

EMBARGOED UNTIL RELEASE AT 8:30 A.M. EST, TUESDAY, DECEMBER 1, 2015

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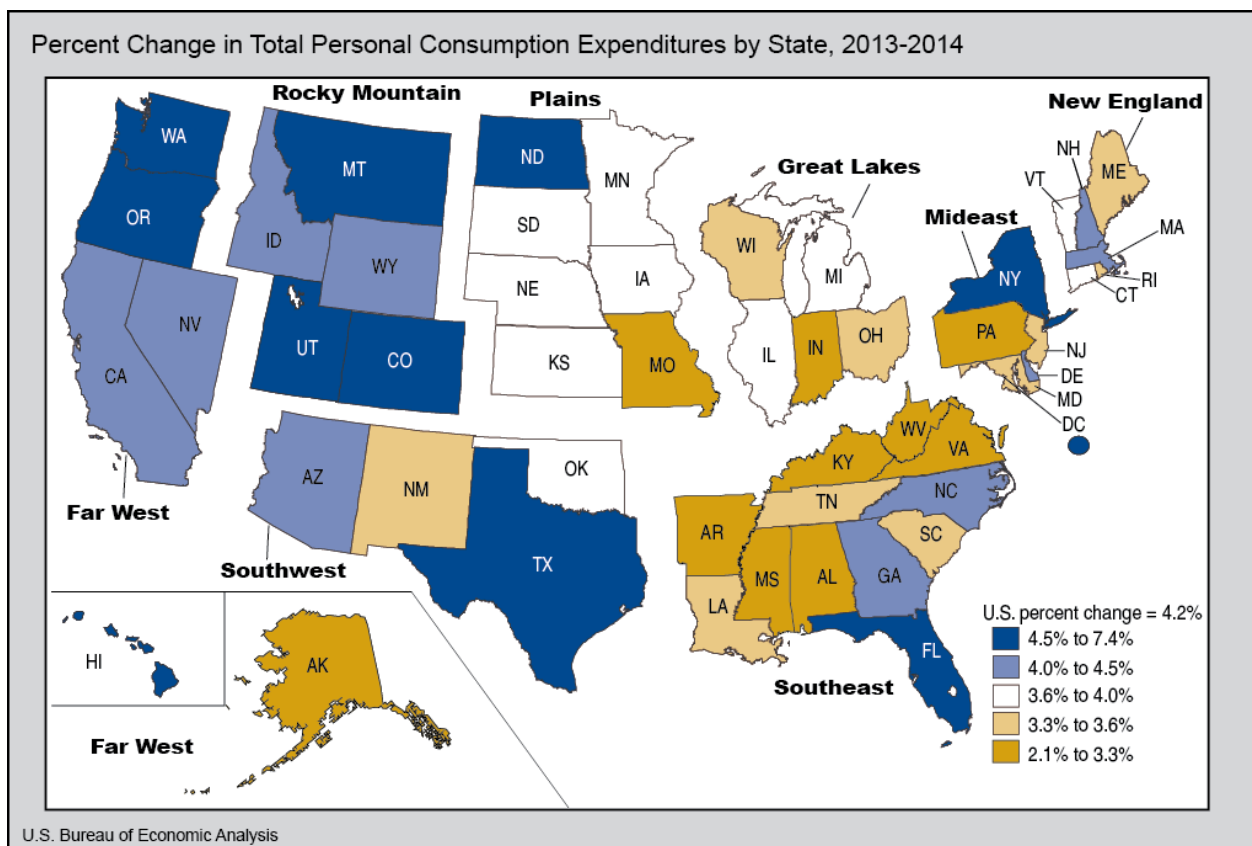
BEA 15-58

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Personal Consumption Expenditures by State, 1997-2014

Today, the U.S. Bureau of Economic Analysis released its first set of official statistics on personal consumption expenditures (PCE) by state for 1997-2014¹. PCE by state – the measure of goods and services purchased by or on behalf of households by state of residence – provides insight into household spending patterns across states and can be used together with other regional data to gain a better understanding of regional economies.

PCE by state statistics are released for 16 expenditure categories; eight categories of goods, seven categories of services, and the net expenditures of nonprofit institutions serving households. The statistics are reported in current dollars and reflect variation in both prices and quantities.



¹ Prototype PCE by state statistics for 1997-2012 were released on August 7, 2014 for evaluation and comment by data users.

Growth in PCE by state

Across all states, the growth in total PCE by state accelerated to 4.2 percent in 2014 from 3.1 percent in 2013 (Table 1). This growth reflects the year-over-year change in current-dollar PCE by state. In 2014, growth in total PCE ranged from 2.1 percent in West Virginia to 7.4 percent in North Dakota, with more than 40 states growing faster than in 2013.

After North Dakota, the states with the highest growth in total PCE in 2014 were Colorado (5.7%) and Texas (5.7%). North Dakota and Texas were also among the fastest growing states in 2013. After West Virginia, the states with the slowest growth in total PCE in 2014 were Missouri (2.3%) and Kentucky (2.4%). Despite the relative slower growth in these states, their growth is an acceleration from 2013. In the District of Columbia, growth in total PCE was 5.1 percent in 2014, up from 4.2 percent in 2013.

In 2014, the largest contributors to the growth in total PCE across all states were housing and utilities and health care followed by other services and other nondurable goods. Each of these categories contributed 0.5 percentage point or more to the growth in total PCE and collectively accounted for about half of the growth in total PCE by state (Table 2). Food and beverages purchased for off-premises consumption, while a major component of total PCE by state, contributed little to growth in total PCE by state. Gasoline and other energy goods was the only category that subtracted from growth in total PCE by state.

Across all states, the expenditures on housing and utilities grew by 4.1 percent in 2014 (Table 3) and contributed on average 0.7 percentage point to the growth in total PCE. This growth was fastest in North Dakota (8.0%), the District of Columbia (6.3%), and Texas (5.6%). It was slowest in Vermont (1.4%), Delaware (1.8%), and Nevada (1.9%). In North Dakota and the District of Columbia, this category contributed 1.0 percentage point or more to the growth in total PCE.

