

EMBARGOED UNTIL RELEASE AT 8:30 A.M. EDT, THURSDAY, AUGUST 7, 2014

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BEA 14-37

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Personal Consumption Expenditures by State, 1997-2012 (Prototype Estimates)

Today, the U.S. Bureau of Economic Analysis released prototype estimates of personal consumption expenditures (PCE) for states for 1997-2012. These new estimates provide insight into household spending patterns across states that can be used together with other regional data to gain a better understanding of regional economies.

The data provide a new tool for state-level analysis of consumer activity and household economic well-being. The statistics can be used by state and regional policy makers for fiscal analysis and by businesses targeting regional markets. These prototype estimates are released for evaluation and comment by data users.

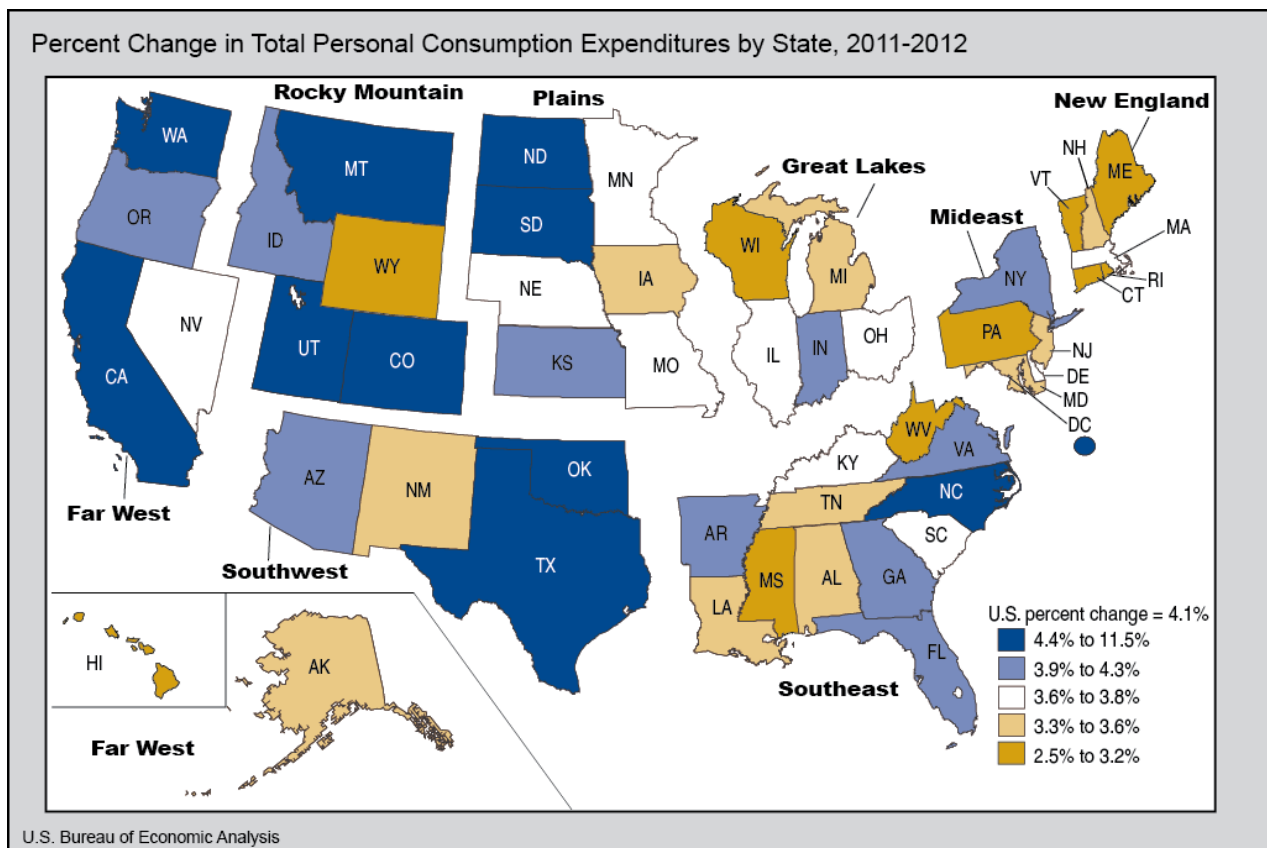
“For the first time, we now have rich data on consumer spending decisions in each state, giving us a snapshot of consumer confidence in our economy,” said U.S. Secretary of Commerce Penny Pritzker. “The new report BEA released today will help businesses make smarter decisions about hiring and investing. Unleashing more of our data and making that data more accessible are key Commerce Department priorities, both of which will help strengthen U.S. economic growth, job creation and competitiveness.”

“BEA’s new data is a vivid example of how government innovation can benefit businesses and the American public – exactly what we want to showcase as part of the Commerce Department’s ‘Open for Business Agenda.’ The creation of these new economic statistics makes clear how much consumers in each state are spending, as well as what they are buying, in a geographically detailed picture that didn’t exist before,” said Mark Doms, Under Secretary of Commerce for Economic Affairs.

The PCE-by-state estimates are released for 16 expenditure categories that correspond to the national level expenditure categories published by BEA. There are eight categories of goods, seven categories of services, and the net expenditures of nonprofit institutions serving households. The PCE-by-state estimates are reported in current dollars, and reflect variation in both prices and quantities.

