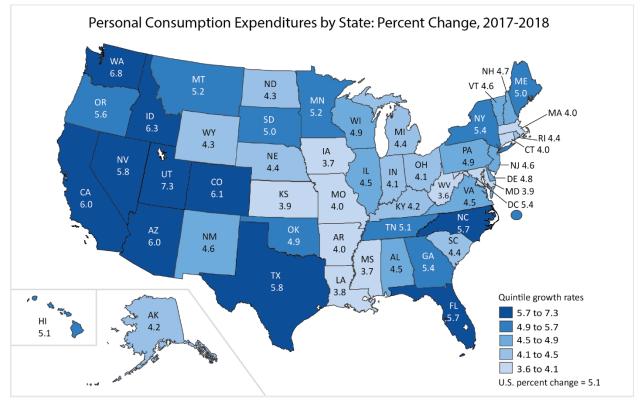


News Release

EMBARGOED UNTIL RELEASE AT 8:30 A.M. EDT, THURSDAY, OCTOBER 3, 2019								
Technical:	Steven Zemanek	(301) 278-9578	Steven.Zemanek@b	ea.gov				
			pcebystate@bea.go	V				
Media:	Jeannine Aversa	(301) 278-9003	Jeannine.Aversa@b	ea.gov				

Personal Consumption Expenditures by State, 2018

State personal consumption expenditures (PCE) increased 5.1 percent in 2018, an acceleration from the 4.4 percent increase in 2017 (table 1), according to statistics released today by the Bureau of Economic Analysis. The percent change in PCE across all states ranged from 7.3 percent in Utah to 3.6 percent in West Virginia.



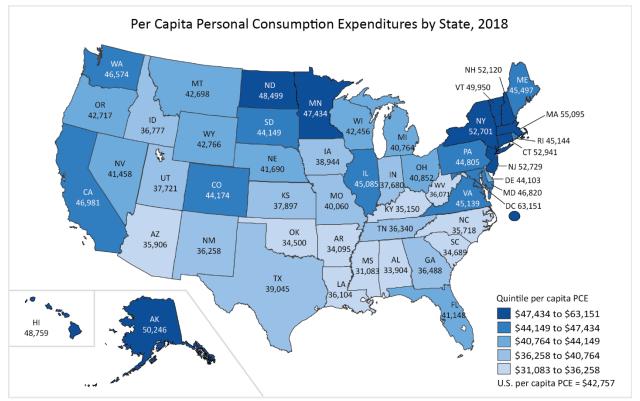
U.S. Bureau of Economic Analysis

PCE by state highlights

Expenditures on health care, and on housing and utilities increased 4.9 and 4.6 percent, respectively (table 2), and were the leading contributors to growth nationally (table 3).



- Expenditures on housing and utilities, other nondurable goods, and health care increased 5.2, 10.6, and 5.0 percent, respectively in Utah, the fastest growing state, and were the leading contributors to growth.
- Expenditures on health care, and housing and utilities were the leading contributors to the increase in PCE in Idaho, Washington, California, and Arizona.
- In West Virginia and Iowa, PCE expenditure growth was below the U.S. in every expenditure category.



U.S. Bureau of Economic Analysis

Across all states and the District of Columbia, per capita PCE was \$42,757 (table 4). Per capita PCE by state ranged from a high of \$55,095 in Massachusetts to a low of \$31,083 in Mississippi. Per capita PCE in the District of Columbia was \$63,151.

- Massachusetts, Connecticut, and New Jersey had above average per capita spending on housing and utilities, and health care.
- Mississippi, Alabama, Arkansas, and Oklahoma were among the states with the lowest per capita spending on housing and utilities, and health care.



Updates to Personal Consumption Expenditures by State

Today, BEA also released revised estimates for 2014 to 2017 (table 5). The update incorporates revised source data that are more complete than previously available. The update also includes the results of the July 2019 annual update of the National Income and Product Accounts and the results of the September 2019 annual update of the state personal income statistics.

Next release: October 8, 2020 Personal Consumption Expenditures by State, 2019

Additional Information

Resources

- Stay informed about BEA developments by reading the BEA <u>blog</u>, signing up for BEA's <u>email</u> <u>subscription service</u>, or following BEA on Twitter <u>@BEA_News</u>.
- 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 <u>Survey of Current Business</u>.
- BEA's <u>news release schedule</u>

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, 2016-2018

- Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State and Region, 2017-2018
- Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State and Region, 2018

Table 4. Per Capita Personal Consumption Expenditures by State and Region for Select Categories, 2018

Table 5. Revisions to Total Personal Consumption Expenditures by State and Region, 2014-2017

Table 1. Total Personal Consum	ption Expenditures b	v State and Region, 2016-2018
	puon expenditures b	y State and Region, 2010-2010

