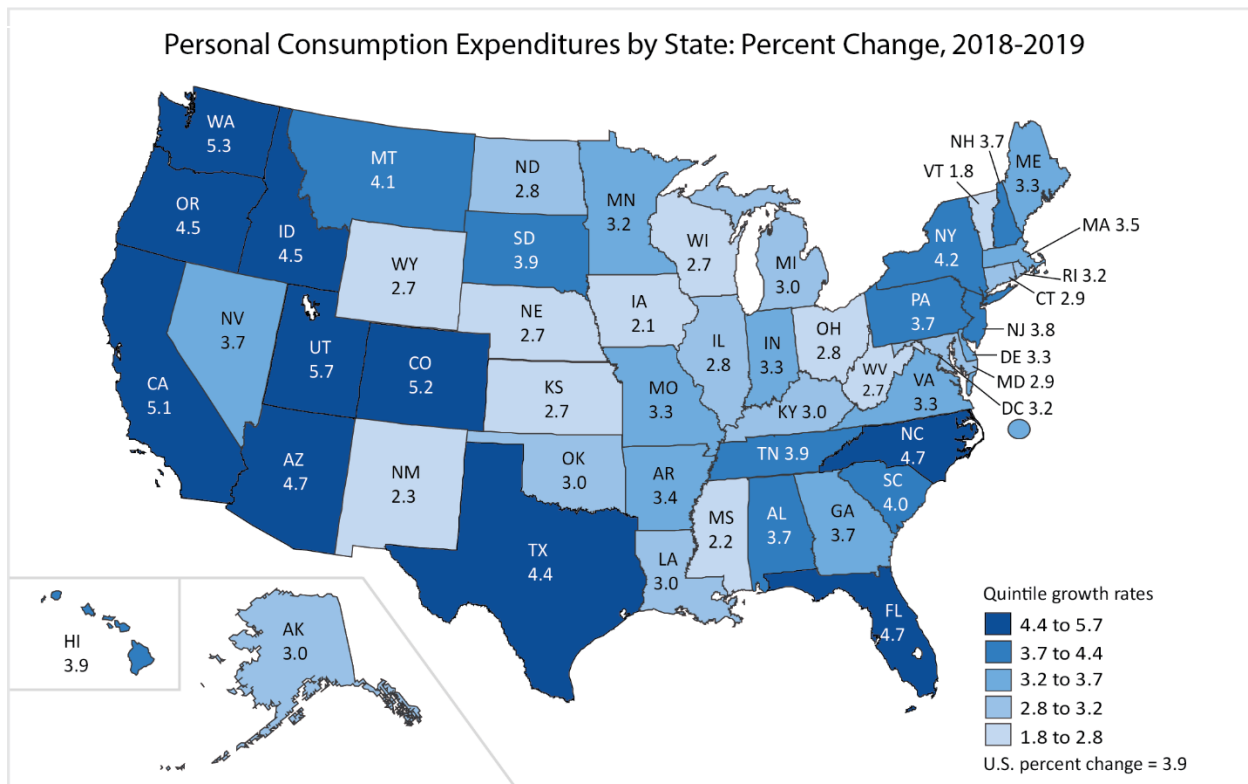
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Personal Consumption Expenditures by State, 2019

State personal consumption expenditures (PCE) increased 3.9 percent in 2019, a deceleration from the 4.9 percent increase in 2018 (table 1), according to statistics released today by the Bureau of Economic Analysis. The percent change in PCE across all states ranged from 5.7 percent in Utah to 1.8 percent in Vermont.



U.S. Bureau of Economic Analysis

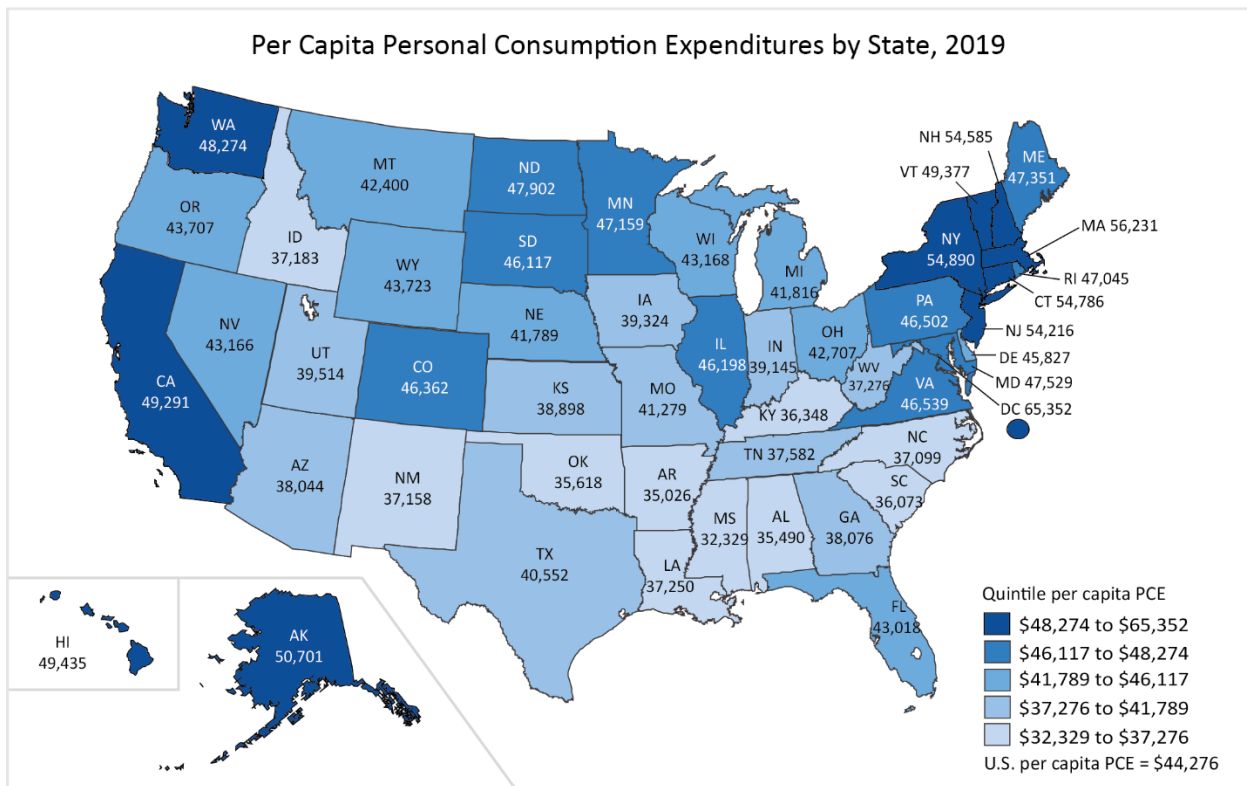
PCE by state highlights

Expenditures on housing and utilities, and on health care grew 4.3 percent and 4.5 percent, respectively (table 2), and were the leading contributors to growth nationally (table 3).

