

News Release

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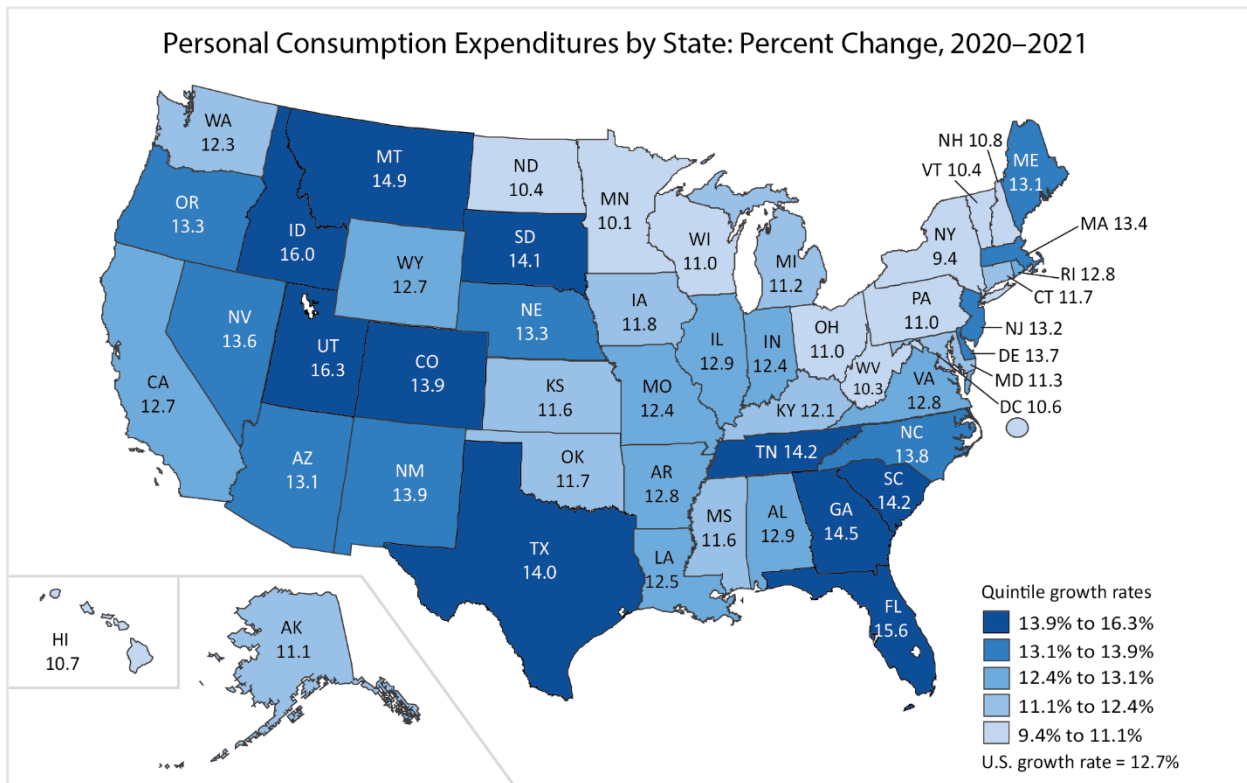
BEA 22-50

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Personal Consumption Expenditures by State, 2021

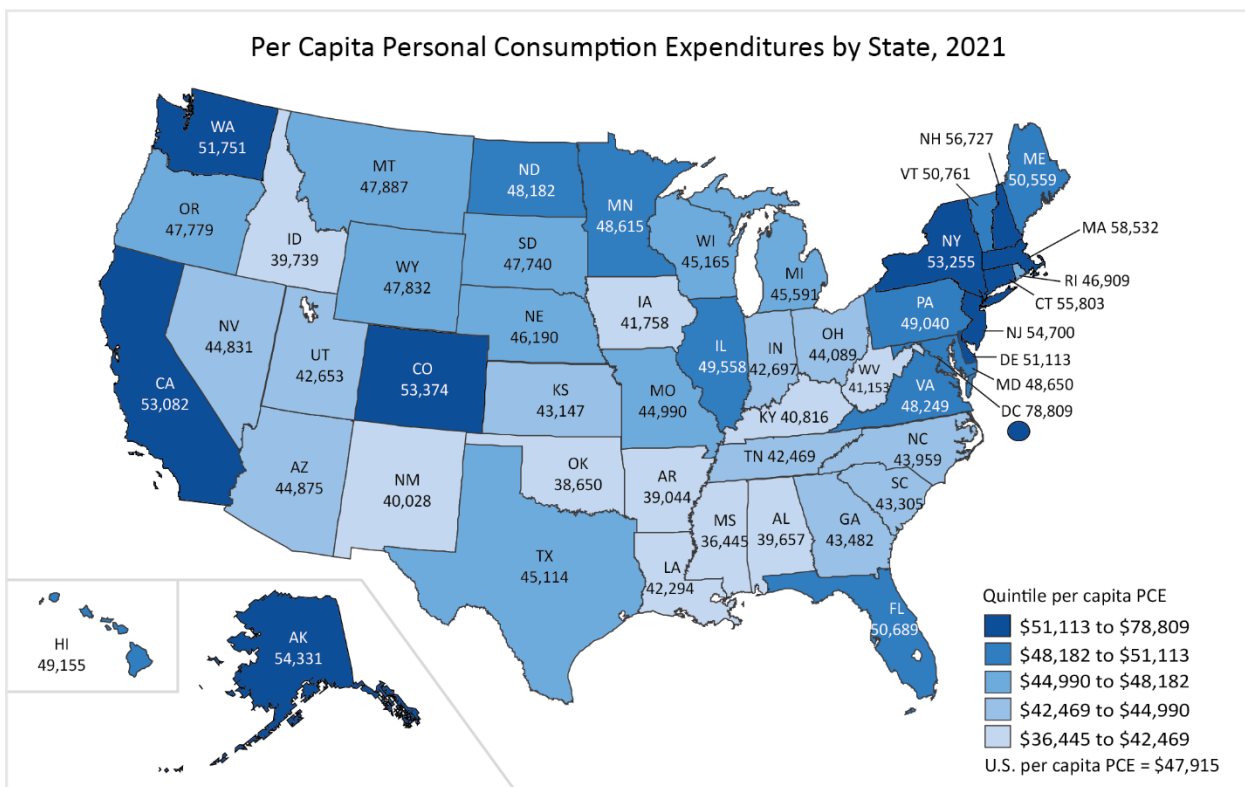
State personal consumption expenditures (PCE) increased 12.7 percent in 2021 after decreasing 1.9 percent in 2020 (table 1), according to statistics released today by the U.S. Bureau of Economic Analysis (BEA). The percent change in PCE across all 50 states and the District of Columbia ranged from 16.3 percent in Utah to 9.4 percent in New York.



