

Table 1110. Deciles of income before taxes: Shares of annual aggregate expenditures and sources of income, Consumer Expenditure Survey, 2018

(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)	131,439	13,169	13,164	13,156	13,159	13,117	13,079	13,124	13,097	13,207	13,167
Percent distribution of consumer units	100.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Consumer unit characteristics (mean values):											
Income before taxes	\$78,635	\$5,724	\$16,848	\$26,306	\$36,167	\$47,738	\$62,083	\$79,250	\$101,729	\$138,383	\$271,773
Income after taxes	67,241	5,947	17,445	26,592	35,805	45,489	56,950	71,072	88,835	117,022	207,024
Age of reference person	51.1	48.0	59.4	56.6	53.7	51.0	48.8	48.1	47.7	48.4	49.4
Average number in consumer unit:											
People	2.5	1.6	1.7	2.0	2.3	2.4	2.5	2.8	2.9	3.1	3.2
Children under 186	.3	.3	.4	.5	.5	.6	.8	.7	.8	.8
Adults 65 and older4	.3	.6	.6	.6	.5	.4	.3	.3	.2	.2
Earners	1.3	.5	.5	.7	.9	1.2	1.4	1.7	1.9	2.1	2.1
Vehicles	1.9	.9	1.1	1.5	1.7	1.8	2.0	2.2	2.4	2.7	2.8
Percent distribution:											
Reference person:											
Men	47	40	34	44	44	47	49	51	52	54	58
Women	53	60	66	56	56	53	51	49	48	46	42
Housing tenure:											
Homeowner	63	32	50	54	58	60	62	69	75	84	90
With mortgage	37	11	14	17	23	32	36	48	55	63	71
Without mortgage	26	21	36	38	35	28	26	21	20	21	19
Renter	37	68	50	46	42	40	38	31	25	16	10
Race of reference person:											
Black or African-American	13	21	18	16	14	13	13	12	9	10	6
White, Asian, and all other races	87	79	82	84	86	87	87	88	91	90	94
Hispanic or Latino origin of reference person:											
Hispanic or Latino	13	15	13	16	16	16	15	14	12	10	6
Not Hispanic or Latino	87	85	87	84	84	84	85	86	88	90	94
Education of reference person:											
Elementary (1-8)	3	5	6	5	3	3	3	2	2	1	(¹)
High school (9-12)	30	43	48	43	38	33	27	22	20	16	8
College	67	51	46	52	59	64	70	76	79	83	92
Never attended and other	(¹)	1	1	(¹)	(¹)	(¹)	(¹)	(²)	(¹)	(¹)	(¹)
At least one vehicle owned or leased	88	59	74	86	92	94	93	95	96	98	96
Annual aggregate expenditures	\$8,043,521	4.1	4.5	6.1	7.0	8.0	8.8	10.4	12.1	15.6	23.3
Food	1,039,471	5.3	5.1	7.3	7.5	8.5	9.1	10.9	12.7	14.1	19.6
Food at home	585,605	6.0	6.2	8.2	8.0	8.7	9.6	11.0	11.8	13.4	17.2
Cereals and bakery products	74,683	5.9	6.2	8.3	8.2	8.4	9.6	11.2	11.8	13.5	16.9
Cereals and cereal products	23,301	6.0	6.2	8.2	8.0	7.9	9.5	10.9	12.1	14.7	16.3
Bakery products	51,382	5.8	6.3	8.4	8.3	8.6	9.6	11.4	11.7	12.9	17.1
Meats, poultry, fish, and eggs	126,032	6.1	6.1	8.2	8.2	8.8	9.4	10.8	12.2	12.9	17.3
Beef	33,249	6.0	5.4	8.2	7.5	8.7	9.4	11.5	12.3	13.3	17.6
Pork	23,605	6.7	6.6	8.7	8.3	9.7	10.5	10.7	11.0	13.1	14.7
Other meats	16,979	5.9	5.3	7.8	9.2	8.8	10.1	10.8	12.3	12.8	17.0
Poultry	23,651	5.9	6.7	8.0	8.3	8.6	9.0	10.6	12.9	13.2	16.8
Fish and seafood	20,168	5.7	6.2	8.2	8.0	8.6	8.0	9.9	12.9	11.5	20.9
Eggs	8,380	6.3	6.7	8.0	8.4	8.6	9.8	10.3	11.6	13.8	16.6
Dairy products	58,917	5.5	6.6	7.8	8.0	8.3	9.6	11.4	11.6	14.1	17.2
Fresh milk and cream	19,225	6.4	7.5	8.3	8.3	8.4	9.8	11.3	11.4	12.9	15.7
Other dairy products	39,692	5.0	6.2	7.6	7.8	8.3	9.4	11.4	11.7	14.7	17.9
Fruits and vegetables	112,519	5.6	6.3	8.1	7.8	8.5	9.9	10.9	11.5	13.8	17.6
Fresh fruits	41,670	5.7	6.2	8.0	7.5	8.1	9.6	10.8	11.7	14.1	18.4
Fresh vegetables	37,063	5.5	6.2	7.7	7.3	8.7	10.2	10.8	11.4	13.5	18.7
Processed fruits	14,951	5.1	6.4	8.6	8.6	8.8	10.3	11.4	12.0	13.1	15.7
Processed vegetables	18,835	6.0	6.3	8.7	9.1	9.0	9.9	10.9	10.9	14.2	14.9
Other food at home	213,454	6.3	6.0	8.3	8.0	8.9	9.5	10.9	11.7	13.3	17.1
Sugar and other sweets	19,743	6.1	6.0	8.6	9.3	8.5	8.9	11.3	10.5	14.4	16.3

