

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018

Item	All consumer units	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)	130,798	13,095	13,173	13,019	13,027	13,178	13,037	13,042	13,084	13,083	13,058
Lower limit	n.a.	n.a.	\$12,187	\$21,089	\$30,333	\$40,495	\$53,087	\$68,677	\$87,264	\$112,721	\$162,451
Consumer unit characteristics:											
Income before taxes											
Mean	\$76,335	\$5,881	\$16,757	\$25,772	\$35,313	\$46,569	\$60,648	\$77,572	\$99,181	\$133,916	\$262,297
SE	1,196.04	196.75	165.27	154.81	222.51	309.79	425.44	475.90	614.38	831.73	6,455.73
CV(%)	1.57	3.35	.99	.60	.63	.67	.70	.61	.62	.62	2.46
Income after taxes											
Mean	65,623	6,144	17,439	26,288	35,170	44,672	55,813	69,872	87,450	113,797	200,032
SE	859.21	203.78	179.60	221.80	231.68	314.03	437.17	496.08	641.05	812.98	4,039.05
CV(%)	1.31	3.32	1.03	.84	.66	.70	.78	.71	.73	.71	2.02
Age of reference person	51.0	48.6	59.1	56.4	52.9	51.3	48.3	48.0	47.7	48.4	49.7
Average number in consumer unit:											
People	2.5	1.6	1.7	2.0	2.3	2.4	2.5	2.8	3.0	3.1	3.1
Children under 18 .....	.6	.3	.3	.4	.5	.6	.6	.7	.8	.8	.8
Adults 65 and older .....	.4	.3	.6	.6	.6	.5	.4	.3	.3	.2	.2
Earners	1.3	.5	.5	.7	1.0	1.2	1.5	1.7	1.9	2.0	2.1
Vehicles	1.9	.9	1.1	1.5	1.7	1.9	2.0	2.2	2.4	2.7	2.8
Percent distribution:											
Reference person:											
Men	47	39	35	42	43	46	50	50	52	55	60
Women	53	61	65	58	57	54	50	50	48	45	40
Housing tenure:											
Homeowner	63	32	48	55	58	61	61	67	76	84	89
With mortgage	37	10	12	16	23	33	37	46	57	64	71
Without mortgage	26	22	35	39	35	28	24	21	20	20	19
Renter	37	68	52	45	42	39	39	33	24	16	11
Race of reference person:											
Black or African-American	13	21	19	15	15	13	12	13	9	8	7
White, Asian, and all other races	87	79	81	85	85	87	88	87	91	92	93
Hispanic or Latino origin of reference person:											
Hispanic or Latino	14	16	13	15	16	15	17	14	13	9	7
Not Hispanic or Latino	86	84	87	85	84	85	83	86	87	91	93
Education of reference person:											
Elementary (1-8)	3	5	6	4	4	3	3	3	1	1	(¹)
High school (9-12)	29	41	49	42	37	32	27	24	19	15	8
College	67	53	45	54	58	64	70	73	79	84	92
Never attended and other	(¹)	1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(²)
At least one vehicle owned or leased	88	58	73	86	92	94	94	96	95	97	97
Average annual expenditures											
Mean	\$60,815	\$24,951	\$27,068	\$36,974	\$43,455	\$47,900	\$54,417	\$63,282	\$73,714	\$93,635	\$142,948
SE	687.55	801.56	687.04	740.88	986.07	796.08	1,071.64	842.35	1,008.31	1,426.19	2,839.97
CV(%)	1.13	3.21	2.54	2.00	2.27	1.66	1.97	1.33	1.37	1.52	1.99
Food											
Mean	7,869	3,853	4,054	5,657	6,143	6,676	7,324	8,658	10,002	11,523	14,782