PCE by state highlights

Expenditures on food services and accommodations and health care were the largest contributors to the increase nationally (table 3).

- Food services and accommodations increased 30.4 percent nationally (table 2) and was the largest contributor to increases in 20 states, including Florida, the state with the third largest increase in PCE.
- Health care increased 10.4 percent nationally and was the largest contributor to increases in 29 states and the District of Columbia, including Idaho, the state with the second largest increase.
- Recreational goods and vehicles increased 22.1 percent nationally and was the leading contributor to the increase in Utah, the state with the largest increase.



U.S. Bureau of Economic Analysis

Across all states and the District of Columbia, per capita PCE increased to \$47,915 in 2021 from \$42,583 in 2020 (table 4). Per capita PCE by state ranged from a high of \$58,532 in Massachusetts to a low of \$36,445 in Mississippi. Per capita PCE in the District of Columbia was \$78,809. The 2021 per capita PCE statistics for all states and the District of Columbia reflect higher personal income in 2021 and growth in consumer spending, including expenditures on food services and accommodations and health care.

Updates to PCE by State

Today, BEA also released revised PCE statistics for 2017 to 2020 (table 5). The update incorporates revised source data that are more complete and more detailed than previously available. The update includes the results of the September 2022 annual update of the National Economic Accounts and the September 2022 annual update of the state personal income statistics.

BEA also released revised annual estimates of per capita PCE for 2010 through 2020. BEA used new U.S. Census Bureau (Census) population figures to calculate per capita PCE estimates to update annual 2020 per capita PCE statistics and to produce new per capita PCE statistics for 2021. For earlier estimates, BEA used intercensal population statistics that it developed based on Census' methodology. With these data, BEA updated its annual per capita PCE estimates from 2010 through 2019. BEA developed intercensal population statistics because these data were not available when Census released state population data for 2020 and 2021 based on the 2020 decennial counts.

BEA produced intercensal population figures to create consistent time series that are used to prepare per capita PCE statistics. BEA used Census' application of the [Das Gupta method](#), modified to account for an extra leap year day, to produce the intercensal population figures that will be used until Census releases its official intercensal population data.

Next release: October 4, 2023
Personal Consumption Expenditures by State, 2022

Additional Information

Resources

- The full economic effects of the COVID–19 pandemic cannot be quantified in these statistics, because the impacts are generally embedded in source data and cannot be separately identified. For more information about COVID–19 impacts, refer to “[Federal Recovery Programs and BEA Statistics](#)” on our website.
- Stay informed about BEA developments by reading [The BEA Wire](#), signing up for BEA’s [email subscription service](#), or following BEA on Twitter [@BEA_News](#).
- Historical time series for these estimates can be accessed in BEA’s [Interactive Data Application](#).
- Access BEA data by registering for BEA’s [Data Application Programming Interface](#).
- For more on BEA’s statistics, see our online journal, the [Survey of Current Business](#).
- For upcoming economic indicators, see BEA’s [news release schedule](#).

Definitions

PCE by state is the state counterpart of the nation’s personal consumption expenditures (PCE). PCE by state measures the goods and services purchased by or on behalf of households and the net expenditures of nonprofit institutions serving households 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 8 distinct regions for purposes of presentation and analysis as follows:

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.

News Release Tables

Table 1. Total Personal Consumption Expenditures, by State and Region, 2019–2021

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures, by State and Region, 2020–2021

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures, by State and Region, 2021

Table 4. Per Capita Personal Consumption Expenditures, by State and Region, for Select Categories, 2021

Table 5. Revisions to Total Personal Consumption Expenditures, by State and Region, 2017–2020

Table 1. Total Personal Consumption Expenditures, by State and Region, 2019–2021

	Millions of dollars			Percent change	
	2019	2020	2021	2020	2021
United States	14,392,721	14,116,166	15,902,575	-1.9	12.7
New England	772,744	748,349	842,371	-3.2	12.6
Connecticut	184,842	180,077	201,202	-2.6	11.7
Maine	62,018	61,371	69,380	-1.0	13.1
Massachusetts	376,244	360,538	408,832	-4.2	13.4
New Hampshire	71,883	71,131	78,794	-1.0	10.8
Rhode Island	47,038	45,546	51,394	-3.2	12.8
Vermont	30,719	29,686	32,770	-3.4	10.4
Mideast	2,435,489	2,348,745	2,603,055	-3.6	10.8
Delaware	45,735	45,112	51,286	-1.4	13.7
District of Columbia	49,118	47,734	52,806	-2.8	10.6
Maryland	280,092	269,486	299,934	-3.8	11.3
New Jersey	457,257	447,694	506,909	-2.1	13.2
New York	1,010,359	966,027	1,056,366	-4.4	9.4
Pennsylvania	592,927	572,692	635,754	-3.4	11.0
Great Lakes	1,973,584	1,934,557	2,162,455	-2.0	11.8
Illinois	573,085	556,286	627,976	-2.9	12.9
Indiana	259,729	258,618	290,592	-0.4	12.4
Michigan	422,231	411,989	458,227	-2.4	11.2
Ohio	474,618	467,691	519,370	-1.5	11.0
Wisconsin	243,920	239,973	266,289	-1.6	11.0
Plains	902,273	883,217	985,709	-2.1	11.6
Iowa	121,665	119,315	133,335	-1.9	11.8
Kansas	114,529	113,476	126,620	-0.9	11.6
Minnesota	261,627	252,088	277,462	-3.6	10.1
Missouri	251,601	246,983	277,506	-1.8	12.4
Nebraska	80,568	80,058	90,703	-0.6	13.3
North Dakota	34,788	33,820	37,338	-2.8	10.4
South Dakota	37,494	37,476	42,745	0.0	14.1
Southeast	3,406,985	3,381,446	3,853,990	-0.7	14.0
Alabama	177,412	177,094	199,867	-0.2	12.9
Arkansas	104,159	104,783	118,144	0.6	12.8
Florida	964,269	954,880	1,104,069	-1.0	15.6
Georgia	415,665	410,296	469,589	-1.3	14.5
Kentucky	164,782	164,142	184,053	-0.4	12.1
Louisiana	176,016	173,900	195,570	-1.2	12.5
Mississippi	96,482	96,325	107,510	-0.2	11.6
North Carolina	406,984	407,610	463,815	0.2	13.8
South Carolina	196,321	196,788	224,785	0.2	14.2
Tennessee	260,151	259,372	296,228	-0.3	14.2
Virginia	376,752	369,718	416,984	-1.9	12.8
West Virginia	67,992	66,537	73,375	-2.1	10.3
Southwest	1,673,554	1,670,016	1,897,420	-0.2	13.6
Arizona	287,273	288,819	326,527	0.5	13.1
New Mexico	75,838	74,389	84,693	-1.9	13.9
Oklahoma	138,817	138,004	154,084	-0.6	11.7
Texas	1,171,626	1,168,805	1,332,116	-0.2	14.0
Rocky Mountain	526,758	530,438	608,692	0.7	14.8
Colorado	272,796	272,277	310,212	-0.2	13.9
Idaho	63,940	65,101	75,541	1.8	16.0
Montana	45,496	46,022	52,880	1.2	14.9
Utah	119,720	122,472	142,374	2.3	16.3
Wyoming	24,806	24,566	27,685	-1.0	12.7
Far West	2,689,884	2,608,265	2,937,784	-3.0	12.6
Alaska	37,743	35,831	39,807	-5.1	11.1
California	1,917,201	1,848,652	2,082,807	-3.6	12.7
Hawaii	66,957	64,032	70,859	-4.4	10.7
Nevada	125,722	124,031	140,947	-1.3	13.6
Oregon	180,303	179,129	202,877	-0.7	13.3
Washington	361,957	356,590	400,487	-1.5	12.3
Net expenditures abroad by U.S. residents ¹	11,451	11,132	11,099	-2.8	-0.3