Growth in Total Personal Consumption Expenditures by State

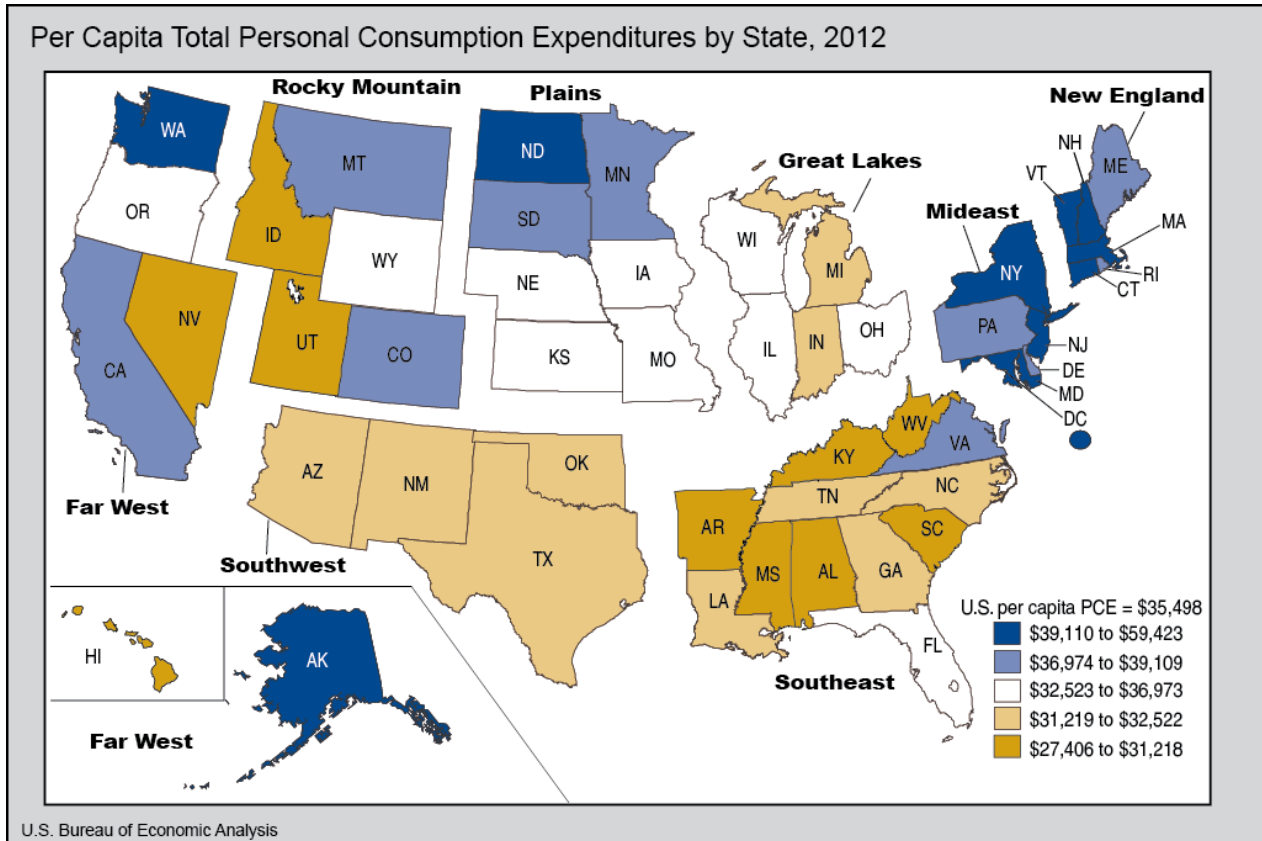
The prototype statistics show that total PCE rose in all states in 2012, but generally at a slower rate than in 2011. Growth was fastest in North Dakota at 11.5%, after growing 11.6% in 2011. PCE grew faster in 2012 compared with 2011 in Arizona, the District of Columbia, North Carolina, Nevada, and Utah.



Other states with rapid total PCE growth in 2012 were Texas, the District of Columbia, and Utah. PCE rose at the slowest pace in 2012 in Mississippi. PCE growth in Arizona was closest to the average of all states of 4.1%. Growth in PCE by state reflects both population change and change in per capita expenditures.

Per Capita Total Personal Consumption Expenditures

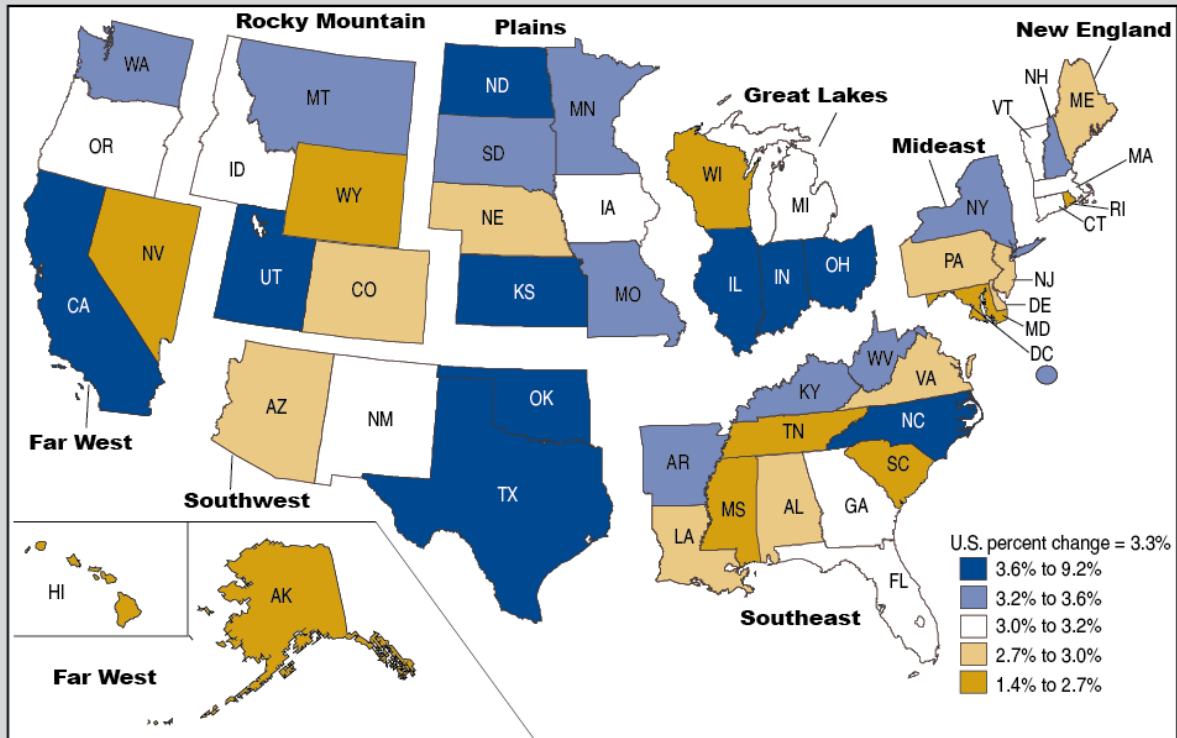
On a per capita basis, the prototype estimates show that the level of total PCE in 2012 ranged from a high of \$59,423 in the District of Columbia to a low of \$27,406 in Mississippi. Other states with relatively high per capita PCE were Massachusetts, Connecticut, and North Dakota. Across all states, per capita PCE was \$35,498. States with per capita PCE closest to the average value were Oregon and Nebraska.



Growth in Per Capita Total Personal Consumption Expenditures

Growth in per capita total PCE between 2011 and 2012 ranged from a high of 9.2% in North Dakota to a low of 1.4% in Wyoming. Across all states, per capita PCE grew 3.3%. The states with the highest growth after North Dakota were Oklahoma, Texas, and Utah, where growth ranged between 4.0% and 4.2%. States with slowest growth after Wyoming were Hawaii, Mississippi, and Nevada.

Percent Change in Per Capita Total Personal Consumption Expenditures by State, 2011-2012



U.S. Bureau of Economic Analysis

Per Capita Personal Consumption Expenditures for Selected Categories

Per capita PCE for housing and utilities were highest in 2012 in the District of Columbia (\$11,985), followed by Hawaii (\$10,002), Connecticut (\$9,524), and Maryland (\$9,000). Per capita expenditures were lowest in Mississippi (\$4,294), followed by Texas (\$4,391), Arkansas (\$4,500), and West Virginia (\$4,536).

Per capita PCE for health care were highest in 2012 in the District of Columbia (\$10,491), Massachusetts (\$8,816), Alaska (\$8,173), and North Dakota (\$7,785). They were lowest in Nevada (\$4,253), Utah (\$4,311), Idaho (\$4,695), and Georgia (\$4,737).