Share	12.9	15.4	15.0	15.3	14.1	13.9	13.5	13.7	13.6	12.3	10.3
SE	100.56	168.65	130.05	201.55	183.77	175.18	247.87	232.99	382.75	232.49	387.26
CV(%)	1.28	4.38	3.21	3.56	2.99	2.62	3.38	2.69	3.83	2.02	2.62
Food at home											
Mean	4,445	2,410	2,695	3,701	3,661	3,888	4,276	4,809	5,553	6,330	7,122
Share	7.3	9.7	10.0	10.0	8.4	8.1	7.9	7.6	7.5	6.8	5.0
SE	53.24	114.97	103.41	133.83	107.79	110.64	183.78	147.63	261.18	163.29	195.15
CV(%)	1.20	4.77	3.84	3.62	2.94	2.85	4.30	3.07	4.70	2.58	2.74
Cereals and bakery products											
Mean	565	299	367	476	486	481	564	621	680	823	852
Share .....	.9	1.2	1.4	1.3	1.1	1.0	1.0	1.0	.9	.9	.6
SE	9.22	16.20	18.54	20.89	19.66	19.10	30.08	21.85	41.51	24.96	34.85
CV(%)	1.63	5.41	5.05	4.39	4.04	3.97	5.33	3.52	6.11	3.03	4.09
Cereals and cereal products											
Mean	177	91	113	148	157	138	166	188	226	274	268

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Cereals and cereal products											
Share.....	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2
SE.....	3.57	6.53	7.31	9.10	8.01	8.37	10.79	9.38	17.56	9.62	16.39
CV(%).....	2.01	7.15	6.45	6.16	5.09	6.08	6.48	5.00	7.77	3.51	6.11
Bakery products											
Mean.....	388	208	253	328	329	343	398	434	454	549	584
Share.....	.6	.8	.9	.9	.8	.7	.7	.7	.6	.6	.4
SE.....	7.12	12.70	13.51	16.98	17.39	15.01	22.94	17.00	27.30	22.68	25.50
CV(%).....	1.83	6.10	5.33	5.18	5.29	4.37	5.77	3.92	6.02	4.13	4.37
Meats, poultry, fish, and eggs											
Mean.....	954	540	581	813	790	852	940	992	1,244	1,289	1,501
Share.....	1.6	2.2	2.1	2.2	1.8	1.8	1.7	1.6	1.7	1.4	1.1
SE.....	13.89	57.94	32.52	41.46	43.17	36.83	51.44	49.54	84.29	43.97	67.97
CV(%).....	1.46	10.73	5.59	5.10	5.46	4.32	5.47	4.99	6.78	3.41	4.53
Beef											
Mean.....	259	156	161	212	212	239	275	284	337	346	365
Share.....	.4	.6	.6	.6	.5	.5	.5	.4	.5	.4	.3
SE.....	7.46	36.08	18.64	17.40	15.20	18.15	24.63	22.66	40.51	22.38	22.27
CV(%).....	2.88	23.18	11.56	8.23	7.16	7.60	8.96	7.99	12.01	6.47	6.10
Pork											
Mean.....	181	104	121	161	156	147	177	202	206	269	265
Share.....	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2
SE.....	4.95	12.57	8.86	18.51	10.81	13.00	12.04	15.18	15.74	18.08	28.89
CV(%).....	2.74	12.14	7.31	11.51	6.94	8.85	6.82	7.52	7.65	6.73	10.89
Other meats											
Mean.....	130	62	67	109	114	120	131	134	195	169	196
Share.....	.2	.2	.2	.3	.3	.2	.2	.2	.3	.2	.1
SE.....	4.33	8.77	5.78	11.13	13.65	9.08	11.15	10.28	30.71	10.09	10.71
CV(%).....	3.34	14.12	8.66	10.20	11.97	7.60	8.51	7.68	15.74	5.96	5.47
Poultry											
Mean.....	181	108	114	172	137	165	175	183	231	246	278
Share.....	.3	.4	.4	.5	.3	.3	.3	.3	.3	.3	.2