1. Net expenditures abroad by U.S. residents consists 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.

U.S. Bureau of Economic Analysis

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures (PCE), by State and Region, 2020–2021—Continues

	[Percent]								
	Total PCE by state	Durable goods				Nondurable goods			
		Motor vehicles and parts	Furnishings and durable household equipment	Recreational goods and vehicles	Other durable goods	Food and beverages for off-premises consumption	Clothing and footwear	Gasoline and other energy goods	Other nondurable goods
United States	12.7	29.0	20.2	22.1	32.1	7.0	28.7	49.1	8.6
New England	12.6	22.6	21.8	20.3	32.1	6.9	32.5	46.7	9.0
Connecticut	11.7	20.5	22.5	21.2	34.1	9.6	30.4	52.3	10.2
Maine	13.1	21.9	19.9	31.6	32.4	7.6	34.2	42.7	10.8
Massachusetts	13.4	21.0	23.5	18.4	31.0	6.0	33.4	49.3	9.0
New Hampshire	10.8	31.9	19.0	17.1	31.3	4.5	33.2	44.5	7.4
Rhode Island	12.8	22.7	16.3	26.3	35.4	7.0	35.3	34.2	5.3
Vermont	10.4	23.3	17.4	18.3	29.3	6.1	24.8	35.7	5.9
Mideast	10.8	26.7	20.3	20.5	30.5	6.8	29.4	49.0	7.3
Delaware	13.7	20.0	21.1	20.3	29.5	6.4	31.0	56.6	10.0
District of Columbia	10.6	25.6	12.2	26.0	20.5	4.0	24.3	39.8	5.2
Maryland	11.3	22.5	25.4	26.7	36.2	7.4	34.8	44.3	12.1
New Jersey	13.2	26.1	20.7	29.3	34.3	7.2	36.5	61.0	12.3
New York	9.4	30.2	17.3	16.6	27.1	5.9	24.5	45.6	3.9
Pennsylvania	11.0	25.7	22.9	16.2	31.1	8.1	30.1	46.9	6.9
Great Lakes	11.8	27.4	21.3	21.9	32.7	6.4	29.7	48.4	8.5
Illinois	12.9	28.7	26.8	26.4	34.1	7.9	30.1	48.9	10.4
Indiana	12.4	28.0	18.6	24.1	27.6	7.0	26.7	47.8	8.2
Michigan	11.2	25.6	21.2	25.0	35.0	5.7	30.1	47.8	8.0
Ohio	11.0	29.4	19.2	16.3	32.3	5.8	32.0	50.2	7.3
Wisconsin	11.0	23.5	16.0	15.7	30.7	5.1	26.6	46.3	7.4
Plains	11.6	23.9	20.1	20.8	30.8	6.6	27.7	50.0	7.8
Iowa	11.8	26.8	17.6	20.2	27.0	6.9	25.1	50.2	5.3
Kansas	11.6	25.4	22.4	26.4	25.9	7.1	25.7	51.9	8.8
Minnesota	10.1	17.0	20.8	18.4	31.1	4.9	27.6	46.0	6.1
Missouri	12.4	27.9	19.1	23.3	35.2	7.2	29.8	52.6	9.6
Nebraska	13.3	25.9	19.0	25.0	27.0	7.2	26.5	52.3	10.5
North Dakota	10.4	21.2	19.2	14.1	32.2	7.4	29.0	41.4	4.4
South Dakota	14.1	22.6	26.4	20.6	39.2	7.4	29.2	48.4	8.1
Southeast	14.0	31.9	18.7	22.9	34.8	7.5	29.6	51.8	8.7
Alabama	12.9	30.1	16.2	19.7	29.4	8.8	26.8	57.1	8.3
Arkansas	12.8	30.7	18.2	16.8	37.9	10.6	30.8	52.4	7.7
Florida	15.6	35.0	17.0	23.4	40.7	7.4	32.0	56.2	11.2
Georgia	14.5	32.0	14.9	25.6	31.0	9.0	31.5	55.5	8.7
Kentucky	12.1	30.6	16.5	22.7	28.9	6.1	30.5	49.0	4.4
Louisiana	12.5	30.0	24.0	26.5	33.2	9.0	27.9	51.5	5.3
Mississippi	11.6	28.7	21.8	24.7	30.1	3.9	27.2	53.4	5.8
North Carolina	13.8	33.4	26.3	21.4	34.3	6.0	31.4	45.3	8.0
South Carolina	14.2	33.2	21.1	27.4	29.1	6.9	19.1	51.6	8.0
Tennessee	14.2	34.8	19.4	27.0	35.8	7.0	29.0	50.0	11.6
Virginia	12.8	24.5	16.5	18.4	30.7	7.9	29.1	45.2	7.8
West Virginia	10.3	23.5	18.7	15.5	38.9	7.1	33.9	54.6	5.2
Southwest	13.6	30.4	24.4	27.2	32.8	7.0	27.5	46.7	9.5
Arizona	13.1	26.5	22.4	23.6	27.6	5.6	29.5	48.5	9.1
New Mexico	13.9	32.6	18.2	29.7	39.3	7.9	32.9	52.1	7.9
Oklahoma	11.7	27.0	17.0	27.3	32.8	6.3	25.2	37.0	5.8
Texas	14.0	31.7	26.2	27.9	33.7	7.4	27.1	47.6	10.1
Rocky Mountain	14.8	25.9	19.3	27.1	30.8	6.0	28.3	47.2	12.6
Colorado	13.9	23.8	20.0	17.4	29.2	4.9	27.1	43.0	12.3
Idaho	16.0	29.0	20.3	36.4	32.9	7.7	25.8	53.4	15.6
Montana	14.9	28.6	22.5	27.9	36.1	8.3	35.5	50.5	12.3
Utah	16.3	27.5	16.7	37.1	30.7	7.1	29.9	48.3	12.5
Wyoming	12.7	22.0	18.2	22.5	35.1	4.8	28.1	49.2	9.5
Far West	12.6	31.4	18.1	19.2	29.6	7.3	26.8	48.3	8.4
Alaska	11.1	24.8	17.5	23.1	31.9	4.0	22.9	46.4	7.4
California	12.7	31.7	18.9	17.9	29.9	8.0	26.9	49.6	8.5
Hawaii	10.7	24.5	14.5	32.3	18.4	6.4	25.7	40.9	4.2
Nevada	13.6	34.3	12.3	17.3	34.6	7.4	34.4	54.4	9.9
Oregon	13.3	33.9	16.9	20.9	32.7	6.5	32.4	45.0	6.9
Washington	12.3	29.0	17.9	22.6	25.6	4.5	20.2	42.3	8.5