- Expenditures on housing and utilities, and on health care contributed to PCE growth across all states and the District of Columbia.
- Expenditures on housing and utilities increased 5.1 percent in Utah, the fastest growing state, and was the second leading contributor to growth. Expenditures on financial services and insurance in Utah increased 10.5 percent and was the leading contributor to growth.
- Expenditures on housing and utilities, and on healthcare were the leading contributors to growth in the next three fastest growing states: Washington, Colorado, and California.

Nationally, expenditures on gasoline and other energy goods, and on motor vehicles and parts decreased 4.0 and 0.3 percent, respectively.

- Expenditures on gasoline and other energy goods decreased in every state, while spending on motor vehicles and parts ranged from -2.4 percent in Hawaii to 2.5 percent in Arizona.
- Expenditures on gasoline and other energy goods decreased -7.5 percent in Vermont, the slowest growing state, and was the leading contributor to slow growth.



U.S. Bureau of Economic Analysis

Across all states and the District of Columbia, per capita PCE was \$44,276 (table 4). Per capita PCE by state ranged from a high of \$56,231 in Massachusetts to a low of \$32,329 in Mississippi. Per capita PCE in the District of Columbia was \$65,352.

Updates to Personal Consumption Expenditures by State

Today, BEA released revised estimates for 2013 to 2018 (table 5) as well. The update incorporated revised source data that are more complete and more detailed than previously available. Additionally, the update includes the results of the July 2020 annual update of the National Income and Product Accounts and the results of the September 2020 annual update of the state personal income statistics.

Next release: October 8, 2021
Personal Consumption Expenditures by State, 2020

Additional Information

Resources

- Stay informed about BEA developments by reading the BEA [blog](#), 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](#) (API).
- For more on BEA's statistics, see our monthly online journal, the [Survey of Current Business](#).
- BEA's [news release schedule](#)

Definitions

PCE by state is the state counterpart of the Nation's personal consumption expenditures (PCE). PCE by state measures the goods and services purchased by or on behalf of households and the net expenditures of nonprofit institutions serving households (NPISHs) by state of residence for the 50 states and the District of Columbia. PCE by state reflects spending on activities that are attributable to the residents of a state, even when those activities take place outside of the state.

Per capita PCE by state measures average PCE spending per person in a state and it is calculated as PCE in a state divided by the population of the state.

Current-dollar PCE by state statistics are unadjusted for price changes and reflect variation in both prices and quantities.

Statistical conventions

Year-to-year percent changes are calculated from unrounded data.

BEA regions

BEA groups all 50 states and the District of Columbia into eight distinct regions for purposes of presentation and analysis.

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)

Relationship of PCE by state to national PCE. The U.S. PCE by state differs slightly from the PCE in the national accounts because PCE by state excludes the net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents. PCE by state, however, does include the travel expenditures abroad by U.S. residents.

List of News Release Tables

Table 1. Total Personal Consumption Expenditures by State and Region, 2017-2019

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State and Region, 2018-2019

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State and Region, 2019

Table 4. Per Capita Personal Consumption Expenditures by State for Select Categories by State and Region, 2019

Table 5. Revisions to Total Personal Consumption Expenditures by State and Region, 2015-2018

Table 1. Total Personal Consumption Expenditures by State and Region, 2017-2019

	Millions of dollars			Percent change	
	2017	2018	2019	2018	2019
United States¹	13,333,394	13,982,899	14,533,254	4.9	3.9
New England	745,154	776,001	801,416	4.1	3.3
Connecticut	182,612	189,857	195,327	4.0	2.9
Maine	58,853	61,593	63,650	4.7	3.3
Massachusetts	359,649	374,378	387,570	4.1	3.5
New Hampshire	68,532	71,592	74,220	4.5	3.7
Rhode Island	46,363	48,316	49,838	4.2	3.2
Vermont	29,146	30,265	30,811	3.8	1.8
Mideast	2,318,710	2,430,045	2,522,773	4.8	3.8
Delaware	41,177	43,189	44,625	4.9	3.3
District of Columbia	42,316	44,692	46,122	5.6	3.2
Maryland	270,119	279,172	287,344	3.4	2.9
New Jersey	445,135	464,136	481,554	4.3	3.8
New York	972,365	1,024,997	1,067,808	5.4	4.2
Pennsylvania	547,598	573,859	595,321	4.8	3.7
Great Lakes	1,883,936	1,960,162	2,017,107	4.0	2.9
Illinois	547,169	569,241	585,415	4.0	2.8
Indiana	244,452	255,050	263,533	4.3	3.3
Michigan	390,669	405,619	417,615	3.8	3.0
Ohio	467,461	485,588	499,203	3.9	2.8
Wisconsin	234,185	244,664	251,341	4.5	2.7
Plains	852,979	888,454	914,838	4.2	3.0
Iowa	117,647	121,567	124,070	3.3	2.1
Kansas	106,677	110,355	113,323	3.4	2.7
Minnesota	245,242	257,729	265,958	5.1	3.2
Missouri	236,320	245,282	253,348	3.8	3.3
Nebraska	75,922	78,744	80,838	3.7	2.7
North Dakota	33,919	35,493	36,504	4.6	2.8
South Dakota	37,250	39,283	40,798	5.5	3.9
Southeast	3,059,166	3,208,942	3,335,205	4.9	3.9
Alabama	161,137	167,799	174,016	4.1	3.7
Arkansas	98,123	102,266	105,702	4.2	3.4
Florida	835,407	882,110	923,931	5.6	4.7
Georgia	371,696	389,976	404,264	4.9	3.7
Kentucky	151,945	157,587	162,390	3.7	3.0
Louisiana	162,049	168,095	173,167	3.7	3.0
Mississippi	90,720	94,128	96,217	3.8	2.2
North Carolina	351,686	371,704	389,095	5.7	4.7
South Carolina	170,139	178,613	185,731	5.0	4.0
Tennessee	234,704	247,061	256,657	5.3	3.9
Virginia	368,824	384,556	397,231	4.3	3.3
West Virginia	62,735	65,047	66,803	3.7	2.7
Southwest	1,520,103	1,603,858	1,671,602	5.5	4.2
Arizona	250,737	264,431	276,910	5.5	4.7
New Mexico	72,885	76,159	77,913	4.5	2.3
Oklahoma	130,757	136,896	140,938	4.7	3.0
Texas	1,065,724	1,126,372	1,175,841	5.7	4.4
Rocky Mountain	477,334	505,362	530,738	5.9	5.0
Colorado	240,438	253,730	266,988	5.5	5.2
Idaho	59,947	63,585	66,448	6.1	4.5
Montana	41,484	43,539	45,316	5.0	4.1
Utah	111,774	119,867	126,681	7.2	5.7
Wyoming	23,692	24,640	25,305	4.0	2.7
Far West	2,476,013	2,610,076	2,739,575	5.4	5.0
Alaska	34,857	36,015	37,090	3.3	3.0
California	1,759,402	1,852,976	1,947,590	5.3	5.1
Hawaii	64,057	67,372	69,993	5.2	3.9
Nevada	121,792	128,260	132,958	5.3	3.7
Oregon	167,214	176,483	184,344	5.5	4.5
Washington	328,691	348,970	367,599	6.2	5.3