Across all states, the expenditures on health care² grew by 3.9 percent in 2014 and contributed on average 0.6 percentage point to the growth in total PCE. This growth was fastest in Delaware (7.5%), the District of Columbia (7.1%), and Hawaii (6.5%). It was slowest in Missouri (1.2%), Kentucky (1.5%), and Mississippi (1.5%). In Delaware and the District of Columbia, this category contributed 1.4 percentage points to the growth in total PCE.

Across all states, the expenditures on food and beverages for off-premises consumption grew by 2.4 percent in 2014 and contributed on average 0.2 percentage point to the growth in total PCE. This growth was fastest in the District of Columbia (6.9%), North Dakota (6.7%), and Vermont (4.9%). It was slowest in Missouri (0.2%), Minnesota (0.2%), and Mississippi (0.3%). In the District of Columbia and North Dakota, this category contributed 0.5 percentage point to the growth in total PCE.

Across all states, the expenditures on gasoline and other energy goods declined by 2.9 percent in 2014 and subtracted on average 0.1 percent from growth in total PCE. The largest declines were in Arkansas (-8.3%), Mississippi (-7.0%), and Hawaii (-6.7%). Despite the

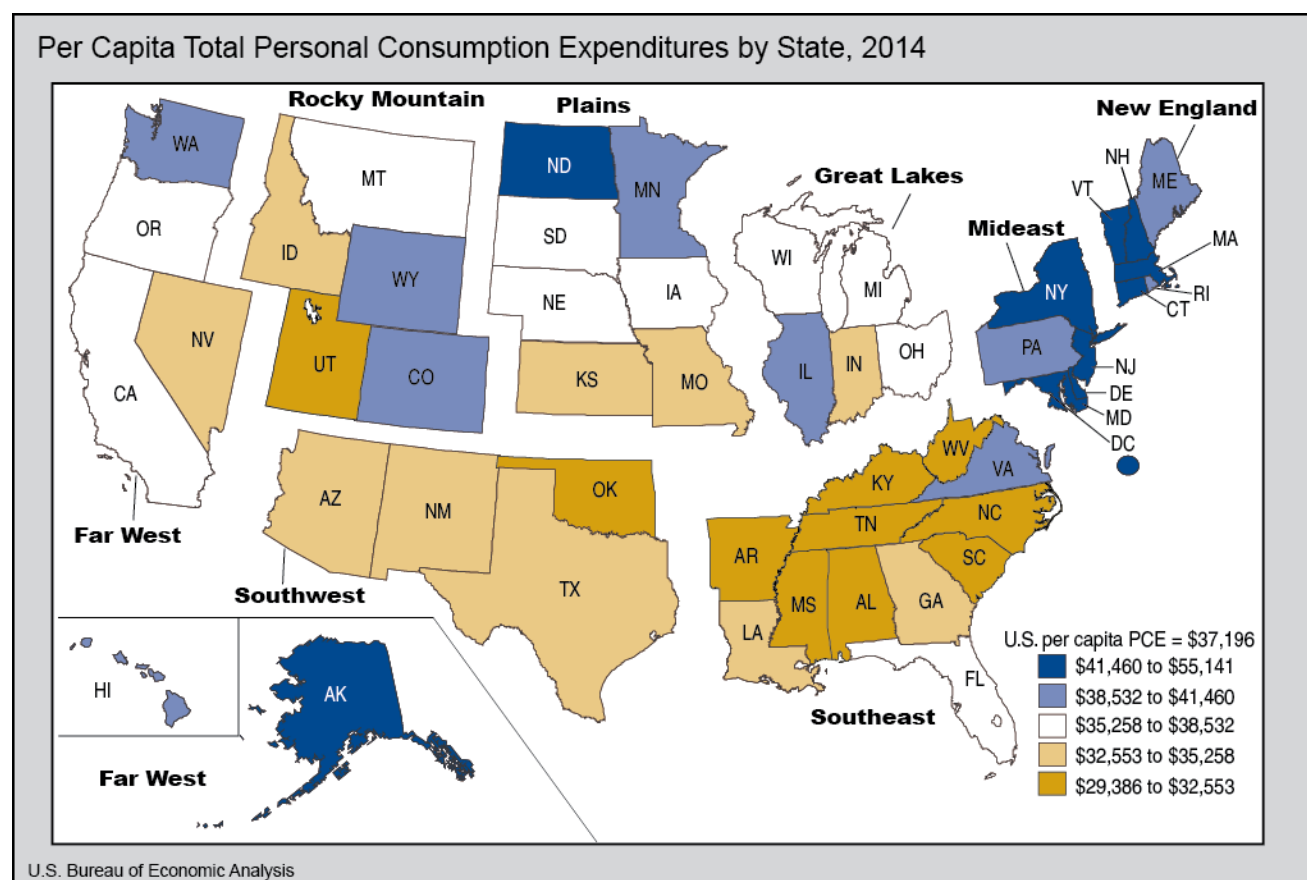
² Expenditures on health care do not include expenditures on health insurance services. Health insurance expenditures are part of the financial services and insurance category.

widespread decline, this category contributed to the growth in total PCE in North Dakota (0.4 percentage point) and Texas (0.1 percentage point), where expenditures grew by 4.4 percent and 1.8 percent, respectively.

Per capita PCE by state in 2014

Per capita PCE by state reflects average PCE spending per person in a state. Across all states, per capita total PCE was \$37,196 (Table 4). It ranged from a high of \$48,020 in Massachusetts to a low of \$29,386 in Mississippi.

After Massachusetts, the states with the highest per capita total PCE were North Dakota (\$47,739), New Hampshire (\$46,633), and Alaska (\$46,229). After Mississippi, the states with the lowest per capita total PCE were Arkansas (\$29,430), Alabama (\$30,494), and Kentucky (\$31,775). Per capita total PCE in the District of Columbia was \$55,141.