Per capita PCE for food and beverages purchased for off-premises consumption were highest in 2012 in Alaska (\$3,852), Vermont (\$3,622), New Hampshire (\$3,616), and Hawaii (\$3,615). They were lowest in Oklahoma (\$2,179), Arkansas (\$2,243), Utah (\$2,429), and Alabama (\$2,445).

Per capita expenditures on gasoline and other energy goods were highest in 2012 in North Dakota (\$3,916), Wyoming (\$3,475), South Dakota (\$2,521), and Maine (\$2,373). Per capita expenditures were lowest in Hawaii (\$882), New York (\$919), Florida (\$1,020), and California (\$1,039).

Methodology

In summary, 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 presented in the prototype PCE-by-state statistics. The annual national PCE category totals are those released on July 31, 2013, which is prior to the July 30, 2014 annual revision of the NIPAs.

State-level Economic Census receipts are used for approximately 60% of PCE by state in Economic Census years. For other years, where state-level Economic Census receipts are not available, annual data from the Quarterly Census of Employment and Wages are used to interpolate and extrapolate expenditures. In these cases, the wages are those of the workers employed in the establishments within the state providing the goods and services to consumers.

For the remaining approximately 40% of PCE by state, other annual state-level data sources are used to estimate expenditures. These include the 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 are based on the location of the business collecting the receipts, rather than the residency of the consumer. 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 the prototype estimates of 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 to 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 issue of the *Survey of Current Business*, the monthly online journal of the Bureau of Economic Analysis, and in the upcoming article in the October 2014 issue of the *Survey* (<http://www.bea.gov/scb/index.htm>).

Next Steps

BEA plans additional outreach with data users to assess these prototype statistics. Subject to data users' evaluations and comments, we plan to review the estimation methodology and continue to incorporate improved data sources. Provided that user evaluations are positive, we plan to release official statistics in 2015.

Availability of Data on BEA Website

Prototype 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#news>).

Explanatory Notes

PCE by state is the state counterpart of the Nation's personal consumption expenditures (PCE). PCE represents the goods and services purchased by or on behalf of households, plus the purchases of nonprofit institutions serving households. For each state and for the District of Columbia, personal consumption expenditures are those expenditures made by or on behalf of residents. These expenditures include expenditures on activities outside of the state.

BEA's national, international, regional, and industry statistics; the *Survey of Current Business*; and BEA news releases are available without charge on BEA's Web site at www.bea.gov. By visiting the site, you can also subscribe to receive free e-mail summaries of BEA releases and announcements.

Table 1. Total Personal Consumption Expenditures by State, 1997-2012

(Millions of dollars)