1. The U.S. values reported differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Percent change from preceding period was calculated from unrounded data. Expenditures may not sum to higher-level aggregates because of rounding.

Source: U.S. Bureau of Economic Analysis

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State and Region, 2018-2019--Continues

	[Percent]								
	Total PCE by State	Durable goods				Nondurable goods			
		Motor vehicles and parts	Furnishings and durable household equipment	Recreational goods and vehicles	Other durable goods	Off-premises food and beverages	Clothing and footwear	Gasoline and other energy goods	Other nondurable goods
United States¹	3.9	-0.3	4.1	8.6	2.6	2.7	2.3	-4.0	5.7
New England	3.3	-0.6	4.6	8.8	1.7	2.4	1.4	-5.4	5.7
Connecticut	2.9	-1.1	4.4	7.0	0.3	0.5	0.2	-6.4	3.2
Maine	3.3	1.3	5.4	5.9	2.8	4.4	1.9	-2.8	5.3
Massachusetts	3.5	-1.1	4.3	10.0	2.2	2.7	1.9	-6.3	7.4
New Hampshire	3.7	0.7	6.9	11.7	1.5	3.1	1.6	-4.5	5.0
Rhode Island	3.2	-0.6	4.5	4.0	2.2	2.2	0.7	-1.5	5.5
Vermont	1.8	-0.2	2.9	6.9	0.6	1.8	0.7	-7.5	5.1
Mideast	3.8	-0.1	4.7	6.1	3.1	3.0	2.5	-4.1	6.3
Delaware	3.3	-0.3	4.0	3.7	1.4	1.2	0.4	-3.4	5.2
District of Columbia	3.2	1.6	6.5	11.5	3.7	2.5	4.1	-6.4	7.8
Maryland	2.9	0.4	2.1	6.6	1.2	1.0	0.9	-6.9	5.5
New Jersey	3.8	0.1	4.7	5.0	4.7	3.6	2.0	-3.7	7.7
New York	4.2	-0.4	5.4	4.5	3.4	4.0	3.8	-3.9	6.3
Pennsylvania	3.7	-0.1	4.8	8.3	1.9	2.1	0.4	-3.3	5.5
Great Lakes	2.9	0.0	3.0	7.6	2.1	2.1	0.9	-5.1	5.0
Illinois	2.8	-0.2	2.5	9.5	3.4	3.4	0.9	-9.0	6.8
Indiana	3.3	0.2	3.2	5.7	1.3	1.6	1.6	-4.1	4.3
Michigan	3.0	-1.2	3.1	8.3	2.7	1.9	1.5	-4.1	6.0
Ohio	2.8	0.8	4.2	6.9	0.9	1.5	0.2	-4.6	2.6
Wisconsin	2.7	0.2	1.4	6.1	0.2	1.5	0.1	-2.5	5.1
Plains	3.0	0.2	2.5	6.8	2.6	0.5	0.5	-4.5	4.2
Iowa	2.1	-0.4	0.7	5.3	1.1	0.0	0.1	-5.0	3.4
Kansas	2.7	0.0	0.9	6.0	1.4	0.3	0.1	-5.0	5.1
Minnesota	3.2	1.3	3.8	8.6	5.0	1.3	0.2	-4.3	4.0
Missouri	3.3	-0.1	1.4	6.7	1.1	0.1	1.4	-3.6	4.8
Nebraska	2.7	-0.6	5.9	6.2	1.9	0.3	0.3	-4.6	3.5
North Dakota	2.8	-0.1	2.0	4.6	-0.7	0.1	-0.1	-5.9	2.8
South Dakota	3.9	0.1	4.5	3.7	-0.5	0.3	1.1	-5.9	4.2
Southeast	3.9	0.2	4.3	8.6	2.2	3.0	2.0	-4.1	5.5
Alabama	3.7	0.0	3.8	9.0	2.3	3.0	2.3	-3.7	5.8
Arkansas	3.4	-1.6	4.4	7.6	1.1	0.4	0.2	-5.0	5.4
Florida	4.7	0.3	4.7	8.0	1.3	4.5	1.7	-3.6	6.2
Georgia	3.7	1.4	5.8	7.7	0.9	3.0	1.7	-4.4	5.5
Kentucky	3.0	-1.1	4.3	6.6	1.3	0.4	0.8	-5.8	4.5
Louisiana	3.0	-1.5	0.3	6.3	0.4	1.2	0.3	-4.8	4.6
Mississippi	2.2	-1.1	4.3	5.5	1.3	0.1	0.1	-6.9	2.3
North Carolina	4.7	1.8	4.4	11.5	4.9	4.0	4.9	-3.9	5.7
South Carolina	4.0	0.7	4.9	7.1	4.5	3.0	4.6	-3.4	6.0
Tennessee	3.9	-1.0	4.4	8.5	2.9	2.7	1.6	-0.5	6.0
Virginia	3.3	0.5	3.2	11.8	2.9	2.5	1.3	-4.5	5.9
West Virginia	2.7	0.3	1.5	5.4	0.9	-0.8	0.4	-7.5	3.0
Southwest	4.2	0.0	4.2	8.9	2.3	2.2	1.5	-3.2	4.9
Arizona	4.7	2.5	5.3	10.0	3.7	1.2	2.5	-1.3	8.0
New Mexico	2.3	-2.3	4.2	5.9	-0.3	1.3	0.8	-12.0	2.9
Oklahoma	3.0	0.4	4.8	3.2	1.8	1.8	2.9	-6.1	4.1
Texas	4.4	-0.4	3.9	9.5	2.2	2.5	1.2	-2.4	4.4
Rocky Mountain	5.0	0.0	6.2	8.7	4.0	3.3	4.6	-3.3	6.6
Colorado	5.2	-0.2	5.3	9.7	5.8	3.9	6.3	-3.4	8.2
Idaho	4.5	-1.5	7.1	5.4	2.1	1.7	2.4	-6.8	5.4
Montana	4.1	1.1	5.1	3.3	0.5	2.4	0.8	-5.9	5.6
Utah	5.7	1.3	8.1	11.7	3.1	3.7	3.3	-0.9	5.1
Wyoming	2.7	-1.1	3.2	1.2	1.8	1.3	2.8	-0.2	3.3
Far West	5.0	-2.0	4.0	10.9	3.5	3.5	4.5	-2.5	6.6
Alaska	3.0	-0.5	5.6	6.0	2.4	1.1	2.4	-5.2	5.1
California	5.1	-2.3	3.6	10.5	3.9	3.6	4.9	-1.5	6.8
Hawaii	3.9	-2.4	2.4	6.7	0.9	4.1	0.9	-7.7	6.2
Nevada	3.7	-0.4	5.3	11.2	3.3	4.0	3.7	-5.8	7.0
Oregon	4.5	-1.8	6.1	8.9	2.1	3.7	3.9	-5.0	5.5
Washington	5.3	-1.1	4.0	14.2	3.0	3.1	2.9	-4.4	6.4