Per capita PCE on housing and utilities across all states was \$6,720 and ranged from a high of \$9,146 in Maryland to a low of \$4,391 in West Virginia. Other states with high per capita spending included New Jersey (\$9,128), Connecticut (\$8,948), and Hawaii (\$8,882). Other states with low per capita spending included Arkansas (\$4,581), Mississippi (\$4,675), and Oklahoma (\$4,854). Per capita spending in the District of Columbia was \$9,775.

Per capita PCE on health care across all states was \$6,128 and ranged from a high of \$9,303 in Alaska to a low of \$4,498 in Utah. Other states with high per capita spending included

Massachusetts (\$8,857), Delaware (\$8,061), and Vermont (\$7,473). Other states with low per capita spending included Idaho (\$4,931), Nevada (\$4,935), and Georgia (\$4,979). Per capita spending in the District of Columbia was \$11,358.

Per capita PCE on food and beverages purchased for off-premises consumption across all states was \$2,780 and ranged from a high of \$4,104 in Vermont to a low of \$2,289 in Oklahoma. Other states with high per capita spending included Alaska (\$3,924), Maine (\$3,736), and New Hampshire (\$3,635). Other states with low per capita spending included Arkansas (\$2,351), Utah (\$2,441), and Alabama (\$2,461). Per capita spending in the District of Columbia was \$3,889.

Per capita PCE on gasoline and other energy goods across all states was \$1,258 and ranged from a high of \$4,124 in North Dakota to a low of \$710 in Hawaii. Other states with high per capita spending included Wyoming (\$3,019), Maine (\$2,203), and Vermont (\$2,183). Other states with low per capita spending included New York (\$862), Florida (\$974), and California (\$982). Per capita spending in the District of Columbia was \$952.

Technical Note

State-level data from the Economic Census and other sources are used to create an initial set of annual nominal expenditure estimates for 77 detailed spending categories. These initial estimates are balanced across states to match BEA's national PCE category totals and aggregated into the 16 categories for publication.

State-level Economic Census receipts are used for approximately 60 percent of PCE by state in an Economic Census year. For intercensal years, the Economic Census receipts for each industry are interpolated and extrapolated using annual Quarterly Census of Employment and Wages industry wage and salary data of the workers employed in the establishments within the state providing the goods and services to consumers.

For the remaining approximately 40 percent of PCE by state, other annual state-level data sources are used to estimate expenditures. These include subcategories within housing and utilities and health care, as well as education services, food furnished to employees, railway transportation, air transportation, and net foreign travel.

The resulting estimates are then reviewed by category and state to identify spending by nonresidents. Nonresident spending is present in some of the initial estimates because the Economic Census source data is collected based on point of sale. This is apparent across many states for recreation services and transportation services. For a small number of states that have large numbers of nonresident visitors, nonresident spending is apparent in additional categories of spending.

For recreation services and transportation services, almost all states are adjusted to account for nonresident spending using a state-level ratio of survey-based household expenditures to business receipts. Adjustments are also made to a broader set of categories for visitor spending in Hawaii, Nevada, Florida, New York, and the District of Columbia.

Additional information on the statistics and the methodology can be found in the August 2013 and the September 2014 issue of the *Survey of Current Business*, the monthly online journal of the Bureau of Economic Analysis, and in the upcoming article in the December 2015 issue of the *Survey* (<http://www.bea.gov/scb/index.htm>).

Availability of Data on BEA Website

PCE by state statistics for each state for the 16 expenditure categories, plus additional maps for the expenditure categories described in this press release, may be found on BEA's Regional Accounts webpage (<http://www.bea.gov/regional/index.htm>).

The next release of PCE by state is scheduled for October 2016 and will include statistics for 2015.

Explanatory Notes

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.

In addition to out-of-pocket expenditures, PCE by state includes spending on behalf of resident households, such as expenditures for health care that are paid for by Medicare, Medicaid, and employer provided health insurance, and imputations for consumption of services without market transactions. The largest imputation in PCE by state is made to approximate the value of housing services provided by owner-occupied housing. This imputation ensures that the treatment of owner-occupied housing is comparable to that of tenant-occupied housing, which is valued by rent paid. Because homeowners consume the service of shelter whether or not they owe a mortgage, this imputation represents the rent that homeowners would pay if they rented the home that they own.

Relation 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.

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Table 1. Total Personal Consumption Expenditures by State, 2012-2014

