

**Table 1110. Deciles of income before taxes: Shares of annual aggregate expenditures and sources of income, Consumer Expenditure Survey, 2019**

(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) .....	132,242	13,221	13,146	13,216	13,171	13,293	13,285	13,240	13,135	13,192	13,344
Percent distribution of consumer units .....	100.0	10.0	9.9	10.0	10.0	10.1	10.0	10.0	9.9	10.0	10.1
Consumer unit characteristics (mean values):											
Income before taxes .....	\$82,852	\$6,268	\$17,823	\$27,642	\$37,910	\$49,578	\$63,972	\$81,821	\$105,052	\$141,980	\$294,483
Income after taxes .....	71,487	6,386	18,120	28,230	37,675	46,829	59,421	74,234	93,571	122,353	226,602
Age of reference person .....	51.6	51.7	61.4	57.4	52.5	50.5	48.3	47.9	47.5	48.7	49.8
Average number in consumer unit:											
People .....	2.5	1.5	1.7	2.0	2.3	2.4	2.6	2.8	2.9	3.1	3.2
Children under 18 .....	.6	.3	.3	.4	.6	.5	.6	.7	.7	.8	.8
Adults 65 and older .....	.4	.3	.6	.6	.5	.5	.4	.3	.3	.2	.2
Earners .....	1.3	.4	.5	.7	1.0	1.2	1.5	1.7	1.9	2.1	2.1
Vehicles .....	1.9	.9	1.1	1.5	1.7	1.8	2.1	2.2	2.4	2.8	2.9
Percent distribution:											
Reference person:											
Men .....	48	38	36	40	45	49	48	54	55	56	58
Women .....	52	62	64	60	55	51	52	46	45	44	42
Housing tenure:											
Homeowner .....	64	35	51	56	54	60	64	71	74	82	89
With mortgage .....	37	12	14	19	23	31	38	50	54	63	68
Without mortgage .....	27	23	37	37	32	28	26	22	20	19	22
Renter .....	36	65	49	44	46	40	36	29	26	18	11
Race of reference person:											
Black or African-American .....	13	25	16	17	14	12	14	11	9	11	5
White, Asian, and all other races .....	87	75	84	83	86	88	86	89	91	89	95
Hispanic or Latino origin of reference person:											
Hispanic or Latino .....	14	13	13	16	17	17	16	14	11	11	6
Not Hispanic or Latino .....	86	87	87	84	83	83	84	86	89	89	94
Education of reference person:											
Elementary (1-8) .....	3	5	4	3	4	3	2	2	2	1	( <sup>1</sup> )
High school (9-12) .....	30	43	48	43	37	32	28	24	20	14	8
College .....	67	51	48	53	59	65	70	74	78	85	91
Never attended and other .....	( <sup>1</sup> )	1	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
At least one vehicle owned or leased .....	89	60	76	87	92	92	95	95	97	98	97
Annual aggregate expenditures .....	\$8,333,301	4.1	5.0	5.9	6.9	7.9	9.0	10.5	12.0	15.3	23.3
Food .....	1,078,750	4.8	5.9	6.3	8.0	8.7	9.7	10.7	11.5	14.8	19.5
Food at home .....	613,097	5.4	6.6	7.0	8.8	9.1	9.9	10.7	11.7	14.2	16.5
