

**Table 1110. Deciles of income before taxes: Shares of annual aggregate expenditures and sources of income, Consumer Expenditure Survey, 2016**

(Aggregates in millions of dollars, unless otherwise indicated)

Item	Aggregate	Lowest 10 percent	Second 10 percent	Third 10 percent	Fourth 10 percent	Fifth 10 percent	Sixth 10 percent	Seventh 10 percent	Eighth 10 percent	Ninth 10 percent	Highest 10 percent
Number of consumer units (in thousands) .....	129,549	12,880	13,004	12,979	13,040	12,949	12,956	12,926	12,973	12,881	12,960
Percent distribution of consumer units	100.0	9.9	10.0	10.0	10.1	10.0	10.0	10.0	10.0	9.9	10.0
Consumer unit characteristics (mean values):											
Income before taxes .....	\$74,664	\$6,502	\$16,229	\$24,432	\$33,499	\$43,931	\$57,192	\$73,568	\$94,739	\$127,268	\$269,644
Income after taxes .....	64,175	6,774	16,841	25,423	33,404	42,410	52,949	66,676	83,424	108,743	205,391
Age of reference person .....	50.9	49.1	59.4	54.5	53.8	50.6	48.8	48.1	47.4	48.2	49.3
Average number in consumer unit:											
People .....	2.5	1.6	1.6	2.1	2.3	2.5	2.5	2.8	2.9	3.1	3.1
Children under 18 .....	.6	.3	.3	.5	.5	.6	.6	.7	.7	.8	.8
Adults 65 and older .....	.4	.3	.5	.5	.6	.4	.3	.3	.2	.2	.2
Earners .....	1.3	.5	.5	.8	.9	1.3	1.5	1.7	1.9	2.0	2.1
Vehicles .....	1.9	.8	1.0	1.3	1.6	1.8	2.0	2.2	2.5	2.7	2.8
Percent distribution:											
Reference person:											
Men .....	47	41	37	41	44	46	48	51	51	55	57
Women .....	53	59	63	59	56	54	52	49	49	45	43
Housing tenure:											
Homeowner .....	62	33	46	51	58	57	63	68	77	82	88
With mortgage .....	36	10	12	15	22	28	38	46	56	62	69
Without mortgage .....	27	23	34	35	36	29	26	22	22	20	20
Renter .....	38	67	54	49	42	43	37	32	23	18	12
Race of reference person:											
Black or African-American .....	13	21	19	15	16	14	12	11	10	9	5
White, Asian, and all other races .....	87	79	81	85	84	86	88	89	90	91	95
Hispanic or Latino origin of reference person:											
Hispanic or Latino .....	13	15	11	16	16	17	16	14	10	9	7
Not Hispanic or Latino .....	87	85	89	84	84	83	84	86	90	91	93
Education of reference person:											
Elementary (1-8) .....	3	7	5	5	4	4	2	2	1	1	( <sup>1</sup> )
High school (9-12) .....	32	43	48	42	41	37	33	28	23	17	7