		Millions of dollars				
	2016	2017	2018	Percent 2017	2018	
United States ¹	12,741,883	13,305,559	13,988,762	4.4	5.1	
New England	720,066	748,738	780,026	4.0	4.2	
Connecticut	176,126	181,887	189,141	3.3	4.0	
Maine	55,700	57,989	60,894	4.1	5.0	
Massachusetts	350,117	365,714	380,277	4.5	4.0	
New Hampshire	64,884	67,534	70,699	4.1	4.7	
Rhode Island	44,283	45,710	47,731	3.2	4.4	
Vermont	28,955	29,904	31,284	3.3	4.6	
Mideast	2,241,141	2,328,039	2,443,375	3.9	5.0	
Delaware	39,313	40,711	42,655	3.6	4.8	
District of Columbia	40,367	42,069	44,361	4.2	5.4	
Maryland	261,760	272,369	282,921	4.1	3.9	
New Jersey	435,270	449,237	469,735	3.2	4.6	
New York	936,268	976,732	1,029,888	4.3	5.4	
Pennsylvania	528,162	546,921	573,815	3.6	4.9	
Great Lakes	1,804,437	1,876,027	1,958,409	4.0	4.4	
Illinois	528,632	549,540	574,429	4.0	4.5	
Indiana	231,053	242,122	252,150	4.8	4.1	
Michigan	376,136	390,263	407,475	3.8	4.4	
Ohio	442,596	458,883	477,536	3.7	4.1	
Wisconsin	226,021	235,220	246,818	4.1	4.9	
Plains	827,366	863,154	901,082	4.3	4.4	
Iowa	113,876	118,533	122,914	4.1	3.7	
Kansas	102,838	106,176	110,339	3.2	3.9	
Minnesota	239,698	253,012	266,161	5.6	5.2	
Missouri	226,997	235,905	245,425	3.9	4.0	
Nebraska	74,009	77,068	80,432	4.1	4.4	
North Dakota	34,603	35,353	36,863	2.2	4.3	
South Dakota	35,345	37,107	38,950	5.0	5.0	
Southeast	2,913,198	3,037,883	3,189,760	4.3	5.0	
Alabama	153,224	158,574	165,716	3.5	4.5	
Arkansas	94,581	98,838	102,755	4.5	4.0	
Florida	793,162	829,401	876,422	4.6	5.7	
Georgia	348,182	364,092	383,834	4.6	5.4	
Kentucky	145,217	150,668	157,066	3.8	4.2	
Louisiana	157,719	162,059	168,245	2.8	3.8	
Mississippi	86,987	89,518	92,831	2.9	3.7	
North Carolina	333,703	351,043	370,883	5.2	5.7	
South Carolina	162,263	168,899	176,365	4.1	4.4	
Tennessee	222,868	234,042	246,025	5.0	5.1	
Virginia	353,976	367,872	384,479	3.9	4.5	
West Virginia	61,317	62,878	65,138	2.5	3.6	
Southwest	1,436,048	1,504,393	1,590,184	4.8	5.7	
Arizona	229,608	242,980	257,505	5.8	6.0	
New Mexico	70,646	72,613	75,977	2.8	4.6	
Oklahoma	126,312	129,642	136,037	2.6	4.9	
Texas	1,009,482	1,059,158	1,120,665	4.9	5.8	
Rocky Mountain	450,410	475,684	505,415	5.6	6.3	
Colorado	224,694	237,076	251,595	5.5	6.1	
Idaho	56,817	60,716	64,514	6.9	6.3	
Montana	40,840	43,106	45,359	5.5	5.2	
Utah	104,919	111,096	119,240	5.9	7.3	
Wyoming For West	23,140	23,691	24,707	2.4	4.3	
Far West	2,349,218	2,471,641	2,620,511	5.2	6.0	
Alaska	34,261	35,549	37,053	3.8	4.2	
California	1,668,316	1,753,358	1,858,421	5.1	6.0	
Hawaii	62,839	65,911	69,262	4.9	5.1	
Nevada	114,088	118,886	125,801	4.2	5.8	
Oregon	160,221	169,473	179,015	5.8	5.6	
Washington	309,494	328,464	350,959	6.1	6.8	

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.

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State and Region, 2017-2018--Continues