SE.....	3.63	9.63	11.05	9.25	10.08	11.66	11.76	12.07	18.89	13.96	16.35
CV(%).....	2.00	8.96	9.67	5.38	7.35	7.06	6.73	6.59	8.16	5.68	5.89
Fish and seafood											
Mean.....	144	76	79	110	122	128	125	127	200	173	299
Share.....	.2	.3	.3	.3	.3	.3	.2	.2	.3	.2	.2
SE.....	4.53	12.69	9.17	10.58	12.23	12.28	13.46	10.30	20.89	14.17	24.55
CV(%).....	3.15	16.74	11.64	9.63	10.02	9.57	10.81	8.10	10.42	8.17	8.20
Eggs											
Mean.....	60	36	39	49	49	53	58	62	74	86	98
Share.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SE.....	1.23	3.79	3.25	3.13	4.32	4.02	4.05	3.54	5.76	6.36	4.84
CV(%).....	2.03	10.67	8.30	6.35	8.85	7.56	6.96	5.69	7.80	7.38	4.94
Dairy products											
Mean.....	453	236	279	351	371	396	427	513	556	668	735
Share.....	.7	.9	1.0	.9	.9	.8	.8	.8	.8	.7	.5
SE.....	7.81	13.15	13.96	15.60	14.70	15.28	19.89	21.52	24.69	30.40	27.37
CV(%).....	1.72	5.57	5.01	4.45	3.97	3.86	4.66	4.19	4.44	4.55	3.72
Fresh milk and cream											
Mean.....	149	88	97	130	129	131	148	156	173	203	234
Share.....	.2	.4	.4	.4	.3	.3	.3	.2	.2	.2	.2
SE.....	3.06	7.71	5.71	8.85	7.73	5.24	7.47	8.52	10.73	9.56	10.17
CV(%).....	2.05	8.77	5.87	6.82	6.00	3.99	5.04	5.47	6.19	4.70	4.34
Other dairy products											
Mean.....	304	148	181	221	242	265	278	357	382	465	501
Share.....	.5	.6	.7	.6	.6	.6	.5	.6	.5	.5	.4
SE.....	5.83	8.13	11.76	10.10	11.00	14.15	14.93	15.36	17.30	22.82	20.03
CV(%).....	1.92	5.49	6.48	4.57	4.55	5.34	5.36	4.30	4.52	4.91	4.00
Fruits and vegetables											
Mean.....	857	434	531	708	646	736	822	927	1,080	1,243	1,445
Share.....	1.4	1.7	2.0	1.9	1.5	1.5	1.5	1.5	1.5	1.3	1.0
SE.....	14.82	26.03	25.74	28.21	22.24	33.51	45.42	36.12	69.97	36.99	48.54
CV(%).....	1.73	6.00	4.85	3.98	3.44	4.55	5.53	3.90	6.48	2.97	3.36
Fresh fruits											
Mean.....	319	167	196	265	225	265	301	325	424	473	551
Share.....	.5	.7	.7	.7	.5	.6	.6	.5	.6	.5	.4
SE.....	6.44	13.83	11.08	13.22	10.53	14.28	18.34	17.97	31.77	21.21	23.38
CV(%).....	2.02	8.31	5.65	4.99	4.68	5.38	6.10	5.52	7.49	4.48	4.24
Fresh vegetables											
Mean.....	282	147	165	222	211	245	265	310	352	401	499
Share.....	.5	.6	.6	.6	.5	.5	.5	.5	.5	.4	.3
SE.....	6.35	11.52	12.28	12.93	12.23	17.03	19.77	14.98	27.13	12.24	20.89

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Fresh vegetables											
CV(%).....	2.25	7.85	7.42	5.82	5.79	6.96	7.46	4.83	7.70	3.06	4.19
Processed fruits											
Mean.....	114	50	76	98	87	97	112	135	145	156	187
Share.....	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1
SE.....	2.98	3.97	4.84	6.46	4.75	6.77	10.80	8.78	10.97	8.23	12.76
CV(%).....	2.61	7.95	6.34	6.61	5.44	6.96	9.63	6.49	7.54	5.27	6.84
Processed vegetables											