	Millions of dollars			Percent change	
	2012	2013	2014	2013	2014
United States/1/.....	11,044,057	11,386,572	11,860,250	3.1	4.2
New England.....	631,834	648,864	675,424	2.7	4.1
Connecticut.....	155,206	158,937	164,885	2.4	3.7
Maine.....	51,591	52,855	54,730	2.4	3.5
Massachusetts.....	301,676	310,105	323,916	2.8	4.5
New Hampshire.....	57,679	59,373	61,874	2.9	4.2
Rhode Island.....	39,632	40,584	41,969	2.4	3.4
Vermont.....	26,050	27,010	28,050	3.7	3.9
Mideast.....	1,948,041	2,005,264	2,086,931	2.9	4.1
Delaware.....	36,357	37,402	39,016	2.9	4.3
District of Columbia.....	33,161	34,560	36,332	4.2	5.1
Maryland.....	233,002	239,485	247,780	2.8	3.5
New Jersey.....	382,966	392,593	406,652	2.5	3.6
New York.....	794,283	822,169	863,447	3.5	5.0
Pennsylvania.....	468,272	479,054	493,704	2.3	3.1
Great Lakes.....	1,598,201	1,638,705	1,696,519	2.5	3.5
Illinois.....	467,555	479,123	496,313	2.5	3.6
Indiana.....	211,216	215,961	222,696	2.2	3.1
Michigan.....	336,987	345,440	358,916	2.5	3.9
Ohio.....	385,974	396,012	409,653	2.6	3.4
Wisconsin.....	196,469	202,169	208,940	2.9	3.3
Plains.....	732,178	754,871	781,803	3.1	3.6
Iowa.....	103,090	105,680	109,551	2.5	3.7
Kansas.....	94,223	97,132	100,659	3.1	3.6
Minnesota.....	207,189	214,284	222,922	3.4	4.0
Missouri.....	203,229	207,766	212,542	2.2	2.3
Nebraska.....	64,694	66,840	69,346	3.3	3.7
North Dakota.....	30,471	32,855	35,302	7.8	7.4
South Dakota.....	29,283	30,314	31,481	3.5	3.9
Southeast.....	2,555,684	2,639,438	2,741,732	3.3	3.9
Alabama.....	140,053	143,914	147,879	2.8	2.8
Arkansas.....	82,705	84,888	87,300	2.6	2.8
Florida.....	665,308	690,076	724,066	3.7	4.9
Georgia.....	305,898	317,246	331,348	3.7	4.4
Kentucky.....	134,138	136,953	140,240	2.1	2.4
Louisiana.....	143,522	148,398	153,342	3.4	3.3
Mississippi.....	83,130	85,543	87,985	2.9	2.9
North Carolina.....	294,126	305,556	318,760	3.9	4.3
South Carolina.....	145,501	150,894	155,991	3.7	3.4
Tennessee.....	199,180	204,537	211,871	2.7	3.6
Virginia.....	304,866	312,884	323,164	2.6	3.3
West Virginia.....	57,257	58,548	59,785	2.3	2.1
Southwest.....	1,236,775	1,287,371	1,353,920	4.1	5.2
Arizona.....	211,372	218,585	228,423	3.4	4.5
New Mexico.....	66,724	68,393	70,790	2.5	3.5
Oklahoma.....	116,950	120,691	125,131	3.2	3.7
Texas.....	841,728	879,703	929,576	4.5	5.7
Rocky Mountain.....	383,955	399,927	420,864	4.2	5.2
Colorado.....	191,213	198,751	210,037	3.9	5.7
Idaho.....	49,065	51,011	53,206	4.0	4.3
Montana.....	35,981	37,628	39,426	4.6	4.8
Utah.....	86,407	90,599	95,369	4.9	5.3
Wyoming.....	21,289	21,938	22,826	3.0	4.0
Far West.....	1,957,390	2,012,130	2,103,057	2.8	4.5
Alaska.....	31,852	32,985	34,059	3.6	3.3
California.....	1,386,209	1,419,344	1,482,477	2.4	4.4
Hawaii.....	53,545	55,701	58,232	4.0	4.5
Nevada.....	90,780	93,985	97,860	3.5	4.1
Oregon.....	133,872	138,574	145,973	3.5	5.3
Washington.....	261,132	271,542	284,456	4.0	4.8

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.