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, 2018 — 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	15,452	6.0	6.0	8.8	8.6	8.9	9.4	11.9	11.4	13.6	15.4
Miscellaneous foods	113,442	6.1	5.9	8.0	7.8	8.8	9.8	10.5	12.3	13.5	17.3
Nonalcoholic beverages	57,406	6.9	6.5	9.1	8.1	9.3	9.4	11.7	11.1	12.1	15.9
Food prepared by consumer unit on out-of-town trips	7,412	3.9	3.7	4.2	6.4	8.3	9.0	9.1	11.7	16.3	27.4
Food away from home	453,865	4.3	3.8	6.1	6.8	8.2	8.5	10.9	13.8	15.0	22.7
Alcoholic beverages	76,468	3.6	2.1	5.1	5.5	7.6	9.1	9.0	14.2	14.4	29.5
Housing	2,640,250	4.9	5.6	6.9	7.4	8.5	9.2	10.4	11.6	14.2	21.3
Shelter	1,544,072	5.1	5.8	7.0	7.0	8.3	9.2	10.4	11.8	13.7	21.8
Owned dwellings	877,720	2.6	3.7	4.9	5.2	6.5	7.7	10.1	12.7	17.4	29.3
Mortgage interest and charges	364,770	2.0	2.0	3.1	3.7	5.8	7.5	11.1	14.1	19.6	31.2
Property taxes	289,139	3.2	3.9	5.3	5.9	6.8	7.6	9.6	11.6	16.4	29.8
Maintenance, repairs, insurance, other expenses	223,811	2.9	6.1	7.3	6.6	7.3	8.1	9.1	11.8	15.1	25.7
Rented dwellings	558,452	9.5	9.7	11.1	10.2	11.4	11.9	11.4	10.4	7.5	7.1
Other lodging	107,901	2.3	2.3	3.2	5.5	6.3	7.2	8.2	11.6	16.8	36.8
Utilities, fuels, and public services	532,153	5.3	6.7	7.9	8.9	9.5	9.9	11.0	11.8	13.4	15.5
Natural gas	53,888	5.2	6.6	7.9	8.4	9.3	9.4	10.4	11.5	14.0	17.3
Electricity	196,651	6.3	7.8	8.7	9.5	9.9	9.8	10.7	11.0	12.0	14.3
Fuel oil and other fuels	15,964	4.1	8.8	9.3	8.8	7.7	8.4	7.3	10.4	13.7	21.5
Telephone services	184,982	4.6	5.4	7.0	8.5	9.3	10.4	11.6	13.0	14.7	15.5
Residential phone service, VOIP, and phone cards	28,853	6.9	10.1	10.9	11.1	9.6	9.0	9.1	9.5	11.0	12.8
Cellular phone service	156,129	4.2	4.5	6.3	8.0	9.3	10.7	12.1	13.6	15.3	16.0
Water and other public services	80,668	4.8	6.5	7.7	8.9	9.7	9.7	11.3	11.9	13.8	15.8
Household operations	200,080	3.3	4.4	5.3	6.6	6.7	7.4	9.4	10.6	15.7	30.6
Personal services	62,046	2.0	2.6	2.3	3.8	4.2	4.1	9.1	10.3	19.9	41.8
Other household expenses	138,034	3.9	5.2	6.6	7.9	7.8	8.8	9.6	10.8	13.8	25.6
Housekeeping supplies	98,029	6.5	5.6	7.1	8.4	10.0	8.1	10.7	11.8	13.7	18.1
Laundry and cleaning supplies	24,108	4.9	6.4	8.9	8.5	12.2	8.4	10.7	11.5	13.1	15.4
Other household products	56,598	7.8	5.3	6.0	8.1	9.6	7.9	11.0	12.2	13.3	18.9
Postage and stationery	17,323	4.6	5.5	8.1	9.6	8.2	8.1	9.8	10.9	15.8	19.3