		[Percent] Durable goods				Nondurable goods				
	Total PCE by State	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 States'	5.1	3.8	5.1	4.2	5.5	3.7	4.0	13.5		
New England	4.2	4.0	3.1	2.4	3.6	2.9	1.9	13.1	2.5	
Connecticut	4.0	3.9	4.0	2.3	2.7	0.7	0.4	13.5		
Maine	5.0	4.6	4.9	1.2	3.6	5.1	1.9	17.0		
Massachusetts	4.0	3.9	1.8	3.0	3.9	2.8	2.6	10.6		
New Hampshire	4.7	3.5	3.9	1.5	4.3	3.5	1.9	15.2	2.3	
Rhode Island	4.4	5.6	5.4	0.2	3.8	5.2	3.9	11.3		
Vermont	4.6	4.3	3.3	1.4	2.7	5.7	1.0	16.5	2.0	
Mideast	5.0	3.8	4.1	2.6	5.7	3.8	3.2	13.2		
Delaware	4.8	4.1	5.8	-0.2	2.8	5.0	3.9	15.6		
District of Columbia	5.4	3.3	4.5	6.4	9.7	2.6	4.1	15.3		
Maryland	3.9	3.7	5.1	1.0	3.3	2.6	2.8	15.7	1.7	
New Jersey	4.6	3.8	5.8	1.3	5.2	3.0	2.2	7.8		
New York	5.4	4.0	3.6	5.9	7.1	5.3	4.2	14.7	5.6	
Pennsylvania	4.9	3.6	2.9	0.7	5.0	2.8	1.6	13.6		
Great Lakes	4.4	3.6	2.9	2.2	4.1	3.0	2.6	14.8		
Illinois Indiana	4.5	2.7	1.2	2.6 2.1	3.7 2.8	3.6	3.3	18.8	3.0	
1	4.1	5.8				2.4	4.0			
Michigan	4.4	3.4	1.8	2.4	5.9	2.4	2.1	15.2	4.0	
Ohio	4.1	3.7 3.6	3.6 6.0	1.3 2.4	2.9	2.9	0.5	10.5	0.7	
Wisconsin Plains	4.9	3.0	2.4	2.4	4.6	3.7 2.2	3.7	16.6 11.4	2.6 2.4	
	4.4	3.8	2.4		4.4		2.4			
lowa Kansas	3.7	3.0	0.6	1.6 1.9	2.4	1.7 0.9	2.2	11.7	0.8	
Minnesota	5.2	6.6	1.4	1.9	6.5	4.4	2.2	10.7		
Missouri		3.0	3.7	3.6	2.8	4.4	1.6	12.0	2.2	
Nebraska	4.0	3.0	5.4	3.0 0.7	2.8	2.2	2.6	10.7		
North Dakota	4.4	3.0	1.0	1.6	2.4	2.2	2.0	11.0		
South Dakota	4.3	2.9	4.4	1.0	5.0	2.1	1.0	9.2		
Southeast	5.0	4.2	4.4	3.3	5.0	4.0	3.9	9.2	3.6	
Alabama	4.5	4.2	4.2	3.3	3.6	4.0	2.7	11.3		
Arkansas	4.0	4.4	4.2	0.4	2.1	2.2	3.6	12.3	1.7	
Florida	5.7	5.9	7.4	3.2	6.3	5.6	4.0	12.3		
Georgia	5.4	5.1	6.4	5.0	5.4	4.0	3.8	12.3	5.2	
Kentucky	4.2	3.4	5.2	3.6	3.7	2.3	3.0	13.1	2.7	
Louisiana	3.8	1.4	0.3	2.7	4.7	2.4	1.0	10.6		
Mississippi	3.7	3.0	2.6	0.2	3.0	1.6	2.4	9.1	1.6	
North Carolina	5.7	4.0	5.2	5.5	5.6	4.7	5.3	16.1	3.6	
South Carolina	4.4	1.7	4.5	1.2	4.3	2.9	6.9	14.0		
Tennessee	5.1	4.0	4.2	1.2	5.3	4.0	4.3	15.3	3.5	
Virginia	4.5	3.8	2.9	3.4	5.7	3.1	3.5	12.6		
West Virginia	3.6	3.5	2.4	-0.4	3.0	1.5	2.4	10.1	1.5	
Southwest	5.7	4.6	6.6	3.1	5.9	4.1	4.9	14.4	3.6	
Arizona	6.0	7.4	6.7	2.9	4.8	3.5	3.7	13.8	4.0	
New Mexico	4.6	4.3	4.4	4.6	4.4	4.2	1.8	16.8		
Oklahoma	4.9	3.5	4.4	1.3	4.3	2.2	1.3	14.4		
Texas	5.8	4.2	7.0	3.2	6.6	4.4	5.7	14.3		
Rocky Mountain	6.3	5.2	6.5	5.2	7.8	4.2	6.9	14.9		
Colorado	6.1	5.2	5.6	4.1	8.6	3.9	6.5	15.9		
Idaho	6.3	4.5	7.3	5.1	5.8	3.8	7.9	13.8		
Montana	5.2	3.0	3.7	0.9	5.8	5.3	1.4	11.7		
Utah	7.3	7.4	9.2	9.5	8.9	5.5	9.4	15.8		
Wyoming	4.3	0.5	4.1	-0.3	3.9		4.9	15.1		
Far West	6.0	2.4	7.7	8.7	7.4	4.2	6.0	14.3		
Alaska	4.2	-1.4	3.6	2.4	2.6	2.3	3.6	10.3		
California	6.0	1.8	8.7	8.6	7.5	3.9	5.5	14.2		
Hawaii	5.1	2.1	5.0	5.3	10.8	5.7	10.6	14.0		
Nevada	5.8	4.6	6.4	7.2	6.9	4.9	4.7	12.0		
Oregon	5.6	3.4	6.1	5.4	6.4	4.6	7.0	15.9	5.9	
Washington	6.8	4.0	6.2	12.1	7.3	4.9	9.2	14.9	4.8	

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.

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State and Region, 2017-2018--Table Ends