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

U.S. Bureau of Economic Analysis

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures (PCE), by State and Region, 2020–2021—Table Ends

	[Percent]							
	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	4.1	10.4	20.7	20.2	30.4	8.9	11.1	-7.5
New England	4.5	11.8	23.2	19.2	33.9	9.3	11.6	-4.9
Connecticut	3.7	10.6	27.7	18.6	35.2	1.9	13.9	-9.6
Maine	4.3	10.8	12.1	20.6	36.8	8.1	12.0	-3.2
Massachusetts	5.0	13.5	26.0	18.2	33.2	14.1	10.5	-0.9
New Hampshire	3.2	9.0	10.8	18.0	28.7	8.5	9.5	-11.2
Rhode Island	4.5	11.8	17.9	23.7	36.4	9.5	14.7	-6.2
Vermont	5.1	6.6	18.5	30.1	35.8	8.0	10.6	-7.9
Mideast	3.5	8.1	20.1	20.1	32.6	9.1	10.3	-12.0
Delaware	6.4	11.0	27.0	15.3	35.4	10.0	9.9	2.5
District of Columbia	4.3	10.0	25.9	22.9	28.0	14.2	2.4	5.4
Maryland	2.8	9.7	10.4	21.2	27.4	6.0	9.5	-16.7
New Jersey	4.0	8.8	26.0	22.1	35.4	12.0	14.6	-5.6
New York	3.6	6.2	21.8	17.6	33.7	8.4	10.2	-15.9
Pennsylvania	3.0	9.6	16.4	22.4	31.3	8.9	9.0	-12.2
Great Lakes	2.9	9.5	19.5	18.8	28.2	6.4	9.4	0.7
Illinois	2.4	7.6	25.2	18.0	30.8	6.0	9.2	11.6
Indiana	3.5	12.4	15.6	19.7	25.4	5.9	8.6	-2.6
Michigan	3.3	9.5	19.3	19.9	27.6	6.7	9.5	-2.9
Ohio	2.8	10.2	15.3	19.0	26.9	4.6	9.7	-6.7
Wisconsin	2.8	8.4	13.0	17.9	28.5	10.9	9.7	-2.3
Plains	3.5	10.4	18.4	17.5	29.3	6.1	7.8	-6.9
Iowa	3.1	12.1	17.4	18.0	27.7	6.7	7.1	-7.1
Kansas	3.2	10.9	19.7	17.1	28.8	1.8	8.1	-0.9
Minnesota	3.9	7.9	19.7	15.2	31.1	7.8	8.0	-14.1
Missouri	3.6	10.2	16.5	19.6	28.9	3.3	7.0	-0.8
Nebraska	4.8	11.1	20.3	16.0	27.2	9.3	9.0	0.3
North Dakota	0.0	10.4	20.8	15.3	30.0	9.8	8.4	-12.5
South Dakota	3.0	17.5	16.0	20.7	31.8	13.6	9.7	-8.5
Southeast	4.3	12.3	24.2	20.0	30.8	10.0	11.2	-7.3
Alabama	4.8	12.0	19.5	17.4	24.6	5.4	8.9	-2.1
Arkansas	3.1	10.4	15.6	17.2	28.9	10.0	7.6	-14.6
Florida	4.6	13.7	34.4	18.2	36.9	12.9	12.9	-7.5
Georgia	5.2	10.9	24.2	30.9	28.4	8.9	12.3	-20.8
Kentucky	4.0	12.5	9.6	21.5	28.9	7.1	8.5	-1.2
Louisiana	3.7	11.8	15.4	18.0	26.4	5.3	8.4	-12.6
Mississippi	2.2	9.8	18.4	20.7	25.9	9.5	7.6	-15.3
North Carolina	3.6	12.7	22.1	16.2	28.0	9.1	10.7	-11.6
South Carolina	5.0	15.6	19.8	22.5	31.6	9.1	10.0	-15.9
Tennessee	4.9	10.3	21.2	19.6	28.1	11.2	9.9	-1.5
Virginia	3.5	11.9	19.7	17.2	29.6	9.0	12.7	4.6
West Virginia	2.7	8.8	11.7	20.9	27.4	4.9	11.5	-9.1
Southwest	4.5	12.1	17.9	17.3	27.4	8.0	11.3	-13.9
Arizona	5.0	9.2	28.2	15.3	29.4	11.4	8.5	-19.2
New Mexico	3.7	12.9	14.8	19.9	33.2	10.6	6.5	-0.8
Oklahoma	2.9	10.9	10.7	16.7	25.8	8.1	6.0	-22.4
Texas	4.6	12.9	15.8	17.7	26.7	7.2	12.8	-13.4
Rocky Mountain	5.7	11.7	21.5	22.8	30.7	12.1	13.5	-5.3
Colorado	5.5	11.2	20.4	23.0	30.6	14.0	14.7	-1.8
Idaho	7.1	11.6	18.5	23.0	30.5	10.1	12.5	-7.7
Montana	3.7	10.4	24.7	19.2	35.3	12.4	10.0	1.6
Utah	7.1	14.8	24.6	24.6	27.5	8.6	12.6	-17.9
Wyoming	1.1	7.3	21.0	17.0	39.1	14.2	12.9	-5.9
Far West	4.6	9.5	20.0	23.8	31.2	10.1	13.6	-9.4
Alaska	2.2	8.4	21.9	30.8	34.4	5.2	11.8	-7.9
California	4.2	9.7	16.9	26.0	31.8	9.3	14.0	-11.5
Hawaii	5.7	7.8	37.2	24.7	36.8	3.0	10.7	-6.5
Nevada	6.7	7.7	27.4	20.7	34.1	11.1	14.1	-10.5
Oregon	4.7	10.3	21.8	17.7	24.8	8.8	12.4	15.7
Washington	5.4	8.9	31.8	16.0	28.6	16.8	12.2	-12.2