Household furnishings and equipment	265,917	3.9	3.4	5.3	6.5	8.6	9.9	9.8	11.3	17.3	23.8
Household textiles	14,576	4.6	6.0	8.2	6.6	9.0	7.7	10.4	9.3	19.0	19.1
Furniture	68,141	3.6	3.0	5.5	7.0	7.3	8.1	10.2	12.7	20.6	22.0
Floor coverings	3,327	3.2	2.2	3.0	4.1	5.8	8.3	12.6	14.3	16.0	30.4
Major appliances	39,911	2.7	3.7	5.7	6.9	9.3	8.4	12.0	11.1	13.9	26.4
Small appliances, miscellaneous housewares	15,545	4.0	5.4	7.6	8.0	7.4	9.9	10.9	11.0	17.0	18.9
Miscellaneous household equipment	124,416	4.4	3.1	4.4	6.0	9.4	11.8	8.7	10.9	16.4	25.0
Apparel and services	244,915	4.1	3.9	7.0	6.7	7.0	9.3	9.6	12.9	14.7	24.8
Men and boys	55,134	3.8	3.2	4.6	7.0	7.7	9.1	10.9	12.7	13.9	27.1
Men, 16 and over	44,202	4.0	3.1	4.4	7.1	7.5	8.8	10.7	12.7	13.5	28.0
Boys, 2 to 15	10,932	2.7	3.5	5.1	6.4	8.7	10.5	11.9	12.8	15.3	23.2
Women and girls	99,043	3.4	4.0	7.4	7.3	7.7	8.2	8.6	12.2	16.0	25.2
Women, 16 and over	83,668	3.6	4.2	7.6	7.6	8.0	8.6	8.8	11.5	15.5	24.5
Girls, 2 to 15	15,376	2.4	2.9	6.4	5.2	5.7	5.7	7.8	16.1	18.7	29.1
Children under 2	10,242	³ 6.0	5.9	5.9	6.5	8.8	7.1	12.2	16.8	13.6	17.3
Footwear	51,372	4.4	4.4	8.7	6.5	5.6	12.9	9.7	14.5	14.2	19.1
Other apparel products and services	29,124	5.6	3.7	7.5	4.8	5.3	7.5	9.3	11.5	12.8	31.9
Transportation	1,282,692	3.6	4.1	6.3	7.5	8.1	9.6	10.6	12.5	16.9	20.9
Vehicle purchases (net outlay)	522,435	3.0	3.3	5.9	7.6	7.4	9.4	10.0	12.7	19.3	21.5
Cars and trucks, new	239,926	2.9	2.4	6.3	8.6	7.5	9.1	7.8	11.1	20.3	24.1
Cars and trucks, used	273,899	3.2	4.2	5.6	6.8	7.1	9.7	11.9	13.8	18.8	18.9
Other vehicles	8,610	³ 2.0	³ 3	³ 2.8	³ 5	³ 15.1	10.3	³ 10.1	21.8	³ 9.4	³ 27.7
Gasoline, other fuels, and motor oil	277,165	4.6	4.8	6.6	8.3	9.3	10.3	11.5	13.1	15.4	16.0
Other vehicle expenses	375,532	3.6	5.0	7.0	7.6	8.8	9.8	11.2	11.8	15.2	20.0
Vehicle finance charges	29,143	2.4	3.1	4.3	6.7	8.5	9.8	12.6	14.7	18.7	19.3
Maintenance and repairs	116,921	4.3	4.7	8.1	8.8	8.7	9.7	10.8	11.6	15.4	17.8
Vehicle insurance	128,054	³ 3.4	6.9	8.4	8.2	10.1	10.2	11.0	11.1	14.3	16.4
Vehicle rental, leases, licenses, and other charges	101,413	3.4	3.4	4.6	5.7	7.2	9.5	11.4	12.1	15.2	27.4
Public and other transportation	107,561	3.5	2.7	5.5	5.3	5.7	7.7	8.7	12.6	14.8	33.7
Healthcare	652,982	3.9	6.1	7.4	8.7	9.0	9.6	11.0	12.6	14.0	17.7
Health insurance	447,507	3.9	6.4	7.5	8.8	8.9	9.6	11.2	12.8	13.9	16.9