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Percent change from preceding period was calculated from unrounded data.

Source: U.S. Bureau of Economic Analysis

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State and Region, 2018-2019--Table Ends

	[Percent]							
	Housing and utilities	Health care	Transportation services	Recreation services	Food services and accommodations	Financial services and insurance	Other services	Final consumption expenditures of NPISHs
United States¹	4.3	4.5	3.6	3.3	4.0	5.0	5.5	0.1
New England	3.5	3.2	1.3	3.0	4.6	4.4	4.0	0.6
Connecticut	3.4	3.9	-0.4	3.1	1.6	7.5	3.4	-1.6
Maine	2.7	2.6	3.6	2.4	4.0	3.6	6.0	3.3
Massachusetts	3.8	2.6	1.6	3.3	6.1	3.2	4.1	0.7
New Hampshire	3.3	5.2	1.5	3.2	3.4	3.4	5.2	2.9
Rhode Island	2.4	4.1	3.7	2.0	6.1	1.8	3.8	0.5
Vermont	2.6	1.7	1.3	1.5	2.0	1.2	1.8	1.1
Mideast	3.5	4.9	2.2	3.0	3.5	5.5	5.0	0.1
Delaware	3.8	5.0	4.6	3.5	4.9	1.8	4.7	0.7
District of Columbia	4.4	3.4	5.0	1.2	4.3	0.8	3.7	-19.4
Maryland	3.9	3.6	2.1	-0.2	3.9	5.1	3.9	-4.6
New Jersey	3.5	5.8	1.1	1.9	2.3	4.6	4.2	0.8
New York	3.2	6.1	2.2	2.7	4.0	6.4	4.5	0.1
Pennsylvania	3.9	2.8	3.0	5.7	2.7	5.2	7.4	2.1
Great Lakes	3.9	2.9	2.3	2.1	2.6	4.5	3.9	-0.2
Illinois	3.9	1.8	1.6	2.0	3.3	3.9	3.9	-2.6
Indiana	4.0	5.0	2.0	3.3	2.5	6.6	4.0	-1.0
Michigan	3.9	3.3	2.7	1.4	1.6	4.3	3.5	0.9
Ohio	3.9	2.9	3.2	2.2	2.7	4.6	3.6	1.1
Wisconsin	3.6	1.8	2.2	2.4	2.4	4.3	5.3	1.5
Plains	4.2	4.1	2.2	1.8	2.3	3.5	4.8	1.0
Iowa	3.7	2.7	1.4	1.9	1.4	3.0	3.5	0.6
Kansas	2.9	4.7	0.2	1.0	2.1	3.3	4.9	-0.3
Minnesota	4.7	3.3	2.7	1.9	2.3	2.4	5.2	1.1
Missouri	3.9	5.3	2.7	1.4	2.9	4.5	5.1	0.3
Nebraska	4.5	2.8	2.1	2.3	2.2	3.9	3.6	1.0
North Dakota	5.7	3.2	2.8	5.1	1.6	4.3	5.2	4.1
South Dakota	5.9	7.1	2.2	2.7	1.6	4.0	5.5	4.7
Southeast	4.6	4.5	4.1	3.0	3.5	4.8	5.3	-2.0
Alabama	3.4	5.2	3.5	3.1	3.9	4.4	4.8	-5.8
Arkansas	3.0	4.6	4.0	2.2	4.5	8.0	3.5	-1.9
Florida	5.1	5.5	3.8	3.9	3.6	5.9	6.7	0.8
Georgia	5.6	3.5	5.2	2.0	3.7	1.9	4.6	-4.6
Kentucky	3.7	3.8	7.5	2.4	3.4	3.3	6.4	1.6
Louisiana	2.9	4.6	2.1	3.5	1.5	7.6	5.4	-0.2
Mississippi	3.3	3.7	1.4	0.1	2.1	4.9	3.0	-0.9
North Carolina	4.9	5.5	4.1	3.9	4.5	6.3	4.0	-6.0
South Carolina	4.2	3.3	4.8	3.5	4.7	6.6	4.7	1.5
Tennessee	5.1	2.8	5.8	1.3	3.9	5.6	6.1	-1.6
Virginia	4.1	4.0	2.7	2.5	2.6	2.1	4.7	-7.1
West Virginia	3.2	6.0	3.2	-0.5	0.9	2.4	4.4	2.9
Southwest	4.8	5.3	3.8	4.0	4.2	6.5	6.6	-1.0
Arizona	4.4	6.9	4.4	3.4	3.5	5.4	6.5	-2.2
New Mexico	3.0	5.1	2.4	3.1	3.2	1.7	3.8	0.6
Oklahoma	3.3	4.6	3.1	2.6	2.2	5.1	4.1	-5.4
Texas	5.3	4.9	3.8	4.4	4.7	7.1	7.0	-0.5
Rocky Mountain	5.9	4.8	5.3	5.7	5.0	6.3	7.3	-1.2
Colorado	6.9	4.4	5.1	5.2	5.0	3.7	6.9	-1.1
Idaho	3.6	6.7	8.4	7.2	5.8	7.0	7.9	-3.8
Montana	5.7	5.7	3.1	4.4	3.4	6.3	4.9	1.9
Utah	5.1	4.4	5.3	7.0	5.5	10.5	9.3	-2.6
Wyoming	4.2	3.8	4.5	3.2	4.4	0.5	4.5	-1.2
Far West	4.7	5.5	6.0	4.6	5.9	4.9	7.3	1.4
Alaska	2.0	5.3	3.9	-0.2	2.9	2.8	2.1	2.3
California	4.7	5.4	6.4	5.1	6.6	5.4	7.6	1.4
Hawaii	3.4	5.8	4.9	2.0	3.5	4.0	6.2	1.4
Nevada	4.3	4.6	2.7	3.1	1.3	1.7	5.9	-0.9
Oregon	4.5	5.9	3.4	3.3	3.9	5.6	7.0	1.5
Washington	5.6	6.5	5.8	4.6	4.4	4.9	7.2	2.1

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Percent change from preceding period was calculated from unrounded data.