Cereals and bakery products .....	76,992	5.8	6.9	6.9	9.1	8.3	10.5	10.4	12.2	13.9	15.9
Cereals and cereal products .....	24,233	6.0	5.5	6.3	9.1	8.6	10.5	9.9	12.6	15.2	16.3
Bakery products .....	52,759	5.8	7.6	7.1	9.1	8.2	10.5	10.7	12.0	13.2	15.7
Meats, poultry, fish, and eggs .....	129,460	5.4	6.6	7.6	9.0	9.5	9.9	11.3	11.2	14.2	15.3
Beef .....	35,694	5.0	6.6	6.4	7.9	10.1	9.1	14.3	10.9	14.1	15.8
Pork .....	24,650	6.3	7.7	8.9	9.2	9.7	11.0	9.8	10.8	13.0	13.6
Other meats .....	17,044	5.4	5.9	7.4	9.3	9.2	11.0	10.3	11.8	14.1	15.5
Poultry .....	24,966	5.2	6.0	8.4	9.5	9.2	9.7	10.6	12.0	14.3	15.3
Fish and seafood .....	19,390	5.1	6.5	7.7	9.8	8.7	9.4	9.9	10.6	16.0	16.2
Eggs .....	7,716	7.0	7.6	7.3	9.7	9.5	10.4	9.8	10.8	13.0	15.0
Dairy products .....	60,061	5.5	6.6	7.0	8.4	8.9	10.2	10.3	11.6	14.5	16.9
Fresh milk and cream .....	18,536	6.7	7.4	7.5	8.7	9.4	9.7	10.4	11.7	12.9	15.5
Other dairy products .....	41,526	5.0	6.2	6.8	8.3	8.7	10.4	10.3	11.6	15.3	17.4
Fruits and vegetables .....	115,700	5.2	6.5	7.1	8.9	9.5	9.7	10.3	11.9	14.1	16.9
Fresh fruits .....	42,493	4.9	6.1	7.0	9.1	9.1	9.9	10.4	11.7	14.1	17.9
Fresh vegetables .....	39,015	5.3	5.9	7.4	8.8	9.9	9.2	10.2	12.4	14.5	16.6
Processed fruits .....	14,824	5.3	8.2	6.5	8.7	9.0	9.7	10.2	11.3	14.1	17.0
Processed vegetables .....	19,367	5.7	7.1	7.3	8.9	10.0	10.3	10.3	11.9	13.3	15.3
Other food at home .....	230,883	5.3	6.5	6.7	8.6	9.1	9.7	10.7	11.8	14.4	17.1
Sugar and other sweets .....	21,794	5.0	6.5	6.8	8.0	8.9	10.3	10.4	11.6	15.5	17.0

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, 2019 — 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
Fats and oils .....	15,153	5.6	7.2	6.8	9.2	9.3	9.8	10.0	11.7	13.4	17.0
Miscellaneous foods .....	125,665	5.1	6.4	6.7	8.6	8.9	9.4	10.9	11.9	14.8	17.2
Nonalcoholic beverages .....	60,075	5.8	7.2	7.0	8.7	9.8	10.1	10.7	11.7	13.5	15.4
Food prepared by consumer unit on out-of-town trips .....	8,196	3.7	3.4	4.5	7.2	7.7	8.7	10.5	12.3	14.5	27.5
Food away from home .....	465,653	4.0	5.1	5.4	7.0	8.1	9.4	10.7	11.3	15.4	23.5
Alcoholic beverages .....	76,493	3.3	3.9	4.5	7.0	7.2	8.0	11.1	11.6	17.5	25.9
Housing .....	2,734,285	5.1	6.0	6.8	7.5	8.3	9.2	10.5	11.4	14.1	21.1
Shelter .....	1,612,057	5.5	6.0	6.8	7.4	8.3	9.1	10.3	11.1	14.1	21.4
Owned dwellings .....	898,894	3.0	4.1	4.9	5.2	6.7	7.9	10.7	12.0	17.5	27.9
Mortgage interest and charges .....	364,926	2.4	2.0	3.4	3.8	6.0	7.9	11.7	13.5	19.0	30.2
Property taxes .....	285,524	3.3	4.4	5.7	5.8	6.9	7.6	9.6	11.8	16.6	28.2