Source: U.S. Bureau of Economic Analysis

Table 2. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State, 2014

	Total PCE by State	[Percentage points]										Services					
		Durable goods				Nondurable goods				Housing and utilities	Health care	Trans- portation services	Recreation services	Food services and accom- modations	Financial services and insurance	Other services	Final consumption expenditures of NPISHs
		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/1/.....	4.2	0.2	0.1	0.1	0.0	0.2	0.1	-0.1	0.5	0.7	0.6	0.2	0.2	0.4	0.4	0.5	0.2
New England.....	4.1	0.2	0.0	0.1	0.0	0.2	0.0	0.0	0.4	0.6	0.7	0.2	0.2	0.3	0.4	0.6	0.2
Connecticut.....	3.7	0.1	0.1	0.1	0.0	0.2	0.0	0.0	0.3	0.6	0.5	0.1	0.2	0.2	0.4	0.4	0.3
Maine.....	3.5	0.2	0.0	0.0	0.0	0.3	0.0	-0.1	0.4	0.5	0.7	0.1	0.1	0.3	0.3	0.4	0.2
Massachusetts.....	4.5	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.7	0.8	0.2	0.2	0.3	0.4	0.7	0.2
New Hampshire.....	4.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.6	0.6	0.7	0.2	0.1	0.3	0.4	0.6	0.3
Rhode Island.....	3.4	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.6	0.5	0.1	0.2	0.4	0.4	0.6	0.0
Vermont.....	3.9	0.3	0.0	0.2	0.0	0.4	0.0	-0.1	0.4	0.2	0.5	0.1	0.1	0.3	0.3	0.8	0.2
Mideast.....	4.1	0.1	0.0	0.0	0.1	0.2	0.1	-0.1	0.5	0.7	0.7	0.2	0.2	0.3	0.4	0.5	0.2
Delaware.....	4.3	0.4	0.0	0.2	0.0	0.1	0.0	-0.1	0.2	0.3	1.4	0.1	0.2	0.3	0.4	0.7	0.2
District of Columbia.....	5.1	0.1	0.1	0.0	0.0	0.5	0.1	-0.1	0.1	1.1	1.4	0.1	0.1	0.4	0.3	0.8	0.1
Maryland.....	3.5	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	0.3	1.0	0.5	0.1	0.1	0.2	0.4	0.5	0.2
New Jersey.....	3.6	0.1	0.0	0.1	0.0	0.2	0.1	-0.1	0.5	0.7	0.5	0.1	0.1	0.2	0.4	0.5	0.3
New York.....	5.0	0.1	0.0	0.0	0.1	0.2	0.2	-0.1	0.7	0.7	0.8	0.3	0.2	0.5	0.3	0.7	0.2
Pennsylvania.....	3.1	0.2	0.0	0.0	0.0	0.1	0.0	-0.1	0.2	0.6	0.7	0.1	0.1	0.2	0.3	0.4	0.2
Great Lakes.....	3.5	0.2	0.0	0.0	0.0	0.1	0.0	-0.1	0.4	0.7	0.6	0.2	0.2	0.2	0.3	0.5	0.2
Illinois.....	3.6	0.2	0.0	0.0	0.0	0.1	0.0	-0.1	0.2	0.9	0.6	0.2	0.1	0.2	0.2	0.6	0.2
Indiana.....	3.1	0.2	0.0	0.0	0.0	0.1	0.0	-0.3	0.3	0.7	0.3	0.2	0.1	0.2	0.3	0.5	0.4
Michigan.....	3.9	0.3	0.0	0.0	0.0	0.1	0.0	-0.1	0.7	0.6	0.5	0.2	0.3	0.2	0.3	0.4	0.1
Ohio.....	3.4	0.2	0.0	0.0	0.0	0.1	0.0	-0.1	0.3	0.6	0.7	0.2	0.2	0.3	0.4	0.3	0.2
Wisconsin.....	3.3	0.2	0.1	0.2	0.0	0.1	0.0	-0.1	0.4	0.7	0.4	0.1	0.1	0.2	0.3	0.4	0.1
Plains.....	3.6	0.2	0.1	0.0	0.0	0.1	0.0	-0.1	0.3	0.8	0.5	0.2	0.2	0.3	0.3	0.5	0.2
Iowa.....	3.7	0.2	0.0	0.1	0.0	0.2	0.0	-0.1	0.4	0.7	0.5	0.2	0.1	0.2	0.3	0.5	0.3
Kansas.....	3.6	0.2	0.1	0.0	0.0	0.1	0.0	-0.1	0.5	0.7	0.6	0.1	0.2	0.2	0.2	0.6	0.1
Minnesota.....	4.0	0.2	0.1	0.0	0.0	0.0	0.0	-0.1	0.3	0.8	0.7	0.3	0.3	0.3	0.3	0.5	0.2
Missouri.....	2.3	0.2	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.7	0.2	0.1	0.1	0.3	0.3	0.3	0.1
Nebraska.....	3.7	0.3	0.1	0.1	0.0	0.3	0.1	-0.2	0.4	0.8	0.3	0.2	0.2	0.3	0.4	0.7	0.1
North Dakota.....	7.4	0.3	0.1	0.1	0.1	0.5	0.2	0.4	0.7	1.0	0.9	0.6	0.4	0.5	0.4	1.3	0.0
South Dakota.....	3.9	0.4	0.1	0.1	0.1	0.2	0.1	-0.1	0.3	0.5	0.8	0.1	0.1	0.3	0.2	0.5	0.1
Southeast.....	3.9	0.2	0.1	0.1	0.0	0.2	0.1	-0.2	0.5	0.7	0.6	0.1	0.2	0.4	0.4	0.5	0.1
Alabama.....	2.8	0.1	0.0	0.0	0.0	0.0	0.0	-0.3	0.5	0.6	0.4	0.0	0.1	0.2	0.4	0.3	0.2
Arkansas.....	2.8	0.2	0.0	0.0	0.0	0.2	0.0	-0.5	0.3	0.5	0.6	0.1	0.1	0.2	0.4	0.3	0.3
Florida.....	4.9	0.3	0.2	0.1	0.0	0.2	0.1	-0.1	0.6	0.5	0.9	0.2	0.2	0.5	0.4	0.5	0.1
Georgia.....	4.4	0.2	0.1	0.1	0.0	0.2	0.1	-0.1	0.6	0.8	0.6	0.2	0.1	0.4	0.4	0.8	0.0
Kentucky.....	2.4	0.1	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	0.6	0.3	0.1	0.1	0.2	0.4	0.5	0.1
Louisiana.....	3.3	0.1	0.0	0.0	0.0	0.1	0.0	-0.3	0.3	0.8	0.6	0.1	0.2	0.4	0.3	0.4	0.2
Mississippi.....	2.9	0.1	0.0	0.0	0.1	0.0	0.1	-0.4	0.5	0.7	0.3	0.0	0.0	0.2	0.3	0.7	0.1
North Carolina.....	4.3	0.2	0.1	0.2	0.0	0.2	0.1	-0.1	0.7	0.8	0.6	0.1	0.1	0.3	0.4	0.5	0.0
South Carolina.....	3.4	0.2	0.1	0.1	0.0	0.2	0.1	-0.2	0.4	0.7	0.4	0.1	0.2	0.3	0.4	0.5	0.0
Tennessee.....	3.6	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.4	0.8	0.5	0.1	0.3	0.2	0.4	0.4	0.0
Virginia.....	3.3	0.1	0.0	0.0	0.0	0.1	0.0	-0.2	0.3	1.0	0.4	0.1	0.1	0.2	0.4	0.6	0.1
West Virginia.....	2.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.4	0.4	0.9	0.0	0.0	0.1	0.3	0.2	-0.1
Southwest.....	5.2	0.3	0.1	0.0	0.0	0.3	0.0	0.0	0.7	0.9	0.8	0.2	0.2	0.4	0.5	0.5	0.1
Arizona.....	4.5	0.2	0.1	0.1	0.0	0.3	0.0	-0.1	0.7	0.9	0.5	0.1	0.2	0.4	0.4	0.5	0.2
New Mexico.....	3.5	0.2	0.0	0.0	0.0	0.1	0.0	-0.1	0.5	0.5	0.6	0.0	0.1	0.4	0.4	0.5	0.1
Oklahoma.....	3.7	0.1	0.1	0.0	0.0	0.3	0.0	-0.1	0.3	0.7	0.7	0.1	0.1	0.4	0.5	0.6	-0.1
Texas.....	5.7	0.4	0.1	0.0	0.0	0.3	0.0	0.1	0.8	0.9	0.9	0.2	0.2	0.5	0.6	0.5	0.1
Rocky Mountain.....	5.2	0.2	0.1	0.1	0.0	0.3	0.1	-0.1	0.7	0.8	0.7	0.2	0.3	0.4	0.5	0.7	0.3
Colorado.....	5.7	0.2	0.1	0.0	0.0	0.3	0.0	-0.1	0.7	1.0	0.7	0.2	0.3	0.5	0.5	0.7	0.4
Idaho.....	4.3	0.3	0.1	0.1	0.0	0.4	0.1	-0.1	0.7	0.4	0.6	0.2	0.2	0.3	0.4	0.5	0.2
Montana.....	4.8	0.3	0.2	0.3	0.0	0.4	0.0	0.0	0.5	0.8	0.7	0.2	0.2	0.3	0.3	0.4	0.1
Utah.....	5.3	0.2	0.1	0.3	0.0	0.3	0.1	-0.1	0.8	0.7	0.7	0.2	0.3	0.4	0.4	0.7	0.1
Wyoming.....	4.0	0.2	0.1	0.0	0.0	0.2	0.0	-0.5	0.3	0.8	0.6	0.2	0.2	0.4	0.5	0.8	0.2
Far West.....	4.5	0.2	0.1	0.1	0.0	0.2	0.1	-0.1	0.4	0.8	0.7	0.2	0.2	0.5	0.4	0.5	0.2
Alaska.....	3.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.6	0.7	0.1	0.3	0.3	0.5	0.1	0.2
California.....	4.4	0.2	0.0	0.1	0.0	0.2	0.1	-0.1	0.4	0.8	0.6	0.2	0.2	0.6	0.4	0.4	0.2
Hawaii.....	4.5	0.1	0.1	0.1	0.0	0.2	0.0	-0.1	0.5	0.7	0.9	0.1	0.1	0.3	0.4	0.8	0.3
Nevada.....	4.1	0.2	0.1	0.1	0.1	0.2	0.1	-0.1	0.8	0.4	0.6	0.1	0.2	0.3	0.5	0.5	0.1
Oregon.....	5.3	0.2	0.2	0.2	0.0	0.3	0.1	-0.1	0.6	0.9	0.8	0.2	0.3	0.4	0.4	0.5	0.4
Washington.....	4.8	0.1	0.1	0.3	0.0	0.2	0.0	-0.1	0.5	0.8	0.8	0.2	0.3	0.3	0.5	0.7	0.0