		-	[Perce	nt]	-	-				
	Services									
	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 States'	4.6	4.9	5.2	4.3	6.5	6.8	5.5	7.1		
New England	4.1	2.6	3.5	4.6	5.6	6.1	5.7	6.6		
Connecticut	3.8	3.8	2.1	4.1	4.6	7.0	5.5	7.0		
Maine	2.3	4.3	5.3	7.4	7.9	6.1	7.7	6.2		
Massachusetts	4.7	1.1	3.8	4.9	5.5	5.5	5.8	6.6		
New Hampshire	3.9	4.9	4.3	5.0	6.5	5.8	4.9	6.4		
Rhode Island	3.4	2.1	5.5	1.8	6.4	6.8	4.7	6.4		
Vermont	4.0	5.4	3.1	1.5	3.4	6.1	4.3	6.0		
Mideast	4.1	5.5	4.1	3.9	6.2	6.6	4.8	6.7		
Delaware	4.4	4.5	3.5	5.1	6.1	4.0	6.6	7.2		
District of Columbia	4.5	3.7	2.6	5.1	7.1	7.2	6.8	8.9		
Maryland	4.2	3.5	3.2	0.9	4.9	6.0	3.3	7.4		
New Jersey	3.9	4.4	3.3	4.1	7.7	6.2	5.4	6.2		
New York	3.9	7.2	4.5	3.9	6.6	7.0	3.6	6.8		
Pennsylvania	4.4	4.7	4.6	4.9	5.2	6.6	7.0	6.4		
Great Lakes	3.7	4.3	4.6	3.5	5.6	6.8	4.1	6.5		
Illinois	3.6	5.1	4.4	3.4	5.7	6.7	3.9	6.6		
Indiana	3.6	4.0	4.4	3.0	5.7	6.1	3.3	6.7		
Michigan	3.8	3.8	4.6	3.2	5.8	6.0	5.0	6.3		
Ohio	3.6	3.7	4.9	2.8	5.3	7.9	3.9	6.5		
Wisconsin	3.7	5.2	4.6		5.2	6.3	4.8	6.4		
Plains	4.7	4.5	3.6		4.9	6.1	4.8	6.8		
Iowa	3.9	2.5	2.5		4.3	6.4	5.3	6.5		
Kansas	4.6	3.8	3.3		4.1	6.4	3.9	7.4		
Minnesota	5.2	6.1	4.2		5.3	4.8	5.0	6.7		
Missouri	4.4	4.2	2.9		5.4	6.4	4.3	6.9		
Nebraska	4.7	4.8	4.5		4.7	6.6	4.9	6.8		
North Dakota	6.1	3.7	5.4		4.0	4.1	5.9	6.3		
South Dakota	4.5	4.8	4.0		4.5	9.9	5.7	6.5		
Southeast	5.0	4.7	4.7		6.2	6.3	4.7	8.9		
Alabama	4.1	3.9	3.8		5.9	6.6	5.7	8.5		
Arkansas	5.5	4.5	3.1	1.7	4.6	5.3	1.8	7.5		
Florida	5.0	4.9	5.2		7.1	6.9	6.3	16.4		
Georgia	5.1	6.6	6.1	1.0	6.2	6.8	3.4	11.6		
Kentucky	4.3	4.1	6.6		4.7	6.1	3.0	6.8		
Louisiana	5.3	2.8	3.2		5.1	6.7	3.4	7.1		
Mississippi	3.7	4.5	1.4		4.4	6.3	4.0	7.5		
North Carolina	5.1	6.0	5.9		6.3	5.2	6.0	18.6		
South Carolina	5.0	2.2	4.0		5.2	5.4	5.2	7.9		
Tennessee	5.3	3.8	3.2		8.4	6.7	4.7	8.5		
Virginia	5.1	4.4	4.0		4.8	6.0	3.2	7.7		
West Virginia	3.8	4.5	2.0		3.5	4.8	2.5	6.1		
Southwest	6.1	4.4	7.0		7.0	7.3	6.2	7.6		
Arizona	4.4	6.6	6.4		7.9	6.5	9.1	8.1		
New Mexico	4.2	3.9	4.3		3.6	6.5	4.2	6.8		
Oklahoma	5.5	4.6	6.8		5.9		4.1	9.6		
Texas	6.8	3.9	7.4		7.2	7.5	5.9	7.4		
Rocky Mountain	6.0	4.5	7.4		8.1	6.0	7.5	7.4		
Colorado	6.7	4.5	7.6		8.5	6.8	6.4	7.7		
Idaho	4.4	7.2	9.5		9.6	5.7	8.4	12.3		
Montana	5.5	4.1	4.9		6.0	6.5	7.9	6.7		
Utah	5.2	4.1	4.9		8.2	5.3	10.5	7.9		
	5.2	2.2	2.5		4.8	4.6	3.8	7.9		
Wyoming Far West	5.8	6.2	2.5		4.8	4.6	3.8	7.5		
Alaska	4.2	6.2 7.1	6.7		4.5	5.3	4.1	6.0		
California	4.0	6.2	6.9		8.0	8.2	7.3	7.3		
Hawaii	3.5	5.9	6.2		4.5	6.9	5.0	6.4		
Nevada	3.6	7.7	4.7		3.7	6.8	9.4	7.1		
Oregon	4.7	4.4	5.9		9.6	6.2	5.1	6.9		
Washington	5.4	6.4	6.6	5.8	8.4	6.8	10.6	6.7		

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.

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State and Region, 2018--Continues