College .....	65	50	46	53	55	59	65	70	76	83	92
Never attended and other .....	( <sup>1</sup> )	1	1	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )
At least one vehicle owned or leased	87	57	71	84	89	92	95	96	97	97	96
Annual aggregate expenditures .....	\$7,423,468	4.1	4.7	6.0	6.9	7.7	9.0	10.3	12.3	15.2	23.9
Food											
Food .....	932,575	5.2	5.5	6.6	7.3	8.2	9.1	10.4	13.0	14.3	20.4
Food at home .....	524,199	5.9	6.4	7.6	7.8	8.7	9.6	10.5	12.9	13.6	17.0
Cereals and bakery products .....	67,893	5.7	6.2	7.6	8.1	9.5	10.1	10.4	12.8	13.4	16.1
Cereals and cereal products .....	22,235	6.1	6.1	7.6	8.3	9.5	10.7	9.9	13.2	13.4	15.1
Bakery products .....	45,658	5.6	6.3	7.6	8.1	9.5	9.8	10.6	12.6	13.4	16.6
Meats, poultry, fish, and eggs .....	115,219	6.9	6.8	7.9	8.0	8.3	9.5	10.3	12.6	13.1	16.5
Beef .....	31,555	6.4	7.1	8.4	8.4	8.5	9.6	10.2	12.5	11.5	17.5
Pork .....	21,868	7.6	7.6	8.1	8.8	8.5	10.1	11.1	12.3	12.8	13.2
Other meats .....	15,560	6.3	6.4	8.1	7.8	8.3	9.5	11.2	11.8	13.4	17.3
Poultry .....	22,205	7.4	6.2	7.8	8.0	8.5	8.9	10.0	13.6	13.7	15.9
Fish and seafood .....	16,795	6.7	6.4	5.8	6.5	7.4	9.4	9.2	13.0	15.2	20.4
Eggs .....	7,235	6.9	6.7	10.4	8.1	8.4	9.2	10.0	12.2	14.2	14.1
Dairy products .....	53,050	5.5	6.5	7.7	7.7	9.0	9.7	10.7	12.4	13.9	16.9
Fresh milk and cream .....	17,989	6.4	7.6	8.3	8.2	9.2	9.9	10.6	12.1	12.5	15.2
Other dairy products .....	35,060	5.1	5.9	7.4	7.5	9.0	9.6	10.7	12.5	14.5	17.8
Fruits and vegetables .....	101,357	5.5	5.8	7.7	7.4	8.6	9.3	10.7	12.6	14.1	18.2
Fresh fruits .....	37,287	5.2	5.6	7.5	7.3	9.1	9.1	10.3	12.6	14.4	19.1
Fresh vegetables .....	32,832	5.3	5.5	7.6	7.2	8.5	9.3	10.5	12.7	14.3	19.1
Processed fruits .....	14,071	5.2	6.7	8.1	7.5	8.2	9.7	11.0	12.1	14.6	16.8
Processed vegetables .....	17,167	6.7	6.3	8.0	7.9	8.0	9.5	12.0	13.1	12.8	15.9
Other food at home .....	186,681	5.8	6.6	7.3	7.7	8.6	9.5	10.5	13.3	13.6	17.0
Sugar and other sweets .....	19,142	5.8	6.6	7.6	7.2	9.0	9.0	10.8	12.4	13.4	18.3
Fats and oils .....	14,419	6.4	6.2	7.5	7.8	8.5	9.4	10.6	13.5	13.5	16.6
Miscellaneous foods .....	95,075	5.6	6.2	7.1	7.4	8.8	9.7	10.9	13.3	14.0	17.0
Nonalcoholic beverages .....	50,908	6.4	7.9	8.1	8.3	8.5	9.6	9.8	13.7	12.3	15.3