NPISHs Nonprofit institutions serving households

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

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Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures (PCE), by State and Region, 2021—Continues

	[Percentage points]								
	Total PCE by state	Durable goods				Nondurable goods			
		Motor vehicles and parts	Furnishings and durable household equipment	Recreational goods and vehicles	Other durable goods	Food and beverages for off-premises consumption	Clothing and footwear	Gasoline and other energy goods	Other nondurable goods
United States	12.7	1.10	0.59	0.78	0.47	0.56	0.73	0.86	0.78
New England	12.6	0.72	0.59	0.65	0.45	0.54	0.71	0.64	0.79
Connecticut	11.7	0.62	0.64	0.69	0.50	0.71	0.68	0.64	0.93
Maine	13.1	0.94	0.59	0.88	0.38	0.71	0.65	1.06	1.03
Massachusetts	13.4	0.58	0.61	0.64	0.45	0.46	0.74	0.56	0.77
New Hampshire	10.8	1.35	0.55	0.48	0.43	0.37	0.78	0.76	0.59
Rhode Island	12.8	0.77	0.45	0.64	0.51	0.60	0.72	0.50	0.49
Vermont	10.4	0.99	0.46	0.49	0.28	0.55	0.42	0.73	0.51
Mideast	10.8	0.77	0.54	0.62	0.44	0.49	0.73	0.66	0.72
Delaware	13.7	0.86	0.62	0.68	0.49	0.49	0.75	1.08	0.81
District of Columbia	10.6	0.66	0.27	0.91	0.29	0.34	0.68	0.48	0.35
Maryland	11.3	0.74	0.66	0.88	0.52	0.52	0.82	0.70	1.17
New Jersey	13.2	0.76	0.61	0.88	0.55	0.54	0.96	0.81	1.22
New York	9.4	0.70	0.45	0.43	0.38	0.41	0.64	0.43	0.42
Pennsylvania	11.0	0.90	0.61	0.58	0.43	0.59	0.68	0.90	0.65
Great Lakes	11.8	1.05	0.60	0.79	0.47	0.52	0.72	0.93	0.79
Illinois	12.9	0.95	0.74	0.99	0.53	0.58	0.82	0.73	0.97
Indiana	12.4	1.24	0.55	0.79	0.40	0.59	0.67	1.13	0.81
Michigan	11.2	0.91	0.55	0.85	0.54	0.47	0.70	0.91	0.71
Ohio	11.0	1.18	0.57	0.59	0.44	0.50	0.73	0.95	0.70
Wisconsin	11.0	1.06	0.47	0.63	0.36	0.39	0.59	1.13	0.66
Plains	11.6	1.14	0.55	0.73	0.40	0.51	0.65	1.16	0.66
Iowa	11.8	1.57	0.49	0.69	0.34	0.56	0.58	1.48	0.50
Kansas	11.6	1.15	0.67	0.60	0.35	0.65	0.58	0.99	0.77
Minnesota	10.1	0.75	0.54	0.91	0.37	0.34	0.65	0.92	0.43
Missouri	12.4	1.28	0.51	0.64	0.45	0.55	0.70	1.38	0.90
Nebraska	13.3	1.42	0.53	0.83	0.45	0.57	0.59	1.38	0.88
North Dakota	10.4	0.97	0.60	0.59	0.41	0.53	0.76	0.63	0.38
South Dakota	14.1	0.91	0.78	0.54	0.43	0.54	0.70	0.78	0.62
Southeast	14.0	1.36	0.60	0.78	0.52	0.64	0.74	0.99	0.85
Alabama	12.9	1.48	0.50	0.57	0.40	0.75	0.73	1.26	0.96
Arkansas	12.8	1.41	0.60	0.48	0.46	0.87	0.90	1.46	0.75
Florida	15.6	1.33	0.60	0.97	0.67	0.61	0.67	0.75	0.96
Georgia	14.5	1.43	0.46	0.85	0.47	0.81	0.86	1.14	0.88
Kentucky	12.1	1.32	0.47	0.62	0.40	0.58	0.71	1.14	0.50
Louisiana	12.5	1.53	0.76	0.62	0.40	0.77	0.73	1.12	0.55
Mississippi	11.6	1.41	0.62	0.58	0.45	0.38	0.79	1.39	0.64
North Carolina	13.8	1.50	0.85	0.86	0.50	0.53	0.82	0.92	0.81
South Carolina	14.2	1.52	0.68	0.72	0.45	0.62	0.58	1.29	0.79
Tennessee	14.2	1.55	0.61	0.76	0.48	0.53	0.80	1.03	1.26
Virginia	12.8	0.92	0.51	0.66	0.50	0.64	0.74	0.83	0.74
West Virginia	10.3	1.06	0.47	0.30	0.38	0.62	0.71	1.17	0.49
Southwest	13.6	1.49	0.76	0.91	0.52	0.57	0.77	0.97	0.90
Arizona	13.1	1.23	0.73	0.80	0.48	0.45	0.75	0.87	0.86
New Mexico	13.9	1.49	0.53	0.71	0.68	0.72	0.73	1.14	0.67
Oklahoma	11.7	1.59	0.53	0.73	0.48	0.47	0.77	1.05	0.56
Texas	14.0	1.55	0.82	0.97	0.52	0.60	0.77	0.98	0.96
Rocky Mountain	14.8	1.15	0.64	1.37	0.46	0.51	0.70	0.92	1.01
Colorado	13.9	0.89	0.65	0.78	0.43	0.41	0.67	0.69	1.03
Idaho	16.0	1.39	0.66	1.86	0.47	0.69	0.60	1.42	1.15
Montana	14.9	1.52	0.70	1.15	0.48	0.73	0.73	1.12	0.92
Utah	16.3	1.45	0.62	2.66	0.51	0.56	0.77	1.03	0.99
Wyoming	12.7	1.18	0.52	0.47	0.40	0.43	0.88	1.11	0.69
Far West	12.6	0.92	0.49	0.74	0.43	0.57	0.73	0.71	0.63
Alaska	11.1	0.93	0.49	1.05	0.36	0.32	0.38	0.57	0.46
California	12.7	0.86	0.49	0.64	0.45	0.61	0.78	0.73	0.63
Hawaii	10.7	0.76	0.41	0.60	0.23	0.63	0.61	0.40	0.37
Nevada	13.6	1.34	0.39	0.69	0.50	0.66	0.87	0.89	0.94
Oregon	13.3	1.26	0.58	1.01	0.44	0.60	0.86	0.76	0.51
Washington	12.3	0.94	0.50	1.14	0.32	0.36	0.46	0.61	0.62