		[Percentage points] Durable goods				Nondurable goods				
	Total PCE by State	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 States'	5.1	0.14	0.12	0.12	0.09	0.27	0.11	0.31	0.30	
New England	4.2	0.13	0.07	0.07	0.06	0.21	0.05	0.26	0.21	
Connecticut	4.0	0.12	0.09	0.06	0.04	0.04	0.01	0.23	0.11	
Maine	5.0	0.18	0.11	0.03	0.05	0.48	0.04	0.63	0.17	
Massachusetts	4.0	0.11	0.04	0.09	0.07	0.19	0.07	0.18	0.23	
New Hampshire	4.7	0.12	0.08	0.03	0.08	0.27	0.05	0.41	0.17	
Rhode Island	4.4	0.16	0.11	0.00	0.06	0.36	0.09	0.20	0.55	
Vermont	4.6	0.18	0.07	0.04	0.03	0.53	0.02	0.53	0.15	
Mideast	5.0	0.11	0.09	0.06	0.08	0.24	0.10	0.22	0.39	
Delaware	4.8	0.18	0.11	-0.01	0.05	0.39	0.10	0.34	0.18	
District of Columbia	5.4	0.08		0.12	0.15	0.19	0.10	0.15	0.41	
Maryland	3.9	0.13	0.12	0.02	0.05	0.17	0.08	0.28	0.14	
New Jersey	4.6	0.13	0.14	0.03	0.09	0.20	0.07	0.13	0.33	
New York	5.4	0.09	0.08	0.10	0.10	0.31	0.15	0.19	0.52	
Pennsylvania Creat Lakes	4.9	0.13	0.06	0.02	0.06	0.18	0.04	0.32	0.35	
Great Lakes	4.4	0.13	0.07	0.06	0.07	0.21	0.07	0.37	0.20	
Illinois Indiana	4.5	0.09	0.03	0.07	0.07	0.23	0.10	0.34	0.24	
				0.06	0.04	0.18	0.11	0.44	0.13	
Michigan	4.4	0.11	0.04	0.06	0.12	0.19	0.05	0.41	0.34	
Ohio	4.1	0.14	0.08	0.03	0.04	0.20	0.01	0.27	0.05	
Wisconsin	4.9	0.14	0.14	0.08	0.05	0.28	0.08	0.51	0.22	
Plains	4.4	0.16	0.06	0.06	0.08	0.16	0.06	0.39	0.20	
lowa	3.7	0.14	0.04	0.05	0.04	0.14	0.09	0.48	0.07	
Kansas	3.9	0.15	0.02	0.06	0.04	0.07	0.06	0.30	0.28	
Minnesota	5.2	0.23	0.03	0.04	0.16	0.30	0.07	0.34	0.26	
Missouri	4.0	0.12	0.08	0.10	0.04	0.05	0.04	0.37	0.21	
Nebraska	4.4	0.07	0.15	0.02	0.06	0.16	0.06	0.49	0.08	
North Dakota	4.3	0.15		0.06	0.05	0.14	0.05	0.63	0.18	
South Dakota	5.0	0.14	0.11	0.04	0.10	0.15	0.03	0.36	0.18	
Southeast	5.0	0.18	0.15	0.10	0.08	0.32	0.11	0.32	0.32	
Alabama	4.5	0.21	0.11	0.09	0.06	0.36	0.08	0.34	0.22	
Arkansas Florida	5.7	0.04	0.13 0.24	0.01 0.11	0.04	0.18	0.11 0.10	0.42	0.17	
	5.4	0.20	0.24	0.11	0.09	0.44	0.10	0.20	0.37	
Georgia Kentucky	4.2	0.22	0.18	0.13	0.06	0.33	0.12	0.39	0.42	
Louisiana	3.8	0.14	0.13	0.10	0.00	0.21	0.03	0.37	0.20	
Mississippi	3.7	0.14	0.06	0.00	0.05	0.14	0.03	0.31	0.16	
North Carolina	5.7	0.14	0.00	0.01	0.09	0.14	0.00	0.46	0.35	
South Carolina	4.4	0.07	0.11	0.03	0.07	0.25	0.22	0.40	0.38	
Tennessee	5.1	0.07	0.11	0.03	0.07	0.23	0.22	0.47	0.35	
Virginia	4.5	0.14	0.12	0.04	0.07	0.32	0.12	0.41	0.23	
West Virginia	3.6	0.15	0.05	-0.01	0.04	0.12	0.06	0.32	0.16	
Southwest	5.7	0.23	0.03	0.08	0.10	0.31	0.15	0.42	0.30	
Arizona	6.0	0.32	0.18	0.08	0.09	0.29	0.11	0.36	0.33	
New Mexico	4.6	0.18		0.11	0.09		0.04	0.63		
Oklahoma	4.9	0.18	0.12	0.03	0.07	0.16	0.04	0.55	0.28	
Texas	5.8	0.21	0.18	0.08	0.10	0.34	0.18	0.40	0.31	
Rocky Mountain	6.3	0.21	0.18	0.00	0.13	0.34	0.18	0.40	0.44	
Colorado	6.1	0.21	0.16	0.18	0.13	0.34	0.18	0.30	0.44	
Idaho	6.3	0.17	0.10	0.12	0.14	0.38	0.18	0.44	0.14	
Montana	5.2	0.14	0.12	0.04	0.12	0.46	0.03	0.42	0.33	
Utah	7.3	0.35	0.12	0.38	0.12	0.40	0.03	0.42	0.8	
Wyoming	4.3	0.02		-0.01	0.05		0.10	0.81	0.10	
Far West	6.0	0.02	0.07	0.30	0.03	0.12	0.10	0.26	0.33	
Alaska	4.2	-0.03		0.08	0.03		0.07	0.20	-0.0	
California	6.0	0.06	0.00	0.29	0.03	0.26	0.16	0.21	0.3	
Hawaii	5.1	0.06		0.20	0.16		0.20	0.20	0.24	
Nevada	5.8	0.17	0.18	0.20	0.14	0.36	0.13	0.24	0.28	
Oregon	5.6	0.11	0.18		0.08		0.19	0.31	0.42	
Washington	6.8	0.13	0.16	0.52	0.00	0.38	0.17	0.25	0.32	

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.

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State and Region, 2018--Table Ends [Percentage points]