See footnotes at end of table.

**Table 1110. Deciles of income before taxes: Shares of annual aggregate expenditures and sources of income, Consumer Expenditure Survey, 2016 — Continued**

(Aggregates in millions of dollars, unless otherwise indicated)

Item	Aggregate	Lowest 10 percent	Second 10 percent	Third 10 percent	Fourth 10 percent	Fifth 10 percent	Sixth 10 percent	Seventh 10 percent	Eighth 10 percent	Ninth 10 percent	Highest 10 percent
Food prepared by consumer unit on out-of-town trips .....	7,137	2.2	2.8	4.9	7.0	5.6	8.2	10.9	13.0	18.7	26.6
Food away from home .....	408,376	4.4	4.2	5.2	6.6	7.5	8.5	10.3	13.2	15.3	24.8
Alcoholic beverages .....	62,654	2.9	3.6	4.7	6.0	6.4	8.0	10.6	12.9	16.2	28.5
Housing .....	2,446,505	5.0	5.8	6.8	7.6	8.2	9.1	10.2	11.7	14.1	21.5
Shelter .....	1,441,630	5.2	6.1	6.8	7.4	8.1	8.7	10.2	11.6	13.7	22.1
Owned dwellings .....	815,568	2.6	3.4	4.3	5.9	6.4	8.0	10.4	13.5	17.1	28.5
Mortgage interest and charges .....	374,324	1.8	2.0	2.6	4.2	5.4	7.9	11.0	14.6	19.1	31.4
Property taxes .....	255,122	2.9	4.4	5.2	6.7	6.8	8.1	10.1	12.2	15.7	27.9
Maintenance, repairs, insurance, other expenses .....	186,122	3.8	4.9	6.3	8.1	7.8	8.4	9.6	13.1	14.7	23.3
Rented dwellings .....	522,688	10.1	11.1	11.2	10.5	11.5	10.4	10.3	8.9	8.1	7.9
Other lodging .....	103,374	2.0	2.2	4.5	4.2	3.8	5.7	8.1	10.4	15.7	43.5
Utilities, fuels, and public services .....	503,158	5.4	6.5	7.7	8.9	9.4	10.2	10.8	12.1	13.1	15.7
Natural gas .....	45,935	5.3	7.1	8.0	8.3	8.9	9.4	10.1	11.5	13.4	18.0
Electricity .....	187,044	6.5	7.5	8.5	9.7	9.9	10.0	10.5	11.2	12.1	14.1
Fuel oil and other fuels .....	11,043	3.7	7.3	8.1	9.2	9.9	9.1	9.6	11.1	13.5	18.3
Telephone services .....	185,387	4.7	5.4	6.9	8.4	9.2	10.7	11.4	13.1	14.2	15.9
Residential phone service, VOIP, and phone cards .....	39,814	6.2	8.8	9.1	10.2	9.4	9.4	9.3	10.1	12.2	15.2
Cellular phone service .....	145,573	4.3	4.4	6.3	8.0	9.2	11.1	11.9	13.9	14.8	16.1
Water and other public services .....	73,749	4.9	6.3	7.6	8.4	9.0	10.3	10.9	12.2	12.9	17.5
Household operations .....	179,276	3.9	4.5	5.7	6.1	6.7	7.7	9.1	11.4	16.2	28.6
Personal services .....	59,152	3.9	2.6	4.1	3.4	4.4	5.5	7.5	12.4	21.8	34.2
Other household expenses .....	120,124	3.9	5.4	6.5	7.5	7.8	8.8	9.9	10.9	13.4	25.9
Housekeeping supplies .....	85,507	5.9	5.5	7.0	8.6	8.8	10.0	9.8	10.9	15.1	18.3
Laundry and cleaning supplies .....	20,703	6.8	6.6	8.6	9.3	8.0	11.0	9.0	11.1	12.9	16.7
Other household products .....	47,039	5.0	5.5	6.7	8.1	8.8	10.3	10.3	11.2	16.3	18.0
Postage and stationery .....	17,765	7.1	4.4	6.2	9.2	9.7	8.3	9.6	9.9	14.3	21.1
Household furnishings and equipment .....	236,934	3.5	3.7	5.6	6.7	7.5	9.3	9.8	12.0	16.3	25.6
Household textiles .....	12,749	3.7	5.1	4.5	10.7	8.9	7.4	10.8	15.2	14.3	19.5
Furniture .....	59,565	4.1	2.9	6.2	7.5	7.6	7.0	10.8	11.3	14.8	27.9