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

U.S. Bureau of Economic Analysis

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures (PCE), by State and Region, 2021—Table Ends

	[Percentage points]								Final consumption expenditures of NPISHs
	Services								
	Housing and utilities	Health care	Transportation services	Recreation services	Food services and accommodations	Financial services and insurance	Other services		
United States	0.77	1.73	0.54	0.63	1.75	0.74	0.90		-0.27
New England	0.83	1.97	0.64	0.63	1.78	0.84	1.03		-0.24
Connecticut	0.68	1.65	0.70	0.59	1.68	0.21	1.32		-0.48
Maine	0.81	1.90	0.28	0.66	2.06	0.48	0.82		-0.17
Massachusetts	0.94	2.28	0.76	0.63	1.76	1.28	0.97		-0.04
New Hampshire	0.57	1.54	0.28	0.57	1.45	0.83	0.78		-0.55
Rhode Island	0.84	2.01	0.63	0.75	2.43	0.69	1.11		-0.30
Vermont	1.00	1.19	0.43	0.82	1.79	0.48	0.79		-0.53
Mideast	0.66	1.38	0.49	0.58	1.61	0.79	0.95		-0.60
Delaware	1.23	2.00	0.51	0.41	2.00	0.77	0.90		0.08
District of Columbia	0.73	1.56	0.89	0.49	1.41	0.96	0.42		0.20
Maryland	0.59	1.58	0.28	0.64	1.53	0.45	0.84		-0.64
New Jersey	0.78	1.38	0.58	0.67	1.64	0.96	1.25		-0.37
New York	0.67	1.08	0.56	0.50	1.73	0.81	0.92		-0.77
Pennsylvania	0.52	1.71	0.38	0.62	1.40	0.77	0.88		-0.60
Great Lakes	0.51	1.67	0.48	0.50	1.48	0.54	0.70		0.03
Illinois	0.42	1.19	0.79	0.55	1.66	0.51	0.83		0.64
Indiana	0.61	2.47	0.37	0.43	1.45	0.40	0.55		-0.10
Michigan	0.61	1.55	0.43	0.47	1.31	0.72	0.66		-0.17
Ohio	0.47	1.94	0.32	0.53	1.44	0.34	0.69		-0.35
Wisconsin	0.50	1.58	0.28	0.45	1.45	0.86	0.66		-0.12
Plains	0.62	1.87	0.47	0.48	1.51	0.52	0.63		-0.28
Iowa	0.56	1.99	0.44	0.43	1.43	0.49	0.52		-0.32
Kansas	0.56	1.91	0.47	0.46	1.53	0.16	0.74		-0.03
Minnesota	0.73	1.44	0.48	0.39	1.39	0.70	0.68		-0.66
Missouri	0.61	1.83	0.44	0.63	1.62	0.28	0.57		-0.03
Nebraska	0.82	2.01	0.53	0.35	1.42	0.88	0.62		0.01
North Dakota	0.00	2.14	0.59	0.38	1.58	0.80	0.63		-0.60
South Dakota	0.46	4.09	0.42	0.65	1.81	1.07	0.68		-0.44
Southeast	0.82	2.00	0.57	0.62	1.89	0.83	0.87		-0.12
Alabama	0.87	1.99	0.39	0.40	1.48	0.40	0.73		-0.05
Arkansas	0.51	1.89	0.32	0.38	1.63	1.01	0.51		-0.42
Florida	0.97	2.12	0.83	0.60	2.35	1.32	0.94		-0.05
Georgia	0.97	1.71	1.03	0.75	1.77	0.65	0.97		-0.31
Kentucky	0.68	2.27	0.19	0.57	1.63	0.53	0.57		-0.04
Louisiana	0.66	2.16	0.31	0.45	1.68	0.44	0.59		-0.31
Mississippi	0.39	1.86	0.37	0.46	1.62	0.58	0.49		-0.41
North Carolina	0.66	2.09	0.49	0.54	1.67	0.69	0.92		-0.07
South Carolina	0.99	2.29	0.43	0.72	2.10	0.67	0.75		-0.36
Tennessee	0.92	1.75	0.53	0.56	1.83	0.86	0.78		-0.03
Virginia	0.69	1.79	0.47	0.69	1.66	0.65	1.17		0.13
West Virginia	0.45	2.07	0.18	0.41	1.40	0.32	0.74		-0.51
Southwest	0.82	1.85	0.47	0.60	1.79	0.63	0.89		-0.34
Arizona	0.98	1.45	0.86	0.55	2.03	0.74	0.67		-0.38
New Mexico	0.70	2.37	0.33	0.46	2.10	0.82	0.42		-0.03
Oklahoma	0.51	1.96	0.24	0.44	1.73	0.58	0.45		-0.43
Texas	0.83	1.91	0.42	0.64	1.71	0.60	1.02		-0.33
Rocky Mountain	1.14	1.75	0.65	0.79	1.93	0.91	0.98		-0.13
Colorado	1.17	1.58	0.65	0.89	2.02	0.98	1.15		-0.05
Idaho	1.38	2.03	0.49	0.55	1.86	0.82	0.78		-0.12
Montana	0.66	1.87	0.75	0.64	2.06	0.84	0.65		0.07
Utah	1.31	2.02	0.69	0.81	1.65	0.69	0.89		-0.41
Wyoming	0.20	1.22	0.60	0.50	2.29	1.58	0.79		-0.17
Far West	0.93	1.56	0.61	0.83	1.93	0.80	1.11		-0.36
Alaska	0.38	1.81	0.68	1.09	1.91	0.36	0.78		-0.47
California	0.86	1.60	0.53	0.90	2.06	0.77	1.19		-0.43
Hawaii	1.30	1.21	0.80	0.65	2.02	0.23	0.80		-0.34
Nevada	1.40	1.08	0.70	0.68	2.01	0.91	0.95		-0.35
Oregon	0.94	1.77	0.56	0.51	1.45	0.59	0.81		0.62
Washington	1.10	1.44	0.97	0.64	1.47	1.20	1.03		-0.50