Source: U.S. Bureau of Economic Analysis

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State and Region, 2019--Continues

	[Percentage points]								
	Total PCE by State	Durable goods				Nondurable goods			
		Motor vehicles and parts	Furnishings and durable household equipment	Recreational goods and vehicles	Other durable goods	Off-premises food and beverages	Clothing and footwear	Gasoline and other energy goods	Other nondurable goods
United States¹	3.9	-0.01	0.10	0.25	0.04	0.19	0.07	-0.10	0.46
New England	3.3	-0.02	0.10	0.24	0.03	0.17	0.03	-0.12	0.46
Connecticut	2.9	-0.03	0.10	0.16	0.00	0.03	0.00	-0.14	0.28
Maine	3.3	0.05	0.13	0.16	0.04	0.40	0.04	-0.12	0.48
Massachusetts	3.5	-0.03	0.09	0.31	0.04	0.18	0.05	-0.11	0.56
New Hampshire	3.7	0.03	0.14	0.26	0.03	0.23	0.04	-0.14	0.37
Rhode Island	3.2	-0.02	0.09	0.07	0.03	0.16	0.02	-0.03	0.52
Vermont	1.8	-0.01	0.06	0.17	0.01	0.15	0.01	-0.27	0.39
Mideast	3.8	0.00	0.10	0.12	0.05	0.19	0.07	-0.08	0.53
Delaware	3.3	-0.01	0.07	0.11	0.03	0.09	0.01	-0.09	0.35
District of Columbia	3.2	0.03	0.13	0.23	0.05	0.16	0.11	-0.08	0.41
Maryland	2.9	0.02	0.05	0.15	0.02	0.06	0.02	-0.15	0.44
New Jersey	3.8	0.00	0.11	0.11	0.08	0.23	0.06	-0.06	0.60
New York	4.2	-0.01	0.11	0.07	0.05	0.24	0.13	-0.05	0.57
Pennsylvania	3.7	0.00	0.11	0.20	0.03	0.14	0.01	-0.08	0.46
Great Lakes	2.9	0.00	0.07	0.21	0.03	0.15	0.02	-0.14	0.41
Illinois	2.8	-0.01	0.05	0.25	0.06	0.21	0.03	-0.19	0.53
Indiana	3.3	0.01	0.08	0.16	0.02	0.12	0.04	-0.14	0.38
Michigan	3.0	-0.04	0.07	0.23	0.06	0.14	0.04	-0.11	0.51
Ohio	2.8	0.03	0.10	0.19	0.01	0.12	0.01	-0.12	0.21
Wisconsin	2.7	0.01	0.03	0.21	0.00	0.10	0.00	-0.08	0.41
Plains	3.0	0.01	0.06	0.20	0.04	0.03	0.01	-0.15	0.34
Iowa	2.1	-0.02	0.02	0.17	0.02	0.00	0.00	-0.20	0.29
Kansas	2.7	0.00	0.03	0.14	0.02	0.02	0.00	-0.14	0.44
Minnesota	3.2	0.05	0.09	0.29	0.12	0.08	0.00	-0.11	0.26
Missouri	3.3	0.00	0.03	0.18	0.01	0.00	0.03	-0.13	0.45
Nebraska	2.7	-0.03	0.17	0.17	0.03	0.02	0.01	-0.17	0.28
North Dakota	2.8	-0.01	0.06	0.17	-0.01	0.01	0.00	-0.27	0.20
South Dakota	3.9	0.00	0.11	0.12	-0.01	0.02	0.02	-0.23	0.27
Southeast	3.9	0.01	0.12	0.25	0.03	0.23	0.06	-0.11	0.50
Alabama	3.7	0.00	0.10	0.25	0.03	0.24	0.07	-0.12	0.62
Arkansas	3.4	-0.07	0.12	0.22	0.02	0.03	0.01	-0.19	0.49
Florida	4.7	0.01	0.16	0.28	0.02	0.35	0.04	-0.07	0.52
Georgia	3.7	0.06	0.16	0.21	0.01	0.24	0.05	-0.13	0.47
Kentucky	3.0	-0.05	0.10	0.18	0.02	0.04	0.02	-0.20	0.47
Louisiana	3.0	-0.07	0.01	0.16	0.01	0.10	0.01	-0.16	0.44
Mississippi	2.2	-0.05	0.10	0.15	0.02	0.01	0.00	-0.25	0.23
North Carolina	4.7	0.08	0.12	0.35	0.08	0.32	0.14	-0.12	0.55
South Carolina	4.0	0.03	0.13	0.19	0.08	0.26	0.15	-0.12	0.57
Tennessee	3.9	-0.05	0.12	0.25	0.04	0.20	0.05	-0.02	0.57
Virginia	3.3	0.02	0.08	0.29	0.04	0.17	0.03	-0.11	0.45
West Virginia	2.7	0.01	0.03	0.13	0.01	-0.07	0.01	-0.25	0.31
Southwest	4.2	0.00	0.11	0.24	0.04	0.16	0.05	-0.10	0.42
Arizona	4.7	0.11	0.15	0.28	0.07	0.09	0.07	-0.03	0.68
New Mexico	2.3	-0.10	0.10	0.15	-0.01	0.11	0.02	-0.46	0.21
Oklahoma	3.0	0.02	0.13	0.09	0.03	0.12	0.09	-0.24	0.37
Texas	4.4	-0.02	0.10	0.26	0.04	0.18	0.04	-0.07	0.37
Rocky Mountain	5.0	0.00	0.18	0.32	0.06	0.26	0.12	-0.09	0.48
Colorado	5.2	-0.01	0.15	0.31	0.09	0.31	0.17	-0.08	0.57
Idaho	4.5	-0.08	0.20	0.22	0.03	0.14	0.06	-0.25	0.37
Montana	4.1	0.05	0.15	0.15	0.01	0.20	0.02	-0.19	0.41
Utah	5.7	0.06	0.26	0.52	0.05	0.26	0.09	-0.03	0.43
Wyoming	2.7	-0.05	0.07	0.03	0.02	0.10	0.06	-0.01	0.21
Far West	5.0	-0.06	0.09	0.38	0.05	0.25	0.13	-0.05	0.44
Alaska	3.0	-0.01	0.13	0.19	0.03	0.09	0.05	-0.10	0.34
California	5.1	-0.07	0.08	0.34	0.06	0.24	0.15	-0.03	0.45
Hawaii	3.9	-0.07	0.06	0.20	0.02	0.34	0.02	-0.11	0.49
Nevada	3.7	-0.01	0.15	0.35	0.07	0.30	0.10	-0.14	0.58
Oregon	4.5	-0.06	0.18	0.34	0.03	0.31	0.11	-0.12	0.38
Washington	5.3	-0.03	0.10	0.71	0.04	0.22	0.07	-0.09	0.40

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Category contributions were calculated from unrounded data and may not sum up due to rounding.