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. Percent Change from Preceding Period of Personal Consumption Expenditures by State, 2013-2014

	Total PCE by State	[Percent]									Services						
		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	Housing and utilities	Health care	Trans- portation services	Recreation services	Food services and accom- modations	Financial services and insurance	Other services	Final consumption expenditures of NPISHs
United States/1/.....	4.2	5.6	2.8	2.2	1.7	2.4	1.8	-2.9	5.7	4.1	3.9	6.2	4.8	5.7	5.4	5.8	6.1
New England.....	4.1	5.6	2.2	2.5	1.1	2.8	0.8	-1.4	5.0	3.5	4.0	5.9	4.6	5.2	5.3	6.1	6.7
Connecticut.....	3.7	3.8	2.3	5.3	1.7	3.3	0.4	-1.4	4.4	3.3	3.3	3.6	4.3	4.8	5.5	3.6	10.7
Maine.....	3.5	6.6	1.8	1.3	2.6	3.1	1.4	-1.2	4.8	3.5	3.7	5.6	1.8	5.3	4.2	4.7	4.1
Massachusetts.....	4.5	5.7	2.1	1.3	0.4	2.7	1.2	-1.6	5.2	3.8	4.6	7.5	5.6	5.3	5.2	7.5	6.9
New Hampshire.....	4.2	6.8	2.6	3.7	2.0	1.4	0.3	0.1	6.9	3.5	4.3	6.0	2.7	5.1	5.7	6.3	6.0
Rhode Island.....	3.4	7.6	3.0	1.0	1.3	1.5	0.2	-1.7	3.3	3.1	2.7	4.7	5.2	5.6	6.1	5.8	0.6
Vermont.....	3.9	7.2	1.4	5.7	2.5	4.9	0.2	-2.4	6.0	1.4	3.0	5.6	3.1	5.7	4.5	7.3	5.1
Mideast.....	4.1	4.4	1.5	1.6	2.9	2.5	2.6	-3.4	5.8	3.9	4.2	5.1	3.8	5.6	4.9	5.4	5.6
Delaware.....	4.3	8.6	1.4	5.0	0.9	1.3	1.0	-4.0	3.2	1.8	7.5	5.6	5.3	4.8	5.9	5.8	5.3
District of Columbia.....	5.1	3.7	5.8	0.3	3.0	6.9	2.1	-4.6	2.0	6.3	7.1	4.3	2.4	5.5	4.2	5.8	2.3
Maryland.....	3.5	3.7	1.1	0.6	1.3	1.7	0.7	-4.6	3.5	4.5	3.3	4.1	2.5	4.2	4.8	5.4	7.5
New Jersey.....	3.6	3.3	1.8	2.4	1.5	2.4	1.9	-3.8	6.4	3.3	3.4	4.0	1.4	4.2	6.0	4.4	6.4
New York.....	5.0	4.4	1.7	2.4	4.4	3.7	4.0	-2.6	7.8	4.0	4.9	6.2	6.4	7.5	4.6	6.6	5.1
Pennsylvania.....	3.1	5.2	1.0	0.1	2.8	1.1	0.9	-3.2	2.9	3.7	3.6	3.8	2.6	3.4	4.6	3.9	5.3
Great Lakes.....	3.5	6.9	1.3	1.2	1.1	1.1	0.6	-3.4	4.4	4.4	3.1	6.5	4.2	4.0	4.5	5.5	5.1
Illinois.....	3.6	6.2	1.1	0.1	1.4	0.8	0.7	-4.0	3.0	5.0	4.0	7.7	3.5	3.6	3.2	5.8	4.5
Indiana.....	3.1	6.2	0.6	1.3	2.4	0.7	0.4	-5.6	3.5	4.4	1.9	6.1	2.2	3.3	4.9	6.2	12.5
Michigan.....	3.9	9.3	1.2	0.5	0.5	1.6	0.6	-1.9	6.7	3.9	3.0	6.1	6.5	4.6	5.1	6.4	2.2
Ohio.....	3.4	6.5	1.1	0.7	0.7	1.0	0.5	-3.1	3.7	4.1	3.6	6.3	4.7	4.4	5.0	4.3	5.8
Wisconsin.....	3.3	6.4	3.4	5.3	0.5	1.3	1.1	-3.0	5.5	4.5	1.9	4.9	2.9	3.8	4.8	4.5	3.8
Plains.....	3.6	5.0	2.3	1.3	0.9	1.4	1.4	-2.2	3.9	4.7	2.8	6.5	4.9	4.9	4.3	6.0	5.9
Iowa.....	3.7	4.3	0.3	2.2	1.0	2.9	1.4	-2.3	4.2	4.8	2.9	7.0	3.2	4.0	4.3	6.3	9.1
Kansas.....	3.6	4.4	4.7	1.3	0.4	0.9	0.8	-1.8	5.2	4.2	3.4	4.0	4.6	4.4	2.5	7.2	6.4
Minnesota.....	4.0	5.6	2.4	0.4	0.1	0.2	1.1	-1.4	4.9	4.8	4.1	8.1	6.1	5.2	4.9	6.1	5.8
Missouri.....	2.3	4.4	1.1	1.0	1.6	0.2	0.5	-4.4	1.4	4.4	1.2	3.3	3.7	4.6	4.7	3.1	4.5
Nebraska.....	3.7	5.2	3.3	2.4	0.7	4.3	2.6	-3.6	3.9	5.3	1.6	6.2	4.1	4.9	4.5	7.6	6.6