Maintenance, repairs, insurance, other expenses .....	248,444	3.6	7.0	6.3	6.5	7.5	8.1	10.5	9.9	16.4	24.2
Rented dwellings .....	586,042	9.4	9.6	10.4	11.4	11.3	11.6	10.2	10.0	8.6	7.5
Other lodging .....	127,121	4.6	2.5	3.8	4.7	5.6	6.1	8.0	10.2	14.9	39.7
Utilities, fuels, and public services .....	536,253	5.6	6.7	8.1	8.7	9.3	10.0	11.0	11.7	13.3	15.5
Natural gas .....	55,020	5.3	7.1	8.4	8.6	8.8	8.9	10.6	11.3	13.1	17.9
Electricity .....	194,628	6.6	7.7	9.0	9.3	9.6	10.2	10.7	10.8	12.1	14.2
Fuel oil and other fuels .....	14,954	5.4	6.6	8.5	9.2	6.5	8.7	9.9	11.4	13.7	20.0
Telephone services .....	186,323	4.8	5.8	7.1	8.4	9.4	10.5	11.6	12.7	14.5	15.4
Residential phone service, VOIP, and phone cards .....	25,241	7.6	11.7	11.2	9.5	8.8	9.5	9.0	9.6	10.8	12.4
Cellular phone service .....	161,082	4.3	4.8	6.4	8.2	9.5	10.7	12.0	13.1	15.1	15.9
Water and other public services .....	85,327	5.6	6.5	8.1	8.3	9.1	9.5	10.9	12.0	13.8	16.3
Household operations .....	207,591	3.3	4.8	5.3	6.6	7.4	7.9	10.1	11.2	15.4	28.0
Personal services .....	64,603	<sup>2</sup> 1.1	<sup>2</sup> 2.1	2.9	4.7	5.8	5.8	9.2	13.4	18.3	36.6
Other household expenses .....	142,988	4.3	6.0	6.4	7.5	8.2	8.8	10.4	10.2	14.2	24.1
Housekeeping supplies .....	101,081	5.3	5.9	7.4	8.0	8.7	9.6	11.1	11.1	14.3	18.7
Laundry and cleaning supplies .....	24,466	6.4	7.0	7.2	9.8	8.5	10.7	10.2	10.4	14.4	15.3
Other household products .....	60,451	4.6	5.1	7.0	7.4	9.0	9.4	11.2	11.5	14.6	20.4
Postage and stationery .....	16,164	6.4	7.4	9.1	7.4	7.7	8.6	12.4	10.6	12.7	17.6
Household furnishings and equipment .....	277,303	3.4	5.5	4.8	6.2	7.4	9.3	10.4	12.4	14.8	25.8
Household textiles .....	17,309	5.1	4.1	4.8	7.0	6.8	10.4	12.6	11.6	14.6	22.9
Furniture .....	68,897	2.8	4.7	5.4	5.8	6.7	8.2	10.9	13.4	14.7	27.3
Floor coverings .....	3,315	3.0	3.4	4.1	5.8	6.5	7.6	10.3	8.6	9.6	41.2
Major appliances .....	42,534	2.7	5.7	4.9	7.2	8.0	8.6	9.5	14.5	14.2	24.9
Small appliances, miscellaneous housewares .....	15,681	4.8	4.4	4.9	6.6	7.3	10.0	10.1	13.1	16.3	22.5
Miscellaneous household equipment .....	129,567	3.6	6.3	4.4	6.0	7.6	10.0	10.2	11.2	14.9	25.8
Apparel and services .....	248,692	4.5	4.2	5.8	7.4	7.2	9.1	10.5	13.3	14.6	23.4
Men and boys .....	59,093	3.4	4.6	6.1	7.5	5.9	11.2	10.1	11.6	15.4	24.4
Men, 16 and over .....	45,894	3.1	4.9	6.5	7.2	5.6	10.7	10.2	11.4	14.7	25.7
Boys, 2 to 15 .....	13,199	4.1	3.5	4.5	8.4	6.7	12.9	9.9	12.4	17.8	19.9