Source: U.S. Bureau of Economic Analysis

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State and Region, 2019--Table Ends

	[Percentage points]							
	Services							Final consumption expenditures of NPISHs
	Housing and utilities	Health care	Transportation services	Recreation services	Food services and accommodations	Financial services and insurance	Other services	
United States¹	0.79	0.76	0.12	0.13	0.27	0.40	0.45	0.00
New England	0.66	0.53	0.04	0.13	0.29	0.35	0.37	0.02
Connecticut	0.69	0.59	-0.01	0.12	0.08	0.72	0.34	-0.07
Maine	0.43	0.45	0.08	0.09	0.27	0.26	0.42	0.16
Massachusetts	0.73	0.44	0.06	0.15	0.41	0.24	0.39	0.03
New Hampshire	0.61	0.88	0.05	0.14	0.20	0.29	0.42	0.12
Rhode Island	0.47	0.69	0.11	0.08	0.51	0.12	0.31	0.02
Vermont	0.48	0.32	0.03	0.06	0.13	0.07	0.13	0.07
Mideast	0.66	0.80	0.09	0.13	0.22	0.41	0.51	0.01
Delaware	0.69	0.98	0.10	0.10	0.32	0.14	0.41	0.02
District of Columbia	0.80	0.55	0.18	0.04	0.28	0.06	0.74	-0.50
Maryland	0.89	0.59	0.07	-0.01	0.26	0.31	0.36	-0.15
New Jersey	0.73	0.86	0.04	0.08	0.12	0.31	0.44	0.05
New York	0.57	1.00	0.11	0.11	0.28	0.50	0.49	0.00
Pennsylvania	0.64	0.51	0.10	0.27	0.15	0.44	0.68	0.09
Great Lakes	0.64	0.51	0.08	0.09	0.16	0.36	0.30	-0.01
Illinois	0.69	0.30	0.06	0.08	0.22	0.31	0.38	-0.12
Indiana	0.64	1.02	0.06	0.14	0.15	0.40	0.27	-0.03
Michigan	0.65	0.57	0.13	0.06	0.10	0.28	0.23	0.05
Ohio	0.60	0.55	0.10	0.09	0.16	0.47	0.25	0.05
Wisconsin	0.61	0.34	0.07	0.10	0.14	0.34	0.38	0.07
Plains	0.70	0.74	0.07	0.08	0.14	0.30	0.36	0.04
Iowa	0.60	0.46	0.04	0.07	0.08	0.25	0.27	0.03
Kansas	0.51	0.84	0.01	0.04	0.13	0.30	0.37	-0.01
Minnesota	0.84	0.60	0.09	0.10	0.13	0.18	0.43	0.05
Missouri	0.64	0.96	0.08	0.06	0.19	0.38	0.38	0.01
Nebraska	0.72	0.50	0.06	0.09	0.13	0.41	0.26	0.03
North Dakota	0.84	0.60	0.07	0.20	0.10	0.39	0.34	0.17
South Dakota	0.82	1.50	0.05	0.09	0.10	0.51	0.28	0.19
Southeast	0.82	0.78	0.10	0.10	0.26	0.39	0.42	-0.03
Alabama	0.56	0.91	0.08	0.11	0.27	0.36	0.32	-0.10
Arkansas	0.48	0.86	0.09	0.07	0.27	0.80	0.23	-0.05
Florida	0.95	0.91	0.11	0.14	0.29	0.51	0.52	0.00
Georgia	0.99	0.57	0.14	0.07	0.27	0.14	0.45	-0.04
Kentucky	0.60	0.73	0.16	0.09	0.22	0.22	0.39	0.05
Louisiana	0.49	0.84	0.05	0.12	0.11	0.58	0.33	0.00
Mississippi	0.56	0.73	0.03	0.00	0.14	0.40	0.17	-0.02
North Carolina	0.85	1.00	0.10	0.15	0.33	0.43	0.32	-0.03
South Carolina	0.72	0.54	0.11	0.13	0.38	0.44	0.35	0.03
Tennessee	0.89	0.50	0.13	0.05	0.30	0.45	0.43	-0.03
Virginia	0.85	0.58	0.07	0.09	0.17	0.21	0.51	-0.14
West Virginia	0.47	1.41	0.05	-0.01	0.06	0.16	0.24	0.15
Southwest	0.83	0.84	0.11	0.17	0.31	0.56	0.50	-0.02
Arizona	0.84	1.12	0.16	0.15	0.29	0.31	0.47	-0.04
New Mexico	0.54	0.92	0.07	0.12	0.24	0.13	0.25	0.02
Oklahoma	0.54	0.85	0.06	0.11	0.16	0.45	0.27	-0.08
Texas	0.89	0.76	0.11	0.18	0.34	0.66	0.55	-0.01
Rocky Mountain	1.10	0.75	0.19	0.27	0.38	0.50	0.54	-0.03
Colorado	1.37	0.67	0.21	0.26	0.41	0.23	0.58	-0.03
Idaho	0.65	1.19	0.23	0.32	0.37	0.64	0.44	-0.04
Montana	0.92	1.04	0.08	0.15	0.25	0.47	0.29	0.07
Utah	0.91	0.59	0.17	0.36	0.36	1.08	0.63	-0.05
Wyoming	0.75	0.63	0.12	0.11	0.37	0.06	0.26	-0.03
Far West	0.99	0.90	0.23	0.18	0.42	0.38	0.58	0.05
Alaska	0.37	1.15	0.11	-0.01	0.21	0.16	0.16	0.13
California	1.02	0.87	0.25	0.19	0.50	0.40	0.61	0.04
Hawaii	0.74	0.85	0.15	0.07	0.18	0.33	0.57	0.06
Nevada	0.77	0.62	0.07	0.11	0.06	0.29	0.36	-0.03
Oregon	0.90	1.00	0.11	0.15	0.29	0.35	0.45	0.05
Washington	1.11	1.08	0.23	0.21	0.29	0.33	0.58	0.08

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Category contributions were calculated from unrounded data and may not sum up due to rounding.