State and Region	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States/1/.....	5,557,762	5,899,792	6,313,766	6,798,411	7,103,461	7,381,263	7,759,726	8,253,039	8,785,818	9,292,891	9,739,412	10,000,156	9,836,419	10,196,539	10,704,916	11,143,377
New England.....	328,561	347,329	371,082	397,903	419,912	435,641	459,915	487,743	514,501	536,955	558,966	581,032	576,472	600,021	627,217	648,757
Connecticut.....	86,723	91,639	97,916	102,800	107,322	112,067	117,841	125,342	132,522	139,093	144,141	151,084	148,617	153,863	159,319	164,437
Maine.....	25,320	27,048	29,003	30,811	32,826	34,749	36,833	39,458	41,178	43,197	45,204	46,138	46,302	47,789	50,010	51,409
Massachusetts.....	155,813	164,890	176,138	190,939	202,418	207,709	218,858	230,961	243,690	253,764	265,192	276,513	275,057	288,097	302,900	314,415
New Hampshire.....	26,986	28,671	30,941	33,506	35,517	37,250	39,887	42,279	44,575	46,394	48,064	49,418	50,661	52,137	53,137	54,970
Rhode Island.....	20,948	21,837	23,168	25,053	26,109	27,487	29,588	31,526	33,256	34,245	35,155	35,952	35,751	36,802	37,888	38,834
Vermont.....	12,771	13,243	13,917	14,794	15,720	16,379	16,907	17,178	17,279	20,261	21,211	21,927	21,828	22,811	23,963	24,692
Mideast.....	1,011,306	1,068,554	1,138,350	1,220,292	1,279,716	1,334,537	1,409,805	1,491,324	1,572,397	1,650,641	1,718,899	1,783,127	1,776,472	1,842,307	1,927,686	1,995,436
Delaware.....	16,771	17,764	19,138	20,402	21,619	22,854	24,465	26,198	27,983	29,639	30,951	31,927	31,484	32,841	34,390	35,671
District of Columbia.....	16,773	17,210	18,037	19,523	20,540	22,226	23,105	25,238	26,436	28,693	30,164	32,389	32,017	34,006	35,513	37,575
Maryland.....	113,880	121,231	129,412	140,160	148,045	155,204	164,989	177,540	190,705	201,687	210,711	216,824	216,971	223,078	233,033	241,150
New Jersey.....	194,989	206,163	219,859	235,839	248,243	263,111	278,928	294,341	307,743	325,038	337,283	347,482	342,917	353,557	366,133	378,108
New York.....	419,578	443,645	472,801	505,674	528,465	547,665	576,802	608,454	641,458	670,174	696,286	725,533	723,757	752,184	782,789	812,789
Pennsylvania.....	249,315	262,541	279,102	298,693	312,805	323,477	341,517	359,554	378,071	395,411	413,504	428,972	429,327	445,149	466,433	480,144
Great Lakes.....	917,026	960,347	1,016,795	1,083,355	1,120,233	1,150,987	1,194,562	1,251,935	1,306,961	1,357,849	1,411,450	1,443,666	1,413,604	1,460,940	1,526,888	1,581,742
Illinois.....	258,016	272,027	286,867	309,773	318,976	328,407	339,776	358,093	377,124	396,538	416,785	427,842	417,265	432,592	450,303	467,266
Indiana.....	115,036	121,323	129,168	137,686	143,736	147,666	153,832	163,243	171,028	178,003	185,241	190,075	186,483	193,564	203,330	211,930
Michigan.....	217,408	222,364	234,227	244,626	251,256	256,089	263,390	273,052	287,567	293,682	299,582	299,102	299,582	309,102	311,038	321,166
Ohio.....	223,654	236,211	250,403	267,574	276,808	284,322	296,269	307,415	319,009	328,082	340,006	346,187	340,353	352,423	368,817	382,555
Wisconsin.....	102,913	108,422	116,131	123,695	129,456	134,503	141,295	150,132	158,876	167,659	175,737	181,027	179,401	193,399	198,825	205,611
Plains.....	380,829	402,798	430,574	461,140	481,664	498,800	521,529	548,201	574,367	600,788	628,959	649,192	643,938	666,870	704,338	733,536
Iowa.....	54,978	57,707	61,112	64,912	66,556	67,576	70,426	75,001	79,239	83,511	87,945	91,057	90,907	94,126	99,893	103,246
Kansas.....	48,113	51,342	54,647	58,447	60,936	62,453	64,906	68,252	71,772	75,999	80,251	83,247	82,466	85,110	89,998	93,858
Minnesota.....	105,283	112,512	121,929	132,282	138,821	144,871	152,975	160,333	167,023	173,571	180,217	184,148	181,015	186,363	196,369	203,893
Missouri.....	113,267	119,413	126,998	135,134	141,445	147,425	152,278	158,832	165,213	171,860	178,705	184,721	184,001	189,459	198,028	205,601
Nebraska.....	32,519	34,144	36,701	39,249	41,375	42,433	44,867	47,484	50,305	52,593	55,428	57,329	56,671	59,470	62,970	65,269
North Dakota.....	12,730	13,170	13,683	14,550	15,231	15,928	16,756	17,882	18,945	20,100	21,399	22,631	22,870	24,746	27,616	30,804
South Dakota.....	13,940	14,509	15,505	16,567	17,300	18,114	19,322	20,416	21,871	23,153	25,013	26,059	26,008	27,597	29,464	30,864
Southeast.....	1,251,993	1,330,416	1,422,985	1,533,863	1,610,454	1,679,136	1,767,939	1,892,871	2,036,058	2,171,235	2,276,660	2,317,809	2,281,983	2,368,757	2,479,682	2,579,003
Alabama.....	77,261	80,604	84,818	89,955	94,169	98,662	102,535	109,151	115,865	121,831	126,729	128,831	126,729	137,868	142,429	147,738
Arkansas.....	42,023	44,048	46,864	50,521	52,819	54,608	57,310	60,372	64,679	68,224	72,292	73,783	73,276	76,239	80,547	83,656
Florida.....	301,999	323,438	341,953	370,187	394,714	415,802	444,809	486,255	537,166	586,130	604,281	602,146	585,319	598,222	624,917	652,058
Georgia.....	151,215	161,674	175,430	191,107	199,928	207,497	217,146	228,687	245,814	261,352	277,200	281,123	273,866	283,301	297,132	309,690
Kentucky.....	69,238	73,041	78,153	83,482	87,134	91,066	95,313	100,960	106,464	111,266	115,115	118,144	118,063	123,102	129,310	134,131
Louisiana.....	75,919	79,572	83,394	88,319	91,357	94,600	99,294	104,746	109,294	115,062	124,110	130,212	131,655	136,189	142,198	147,238
Mississippi.....	42,263	44,669	47,804	50,975	53,402	55,172	58,066	61,009	65,092	69,124	73,264	76,580	74,909	77,057	79,823	81,805
North Carolina.....	146,712	156,322	169,274	182,880	191,540	197,151	204,253	217,874	232,220	247,114	264,519	272,241	269,751	283,182	296,586	310,999
South Carolina.....	70,361	74,693	80,401	86,181	90,295	93,649	97,944	104,665	111,340	118,429	126,164	129,094	126,654	133,825	140,077	145,152
Tennessee.....	106,393	112,650	120,090	128,051	132,290	136,592	141,720	150,680	159,716	168,522	176,206	178,910	176,603	185,822	195,931	202,835
Virginia.....	138,992	148,798	162,227	177,632	186,662	196,265	209,581	226,814	244,852	258,710	269,254	277,609	275,192	287,487	300,225	312,156
West Virginia.....	29,617	30,908	32,577	34,574	36,143	38,072	39,417	41,658	43,557	45,471	47,527	49,138	49,973	52,592	55,069	56,854
Southwest.....	549,419	590,348	635,063	691,953	722,561	748,635	783,756	835,085	905,887	973,987	1,034,321	1,069,297	1,055,247	1,103,748	1,178,659	1,241,369
Arizona.....	92,340	99,538	107,969	117,780	123,914	130,400	138,926	152,560	171,472	190,065	201,728	202,067	194,093	197,465	204,518	212,983
New Mexico.....	31,783	33,583	35,384	37,833	40,232	42,399	44,999	47,558	51,212	54,643	58,256	60,201	59,585	61,950	65,480	67,668
Oklahoma.....	56,353	59,454	62,760	67,247	70,620	72,114	75,242	79,545	85,200	91,429	97,677	102,236	100,947	106,697	113,964	119,750
Texas.....	368,943	397,773	428,950	469,093	487,796	503,722	524,589	555,422	598,003	638,030	676,660	704,793	700,622	737,636	794,698	840,967
Rocky Mountain.....	175,660	189,318	206,042	225,336	236,729	244,859	256,339	271,456	291,403	313,643	334,550	346,390	340,020	351,787	371,001	387,768
Colorado.....	89,932	98,074	108,048	118,442	125,862	134,481	140,697	148,997	160,203	176,721	184,999	172,018	169,760	176,080	186,598	194,865
Idaho.....	21,705	22,969	24,868	27,212	28,561	29,927	31,762	33,903	37,648	41,302	44,258	44,500	43,035	44,401	46,373	48,175
Montana.....	16,372	17,255	18,470	19,854	21,229	22,675	24,004	25,639	29,985	32,449	34,548	32,302	32,302	33,613	35,730	37,289
Utah.....	38,443	41,334	44,303	47,716	49,332	50,889	53,127	57,172	62,450	68,874	74,780	77,557	76,152	78,238	81,664	86,175
Wyoming.....	9,209	9,685	10,353	11,112	11,745	1										

Table 2. Percent Change from Preceding Period of Total Personal Consumption Expenditures by State, 1997-2012, and of Per Capita Total Personal Consumption Expenditures by State, 2011-2012