NPISHs Nonprofit institutions serving households

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

U.S. Bureau of Economic Analysis

Table 4. Per Capita Personal Consumption Expenditures, by State and Region for Select Categories, 2021

[Dollars]

	Total personal consumption expenditures	Housing and utilities	Health care	Food and beverages for off-premises consumption	Gasoline and other energy goods	All other personal consumption expenditures
United States	47,915	8,362	7,784	3,631	1,113	27,024
New England	55,813	9,598	9,245	4,191	1,005	31,775
Connecticut	55,803	9,342	8,606	4,005	931	32,918
Maine	50,559	8,760	8,670	4,499	1,580	27,050
Massachusetts	58,532	10,178	9,876	4,221	882	33,375
New Hampshire	56,727	9,367	9,526	4,402	1,265	32,168
Rhode Island	46,909	8,120	7,916	3,803	820	26,249
Vermont	50,761	9,544	8,859	4,443	1,270	26,645
Mideast	52,160	9,124	8,674	3,610	945	29,806
Delaware	51,113	9,270	9,064	3,645	1,349	27,785
District of Columbia	78,809	12,593	12,201	6,241	1,195	46,579
Maryland	48,650	9,378	7,846	3,265	995	27,167
New Jersey	54,700	9,722	8,266	3,840	1,035	31,837
New York	53,255	9,450	9,006	3,597	667	30,536
Pennsylvania	49,040	7,886	8,641	3,491	1,240	27,782
Great Lakes	45,811	7,363	7,900	3,516	1,165	25,867
Illinois	49,558	7,884	7,449	3,451	979	29,795
Indiana	42,697	6,865	8,494	3,424	1,333	22,580
Michigan	45,591	7,697	7,325	3,634	1,158	25,777
Ohio	44,089	6,797	8,326	3,651	1,132	24,184
Wisconsin	45,165	7,379	8,313	3,288	1,449	24,737
Plains	45,556	7,437	8,151	3,359	1,416	25,194
Iowa	41,758	7,041	6,894	3,255	1,656	22,912
Kansas	43,147	6,986	7,495	3,833	1,118	23,715
Minnesota	48,615	8,555	8,687	3,214	1,292	26,866
Missouri	44,990	7,061	7,892	3,293	1,597	25,147
Nebraska	46,190	7,347	8,193	3,477	1,635	25,538
North Dakota	48,182	6,662	9,947	3,353	940	27,279
South Dakota	47,740	6,668	11,493	3,301	1,004	25,274
Southeast	44,881	7,893	7,198	3,606	1,145	25,039
Alabama	39,657	6,683	6,545	3,261	1,215	21,954
Arkansas	39,044	5,928	6,943	3,126	1,473	21,575
Florida	50,689	9,656	7,676	3,886	909	28,562
Georgia	43,482	7,495	6,595	3,699	1,212	24,481
Kentucky	40,816	6,436	7,430	3,703	1,263	21,983
Louisiana	42,294	6,914	7,679	3,486	1,242	22,973
Mississippi	36,445	5,817	6,794	3,296	1,300	19,237
North Carolina	43,959	7,350	7,179	3,630	1,139	24,661
South Carolina	43,305	7,904	6,429	3,629	1,439	23,903
Tennessee	42,469	7,303	6,946	3,016	1,152	24,051
Virginia	48,249	8,774	7,178	3,729	1,139	27,430
West Virginia	41,153	6,388	9,552	3,496	1,240	20,477
Southwest	44,222	7,503	6,695	3,384	1,187	25,454
Arizona	44,875	8,184	6,828	3,346	1,061	25,457
New Mexico	40,028	6,883	7,311	3,468	1,174	21,191
Oklahoma	38,650	6,314	6,878	2,756	1,345	21,358
Texas	45,114	7,540	6,593	3,471	1,197	26,312
Rocky Mountain	47,800	8,766	6,929	3,705	1,191	27,209
Colorado	53,374	10,447	7,364	4,098	1,079	30,385
Idaho	39,739	7,109	6,714	3,296	1,393	21,227
Montana	47,887	7,708	8,289	3,971	1,388	26,532
Utah	42,653	7,278	5,735	3,112	1,162	25,367
Wyoming	47,832	7,941	7,562	4,022	1,433	26,874
Far West	51,959	9,824	8,280	3,908	1,009	28,937
Alaska	54,331	8,696	11,473	4,120	880	29,162
California	53,082	9,972	8,501	3,865	1,039	29,704
Hawaii	49,155	10,724	7,449	4,647	607	25,728
Nevada	44,831	8,772	5,976	3,784	995	25,304
Oregon	47,779	8,924	7,956	4,104	1,030	25,765
Washington	51,751	9,930	8,126	3,914	941	28,840

Note. Per capita values were calculated from unrounded data. BEA's state per capita personal consumption expenditure statistics are calculated using Census Bureau midyear population estimates.

U.S. Bureau of Economic Analysis

Table 5. Revisions to Total Personal Consumption Expenditures, by State and Region, 2017–2020