Women and girls .....	92,986	4.6	4.1	4.9	7.4	7.8	8.8	10.7	14.0	16.0	21.8
Women, 16 and over .....	79,473	4.2	4.2	4.9	7.5	7.8	8.9	10.1	14.5	16.3	21.4
Girls, 2 to 15 .....	13,513	6.8	3.9	4.7	6.4	7.5	8.2	14.3	10.7	13.7	23.7
Children under 2 .....	9,966	<sup>2</sup> 3.7	<sup>2</sup> 4.9	7.7	6.2	10.6	9.6	10.7	16.5	14.8	15.4
Footwear .....	55,289	6.1	3.5	6.6	8.0	6.9	9.3	10.6	14.7	13.4	21.0
Other apparel products and services .....	31,357	3.7	4.7	6.2	6.5	7.4	5.3	10.3	11.4	11.4	32.9
Transportation .....	1,420,566	3.9	4.6	5.7	7.6	8.7	9.7	10.9	13.0	15.7	20.1
Vehicle purchases (net outlay) .....	581,033	3.5	4.5	5.1	7.1	9.1	9.2	11.1	13.1	16.7	20.6
Cars and trucks, new .....	259,160	<sup>2</sup> 2.6	4.2	4.7	6.5	7.7	7.3	12.0	13.2	17.1	24.5
Cars and trucks, used .....	314,094	4.3	4.7	5.6	7.7	10.4	10.6	9.9	12.9	16.4	17.6
Other vehicles .....	7,779	<sup>2</sup> 1.0	<sup>2</sup> 2.4	<sup>2</sup> 1.5	<sup>2</sup> 7	<sup>2</sup> 3.6	<sup>2</sup> 16.6	<sup>2</sup> 27.5	18.4	<sup>2</sup> 16.2	<sup>2</sup> 12.2
Gasoline, other fuels, and motor oil .....	276,931	4.7	4.8	6.7	8.6	9.1	10.8	11.9	12.8	14.9	15.6
Other vehicle expenses .....	459,390	3.8	4.8	6.2	8.1	8.6	10.2	10.8	13.2	15.2	19.0
Vehicle finance charges .....	33,277	2.6	2.9	4.5	6.4	8.5	11.0	11.8	15.2	18.5	18.6
Maintenance and repairs .....	117,224	4.4	5.3	7.1	8.5	8.3	9.7	10.7	12.4	14.8	19.0
Vehicle rental, leases, licenses, and other charges .....	104,536	3.0	3.7	4.0	6.7	6.9	9.1	10.4	13.8	16.8	25.5
Vehicle insurance .....	204,352	4.2	5.4	7.1	8.8	9.7	10.9	11.0	13.0	14.1	15.8
Public and other transportation .....	103,212	4.5	3.9	4.4	5.3	5.9	7.2	8.1	12.4	14.4	33.9
Healthcare .....	686,691	4.2	6.8	7.3	7.9	8.7	9.4	11.4	11.8	13.7	18.8
Health insurance .....	466,729	4.2	6.9	7.5	7.8	9.0	9.6	11.3	11.8	13.8	18.2

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, 2019 — 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
Medical services.....	130,142	3.5	5.7	5.3	7.1	7.8	8.9	12.1	12.9	13.8	23.0
Drugs.....	64,211	5.4	7.2	9.1	10.0	9.1	10.1	10.4	10.6	13.3	14.9
Medical supplies.....	25,610	3.2	10.0	8.6	7.8	8.1	8.1	12.2	10.5	13.4	18.3
Entertainment.....	408,392	3.4	3.8	6.0	5.9	6.5	8.2	10.1	11.8	15.9	28.4
Fees and admissions.....	116,302	2.1	1.4	2.8	3.2	4.4	5.2	8.1	9.6	15.8	47.3
Audio and visual equipment and services.....	132,230	5.2	6.5	8.0	8.0	9.0	9.7	10.7	12.1	14.6	16.3
Pets, toys, hobbies, and playground equipment.....	108,457	3.5	3.8	8.3	6.5	6.8	10.3	12.8	11.1	18.7	18.1