State and Region	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Average 1997-2012	Per Capita 2012
United States/11.	6.2%	7.0%	7.7%	4.5%	3.9%	5.1%	6.4%	6.5%	5.8%	4.8%	2.7%	-1.6%	3.7%	5.0%	4.1%	4.8%	3.3%
New England.....	5.7%	6.8%	7.2%	5.5%	3.7%	5.6%	6.1%	5.5%	4.4%	4.1%	3.9%	-0.8%	4.1%	4.5%	3.4%	4.7%	3.1%
Connecticut.....	5.7%	6.8%	5.0%	4.4%	4.4%	5.2%	6.4%	5.7%	5.0%	3.6%	4.8%	-1.6%	3.5%	3.5%	3.2%	4.4%	3.1%
Maine.....	6.8%	7.2%	6.2%	6.5%	5.9%	6.0%	7.1%	4.4%	4.9%	4.6%	2.1%	0.4%	3.2%	4.6%	2.8%	4.9%	2.7%
Massachusetts.....	5.8%	6.8%	8.4%	6.0%	2.6%	5.4%	5.5%	5.5%	4.1%	4.5%	4.3%	-0.5%	4.7%	5.1%	3.8%	4.8%	3.2%
New Hampshire.....	6.2%	7.9%	8.3%	6.0%	4.9%	7.1%	6.0%	5.4%	4.1%	3.6%	2.8%	-1.0%	3.6%	4.9%	3.5%	4.9%	3.2%
Rhode Island.....	4.2%	6.1%	8.1%	4.2%	5.3%	7.6%	6.5%	5.5%	3.0%	2.7%	2.3%	-0.6%	2.9%	3.0%	2.5%	4.2%	2.5%
Vermont.....	3.7%	5.1%	6.3%	6.3%	4.2%	3.2%	7.5%	6.1%	5.1%	4.7%	3.4%	-0.5%	4.5%	5.1%	3.0%	4.5%	3.1%
Mideast.....	5.7%	6.5%	7.2%	4.9%	4.3%	5.6%	5.8%	5.4%	5.0%	4.1%	3.7%	-0.4%	3.7%	4.6%	3.5%	4.6%	3.1%
Delaware.....	5.9%	7.7%	6.6%	6.0%	5.7%	7.0%	7.1%	6.8%	5.9%	4.4%	3.2%	-1.4%	4.3%	4.7%	3.7%	5.2%	2.7%
District of Columbia..	2.6%	4.8%	8.2%	5.2%	8.2%	4.0%	9.2%	4.7%	8.5%	5.1%	7.4%	-1.1%	6.2%	4.4%	5.8%	5.6%	3.6%
Maryland.....	6.5%	6.7%	8.3%	5.6%	4.8%	6.3%	7.6%	7.4%	5.8%	4.5%	2.9%	0.1%	2.8%	4.5%	3.5%	5.2%	2.7%
New Jersey.....	5.7%	6.6%	7.3%	5.3%	6.0%	6.0%	5.5%	4.6%	5.6%	3.8%	3.0%	-1.3%	3.1%	3.6%	3.3%	4.5%	2.9%
New York.....	5.7%	6.6%	7.0%	4.5%	3.6%	5.3%	5.5%	5.4%	4.5%	3.9%	4.2%	-0.2%	4.1%	5.1%	3.9%	4.6%	3.5%
Pennsylvania.....	5.3%	6.3%	7.0%	4.7%	3.4%	5.6%	5.3%	5.2%	4.6%	4.6%	3.7%	0.1%	3.7%	4.8%	2.9%	4.5%	2.8%
Great Lakes.....	4.7%	5.9%	6.5%	3.4%	2.7%	3.8%	4.8%	4.4%	3.9%	3.9%	2.3%	-2.1%	3.3%	4.5%	3.6%	3.7%	3.5%
Illinois.....	5.4%	5.5%	8.0%	3.0%	3.0%	3.5%	5.4%	5.3%	5.1%	5.1%	2.7%	-2.5%	3.7%	4.1%	3.8%	4.1%	3.6%
Indiana.....	5.5%	6.5%	6.6%	4.4%	2.7%	4.2%	6.1%	4.8%	4.1%	4.1%	2.6%	-1.9%	3.8%	5.0%	4.2%	4.2%	3.9%
Michigan.....	2.3%	5.3%	4.4%	2.7%	1.9%	2.9%	3.7%	2.9%	2.4%	2.1%	1.7%	-2.8%	2.5%	4.6%	3.3%	2.7%	3.2%
Ohio.....	5.6%	6.0%	6.9%	3.5%	2.7%	4.2%	3.8%	3.8%	2.8%	3.6%	1.8%	-1.7%	3.5%	4.7%	3.7%	3.7%	3.7%
Wisconsin.....	5.4%	7.1%	6.5%	4.7%	3.9%	5.0%	6.3%	5.8%	5.5%	4.8%	3.0%	-0.9%	3.2%	4.5%	2.8%	4.5%	2.5%
Plains.....	5.8%	6.9%	7.1%	4.5%	3.6%	4.6%	5.1%	4.8%	4.6%	4.7%	3.2%	-0.8%	3.6%	5.6%	4.1%	4.5%	3.6%
Iowa.....	5.0%	5.9%	6.2%	2.5%	1.5%	4.2%	6.5%	5.7%	5.4%	5.3%	3.5%	-0.2%	3.5%	6.1%	3.4%	4.3%	3.0%
Kansas.....	6.7%	6.4%	7.0%	4.3%	2.5%	3.9%	5.2%	5.2%	5.9%	5.6%	3.7%	-0.9%	3.2%	5.7%	4.3%	4.6%	3.7%
Minnesota.....	6.9%	8.4%	8.5%	4.9%	4.4%	5.6%	4.8%	4.2%	3.9%	3.8%	2.2%	-1.7%	3.0%	5.4%	3.8%	4.5%	3.2%
Missouri.....	5.4%	6.4%	6.4%	4.7%	4.2%	3.3%	4.3%	4.0%	4.0%	4.0%	3.4%	-0.4%	3.0%	4.5%	3.8%	4.1%	3.6%
Nebraska.....	5.0%	7.5%	6.9%	5.4%	2.6%	5.7%	5.8%	5.9%	4.5%	5.4%	3.4%	-1.1%	4.9%	5.9%	3.7%	4.8%	2.9%
North Dakota.....	3.5%	3.9%	6.3%	4.7%	4.6%	5.2%	6.7%	5.9%	6.1%	6.5%	5.8%	1.1%	8.2%	11.6%	11.5%	6.1%	9.2%
South Dakota.....	4.1%	6.9%	6.9%	4.4%	4.7%	6.7%	5.7%	7.1%	5.9%	8.0%	4.2%	-0.2%	6.1%	6.8%	4.8%	5.5%	3.5%