	Revised personal consumption expenditures (millions of dollars)				Dollar revision (millions of dollars)				Percent revision			
	2017	2018	2019	2020	2017	2018	2019	2020	2017	2018	2019	2020
United States	13,233,609	13,904,980	14,392,721	14,116,166	-5,502	-8,551	-35,955	68,601	0.0	-0.1	-0.2	0.5
New England	722,446	751,266	772,744	748,349	-325	-588	-2,271	3,686	0.0	-0.1	-0.3	0.5
Connecticut	174,978	181,460	184,842	180,077	-99	-108	-474	671	-0.1	-0.1	-0.3	0.4
Maine	57,574	60,063	62,018	61,371	-17	-22	-112	247	0.0	0.0	-0.2	0.4
Massachusetts	350,641	364,343	376,244	360,538	-156	-387	-1,341	2,066	0.0	-0.1	-0.4	0.6
New Hampshire	66,456	69,494	71,883	71,131	-23	-33	-147	412	0.0	0.0	-0.2	0.6
Rhode Island	44,063	45,893	47,038	45,546	-23	-30	-160	149	-0.1	-0.1	-0.3	0.3
Vermont	28,735	30,013	30,719	29,686	-7	-7	-38	141	0.0	0.0	-0.1	0.5
Mideast	2,248,231	2,361,071	2,435,489	2,348,745	-1,481	-2,183	-8,885	10,443	-0.1	-0.1	-0.4	0.4
Delaware	41,860	44,085	45,735	45,112	-79	-165	-129	278	-0.2	-0.4	-0.3	0.6
District of Columbia	45,021	47,626	49,118	47,734	-10	-5	-200	1,280	0.0	0.0	-0.4	2.8
Maryland	263,787	273,782	280,092	269,486	-121	-198	-750	1,029	0.0	-0.1	-0.3	0.4
New Jersey	423,288	443,244	457,257	447,694	-256	-256	-1,211	1,615	-0.1	-0.1	-0.3	0.4
New York	925,249	975,659	1,010,359	966,027	-790	-1,199	-4,661	4,320	-0.1	-0.1	-0.5	0.4
Pennsylvania	549,026	576,675	592,927	572,692	-265	-361	-1,934	1,920	0.0	-0.1	-0.3	0.3
Great Lakes	1,844,706	1,925,620	1,973,584	1,934,557	-949	-1,135	-4,781	7,155	-0.1	-0.1	-0.2	0.4
Illinois	535,516	559,137	573,085	556,286	-312	-428	-1,215	2,675	-0.1	-0.1	-0.2	0.5
Indiana	242,203	253,696	259,729	258,618	-88	-97	-391	1,275	0.0	0.0	-0.2	0.5
Michigan	394,196	411,741	422,231	411,989	-191	-175	-1,217	625	0.0	0.0	-0.3	0.2
Ohio	446,207	463,184	474,618	467,691	-245	-289	-1,324	1,531	-0.1	-0.1	-0.3	0.3
Wisconsin	226,585	237,862	243,920	239,973	-112	-146	-635	1,050	0.0	-0.1	-0.3	0.4
Plains	842,841	879,266	902,273	883,217	-395	-536	-2,098	3,186	0.0	-0.1	-0.2	0.4
Iowa	115,188	119,344	121,665	119,315	-35	-46	-174	411	0.0	0.0	-0.1	0.3
Kansas	107,092	111,416	114,529	113,476	-41	-42	-242	290	0.0	0.0	-0.2	0.3
Minnesota	242,602	254,964	261,627	252,088	-99	-190	-817	883	0.0	-0.1	-0.3	0.4
Missouri	235,073	244,721	251,601	246,983	-113	-124	-592	929	0.0	-0.1	-0.2	0.4
Nebraska	75,469	78,604	80,568	80,058	-28	-28	-121	344	0.0	0.0	-0.1	0.4
North Dakota	33,017	34,104	34,788	33,820	-4	0	-48	189	0.0	0.0	-0.1	0.6
South Dakota	34,399	36,113	37,494	37,476	-76	-106	-105	139	-0.2	-0.3	-0.3	0.4
Southeast	3,126,519	3,287,359	3,406,985	3,381,446	-1,013	-1,040	-7,941	16,678	0.0	0.0	-0.2	0.5
Alabama	163,308	170,793	177,412	177,094	-60	-64	-339	614	0.0	0.0	-0.2	0.3
Arkansas	97,895	101,690	104,159	104,783	-40	-36	-271	294	0.0	0.0	-0.3	0.3
Florida	874,165	926,954	964,269	954,880	-160	-95	-2,673	6,974	0.0	0.0	-0.3	0.7
Georgia	380,241	400,576	415,665	410,296	-137	-115	-877	1,543	0.0	0.0	-0.2	0.4
Kentucky	154,102	160,740	164,782	164,142	-64	-48	-404	392	0.0	0.0	-0.2	0.2
Louisiana	165,318	171,413	176,016	173,900	-43	-17	-505	379	0.0	0.0	-0.3	0.2
Mississippi	91,439	94,757	96,482	96,325	-34	-25	-52	326	0.0	0.0	-0.1	0.3
North Carolina	367,514	388,305	406,984	407,610	-153	-238	-932	1,657	0.0	-0.1	-0.2	0.4
South Carolina	179,229	188,518	196,321	196,788	-43	-31	-303	829	0.0	0.0	-0.2	0.4
Tennessee	238,682	250,516	260,151	259,372	-98	-131	-663	1,120	0.0	-0.1	-0.3	0.4
Virginia	350,789	366,522	376,752	369,718	-161	-231	-804	2,416	0.0	-0.1	-0.2	0.7
West Virginia	63,838	66,575	67,992	66,537	-21	-9	-117	133	0.0	0.0	-0.2	0.2
Southwest	1,529,581	1,611,555	1,673,554	1,670,016	-353	-754	-2,900	6,714	0.0	0.0	-0.2	0.4
Arizona	258,453	273,359	287,273	288,819	-45	-75	-387	1,729	0.0	0.0	-0.1	0.6
New Mexico	71,250	74,541	75,838	74,389	-12	1	-201	112	0.0	0.0	-0.3	0.2
Oklahoma	129,563	135,975	138,817	138,004	-30	-8	-129	534	0.0	0.0	-0.1	0.4
Texas	1,070,315	1,127,680	1,171,626	1,168,805	-267	-672	-2,182	4,339	0.0	-0.1	-0.2	0.4
Rocky Mountain	475,476	503,184	526,758	530,438	-165	-262	-985	3,143	0.0	-0.1	-0.2	0.6
Colorado	246,544	259,778	272,796	272,277	-55	-86	-608	1,394	0.0	0.0	-0.2	0.5
Idaho	57,312	61,370	63,940	65,101	-8	-6	-46	320	0.0	0.0	-0.1	0.5
Montana	41,773	43,984	45,496	46,022	-10	-7	-48	303	0.0	0.0	-0.1	0.7
Utah	106,285	113,697	119,720	122,472	-91	-167	-250	1,027	-0.1	-0.1	-0.2	0.8
Wyoming	23,563	24,355	24,806	24,566	-2	3	-33	99	0.0	0.0	-0.1	0.4
Far West	2,436,846	2,575,197	2,689,884	2,608,265	-821	-2,053	-6,112	17,573	0.0	-0.1	-0.2	0.7
Alaska	35,232	36,640	37,743	35,831	-6	-5	-36	196	0.0	0.0	-0.1	0.6
California	1,738,354	1,833,873	1,917,201	1,848,652	-718	-1,762	-4,262	12,671	0.0	-0.1	-0.2	0.7
Hawaii	61,185	64,530	66,957	64,032	46	91	-20	604	0.1	0.1	0.0	1.0
Nevada	113,091	120,100	125,722	124,031	19	-32	-205	977	0.0	0.0	-0.2	0.8
Oregon	163,272	172,903	180,303	179,129	-65	-86	-448	754	0.0	0.0	-0.2	0.4
Washington	325,712	347,152	361,957	356,590	-97	-259	-1,142	2,371	0.0	-0.1	-0.3	0.7
Net expenditures abroad by U.S. residents ¹	6,961	10,461	11,451	11,132	0	0	19	21	0.0	0.0	0.2	0.2

1. Net expenditures abroad by U.S. residents consists 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.

U.S. Bureau of Economic Analysis