Mean.....	142	70	93	123	122	129	144	155	159	214	208
Share.....	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2	.1
SE.....	3.11	4.52	6.96	8.63	6.50	6.99	10.45	9.48	10.97	12.75	10.66
CV(%).....	2.19	6.42	7.47	7.02	5.31	5.43	7.26	6.10	6.91	5.97	5.13
Other food at home											
Mean.....	1,615	901	937	1,354	1,369	1,423	1,524	1,756	1,993	2,306	2,589
Share.....	2.7	3.6	3.5	3.7	3.1	3.0	2.8	2.8	2.7	2.5	1.8
SE.....	20.84	39.96	45.09	63.98	55.70	45.98	67.50	59.39	88.63	78.62	77.75
CV(%).....	1.29	4.44	4.81	4.72	4.07	3.23	4.43	3.38	4.45	3.41	3.00
Sugar and other sweets											
Mean.....	153	77	96	123	153	132	134	160	181	224	246
Share.....	.3	.3	.4	.3	.4	.3	.2	.3	.2	.2	.2
SE.....	3.41	7.06	10.96	10.05	12.43	9.77	8.91	11.79	12.14	17.14	12.77
CV(%).....	2.23	9.13	11.42	8.20	8.11	7.42	6.67	7.35	6.69	7.65	5.18
Fats and oils											
Mean.....	121	68	75	113	105	111	111	125	157	173	173
Share.....	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1
SE.....	2.70	5.47	5.52	8.03	7.05	6.60	8.10	6.25	11.89	9.05	10.62
CV(%).....	2.23	8.03	7.36	7.08	6.72	5.93	7.32	5.02	7.56	5.22	6.15
Miscellaneous foods											
Mean.....	854	467	474	707	693	751	838	938	1,070	1,225	1,376
Share.....	1.4	1.9	1.8	1.9	1.6	1.6	1.5	1.5	1.5	1.3	1.0
SE.....	13.45	28.42	24.32	37.37	36.41	30.89	38.01	37.99	57.29	53.61	56.41
CV(%).....	1.58	6.09	5.13	5.29	5.25	4.11	4.54	4.05	5.36	4.38	4.10
Nonalcoholic beverages											
Mean.....	431	270	272	381	370	388	399	482	512	591	642
Share.....	.7	1.1	1.0	1.0	.9	.8	.7	.8	.7	.6	.4
SE.....	7.79	13.88	19.45	22.60	16.28	18.01	27.67	27.37	26.26	26.63	26.80
CV(%).....	1.81	5.13	7.16	5.92	4.40	4.64	6.93	5.67	5.12	4.50	4.17
Food prepared by consumer unit on out-of-town trips											
Mean.....	57	18	20	30	47	41	42	50	73	92	152
Share.....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SE.....	2.96	4.99	4.59	5.79	7.00	6.05	4.59	5.98	6.14	7.91	12.97
CV(%).....	5.23	28.22	22.68	19.19	14.83	14.66	10.83	11.93	8.46	8.59	8.53
Food away from home											
Mean.....	3,424	1,444	1,359	1,956	2,482	2,788	3,048	3,849	4,449	5,194	7,660
Share.....	5.6	5.8	5.0	5.3	5.7	5.8	5.6	6.1	6.0	5.5	5.4
SE.....	73.59	119.16	59.67	123.67	129.75	117.38	143.58	167.60	229.65	176.24	267.82
CV(%).....	2.15	8.25	4.39	6.32	5.23	4.21	4.71	4.35	5.16	3.39	3.50
Alcoholic beverages											
Mean.....	574	167	167	277	382	404	493	578	781	890	1,602
Share.....	.9	.7	.6	.7	.9	.8	.9	.9	1.1	1.0	1.1
SE.....	19.50	45.70	24.75	36.38	59.23	44.56	59.40	47.28	61.04	63.34	120.78
CV(%).....	3.39	27.30	14.86	13.13	15.49	11.02	12.06	8.18	7.81	7.12	7.54
Housing											
Mean.....	20,001	9,910	10,823	13,527	14,740	16,748	18,820	21,317	23,365	28,127	42,704