Southeast.....	6.3%	7.0%	7.8%	5.0%	4.3%	5.3%	7.1%	7.6%	6.6%	4.9%	1.8%	-1.5%	3.8%	4.7%	4.0%	5.0%	3.1%
Alabama.....	4.3%	5.2%	6.1%	4.7%	4.8%	3.9%	6.5%	6.2%	5.1%	4.0%	1.7%	-1.6%	4.0%	4.7%	3.3%	4.2%	2.9%
Arkansas.....	4.8%	6.4%	7.8%	4.5%	3.4%	4.9%	5.3%	7.1%	5.5%	6.0%	2.1%	-0.7%	4.0%	5.6%	3.9%	4.7%	3.5%
Florida.....	7.1%	5.7%	8.3%	6.6%	5.3%	7.0%	9.3%	10.5%	9.1%	3.1%	-0.4%	-2.8%	2.2%	4.5%	4.3%	5.3%	3.1%
Georgia.....	6.9%	8.5%	8.9%	4.6%	3.8%	4.7%	5.3%	7.5%	6.3%	6.1%	1.4%	-2.6%	3.4%	4.9%	4.2%	4.9%	3.1%
Kentucky.....	5.5%	7.0%	6.8%	4.4%	4.5%	4.7%	5.9%	5.5%	4.5%	3.5%	2.6%	-0.1%	4.3%	5.0%	3.7%	4.5%	3.4%
Louisiana.....	4.8%	4.8%	5.9%	3.4%	3.5%	5.5%	4.9%	4.3%	5.3%	7.9%	4.9%	1.1%	3.4%	4.4%	3.5%	4.5%	2.9%
Mississippi.....	5.7%	7.0%	6.6%	4.8%	3.3%	5.2%	5.1%	6.7%	6.2%	6.0%	4.5%	-2.2%	2.9%	3.6%	2.5%	4.5%	2.2%
North Carolina.....	6.6%	8.3%	8.0%	4.7%	2.9%	3.6%	6.7%	6.6%	6.4%	7.0%	2.9%	-0.9%	5.0%	4.7%	4.9%	5.2%	3.8%
South Carolina.....	6.2%	7.6%	7.2%	4.8%	3.7%	4.6%	6.9%	6.4%	6.4%	6.5%	2.3%	-1.9%	5.7%	4.7%	3.6%	5.0%	2.5%
Tennessee.....	5.9%	6.6%	6.6%	3.3%	3.3%	3.8%	6.3%	6.0%	5.5%	4.6%	1.5%	-1.3%	5.2%	5.4%	3.5%	4.4%	2.6%
Virginia.....	7.1%	9.0%	9.5%	5.1%	5.1%	6.8%	8.2%	8.0%	5.7%	4.1%	3.1%	-0.9%	4.5%	4.4%	4.0%	5.6%	2.9%
West Virginia.....	4.4%	5.4%	6.1%	4.5%	5.3%	3.5%	5.7%	4.6%	4.4%	4.5%	3.4%	1.7%	5.2%	4.7%	3.2%	4.4%	3.2%
Southwest.....	7.4%	7.6%	9.0%	4.4%	3.6%	4.7%	6.5%	8.5%	7.5%	6.2%	3.4%	-1.3%	4.6%	6.8%	5.3%	5.6%	3.8%
Arizona.....	7.8%	8.5%	9.1%	5.2%	5.2%	6.5%	9.8%	12.4%	10.8%	6.1%	0.2%	-3.9%	1.7%	3.6%	4.1%	5.8%	2.8%
New Mexico.....	5.7%	5.4%	6.9%	6.3%	5.4%	6.1%	5.7%	7.7%	6.3%	7.0%	3.3%	-1.0%	4.0%	5.7%	3.3%	5.2%	3.0%
Oklahoma.....	5.5%	5.6%	7.2%	5.0%	2.1%	4.3%	5.7%	7.1%	7.3%	6.8%	4.7%	-1.3%	5.7%	6.8%	5.1%	5.2%	4.2%
Texas.....	7.8%	7.8%	9.4%	4.0%	3.3%	4.1%	5.9%	7.7%	6.7%	6.1%	4.2%	-0.6%	5.3%	7.7%	5.8%	5.7%	4.1%
Rocky Mountain.....	7.8%	8.8%	9.4%	5.1%	3.4%	4.7%	5.9%	7.3%	7.6%	6.7%	3.5%	-1.8%	3.5%	5.5%	4.5%	5.5%	3.2%
Colorado.....	9.1%	10.2%	10.5%	5.4%	2.5%	4.2%	4.6%	5.3%	5.7%	5.3%	4.3%	-1.3%	3.7%	6.0%	4.4%	5.3%	3.0%
Idaho.....	5.8%	8.3%	9.4%	5.0%	4.8%	6.1%	6.7%	11.0%	9.7%	7.2%	0.5%	-3.3%	3.2%	4.4%	3.9%	5.5%	3.1%
Montana.....	5.4%	7.0%	7.5%	6.9%	6.8%	5.9%	6.8%	8.5%	7.8%	7.2%	2.5%	-1.9%	4.1%	6.3%	4.4%	5.7%	3.6%
Utah.....	7.5%	7.2%	7.7%	3.4%	3.2%	4.4%	7.6%	9.2%	10.3%	8.6%	3.7%	-1.8%	2.7%	4.4%	5.5%	5.6%	4.0%
Wyoming.....	5.2%	6.9%	7.3%	5.7%	4.7%	5.4%	8.3%	8.8%	9.7%	9.6%	5.5%	-3.1%	3.7%	6.1%	3.0%	5.8%	1.4%
Far West.....	7.2%	8.1%	8.4%	4.0%	4.6%	6.0%	7.9%	7.4%	6.5%	5.2%	1.9%	-3.4%	3.1%	4.8%	4.6%	5.1%	3.6%
Alaska.....	5.1%	7.0%	8.0%	6.8%	7.7%	6.3%	6.8%	4.4%	4.4%	4.5%	5.0%	0.8%	5.8%	7.2%	3.6%	5.6%	2.5%
California.....	6.6%	8.3%	8.5%	3.8%	4.8%	6.2%	7.9%	7.4%	5.9%	4.4%	1.7%	-4.1%	3.2%	4.9%	4.7%	5.0%	3.7%
Hawaii.....	6.3%	4.8%	5.8%	13.4%	6.3%	9.2%	8.3%	11.2%	9.0%	4.9%	6.7%	6.7%	3.7%	3.6%	2.8%	6.8%	1.8%
Nevada.....	8.7%	10.9%	9.5%	8.8%	6.1%	9.2%	12.9%	12.3%	9.6%	6.3%	-0.3%	-4.6%	0.5%	2.0%	3.8%	6.4%	2.3%
Oregon.....	5.2%	6.8%	7.2%	3.5%	3.5%	3.6%	7.5%	7.0%	8.5%	8.4%	0.9%	-2.6%	2.3%	5.3%	3.9%	4.7%	3.0%
Washington.....	11.4%	7.8%	8.6%	3.0%	3.0%	4.9%	6.8%	6.2%	7.7%	7.5%	3.6%	-1.4%	2.8%	5.3%	4.7%	5.5%	3.6%