	[Percentage points]									
	Housing and utilities	Health care	Transportation services	Serv Recreation services	Food services and accommodations	Financial services and insurance	Other services	Final consumption expenditures of NPISHs		
United States	0.84	0.82	0.17	0.17	0.45	0.53	0.45	0.22		
New England	0.77	0.42	0.12	0.20	0.35	0.47	0.52	0.27		
Connecticut	0.77	0.57	0.07	0.16	0.24	0.66	0.55	0.26		
Maine	0.38	0.75	0.12	0.28	0.54	0.40	0.53	0.29		
Massachusetts	0.86	0.19	0.13	0.23	0.37	0.40	0.56	0.27		
New Hampshire	0.75	0.84	0.14	0.22	0.38	0.48	0.40	0.27		
Rhode Island	0.68	0.36	0.16	0.07	0.49	0.46	0.39	0.29		
Vermont	0.71	0.97	0.07	0.06	0.23	0.36	0.32	0.36		
Mideast	0.76	0.90	0.16	0.17	0.39	0.49	0.50	0.28		
Delaware	0.82	0.88	0.09	0.15	0.42	0.29	0.55	0.23		
District of Columbia	0.82	0.60	0.09		0.46	0.51	1.34	0.17		
Maryland	0.95	0.58	0.10	0.03	0.32	0.36	0.31	0.24		
New Jersey	0.81	0.63	0.13	0.17	0.37	0.42	0.56	0.37		
New York	0.70	1.15	0.21	0.16	0.47	0.54	0.40	0.27		
Pennsylvania	0.72	0.86	0.15	0.23	0.30	0.56	0.65	0.28		
Great Lakes	0.61	0.78	0.17	0.15	0.35	0.53	0.32	0.31		
Illinois	0.65	0.84	0.16	0.15	0.38	0.52	0.37	0.31		
Indiana	0.58	0.84	0.14	0.13	0.36	0.35	0.23	0.24		
Michigan	0.64	0.66	0.21	0.15	0.35	0.40	0.33	0.35		
Ohio	0.57	0.69	0.16	0.12	0.33	0.78	0.27	0.31		
Wisconsin	0.63	0.98	0.14	0.25	0.30	0.50	0.35	0.29		
Plains	0.77	0.81	0.11	0.15	0.30	0.50	0.35	0.24		
lowa	0.63	0.42	0.07	0.14	0.25	0.51	0.38	0.25		
Kansas	0.80	0.66	0.09	0.06	0.25	0.57	0.30	0.23		
Minnesota	0.90	1.10	0.15	0.29	0.23	0.33	0.41	0.27		
Missouri	0.71	0.76	0.08	0.06	0.32	0.52	0.32	0.21		
Nebraska	0.72	0.85	0.12	0.09	0.27	0.64	0.32	0.23		
North Dakota	0.83	0.66	0.12	0.07	0.25	0.36	0.37	0.23		
South Dakota	0.63	1.01	0.10	0.15	0.28	1.17	0.30	0.22		
Southeast	0.90	0.81	0.12	0.15	0.46	0.50	0.36	0.13		
Alabama	0.68	0.70	0.08		0.38	0.54	0.36	0.16		
Arkansas	0.85	0.83	0.06	0.05	0.28	0.49	0.12	0.18		
Florida	0.95	0.83	0.15	0.18	0.59	0.61	0.48	0.07		
Georgia	0.91	1.09	0.16	0.04	0.45	0.48	0.33	0.12		
Kentucky	0.70	0.78	0.13	0.10	0.32	0.40	0.18	0.23		
Louisiana	0.90	0.52	0.07	0.12	0.40	0.46	0.21	0.17		
Mississippi	0.64	0.89	0.03	0.02	0.30	0.47	0.21	0.19		
North Carolina	0.89	1.06	0.13	0.25	0.45	0.36	0.45	0.08		
South Carolina	0.86	0.38	0.09	0.17	0.41	0.35	0.38	0.16		
Tennessee	0.93	0.68	0.07	0.24	0.62	0.51	0.31	0.15		
Virginia	1.05	0.64	0.10	0.13	0.32	0.58	0.34	0.17		
West Virginia	0.56	1.03	0.03	0.09	0.24	0.31	0.14	0.30		
Southwest	1.05	0.72	0.21	0.20	0.52	0.62	0.46	0.17		
Arizona	0.88	1.07	0.22	0.21	0.65	0.39	0.64	0.15		
New Mexico	0.75	0.70	0.12	0.08	0.27	0.49	0.27	0.22		
Oklahoma	0.90	0.83	0.13	0.20	0.42	0.61	0.27	0.14		
Texas	1.13	0.62	0.22	0.20	0.52	0.68	0.45	0.17		
Rocky Mountain	1.12	0.70	0.25		0.60	0.47	0.55	0.17		
Colorado	1.35	0.59	0.30		0.69	0.43	0.56	0.18		
Idaho	0.79	1.25	0.27	0.41	0.61	0.53	0.44	0.12		
Montana	0.87	0.74	0.12	0.25	0.44	0.46	0.46	0.23		
Utah	0.94	0.72	0.12	0.48	0.52	0.50	0.71	0.17		
Wyoming	1.01	0.35	0.07	0.20	0.41	0.53	0.22	0.17		
Far West	0.90	1.00	0.26		0.57	0.58	0.61	0.22		
Alaska	0.71	1.59	0.05		0.34	0.30	0.32	0.32		
California	0.88	1.00	0.28		0.60	0.59	0.61	0.32		
Hawaii	0.75	0.87	0.20		0.25	0.54	0.45	0.29		
Nevada	0.66	1.09	0.12	0.22	0.23	1.12	0.54	0.20		
Oregon	0.94	0.76	0.20		0.69	0.37	0.33	0.23		
Washington	1.07	1.07	0.26		0.54	0.47	0.86	0.22		
	1.07	1.07	0.20	0.27	0.04	0.47	0.00	0.22		

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.

Table 4. Per Capita Personal Consumption Expenditures by State and Region for Select Categories, 2018

[Dollars]