Source: U.S. Bureau of Economic Analysis

Table 4. Per Capita Personal Consumption Expenditures by State and Region for Select Categories, 2019

	[Dollars]					
	Total Personal Consumption Expenditures	Housing and utilities	Health care	Off-premises food and beverages	Gasoline and other energy goods	All other Personal Consumption Expenditures
United States¹	44,276	8,168	7,467	3,125	1,022	24,495
New England	53,985	10,293	8,848	3,746	1,119	29,980
Connecticut	54,786	11,140	8,218	3,399	1,062	30,967
Maine	47,351	7,444	8,216	4,299	1,889	25,503
Massachusetts	56,231	10,710	9,324	3,761	885	31,551
New Hampshire	54,585	10,180	9,380	4,091	1,531	29,403
Rhode Island	47,045	9,248	7,889	3,393	1,043	25,472
Vermont	49,377	9,018	9,012	4,206	1,603	25,538
Mideast	51,630	9,598	8,596	3,185	870	29,381
Delaware	45,827	8,335	9,071	3,468	1,170	23,783
District of Columbia	65,352	11,936	10,487	4,058	696	38,176
Maryland	47,529	11,051	7,717	2,866	908	24,986
New Jersey	54,216	11,215	8,229	3,442	867	30,463
New York	54,890	9,657	9,165	3,206	701	32,161
Pennsylvania	46,502	7,667	8,262	3,054	1,099	26,420
Great Lakes	43,006	7,239	7,716	3,056	1,068	23,927
Illinois	46,198	8,350	7,378	2,942	879	26,648
Indiana	39,145	6,325	8,156	2,985	1,255	20,424
Michigan	41,816	7,154	7,203	3,118	1,074	23,266
Ohio	42,707	6,617	8,033	3,215	1,042	23,800
Wisconsin	43,168	7,273	8,187	2,959	1,307	23,441
Plains	42,696	7,216	7,805	2,872	1,322	23,482
Iowa	39,324	6,517	6,702	2,866	1,478	21,761
Kansas	38,898	6,831	7,042	3,148	1,024	20,853
Minnesota	47,159	8,524	8,618	2,886	1,150	25,981
Missouri	41,279	6,792	7,606	2,722	1,375	22,783
Nebraska	41,789	6,759	7,518	2,908	1,447	23,157
North Dakota	47,902	7,233	8,954	2,983	1,986	26,746
South Dakota	46,117	6,550	10,083	2,756	1,636	25,092
Southeast	39,283	7,087	6,753	3,081	1,012	21,349
Alabama	35,490	5,828	6,296	2,815	1,055	19,496
Arkansas	35,026	5,577	6,552	2,553	1,234	19,112
Florida	43,018	8,065	7,107	3,361	798	23,687
Georgia	38,076	6,843	6,215	3,128	1,038	20,852
Kentucky	36,348	5,911	6,991	3,253	1,145	19,048
Louisiana	37,250	6,370	6,928	2,942	1,139	19,870
Mississippi	32,329	5,590	6,465	2,750	1,072	16,452
North Carolina	37,099	6,486	6,815	2,982	1,013	19,802
South Carolina	36,073	6,175	5,890	3,068	1,245	19,695
Tennessee	37,582	6,665	6,584	2,755	1,079	20,499
Virginia	46,539	9,654	6,837	3,191	1,042	25,815
West Virginia	37,276	5,572	9,071	2,902	1,121	18,609
Southwest	39,491	6,831	6,342	2,858	1,096	22,364
Arizona	38,044	7,228	6,303	2,846	962	20,705
New Mexico	37,158	6,590	6,825	2,970	1,223	19,549
Oklahoma	35,618	5,837	6,622	2,340	1,302	19,518
Texas	40,552	6,885	6,279	2,923	1,092	23,373
Rocky Mountain	42,804	8,085	6,577	3,251	1,132	23,760
Colorado	46,362	9,386	6,920	3,572	991	25,493
Idaho	37,183	6,607	6,777	2,903	1,220	19,676
Montana	42,400	7,000	7,931	3,506	1,243	22,719
Utah	39,514	6,969	5,259	2,762	1,078	23,446
Wyoming	43,723	7,877	7,336	3,367	2,352	22,791
Far West	48,426	10,150	7,901	3,300	910	26,165
Alaska	50,701	9,098	11,337	3,825	882	25,560
California	49,291	10,601	8,005	3,224	922	26,539
Hawaii	49,435	10,726	7,390	4,141	631	26,546
Nevada	43,166	7,713	5,844	3,267	945	25,397
Oregon	43,707	8,708	7,596	3,538	963	22,901
Washington	48,274	9,585	8,129	3,370	860	26,328

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Per capita values were calculated from unrounded data.

Source: U.S. Bureau of Economic Analysis

Table 5. Revisions to Total Personal Consumption Expenditures by State and Region, 2015-2018