1. The U.S. values reported differ from the National Income and Product Accounts (NIPA) values because PCE-by-state estimates exclude net expenditures abroad by U.S. residents. The expenditures of U.S. personnel stationed abroad within this category are out of scope for PCE by state.

Note: Estimates in this table are based on the NIPA PCE statistics prior to the revisions released on July 30, 2014.

Source: U.S. Bureau of Economic Analysis

Table 3. Per Capita Total Personal Consumption Expenditures by State, 1997-2012

State and Region	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
United States/1/.....	20,384	21,387	22,627	24,094	24,927	25,663	26,748	28,186	29,730	31,144	32,332	32,885	32,064	32,964	34,356	35,498
New England.....	24,084	25,290	26,817	28,524	29,906	30,847	32,428	34,332	36,190	37,693	39,145	40,518	40,023	41,487	43,205	44,549
Connecticut.....	25,893	27,230	28,914	30,131	31,263	32,401	33,820	35,852	37,788	39,544	40,865	42,612	41,725	43,019	44,419	45,800
Maine.....	20,179	21,482	22,894	24,126	25,532	26,813	28,192	30,036	31,224	32,636	34,064	34,677	34,824	35,997	37,643	38,677
Massachusetts.....	25,026	26,291	27,882	30,017	31,640	32,367	34,076	36,019	38,057	39,588	41,233	42,745	42,202	43,895	45,845	47,308
New Hampshire.....	22,688	23,775	25,320	27,024	28,289	29,352	31,165	32,772	34,329	35,459	36,619	37,555	37,168	38,471	40,322	41,621
Rhode Island.....	20,430	21,177	22,269	23,854	24,697	25,785	27,618	29,338	31,141	32,213	33,249	34,078	33,931	34,957	36,062	36,974
Vermont.....	21,383	22,057	23,015	24,268	25,676	26,613	27,363	29,323	31,035	32,527	34,020	35,131	34,935	36,444	38,244	39,443
Mideast.....	22,188	23,320	24,690	26,307	27,450	28,491	29,974	31,621	33,286	34,872	36,207	37,394	37,053	38,217	39,790	41,031
Delaware.....	22,517	23,272	24,695	25,945	27,169	28,349	29,908	31,533	33,111	34,493	35,504	36,121	35,306	36,497	37,869	38,895
District of Columbia.....	29,544	30,448	31,633	34,128	35,753	38,778	40,643	44,452	46,613	50,279	52,514	55,820	54,062	56,209	57,370	59,423
Maryland.....	22,081	23,294	24,629	26,390	27,545	28,528	30,018	32,007	34,101	35,840	37,271	38,140	37,863	38,541	39,906	40,980
New Jersey.....	23,725	24,877	26,300	27,974	29,230	30,764	32,428	34,089	35,569	37,526	38,867	39,890	39,165	40,161	41,442	42,654
New York.....	22,490	23,654	25,039	26,612	27,693	28,617	30,079	31,737	33,527	35,079	36,393	37,764	37,487	38,851	40,621	42,043
Pennsylvania.....	20,389	21,440	22,758	24,315	25,433	26,233	27,598	28,971	30,367	31,606	32,912	34,012	33,894	35,020	36,600	37,618
Great Lakes.....	20,610	21,471	22,611	23,960	24,674	25,268	26,135	27,308	28,444	29,473	30,559	31,197	30,495	31,461	32,834	33,967
Illinois.....	21,174	22,167	23,211	24,913	25,542	26,219	27,061	28,443	29,907	31,362	32,828	33,564	32,607	33,690	35,016	36,292
Indiana.....	19,317	20,224	21,368	22,602	23,457	23,987	24,825	26,190	27,240	28,109	29,036	29,585	28,870	29,826	31,203	32,418
Michigan.....	22,164	22,580	23,666	24,579	25,148	25,569	26,231	27,155	27,949	28,653	29,364	30,013	29,299	30,097	31,492	32,496
Ohio.....	19,832	20,882	22,090	23,547	24,308	24,923	25,909	26,843	27,829	28,576	29,565	30,063	29,522	30,544	31,957	33,138
Wisconsin.....	19,542	20,466	21,777	23,017	23,943	24,701	25,788	27,227	28,646	30,059	31,321	32,091	31,644	32,529	33,871	34,721
Plains.....	20,202	21,213	22,507	23,924	24,860	25,622	26,651	27,845	29,004	30,104	31,283	32,061	31,577	32,473	34,123	35,352
Iowa.....	19,016	19,879	20,946	22,161	22,700	23,030	23,938	25,393	26,730	27,999	29,323	30,184	29,974	30,858	32,601	33,585
Kansas.....	18,257	19,297	20,403	21,698	22,551	23,015	23,835	24,961	26,144	27,507	28,828	29,646	29,112	29,771	31,354	32,523
Minnesota.....	22,102	23,375	25,019	26,812	27,860	28,865	30,271	31,514	32,624	33,615	34,609	35,096	34,275	35,092	36,723	37,904
Missouri.....	20,665	21,626	22,833	24,100	25,074	25,979	26,671	27,634	28,533	29,414	30,353	31,182	30,867	31,597	32,955	34,142
Nebraska.....	19,283	20,134	21,528	22,901	24,057	24,552	25,806	27,144	28,558	29,668	31,079	31,914	31,264	32,503	34,181	35,176
North Dakota.....	19,594	20,339	21,239	22,663	23,834	24,960	26,230	27,736	29,322	30,951	32,780	34,417	34,393	36,695	40,331	44,029
South Dakota.....	18,730	19,448	20,662	21,919	22,824	23,834	25,300	26,501	28,202	29,568	31,597	32,609	32,225	33,810	35,775	37,036
Southeast.....	18,783	19,673	20,752	22,071	22,902	23,599	24,568	25,923	27,459	28,924	29,908	30,079	29,326	30,153	31,293	32,586
Alabama.....	17,688	18,299	19,146	20,205	21,078	22,022	22,768	24,091	25,354	26,319	27,120	27,305	26,634	27,533	28,700	29,537
Arkansas.....	16,156	16,772	17,672	18,861	19,624	20,181	21,033	21,956	23,257	24,178	25,378	25,668	25,295	26,085	27,410	28,366
Florida.....	19,886	20,885	21,698	23,068	24,131	24,914	26,159	27,921	30,107	32,263	32,899	32,500	31,380	31,743	32,749	33,755
Georgia.....	19,676	20,560	21,803	23,228	23,866	24,388	25,183	26,078	27,539	28,545	29,647	29,577	28,466	29,162	30,281	31,219
Kentucky.....	17,516	18,327	19,450	20,618	21,419	22,266	23,150	24,351	25,453	26,371	27,044	27,540	27,348	28,321	29,612	30,621
Louisiana.....	17,172	17,920	18,695	19,750	20,402	21,035	22,084	23,010	23,881	26,742	28,364	29,356	29,311	29,970	31,083	31,995
Mississippi.....	15,219	15,926	16,901	17,896	18,718	19,300	20,244	21,118	22,400	23,795	25,019	25,979	25,318	25,953	26,809	27,406
North Carolina.....	19,161	20,018	21,294	22,629	23,330	23,678	24,251	25,473	26,675	27,712	29,010	29,244	28,546	29,624	30,731	31,891
South Carolina.....	18,230	19,058	20,228	21,416	22,213	22,798	23,599	24,856	26,074	27,176	28,389	28,503	27,594	28,868	29,974	30,728
Tennessee.....	19,347	20,224	21,297	22,450	23,004	23,567	24,235	25,492	26,659	27,678	28,532	28,637	28,006	29,233	30,615	31,417
Virginia.....	20,353	21,562	23,175	24,998	25,931	26,934	28,449	30,341	32,315	33,714	34,738	35,439	34,721	35,823	37,045	38,133
West Virginia.....	16,281	17,024	17,980	19,133	20,063	21,088	21,750	22,934	23,926	24,876	25,914	26,701	27,045	28,366	29,688	30,642
Southwest.....	18,546	19,522	20,601	22,050	22,657	23,084	23,805	24,946	26,567	27,872	29,034	29,482	28,598	29,451	31,048	32,233
Arizona.....	19,493	20,383	21,491	22,823	23,498	24,165	25,212	26,990	29,366	31,524	32,707	32,174	30,599	30,802	31,623	32,500
New Mexico.....	17,908	18,725	19,570	20,774	21,964	22,853	23,967	24,981	26,504	27,757	29,273	29,941	29,254	30,004	31,501	32,446
Oklahoma.....	16,707	17,460	18,259	19,467	20,368	20,668	21,468	22,565	24,009	25,439	26,876	27,865	27,154	28,381	30,116	31,391
Texas.....	18,690	19,733	20,865	22,397	22,880	23,223	23,812	24,802	26,253	27,313	28,393	28,993	28,249	29,222	31,004	32,271
Rocky Mountain.....	20,085	21,228	22,656	24,311	25,101	25,593	26,494	27,678	29,222	30,780	32,149	32,649	31,501	32,128	33,486	34,560
Colorado.....	22,381	23,824	25,567	27,604	28,439	28,743	29,695	30,753	31,997	33,201	34,347	35,179	34,142	34,878	36,471	37,564
Idaho.....	17,668	18,341	19,494	20,941	21,638	22,328	23,296	24,359	26,360	28,122	29,405	29,003	27,686	28,267	29,280	30,190
Montana.....	18,398	19,334	20,579	21,968	23,407	24,872	26,101	27,569	29,592	31,474	33,326	33,739	32,828	33,927	35,814	37,098
Utah.....	18,135	19,084	20,106	21,259	21,602	21,890	22,510	23,806	25,410	27,272	28,786	29,123	27,962	28,193	29,017	30,181
Wyoming.....	18,814	19,734	21,052	22,481	23,743	24,600	25,754	27,586	29,710	32,069	34,333	35,477	33,525	34,472	36,373	36,891
Far West.....	20,930	22,068	23,500	25,103	25,729	26,574	27,845	29,725	31,628	33,375	34,794	35,065	33,521	34,197	35,518	36,779
Alaska.....	22,140	23,014	24,441	26,269	27,802	29,539	31,114	32,688	33,722	34,774	36,074	37,484	37,159			