Floor coverings .....	2,631	2.3	2.8	6.7	8.1	5.8	10.4	6.9	11.1	10.5	35.5
Major appliances .....	36,642	3.1	4.3	6.7	7.9	8.3	10.4	9.9	11.9	13.2	24.3
Small appliances, miscellaneous housewares .....	15,946	3.9	5.5	6.3	6.4	8.1	10.7	11.2	14.9	13.5	19.6
Miscellaneous household equipment .....	109,400	3.2	3.5	4.8	5.4	7.0	10.2	9.0	11.7	18.9	26.2
Apparel and services .....	233,410	4.8	4.7	6.1	6.9	7.7	9.2	10.4	11.4	14.0	25.0
Men and boys .....	55,245	6.1	3.6	6.1	7.4	7.0	10.0	9.7	11.0	15.0	24.2
Men, 16 and over .....	41,828	6.2	3.4	6.3	7.3	6.4	10.4	9.7	10.3	15.4	24.6
Boys, 2 to 15 .....	13,417	5.7	4.3	5.4	7.5	8.9	8.6	9.6	13.2	13.6	23.1
Women and girls .....	86,076	5.3	4.4	6.2	6.7	8.1	9.3	10.5	12.4	14.7	22.4
Women, 16 and over .....	73,959	5.4	4.6	6.6	6.9	7.5	9.6	10.6	11.6	14.7	22.6
Girls, 2 to 15 .....	12,117	4.2	3.7	4.0	5.7	11.9	7.7	9.8	17.2	14.5	21.4
Children under 2 .....	8,583	<sup>3</sup> 2.1	4.8	7.1	6.8	4.9	10.5	17.2	13.5	15.4	17.8
Footwear .....	50,203	3.6	7.1	6.0	7.2	9.1	8.2	10.4	11.5	14.5	22.6
Other apparel products and services .....	33,303	4.3	3.6	5.5	5.8	6.2	8.8	9.3	8.7	9.5	38.3
Transportation .....	1,172,223	3.7	4.6	5.9	7.3	8.4	10.3	11.2	13.0	15.9	19.6
Vehicle purchases (net outlay) .....	470,770	3.1	4.2	5.9	7.9	8.6	10.9	10.7	13.4	16.6	18.7
Cars and trucks, new .....	213,697	<sup>3</sup> 1.7	3.9	7.0	6.8	7.7	9.5	9.1	14.6	16.2	23.4
Cars and trucks, used .....	248,561	4.4	4.4	5.0	8.8	9.5	12.3	11.9	12.3	16.6	14.8
Other vehicles .....	8,512	<sup>3</sup> 1.2	<sup>3</sup> 6.9	<sup>3</sup> 5.4	<sup>3</sup> 4.6	<sup>3</sup> 5.4	<sup>3</sup> 5.9	<sup>3</sup> 15.2	<sup>3</sup> 15.2	<sup>3</sup> 25.1	<sup>3</sup> 15.0
Gasoline and motor oil .....	247,294	4.3	5.1	6.7	8.1	9.5	10.5	11.9	13.6	14.9	15.4
Other vehicle expenses .....	373,486	4.2	4.9	5.9	6.7	8.2	10.0	12.0	12.6	16.0	19.5
Vehicle finance charges .....	29,248	3.0	2.8	5.0	6.9	7.7	11.1	12.7	15.5	16.8	18.6
Maintenance and repairs .....	109,983	4.6	4.4	6.1	7.5	8.5	11.0	10.2	13.4	15.5	18.7
Vehicle insurance .....	148,766	4.7	6.8	6.6	6.3	9.0	9.6	14.1	12.1	15.2	15.6
Vehicle rental, leases, licenses, and other charges .....	85,488	2.9	3.0	4.6	6.3	6.8	8.9	10.3	11.6	17.8	27.7
Public and other transportation .....	80,673	3.2	4.0	4.0	5.1	5.2	7.2	8.0	10.1	15.1	38.1
Healthcare .....	597,428	3.8	5.6	6.8	8.5	9.0	9.5	11.2	12.4	14.6	18.6
Health insurance .....	409,386	3.8	5.6	6.9	8.8	9.2	9.8	11.4	12.6	14.1	17.8
Medical services .....	108,598	3.0	4.7	5.6	7.4	7.9	8.5	10.5	12.5	17.1	22.7
Drugs .....	59,925	4.9	7.1	8.6	9.3	9.7	9.6	10.5	11.5	13.4	15.5
Medical supplies .....	19,518	3.4	6.1	6.4	7.6	7.1	8.7	11.2	12.1	14.5	22.9
Entertainment .....	377,271	3.5	4.3	5.7	6.6	7.0	9.1	10.0	13.4	15.7	24.6
Fees and admissions .....	88,223	2.0	2.2	3.6	4.1	4.4	7.0	8.1	12.3	17.5	38.7