Share.....	32.9	39.7	40.0	36.6	33.9	35.0	34.6	33.7	31.7	30.0	29.9
SE.....	251.21	311.66	239.68	319.31	287.33	282.61	256.96	477.05	410.74	656.23	890.51
CV(%).....	1.26	3.14	2.21	2.36	1.95	1.69	1.37	2.24	1.76	2.33	2.09
Shelter											
Mean.....	11,807	6,083	6,400	7,843	8,361	9,720	11,096	12,478	13,761	16,532	25,851
Share.....	19.4	24.4	23.6	21.2	19.2	20.3	20.4	19.7	18.7	17.7	18.1
SE.....	179.52	187.02	234.81	232.12	233.81	216.23	177.35	324.65	306.24	502.55	681.09
CV(%).....	1.52	3.07	3.67	2.96	2.80	2.22	1.60	2.60	2.23	3.04	2.63
Owned dwellings											
Mean.....	6,850	1,832	2,068	3,023	3,646	4,763	5,450	6,811	8,952	12,007	19,985
Share.....	11.3	7.3	7.6	8.2	8.4	9.9	10.0	10.8	12.1	12.8	14.0
SE.....	125.93	131.05	138.29	155.12	147.72	145.57	172.13	241.17	331.91	539.14	675.44
CV(%).....	1.84	7.15	6.69	5.13	4.05	3.06	3.16	3.54	3.71	4.49	3.38
Mortgage interest and charges											
Mean.....	3,090	551	581	874	1,220	1,884	2,392	3,240	4,465	5,916	9,799
Share.....	5.1	2.2	2.1	2.4	2.8	3.9	4.4	5.1	6.1	6.3	6.9

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

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Mortgage interest and charges											
SE.....	73.20	69.76	60.81	76.36	82.32	76.87	112.94	139.50	166.09	232.62	405.90
CV(%).....	2.37	12.66	10.46	8.74	6.75	4.08	4.72	4.31	3.72	3.93	4.14
Property taxes											
Mean.....	2,133	697	786	1,145	1,286	1,529	1,660	2,010	2,576	3,425	6,226
Share.....	3.5	2.8	2.9	3.1	3.0	3.2	3.1	3.2	3.5	3.7	4.4
SE.....	48.64	55.96	54.27	60.33	59.96	55.74	79.59	77.46	96.92	96.40	286.45
CV(%).....	2.28	8.03	6.91	5.27	4.66	3.65	4.80	3.85	3.76	2.81	4.60
Maintenance, repairs, insurance, other expenses											
Mean.....	1,627	584	701	1,005	1,141	1,350	1,398	1,560	1,910	2,665	3,961
Share.....	2.7	2.3	2.6	2.7	2.6	2.8	2.6	2.5	2.6	2.8	2.8
SE.....	57.30	62.08	70.60	89.10	72.86	95.15	121.76	114.17	185.36	450.83	264.19
CV(%).....	3.52	10.63	10.07	8.87	6.39	7.05	8.71	7.32	9.70	16.91	6.67
Rented dwellings											
Mean.....	4,188	4,062	4,150	4,520	4,291	4,470	5,104	4,975	3,930	3,261	3,119
Share.....	6.9	16.3	15.3	12.2	9.9	9.3	9.4	7.9	5.3	3.5	2.2
SE.....	70.58	170.84	185.22	212.03	199.29	178.39	199.31	269.85	206.65	263.99	376.22
CV(%).....	1.69	4.21	4.46	4.69	4.64	3.99	3.91	5.42	5.26	8.10	12.06
Other lodging											
Mean.....	770	189	182	299	424	487	542	692	879	1,265	2,747
Share.....	1.3	.8	.7	.8	1.0	1.0	1.0	1.1	1.2	1.4	1.9
SE.....	34.17	22.88	32.84	30.58	40.29	51.55	59.26	94.60	85.56	81.14	167.32
CV(%).....	4.44	12.10	18.08	10.23	9.50	10.59	10.93	13.66	9.73	6.42	6.09
Utilities, fuels, and public services											