Table 4. Per Capita Personal Consumption Expenditures for Selected Categories by State, 2012

State and Region	Total Personal Consumption Expenditures	Food and Beverages for Off-premises Consumption	Gasoline and Other Energy Goods	Housing and Utilities	Health Care	All Other Personal Consumption Expenditures
United States/1/.....	35,498	2,750	1,328	6,415	5,886	19,118
New England.....	44,549	3,299	1,529	8,178	7,785	23,759
Connecticut.....	45,800	3,170	1,401	9,524	7,096	24,609
Maine.....	38,677	3,526	2,373	5,803	6,936	20,038
Massachusetts.....	47,308	3,307	1,346	8,494	8,816	25,345
New Hampshire.....	41,621	3,616	1,922	6,817	6,421	22,845
Rhode Island.....	36,974	2,804	1,122	7,421	6,700	18,927
Vermont.....	39,443	3,622	2,262	6,293	7,293	19,973
Mideast.....	41,031	2,818	1,174	7,707	6,910	22,422
Delaware.....	38,895	3,348	1,201	7,508	7,327	19,512
District of Columbia.....	59,423	3,599	1,579	11,985	10,491	31,769
Maryland.....	40,980	2,696	1,309	9,000	6,464	21,511
New Jersey.....	42,654	3,076	1,254	8,861	6,141	23,322
New York.....	42,043	2,664	919	7,751	7,303	23,406
Pennsylvania.....	37,618	2,853	1,426	6,044	6,841	20,455
Great Lakes.....	33,967	2,597	1,339	5,425	6,265	18,340
Illinois.....	36,292	2,641	1,160	6,143	6,028	20,320
Indiana.....	32,418	2,590	1,640	4,821	5,967	17,400
Michigan.....	32,496	2,566	1,338	4,819	6,156	17,616
Ohio.....	33,138	2,539	1,229	5,204	6,533	17,634
Wisconsin.....	34,721	2,680	1,624	5,989	6,789	17,639
Plains.....	35,352	2,781	1,870	5,452	6,414	18,836
Iowa.....	33,585	2,814	2,082	5,281	6,012	17,397
Kansas.....	32,523	3,075	1,294	5,180	5,809	17,165
Minnesota.....	37,904	2,533	1,656	6,101	6,926	20,688
Missouri.....	34,142	2,795	1,815	5,201	6,272	18,059
Nebraska.....	35,176	2,776	2,146	5,274	6,168	18,812
North Dakota.....	44,029	3,131	3,916	5,463	7,785	23,735
South Dakota.....	37,036	2,859	2,521	5,030	7,098	19,528
Southeast.....	32,258	2,691	1,313	5,645	5,321	17,287
Alabama.....	29,537	2,445	1,332	5,216	4,932	15,612
Arkansas.....	28,366	2,243	1,669	4,500	4,828	15,127
Florida.....	33,755	2,903	1,020	5,991	5,615	18,226
Georgia.....	31,219	2,603	1,378	5,336	4,737	17,165
Kentucky.....	30,621	2,813	1,535	4,794	5,714	15,765
Louisiana.....	31,995	2,784	1,613	4,794	5,445	17,359
Mississippi.....	27,406	2,543	1,483	4,294	5,324	13,761
North Carolina.....	31,891	2,645	1,276	5,721	5,185	17,065
South Carolina.....	30,728	2,486	1,551	5,427	5,435	15,830
Tennessee.....	31,417	2,538	1,187	5,407	5,414	16,871
Virginia.....	38,134	2,855	1,379	7,775	5,248	20,876
West Virginia.....	30,642	2,600	1,602	4,536	6,366	15,540
Southwest.....	32,233	2,616	1,460	4,806	5,000	18,350
Arizona.....	32,500	2,584	1,139	6,124	5,085	17,569
New Mexico.....	32,446	2,758	1,763	6,021	5,107	16,797
Oklahoma.....	31,391	2,179	1,918	4,706	5,199	17,389
Texas.....	32,271	2,677	1,450	4,391	4,941	18,812
Rocky Mountain.....	34,560	2,757	1,531	6,383	5,067	18,822
Colorado.....	37,564	2,831	1,189	6,970	5,345	21,228
Idaho.....	30,190	2,604	1,855	5,735	4,695	15,301
Montana.....	37,098	3,317	2,192	6,444	6,067	19,078
Utah.....	30,181	2,429	1,346	5,692	4,311	16,403
Wyoming.....	36,891	3,166	3,475	6,215	5,591	18,444
Far West.....	36,779	2,843	1,081	8,306	5,557	18,991
Alaska.....	41,711	3,852	1,462	6,413	8,173	21,810
California.....	37,134	2,657	1,039	8,650	5,485	19,304
Hawaii.....	30,160	3,615	882	10,002	5,450	10,211
Nevada.....	29,514	2,800	1,128	6,368	4,253	14,965
Oregon.....	35,762	3,392	1,314	7,188	5,758	18,111
Washington.....	39,110	3,310	1,166	7,677	6,108	20,849
Maximum	59,423	3,852	3,916	11,985	10,491	31,769
Minimum	27,406	2,179	882	4,294	4,253	10,211
Range	32,017	1,672	3,033	7,691	6,238	21,557

1. The U.S. values reported differ from the National Income and Product Accounts (NIPA) values because PCE-by-state estimates exclude net expenditures abroad by U.S. residents. The expenditures of U.S. personnel stationed abroad within this category are out of scope for PCE by state.

Note: Estimates in this table are based on the NIPA PCE statistics prior to the revisions released on July 30, 2014.

Source: U.S. Bureau of Economic Analysis