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, 2018 — 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.....	119,426	3.5	4.2	6.2	7.6	8.6	9.0	10.2	12.8	16.2	21.8
Drugs.....	63,492	4.7	7.9	8.4	10.6	10.4	10.4	10.5	10.7	11.4	14.8
Medical supplies.....	22,556	2.6	6.4	8.7	6.8	9.3	9.7	11.3	12.4	12.8	20.0
Entertainment.....	423,720	4.2	4.2	4.8	8.8	8.3	7.4	10.8	10.8	16.5	24.1
Fees and admissions.....	100,636	3.9	2.1	2.9	4.2	5.2	6.9	9.2	12.0	16.6	37.1
Audio and visual equipment and services.....	135,311	5.1	6.2	7.5	8.6	9.1	9.8	10.5	11.6	13.8	17.8
Pets, toys, hobbies, and playground equipment.....	107,134	3.1	5.2	4.9	6.3	10.7	8.1	11.3	11.1	17.6	21.8
Pets.....	86,945	3.0	5.7	4.6	6.5	10.6	7.7	11.2	10.5	18.4	21.7
Toys, hobbies, and playground equipment.....	20,189	3.3	2.8	6.0	5.2	11.2	9.9	12.0	13.9	13.8	22.0
Other entertainment supplies, equipment, and services.....	80,639	4.8	2.4	2.3	18.2	7.7	3.3	12.8	7.5	19.5	21.5
Personal care products and services.....	100,865	4.3	4.7	6.0	7.3	8.2	8.7	11.6	11.5	15.5	22.0
Reading.....	14,178	6.0	6.6	9.8	7.8	8.7	7.9	10.8	10.6	13.4	18.3
Education.....	184,932	8.6	2.3	2.6	3.3	4.5	5.9	6.9	10.0	18.0	38.0
Tobacco products and smoking supplies.....	45,556	8.3	9.5	9.4	11.0	11.8	11.1	11.2	11.8	9.4	6.6
Miscellaneous.....	130,444	4.5	4.1	7.2	8.4	9.4	9.5	10.5	10.9	14.3	21.2
Cash contributions.....	248,127	2.6	4.1	5.9	5.9	6.6	7.4	9.3	10.3	16.0	31.9
Personal insurance and pensions.....	958,921	.9	1.0	2.1	3.5	6.4	7.2	10.4	13.2	20.1	35.2
Life and other personal insurance.....	61,099	2.8	4.6	5.6	7.3	7.0	7.0	9.3	12.0	15.5	28.9
Pensions and Social Security.....	897,823	.8	.8	1.9	3.3	6.3	7.2	10.5	13.2	20.5	35.6
Sources of income and personal taxes:											
Money income before taxes.....	\$10,335,717	.7	2.1	3.3	4.6	6.1	7.9	10.1	12.9	17.7	34.6
Wages and salaries.....	8,090,941	.3	.8	2.0	3.4	5.4	7.7	10.5	14.0	19.2	36.7
Self-employment income.....	687,710	(¹)	.7	1.4	2.2	3.3	5.1	7.0	8.7	16.4	55.3
Social Security, private and government retirement.....	1,138,817	2.4	10.9	13.2	14.2	12.7	11.1	9.8	9.0	9.1	7.6
Interest, dividends, rental income, other property income.....	255,147	.4	.9	2.7	3.3	4.6	6.4	6.0	9.3	15.9	50.4
Public assistance, Supplemental Security Income, Supplementary Nutrition Assistance Program (SNAP).....	59,199	24.5	23.2	15.0	13.3	8.3	5.8	3.6	2.9	2.0	³ 1.4
Unemployment and workers' compensation, veterans' benefits, and regular contributions for support.....	62,650	3.8	8.0	6.8	8.2	8.2	9.7	16.2	11.0	16.2	11.9
Other income.....	41,253	16.6	13.1	11.5	5.5	6.6	10.0	7.6	8.0	8.7	12.3
Personal taxes (contains some imputed values).....	1,497,670	-2	-5	-3	.3	2.0	4.5	7.2	11.3	18.8	56.9
Federal income taxes.....	1,187,149	-2	-6	-4	(¹)	1.7	4.2	6.8	10.8	18.8	58.9
State and local income taxes.....	300,289	-3	-3	.4	1.4	3.0	5.5	8.5	12.2	19.4	50.3
Other taxes.....	10,232	2.0	4.3	4.1	3.7	4.9	6.0	7.2	38.8	8.9	20.2
Income after taxes.....	8,838,047	.9	2.6	4.0	5.3	6.8	8.4	10.6	13.2	17.5	30.8

¹ Value is too small to display.

² No data reported.

³ Data are likely to have large sampling errors.