		[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 States ¹	42,757	7,847	7,191	3,067	1,069	23,584
New England	52,515	9,893	8,600	3,737	1,149	29,137
Connecticut	52,941	10,702	7,889	3,400	1,000	29,949
Maine	45,497	7,205	7,935	4,323	1,864	24,170
Massachusetts	55,095	10,227	9,159	3,771	999	30,940
New Hampshire	52,120	9,901	8,906	3,901	1,539	27,873
Rhode Island	45,144	9,023	7,510	3,133	850	24,628
Vermont	49,950	8,787	9,076	4,694	1,790	25,603
Mideast	49,895	9,231	8,170	3,125	908	28,462
Delaware	44,103	8,078	8,710	3,434	1,066	22,814
District of Columbia	63,151	11,474	10,150	4,628	675	36,223
Maryland	46,820	10,677	7,683	2,964	945	24,551
New Jersey	52,729	10,784	7,591	3,472	906	29,975
New York	52,701	9,267	8,551	3,117	747	31,020
Pennsylvania	44,805	7,376	8,073	2,866	1,139	25,352
Great Lakes	41,729	6,956	7,569	2,000	1,137	23,352
Illinois	41,727	7,980	7,441	2,804	920	25,913
Indiana	37,680	6,087	7,957	2,762	1,278	19,597
Michigan	40,764	6,883	7,031	3,033	1,210	22,608
Ohio	40,852	6,351	7,685	2,830	1,112	22,874
Wisconsin	42,456	7,053	8,097	3,156		22,703
Plains	42,152	6,925	7,574	2,992	1,532	23,129
lowa	38,944	6,278	6,564	3,100		21,286
Kansas	37,897	6,638	6,592	3,034	1,147	20,486
Minnesota	47,434	8,187	8,615	3,199	1,364	26,069
Missouri	40,060	6,515	7,279	2,717	1,476	22,073
Nebraska	41,690	6,485	7,449	2,950	1,858	22,949
North Dakota	48,499	6,669	8,700	3,188	2,790	27,153
South Dakota	44,149	6,186	9,154	2,985	1,810	24,013
Southeast	37,795	6,815	6,524	3,031	1,026	20,398
Alabama	33,904	5,642	6,019	2,747	1,079	18,416
Arkansas	34,095	5,407	6,299	2,697	1,266	18,426
Florida	41,148	7,756	6,925	3,219	779	22,469
Georgia	36,488	6,553	6,061	2,963	1,027	19,885
Kentucky	35,150	5,682	6,720	3,197	1,144	18,406
Louisiana	36,104	6,177	6,623	2,876		19,276
Mississippi	31,083	5,343	6,231	2,703	1,126	15,681
North Carolina	35,718	6,207	6,393	3,008	1,112	18,998
South Carolina	34,689	6,014	5,882	2,858	1,272	18,664
Tennessee	36,340	6,355	6,477	2,000	1,272	19,516
Virginia	45,139	9,320	6,624	3,284	1,035	24,876
West Virginia	36,071	5,334	8,254	2,921		18,360
0	37,941	6,561	6,088	2,921	1,186	21,215
Southwest Arizona	37,941					
		7,030	5,851	2,829		19,183
New Mexico	36,258		6,448	2,896		18,979
Oklahoma	34,500	5,659	6,254	2,440		18,706
Texas	39,045	6,578	6,098	2,969		22,230
Rocky Mountain	41,255		6,312	3,215		22,848
Colorado	44,174		6,568	3,281	895	24,548
Idaho	36,777	6,528	6,424	3,554	1,269	19,002
Montana	42,698		7,581	3,712		23,040
Utah	37,721	6,727	5,289	2,698		21,932
Wyoming	42,766	7,633	6,722	3,452		22,428
Far West	46,401	9,716	7,517	3,156	909	25,102
Alaska	50,246	8,927	11,531	4,097	1,105	24,586
California	46,981	10,118	7,543	2,987	927	25,405
Hawaii	48,759	10,302	7,264	4,345	632	26,216
Nevada	41,458	7,503	5,948	2,985	887	24,136
Oregon	42,717	8,415	7,320	3,650	924	22,408
Washington	46,574	9,187	7,779	3,519	848	25,241

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.