North Dakota.....	7.4	5.8	4.6	2.8	4.6	6.7	6.4	4.4	9.3	8.0	5.5	18.8	11.5	8.8	5.4	13.5	-1.3
South Dakota.....	3.9	7.9	1.8	3.3	2.5	3.1	2.5	-0.9	3.7	3.8	3.9	4.8	4.1	4.7	2.7	7.2	6.3
Southeast.....	3.9	5.2	3.8	2.5	1.5	2.1	1.8	-4.3	5.4	4.0	3.6	6.2	4.5	5.2	5.3	5.8	5.5
Alabama.....	2.8	3.2	1.2	0.6	1.1	0.5	0.4	-5.5	5.0	4.0	2.3	2.5	1.8	4.1	5.2	3.9	7.6
Arkansas.....	2.8	5.0	1.9	1.1	1.3	2.7	1.4	-8.3	3.9	2.9	3.4	4.1	3.0	3.2	4.8	3.8	15.6
Florida.....	4.9	7.8	6.3	3.2	2.0	2.9	2.5	-3.1	7.4	2.8	5.3	9.6	5.8	6.9	5.9	6.1	17.1
Georgia.....	4.4	4.7	5.4	2.2	1.8	2.9	2.2	-3.2	6.1	4.5	3.8	8.2	4.3	6.3	5.7	7.2	-0.7
Kentucky.....	2.4	3.4	2.2	0.4	0.2	0.4	1.9	-5.9	1.4	4.0	1.5	3.5	3.1	3.3	5.4	6.5	4.4
Louisiana.....	3.3	3.0	1.1	1.1	1.0	1.0	0.7	-6.3	3.4	4.9	3.2	3.4	6.5	5.7	4.4	5.5	13.3
Mississippi.....	2.9	3.2	1.6	1.9	3.4	0.3	2.8	-7.0	5.1	4.3	1.5	2.0	2.5	3.6	3.6	8.2	7.0
North Carolina.....	4.3	5.4	3.5	6.8	2.0	2.5	1.8	-2.9	7.1	4.9	3.6	6.4	4.0	5.0	5.9	5.6	-4.1
South Carolina.....	3.4	4.0	3.6	3.2	0.9	2.7	2.1	-4.6	4.8	4.4	2.3	6.7	5.4	4.0	5.8	5.8	-1.2
Tennessee.....	3.6	7.5	2.4	1.2	0.4	1.7	1.5	-0.9	4.0	4.5	2.9	4.6	7.6	3.6	4.7	5.6	-0.5
Virginia.....	3.3	3.3	1.7	0.1	1.6	1.3	0.8	-5.5	3.9	5.0	2.9	2.8	2.4	3.8	4.7	5.2	6.7
West Virginia.....	2.1	0.7	0.4	1.1	0.4	0.8	1.9	-4.1	3.6	2.7	4.2	1.9	1.1	2.1	3.7	1.9	-2.4
Southwest.....	5.2	6.4	4.3	1.1	1.5	4.0	0.5	0.5	7.7	5.3	4.9	7.1	5.3	6.5	6.6	6.6	7.0
Arizona.....	4.5	5.6	4.0	1.9	1.6	3.6	0.8	-2.7	6.3	4.7	3.2	4.8	6.5	6.0	5.8	6.5	9.8
New Mexico.....	3.5	4.4	1.3	0.9	0.2	1.5	0.1	-2.1	5.1	3.4	3.4	1.6	3.0	5.8	6.3	7.0	3.2
Oklahoma.....	3.7	2.2	2.9	1.7	0.8	4.0	0.5	-1.8	3.7	4.7	4.1	4.0	1.9	5.5	5.8	7.4	-7.8
Texas.....	5.7	7.3	4.7	0.9	1.7	4.3	0.4	1.8	8.9	5.6	5.5	8.4	5.8	6.9	6.9	6.5	8.3
Rocky Mountain.....	5.2	6.6	4.6	3.1	1.8	3.8	2.2	-3.0	7.6	4.5	4.6	7.0	6.4	6.6	6.3	7.5	14.1
Colorado.....	5.7	7.3	5.1	0.6	2.0	3.6	1.7	-4.4	7.7	5.2	4.8	7.0	7.2	7.2	7.2	7.8	20.9
Idaho.....	4.3	7.2	3.1	1.5	2.4	4.3	3.1	-1.8	8.0	2.2	3.9	8.3	5.1	5.1	5.4	5.5	15.4
Montana.....	4.8	6.3	5.2	7.4	2.0	4.5	1.5	0.2	6.3	4.8	4.4	7.2	6.0	5.3	4.5	4.7	5.9
Utah.....	5.3	5.7	4.1	7.0	0.7	4.2	3.3	-1.9	8.0	4.0	5.1	5.7	5.4	7.0	5.5	9.1	5.5
Wyoming.....	4.0	4.0	3.0	1.1	2.6	2.1	1.8	-5.9	4.3	5.1	3.9	8.3	7.7	4.8	6.6	8.8	11.2
Far West.....	4.5	5.8	2.4	3.7	2.1	2.6	2.8	-3.5	6.3	3.7	4.4	6.6	5.9	7.6	6.0	5.5	6.5
Alaska.....	3.3	0.5	0.9	0.3	0.4	0.5	2.8	-1.3	6.2	3.4	3.7	4.5	9.0	4.4	6.5	0.9	3.6
California.....	4.4	6.1	1.6	2.9	2.1	2.6	3.1	-3.3	6.0	3.7	4.1	7.1	5.7	8.3	5.8	4.9	7.2
Hawaii.....	4.5	5.4	2.7	3.2	2.2	2.0	0.6	-6.7	5.5	3.1	6.5	5.2	4.7	5.7	5.8	8.1	6.7
Nevada.....	4.1	6.0	4.8	3.4	2.1	3.1	2.4	-3.6	7.5	1.9	4.5	3.5	5.2	5.2	6.7	6.4	5.9
Oregon.....	5.3	5.8	5.9	4.2	2.5	3.8	2.3	-3.7	7.5	4.4	5.0	6.7	6.6	6.8	6.7	6.6	16.2
Washington.....	4.8	4.9	3.3	7.2	1.7	2.1	1.5	-4.7	6.7	4.3	5.2	5.3	6.8	5.0	6.7	8.1	-1.4