Pets.....	89,952	3.7	3.7	8.8	6.5	6.0	11.0	12.3	10.8	18.4	18.6
Toys, hobbies, and playground equipment.....	18,505	2.4	4.3	5.8	6.1	10.8	6.9	15.2	12.6	20.4	15.4
Other entertainment supplies, equipment, and services.....	51,404	1.4	2.1	3.2	5.7	4.2	6.7	7.6	17.2	13.5	38.4
Personal care products and services.....	103,912	4.2	5.0	6.6	7.5	8.3	9.7	11.3	11.4	15.1	20.9
Reading.....	12,167	5.9	7.3	8.2	5.3	9.9	9.8	11.5	8.8	15.4	18.0
Education.....	190,849	5.7	4.9	4.0	2.8	4.4	5.2	7.1	9.3	17.9	38.8
Tobacco products and smoking supplies.....	42,314	9.1	9.6	9.8	10.6	10.9	12.2	12.3	12.4	8.3	4.8
Miscellaneous.....	118,856	3.8	5.3	6.9	8.2	7.9	11.6	9.4	9.3	15.1	22.5
Cash contributions.....	263,854	2.7	3.8	5.4	6.1	5.8	7.5	9.9	11.8	15.0	31.8
Personal insurance and pensions.....	947,479	.7	1.0	2.2	3.4	5.5	7.5	10.4	13.7	19.9	35.8
Life and other personal insurance.....	68,706	2.1	3.6	5.1	5.6	6.6	7.5	10.7	10.3	16.9	31.6
Pensions and Social Security.....	878,774	.6	.8	2.0	3.2	5.4	7.5	10.4	13.9	20.1	36.1
Sources of income and personal taxes:											
Money income before taxes.....	\$10,956,495	.8	2.1	3.3	4.6	6.0	7.8	9.9	12.6	17.1	35.9
Wages and salaries.....	8,557,137	.3	.8	2.0	3.6	5.3	7.8	10.4	13.7	18.9	37.2
Self-employment income.....	786,437	( <sup>1</sup> )	.8	1.3	1.7	3.5	3.5	6.4	8.8	13.3	60.7
Social Security, private and government retirement.....	1,177,207	2.9	11.8	13.8	13.3	12.6	10.6	9.5	8.7	8.2	8.7
Interest, dividends, rental income, other property income.....	259,431	.4	1.1	2.4	3.8	5.2	4.8	6.0	9.2	15.1	51.8
Public assistance, Supplemental Security Income, Supplementary Nutrition Assistance Program (SNAP).....	56,396	28.4	19.8	15.1	11.1	7.7	7.3	4.0	2.3	2.9	<sup>2</sup> 1.3
Unemployment and workers' compensation, veterans' benefits, and regular contributions for support.....	74,314	2.0	3.5	4.4	8.2	8.0	11.5	10.7	9.1	15.3	27.4
Other income.....	45,572	14.7	12.3	9.0	5.6	9.4	5.8	5.6	6.9	13.5	17.1
Personal taxes (contains some imputed values).....	1,502,850	-.1	-.3	-.5	.2	2.4	4.0	6.7	10.0	17.2	60.3
Federal income taxes.....	1,167,872	-.1	-.3	-.8	-.2	2.1	3.6	6.2	9.5	16.8	63.1
State and local income taxes.....	326,607	-.2	-.2	.4	1.5	3.5	5.4	8.2	11.8	18.5	51.2
Other taxes.....	8,371	<sup>2</sup> 3.1	6.1	4.2	3.9	6.5	5.6	8.1	10.2	24.2	28.1
Income after taxes.....	9,453,645	.9	2.5	3.9	5.2	6.6	8.4	10.4	13.0	17.1	32.0

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

<sup>2</sup> Data are likely to have large sampling errors.