See footnotes at end of table.

**Table 1110. Deciles of income before taxes: Shares of annual aggregate expenditures and sources of income, Consumer Expenditure Survey, 2016 — Continued**

(Aggregates in millions of dollars, unless otherwise indicated)

Item	Aggregate	Lowest 10 percent	Second 10 percent	Third 10 percent	Fourth 10 percent	Fifth 10 percent	Sixth 10 percent	Seventh 10 percent	Eighth 10 percent	Ninth 10 percent	Highest 10 percent
Audio and visual equipment and services .....	140,551	5.1	6.5	7.7	8.9	9.1	9.9	10.7	12.3	13.0	16.9
Pets, toys, hobbies, and playground equipment .....	95,880	3.7	3.9	6.3	6.2	7.6	8.6	10.6	14.7	16.2	22.2
Pets .....	75,525	3.7	3.9	6.2	5.6	7.2	9.2	10.7	15.3	15.3	22.9
Toys, hobbies, and playground equipment .....	20,355	3.6	4.1	6.5	8.5	9.2	6.7	10.1	12.3	19.5	19.6
Other entertainment supplies, equipment, and services .....	52,617	1.7	2.9	3.1	5.0	4.6	11.3	10.2	16.0	19.1	26.0
Personal care products and services	91,521	4.5	5.0	6.4	7.5	7.5	8.6	10.4	11.6	15.3	23.3
Reading .....	15,268	5.5	5.4	6.7	7.9	8.3	8.1	10.5	8.9	13.3	25.4
Education .....	172,129	6.9	3.3	7.6	3.9	3.6	5.7	6.9	8.0	15.7	38.4
Tobacco products and smoking supplies .....	43,686	8.6	9.5	9.2	10.7	10.7	10.8	12.0	10.7	11.4	6.5
Miscellaneous .....	124,294	3.7	3.3	6.0	7.5	10.6	10.4	11.3	10.9	15.2	21.2
Cash contributions .....	269,573	2.2	3.2	6.4	7.4	6.2	6.4	8.1	10.0	13.1	37.1
Personal insurance and pensions .....	884,933	.9	.9	2.1	3.1	4.8	7.6	10.3	13.9	19.3	37.0
Life and other personal insurance .....	41,707	2.3	3.1	4.7	6.6	6.7	8.1	8.6	11.2	17.1	31.5
Pensions and Social Security .....	843,226	.9	.8	1.9	3.0	4.7	7.5	10.4	14.0	19.4	37.3
Sources of income and personal taxes:											
Money income before taxes .....	\$9,672,707	.9	2.2	3.3	4.5	5.9	7.7	9.8	12.7	16.9	36.1
Wages and salaries .....	7,425,644	.3	.9	2.1	3.3	5.3	7.8	10.6	14.2	19.2	36.4
Self-employment income .....	812,321	.1	.4	.8	1.8	2.3	3.6	4.6	6.9	10.9	68.8
Social Security, private and government retirement .....	1,036,476	2.9	11.7	12.8	14.8	12.6	10.2	9.5	8.5	8.4	8.5
Interest, dividends, rental income, other property income .....	226,859	.6	.8	1.8	2.6	4.5	5.1	7.2	8.3	13.2	56.0
Public assistance, Supplemental Security Income, Supplementary Nutrition Assistance Program (SNAP) .....	67,197	26.4	17.0	17.4	12.0	8.8	6.0	5.8	4.1	1.7	3.9
Unemployment and workers' compensation, veterans' benefits, and regular contributions for support .....	57,556	3.5	4.3	7.0	12.0	10.5	9.9	13.9	12.5	12.2	14.1
Other income .....	46,655	14.1	12.2	12.0	10.7	7.4	5.6	6.7	7.1	5.1	19.0
Personal taxes (contains some imputed values) .....	1,358,841	-3	-6	-9	.1	1.4	4.0	6.6	10.8	17.6	61.3
Federal income taxes .....	1,083,995	-3	-7	-1.3	-3	1.0	3.7	6.1	10.3	17.1	64.4
State and local income taxes .....	265,116	-3	-3	.2	1.2	2.8	5.5	8.2	13.2	19.8	49.7
Other taxes .....	9,729	<sup>3</sup> 1.1	8.2	3.3	9.0	15.6	4.9	8.2	8.0	11.8	29.9
Income after taxes .....	8,313,867	1.0	2.6	4.0	5.2	6.6	8.3	10.4	13.0	16.8	32.0

<sup>1</sup> Value is too small to display.

<sup>2</sup> No data reported.

<sup>3</sup> Data are likely to have large sampling errors.

Source: Consumer Expenditure Survey, U.S. Bureau of Labor Statistics, August, 2017