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 4. Per Capita Personal Consumption Expenditures by State for Select Categories, 2014

[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/.....	37,196	6,720	6,128	2,780	1,258	20,310
New England.....	46,008	8,300	8,016	3,346	1,426	24,920
Connecticut.....	45,844	8,948	7,290	3,179	1,313	25,113
Maine.....	41,148	6,360	7,289	3,736	2,203	21,559
Massachusetts.....	48,020	8,539	8,857	3,319	1,220	26,085
New Hampshire.....	46,633	8,397	7,375	3,635	1,940	25,286
Rhode Island.....	39,774	7,475	7,160	2,775	1,051	21,314
Vermont.....	44,768	7,307	7,473	4,104	2,183	23,701
Mideast.....	42,553	7,793	7,098	2,829	1,073	23,761
Delaware.....	41,701	6,837	8,061	3,243	1,186	22,374
District of Columbia.....	55,141	9,775	11,358	3,889	952	29,167
Maryland.....	41,460	9,146	6,539	2,730	1,114	21,930
New Jersey.....	45,496	9,128	6,459	3,107	1,153	25,649
New York.....	43,727	7,784	7,385	2,711	862	24,986
Pennsylvania.....	38,609	6,208	7,071	2,779	1,322	21,229
Great Lakes.....	36,298	6,038	6,479	2,630	1,289	19,862
Illinois.....	38,532	6,839	6,246	2,495	1,011	21,940
Indiana.....	33,758	5,382	6,277	2,571	1,507	18,022
Michigan.....	36,218	6,035	6,371	2,651	1,339	19,822
Ohio.....	35,333	5,506	6,796	2,742	1,329	18,959
Wisconsin.....	36,290	6,072	6,776	2,740	1,493	19,208
Plains.....	37,218	6,015	6,556	2,718	1,791	20,138
Iowa.....	35,258	5,445	5,849	2,773	1,906	19,285
Kansas.....	34,662	5,649	6,058	2,802	1,342	18,810
Minnesota.....	40,849	7,143	7,210	2,735	1,559	22,202
Missouri.....	35,052	5,690	6,498	2,591	1,730	18,543
Nebraska.....	36,857	5,623	6,206	2,660	2,070	20,297
North Dakota.....	47,739	5,980	7,346	3,202	4,124	27,086
South Dakota.....	36,899	5,328	7,135	2,747	2,174	19,515
Southeast.....	33,696	5,908	5,649	2,739	1,255	18,145
Alabama.....	30,494	4,941	5,224	2,461	1,319	16,550
Arkansas.....	29,430	4,581	5,107	2,351	1,520	15,871
Florida.....	36,397	6,803	6,035	2,917	974	19,669
Georgia.....	32,815	5,727	4,979	2,716	1,261	18,132
Kentucky.....	31,775	4,930	5,852	2,842	1,396	16,756
Louisiana.....	32,979	5,254	6,064	2,646	1,423	17,591
Mississippi.....	29,386	4,675	5,558	2,510	1,443	15,200
North Carolina.....	32,056	5,429	5,473	2,674	1,288	17,192
South Carolina.....	32,280	5,101	5,669	2,755	1,584	17,170
Tennessee.....	32,350	5,477	5,761	2,693	1,225	17,193
Virginia.....	38,813	8,070	5,519	2,835	1,308	21,081
West Virginia.....	32,311	4,391	6,825	2,692	1,442	16,961
Southwest.....	34,145	5,690	5,406	2,668	1,452	18,929
Arizona.....	33,934	6,470	5,218	2,615	1,188	18,443
New Mexico.....	33,943	5,476	5,865	2,641	1,636	18,325
Oklahoma.....	32,266	4,854	5,750	2,289	1,753	17,621
Texas.....	34,484	5,631	5,368	2,738	1,460	19,286
Rocky Mountain.....	36,467	6,742	5,237	2,850	1,343	20,296
Colorado.....	39,216	7,652	5,431	2,955	1,054	22,124
Idaho.....	32,553	5,682	4,931	2,841	1,523	17,575
Montana.....	38,518	6,055	6,454	3,312	1,932	20,765
Utah.....	32,406	5,957	4,498	2,441	1,233	18,277
Wyoming.....	39,076	6,513	5,898	3,152	3,019	20,494
Far West.....	38,356	8,132	5,714	2,865	994	20,651
Alaska.....	46,229	7,591	9,303	3,924	1,451	23,960
California.....	38,206	8,364	5,524	2,713	982	20,622
Hawaii.....	41,021	8,882	5,966	3,606	710	21,856
Nevada.....	34,469	6,912	4,935	2,780	1,080	18,763
Oregon.....	36,767	7,063	5,994	3,308	1,066	19,337
Washington.....	40,282	7,853	6,489	3,228	990	21,722

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