	Revised PCE (Millions of dollars)				Revision (Millions of dollars)				Percent revision			
	2015	2016	2017	2018	2015	2016	2017	2018	2015	2016	2017	2018
United States¹	12,290,166	12,762,931	13,333,394	13,982,899	12,768	21,048	27,834	-5,863	0.1	0.2	0.2	0.0
New England	696,900	718,423	745,154	776,001	-2,036	-1,643	-3,585	-4,025	-0.3	-0.2	-0.5	-0.5
Connecticut	172,080	176,916	182,612	189,857	-112	790	725	716	-0.1	0.4	0.4	0.4
Maine	54,459	56,316	58,853	61,593	245	616	863	699	0.5	1.1	1.5	1.1
Massachusetts	335,471	346,206	359,649	374,378	-2,457	-3,911	-6,066	-5,899	-0.7	-1.1	-1.7	-1.6
New Hampshire	63,517	65,837	68,532	71,592	442	953	998	893	0.7	1.5	1.5	1.3
Rhode Island	43,554	44,742	46,363	48,316	368	459	653	585	0.9	1.0	1.4	1.2
Vermont	27,820	28,406	29,146	30,265	-522	-550	-758	-1,018	-1.8	-1.9	-2.5	-3.3
Mideast	2,162,033	2,233,711	2,318,710	2,430,045	-6,684	-7,431	-9,329	-13,330	-0.3	-0.3	-0.4	-0.5
Delaware	38,470	39,611	41,177	43,189	274	298	467	534	0.7	0.8	1.1	1.3
District of Columbia	38,934	40,675	42,316	44,692	62	308	247	331	0.2	0.8	0.6	0.7
Maryland	251,773	260,093	270,119	279,172	-1,176	-1,667	-2,250	-3,749	-0.5	-0.6	-0.8	-1.3
New Jersey	420,483	432,145	445,135	464,136	-2,601	-3,126	-4,102	-5,600	-0.6	-0.7	-0.9	-1.2
New York	898,440	932,620	972,365	1,024,997	-2,692	-3,648	-4,367	-4,891	-0.3	-0.4	-0.4	-0.5
Pennsylvania	513,934	528,567	547,598	573,859	-551	404	677	43	-0.1	0.1	0.1	0.0
Great Lakes	1,753,867	1,811,549	1,883,936	1,960,162	4,692	7,111	7,909	1,753	0.3	0.4	0.4	0.1
Illinois	511,457	527,429	547,169	569,241	-988	-1,203	-2,371	-5,188	-0.2	-0.2	-0.4	-0.9
Indiana	224,000	232,628	244,452	255,050	658	1,575	2,330	2,900	0.3	0.7	1.0	1.2
Michigan	365,199	377,298	390,669	405,619	1,597	1,162	406	-1,856	0.4	0.3	0.1	-0.5
Ohio	435,133	448,629	467,461	485,588	3,683	6,034	8,578	8,052	0.9	1.4	1.9	1.7
Wisconsin	218,079	225,565	234,185	244,664	-258	-456	-1,034	-2,154	-0.1	-0.2	-0.4	-0.9
Plains	794,063	819,458	852,979	888,454	-7,052	-7,908	-10,175	-12,628	-0.9	-1.0	-1.2	-1.4
Iowa	109,576	113,259	117,647	121,567	-803	-617	-886	-1,347	-0.7	-0.5	-0.7	-1.1
Kansas	100,308	103,470	106,677	110,355	108	633	501	16	0.1	0.6	0.5	0.0
Minnesota	225,868	234,017	245,242	257,729	-3,779	-5,681	-7,770	-8,431	-1.6	-2.4	-3.1	-3.2
Missouri	220,163	226,901	236,320	245,282	-754	-96	415	-142	-0.3	0.0	0.2	-0.1
Nebraska	70,324	73,081	75,922	78,744	-815	-928	-1,146	-1,687	-1.1	-1.3	-1.5	-2.1
North Dakota	33,871	33,342	33,919	35,493	-1,072	-1,261	-1,433	-1,370	-3.1	-3.6	-4.1	-3.7
South Dakota	33,954	35,388	37,250	39,283	62	43	144	334	0.2	0.1	0.4	0.9
Southeast	2,819,238	2,931,725	3,059,166	3,208,942	10,426	18,528	21,282	19,182	0.4	0.6	0.7	0.6
Alabama	150,798	155,348	161,137	167,799	1,110	2,124	2,563	2,083	0.7	1.4	1.6	1.3
Arkansas	90,703	94,121	98,123	102,266	-425	-461	-715	-489	-0.5	-0.5	-0.7	-0.5
Florida	766,806	799,109	835,407	882,110	4,353	5,947	6,006	5,688	0.6	0.7	0.7	0.6
Georgia	338,671	353,524	371,696	389,976	4,141	5,342	7,604	6,142	1.2	1.5	2.1	1.6
Kentucky	140,675	146,464	151,945	157,587	388	1,247	1,277	521	0.3	0.9	0.8	0.3
Louisiana	153,753	157,367	162,049	168,095	-477	-352	-10	-150	-0.3	-0.2	0.0	-0.1
Mississippi	85,515	87,973	90,720	94,128	533	987	1,203	1,297	0.6	1.1	1.3	1.4
North Carolina	320,532	334,899	351,686	371,704	451	1,196	644	821	0.1	0.4	0.2	0.2
South Carolina	156,308	163,229	170,139	178,613	475	967	1,241	2,248	0.3	0.6	0.7	1.3
Tennessee	214,035	223,767	234,704	247,061	-104	899	662	1,036	0.0	0.4	0.3	0.4
Virginia	342,045	354,924	368,824	384,556	477	948	952	78	0.1	0.3	0.3	0.0
West Virginia	59,397	61,001	62,735	65,047	-497	-315	-143	-92	-0.8	-0.5	-0.2	-0.1
Southwest	1,396,088	1,449,632	1,520,103	1,603,858	11,604	13,584	15,710	13,674	0.8	0.9	1.0	0.9
Arizona	225,844	235,897	250,737	264,431	4,179	6,290	7,757	6,925	1.9	2.7	3.2	2.7
New Mexico	69,076	70,865	72,885	76,159	152	219	272	183	0.2	0.3	0.4	0.2
Oklahoma	124,122	127,103	130,757	136,896	563	791	1,115	859	0.5	0.6	0.9	0.6
Texas	977,046	1,015,767	1,065,724	1,126,372	6,711	6,285	6,566	5,708	0.7	0.6	0.6	0.5
Rocky Mountain	429,523	451,710	477,334	505,362	911	1,300	1,650	-54	0.2	0.3	0.3	0.0
Colorado	215,865	227,754	240,438	253,730	1,772	3,060	3,362	2,135	0.8	1.4	1.4	0.8
Idaho	53,196	56,089	59,947	63,585	-432	-728	-769	-929	-0.8	-1.3	-1.3	-1.4
Montana	38,600	39,738	41,484	43,539	-755	-1,101	-1,622	-1,819	-1.9	-2.7	-3.8	-4.0
Utah	98,841	105,031	111,774	119,867	393	112	678	627	0.4	0.1	0.6	0.5
Wyoming	23,022	23,098	23,692	24,640	-66	-43	1	-68	-0.3	-0.2	0.0	-0.3
Far West	2,238,454	2,346,724	2,476,013	2,610,076	907	-2,495	4,372	-10,435	0.0	-0.1	0.2	-0.4
Alaska	33,012	33,685	34,857	36,015	-432	-576	-692	-1,039	-1.3	-1.7	-1.9	-2.8
California	1,589,635	1,667,746	1,759,402	1,852,976	2,572	-570	6,044	-5,445	0.2	0.0	0.3	-0.3
Hawaii	59,262	61,463	64,057	67,372	-849	-1,375	-1,854	-1,890	-1.4	-2.2	-2.8	-2.7
Nevada	110,993	115,988	121,792	128,260	1,353	1,900	2,906	2,459	1.2	1.7	2.4	2.0
Oregon	151,249	158,185	167,214	176,483	-1,478	-2,036	-2,259	-2,532	-1.0	-1.3	-1.3	-1.4
Washington	294,303	309,657	328,691	348,970	-259	163	226	-1,989	-0.1	0.1	0.1	-0.6

1. The U.S. values reported differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Note: Percent revision from preceding period was calculated from unrounded data. Expenditures may not sum to higher-level aggregates because of rounding.

Source: U.S. Bureau of Economic Analysis