9IQ6 I	5. Revisior	Revised PCE (N		Jonsumptio			by State a ions of dollars)		JII, 2014		revision	
	2014	2015 2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017
United States ¹	11,814,798	12,277,398	12,741,883	13,305,559	-1,279	-10,249	-18,399	-9,304	0.0	-0.1	-0.1	-0.1
New England	675,701	698,931	720,066	748,738	-225		-1,012	307	0.0		-0.1	0.0
Connecticut	167,846	172,191	176,126	181,887	-123	-255	-246	-105	-0.1	-0.1	-0.1	-0.1
Maine	52,972	54,214	55,700	57,989	-28		-139	59	-0.1	-0.1	-0.2	0.1
Massachusetts	324,369	337,925	350,117	365,714	-56	-298	-438	309	0.0	-0.1	-0.1	0.1
New Hampshire	61,286	63,074	64,884	67,534	-2	-13	-82	39	0.0	0.0	-0.1	0.1
Rhode Island	41,687	43,185	44,283	45,710	-14	21	-64	-60	0.0	0.0	-0.1	-0.1
Vermont	27,541	28,342	28,955	29,904	-2	2		65	0.0	0.0	-0.1	0.2
Mideast	2,098,141	2,168,700	2,241,141	2,328,039	-586	-783	-2,207	-3,725	0.0	0.0	-0.1	-0.2
Delaware	36,814	38,195	39,313	40,711	-26		-40	-28	-0.1	-0.1	-0.1	-0.1
District of Columbia	36,768	38,872	40,367	42,069	-58			-204	-0.2	-0.1	-0.2	-0.5
Maryland	243,828	252,947	261,760	272,369	-89	-12	-306	-187	0.0	0.0	-0.1	-0.1
New Jersey	409,845	423,080	435,270	449,237	-134	291	-346	-240	0.0	0.1	-0.1	-0.1
New York	870,260	901,125	936,268	976,732	-135		-604	-1,667	0.0	-0.1	-0.1	-0.2
Pennsylvania	500,626	514,480	528,162	546,921	-143	-387	-837	-1,400	0.0	-0.1	-0.2	-0.3
Great Lakes	1,694,766	1,749,160	1,804,437	1,876,027	-111	-1,359	-3,153	-1,490	0.0		-0.2	-0.1
Illinois	494,570	512,441	528,632	549,540	-92	-413	-803	-17	0.0	-0.1	-0.2	0.0
Indiana	217,291	223,339	231,053	242,122	67	-36	-278	81	0.0	0.0	-0.1	0.0
Michigan	352,709	363,600	376,136	390,263	-41	-328	-1,169	-632	0.0	-0.1	-0.3	-0.2
Ohio	418,262	431,446	442,596	458,883	-112	-287	-705	-498	0.0	-0.1	-0.2	-0.1
Wisconsin	211,934	218,335	226,021	235,220	67	-295	-198	-424	0.0	-0.1	-0.1	-0.2
Plains	776,267	801,108	827,366	863,154	-216		-1,746	-150	0.0	-0.1	-0.2	0.0
lowa	107,281	110,378	113,876	118,533	-16	-76	-346	90	0.0	-0.1	-0.3	0.1
Kansas	97,374	100,199	102,838	106,176	-52	-16		-253	-0.1	0.0	-0.2	-0.2
Minnesota	221,445	229,645	239,698	253,012	-82	-416	-491	89	0.0	-0.2	-0.2	0.0
Missouri	214,401	220,915	226,997	235,905	-138		-516	-194	-0.1	-0.1	-0.2	-0.1
Nebraska	68,812	71,138	74,009	77,068	-7	-29	-118	-43	0.0	0.0	-0.2	-0.1
North Dakota	34,315	34,943	34,603	35,353	90	87	16	66	0.3	0.2	0.0	0.1
South Dakota	32,640	33,891	35,345	37,107	-11	-5	-45	95	0.0	0.0	-0.1	0.2
Southeast	2,701,997	2,808,783	2,913,198	3,037,883	-252	-2,893	-4,885	-2,413	0.0		-0.2	-0.1
Alabama	145,877	149,687	153,224	158,574	81	-59	-233	199	0.0	0.0	-0.2	0.1
Arkansas	88,427	91,127	94,581	98,838	4	-74	-132	72	0.0	-0.1	-0.1	0.1
Florida	723,031	762,444	793,162	829,401	102	-665	-904	0	0.0	-0.1	-0.1	0.0
Georgia	323,329	334,526	348,182	364,092	-74	-823	-944	-1,229	0.0	-0.2	-0.3	-0.3
Kentucky	135,755	140,286	145,217	150,668	-97	-130	-395	183	-0.1	-0.1	-0.3	0.1
Louisiana	149,279	154,228	157,719	162,059	-14	-90	-174	265	0.0	-0.1	-0.1	0.2
Mississippi	83,330	84,981	86,987	89,518	-52	-92	-177	-86	-0.1	-0.1	-0.2	-0.1
North Carolina	307,934	320,077	333,703	351,043	16	-257	-319	186	0.0	-0.1	-0.1	0.1
South Carolina	150,306	155,832	162,263	168,899	54	-47	-161	-382	0.0	0.0	-0.1	-0.2
Tennessee	206,229	214,137	222,868	234,042	-26	-14	-410	-379	0.0	0.0	-0.2	-0.2
Virginia	330,096	341,564	353,976	367,872	-187	-579	-926	-1,003	-0.1	-0.2	-0.3	-0.3
West Virginia	58,405	59,894	61,317	62,878	-58		-111	-237	-0.1	-0.1	-0.2	-0.4
Southwest	1,332,551	1,384,470	1,436,048	1,504,393	329			-1,430			-0.1	-0.1
Arizona	213,933	221,663	229,608	242,980	243			580	0.1	0.0	-0.1	0.2
New Mexico	67,007	68,924	70,646	72,613	-1	86		166	0.0		0.2	
Oklahoma	120,775	123,558	126,312	129,642	-75		-206	-295	-0.1	-0.2	-0.2	-0.2
Texas	930,836	970,326	1,009,482	1,059,158	162			-1,880	0.0	-0.1	-0.1	-0.2
Rocky Mountain	408,213	428,718	450,410	475,684	102		-160	372	0.0		0.0	
Colorado	203,378	214,091	224,694	237,076	107	59		237	0.1	0.0	0.0	
Idaho	51,026	53,627	56,817	60,716	-9			40	0.0	0.0	0.1	0.1
Montana	37,719	39,354	40,840	43,106	18		0	83	0.0	0.1	0.0	
Utah	93,284	98,557	104,919	43,100	-23			94	0.0		-0.1	0.2
Wyoming	22,806	23,088	23,140	23,691	10			-82	0.0		-0.2	-0.3
Far West	2,127,162	2,237,529	2,349,218	2,471,641	-321	-2,886	-3,945	-776	0.0		-0.2	-0.3
Alaska	32,314	33,444	34,261	35,549	-521			-770	0.0		-0.2	
California	1,506,940	33,444 1,587,051	1,668,316	1,753,358	-566		-2,881	-725	0.0	-0.2	-0.2	0.0
Hawaii	57,788	60,111	62,839	65,911	-500		-2,001	-723	0.0	-0.1	-0.2	0.0
Nevada	105,160	109,639	114,088	118,886	-130		-385	-453	-0.1	-0.3	-0.3	-0.4
Oregon	144,848	152,725	160,221	169,473	-130		-303	-453	-0.1		-0.3	
Washington	280,113	294,560	309,494	328,464	48 285	-112		427 -180	0.0	-0.1	-0.2	-0.1
1 The U.S. values reported differ fr												

Table 5. Revisions to Total Personal Consumption Expenditures by State and Region, 2014-2017

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.