Mean.....	3,956	2,132	2,630	3,162	3,539	3,791	3,978	4,327	4,738	5,167	6,114
Share.....	6.5	8.5	9.7	8.6	8.1	7.9	7.3	6.8	6.4	5.5	4.3
SE.....	42.86	82.54	62.46	57.24	58.98	54.44	63.59	64.88	80.41	75.27	120.60
CV(%).....	1.08	3.87	2.38	1.81	1.67	1.44	1.60	1.50	1.70	1.46	1.97
Natural gas											
Mean.....	406	228	258	305	336	390	384	423	478	580	684
Share.....	.7	.9	1.0	.8	.8	.8	.7	.7	.6	.6	.5
SE.....	10.92	14.62	16.26	18.29	18.00	16.62	19.03	23.62	21.98	17.78	26.18
CV(%).....	2.69	6.42	6.31	6.00	5.36	4.27	4.95	5.59	4.60	3.07	3.83
Electricity											
Mean.....	1,462	935	1,120	1,312	1,413	1,446	1,448	1,559	1,630	1,675	2,085
Share.....	2.4	3.7	4.1	3.5	3.3	3.0	2.7	2.5	2.2	1.8	1.5
SE.....	16.97	39.35	28.51	32.19	28.41	22.46	26.36	30.03	31.91	38.31	47.44
CV(%).....	1.16	4.21	2.55	2.45	2.01	1.55	1.82	1.93	1.96	2.29	2.27
Fuel oil and other fuels											
Mean.....	112	54	93	122	71	104	99	84	106	172	220
Share.....	.2	.2	.3	.3	.2	.2	.2	.1	.1	.2	.2
SE.....	10.43	11.61	16.94	16.25	9.94	10.26	16.64	8.19	16.01	25.30	44.40
CV(%).....	9.27	21.55	18.26	13.28	13.98	9.86	16.85	9.73	15.06	14.75	20.20
Telephone services											
Mean.....	1,382	632	788	966	1,180	1,278	1,451	1,597	1,794	1,942	2,195
Share.....	2.3	2.5	2.9	2.6	2.7	2.7	2.7	2.5	2.4	2.1	1.5
SE.....	18.60	24.77	27.08	22.27	22.09	23.99	32.05	35.89	40.97	37.08	43.64
CV(%).....	1.35	3.92	3.44	2.30	1.87	1.88	2.21	2.25	2.28	1.91	1.99
Residential phone service, VOIP, and phone cards											
Mean.....	231	158	241	241	246	233	204	203	239	247	297
Share.....	.4	.6	.9	.7	.6	.5	.4	.3	.3	.3	.2
SE.....	6.20	14.18	11.22	10.23	12.97	10.22	10.40	12.01	11.10	11.57	14.52
CV(%).....	2.69	8.98	4.65	4.24	5.26	4.39	5.11	5.93	4.64	4.68	4.89
Cellular phone service											
Mean.....	1,151	474	546	725	934	1,045	1,247	1,394	1,555	1,695	1,898
Share.....	1.9	1.9	2.0	2.0	2.1	2.2	2.3	2.2	2.1	1.8	1.3
SE.....	18.03	27.09	24.79	21.25	25.88	24.29	32.37	32.56	40.93	34.16	40.32
CV(%).....	1.57	5.71	4.54	2.93	2.77	2.32	2.60	2.34	2.63	2.01	2.12
Water and other public services											
Mean.....	594	284	372	456	539	573	596	664	730	798	930
Share.....	1.0	1.1	1.4	1.2	1.2	1.2	1.1	1.0	1.0	.9	.7
SE.....	14.15	19.94	17.27	16.23	25.73	23.13	22.55	23.11	24.24	27.39	28.16
CV(%).....	2.38	7.02	4.65	3.56	4.77	4.04	3.78	3.48	3.32	3.43	3.03
Household operations											
Mean.....	1,490	489	624	822	935	978	1,189	1,414	1,674	2,297	4,483
Share.....	2.4	2.0	2.3	2.2	2.2	2.0	2.2	2.2	2.3	2.5	3.1
SE.....	37.42	34.10	37.81	47.65	34.54	44.24	75.04	60.57	86.76	92.61	245.43
CV(%).....	2.51	6.97	6.06	5.80	3.70	4.52	6.31	4.28	5.18	4.03	5.47
Personal services											
Mean.....	463	59	123	90	141	169	305	445	568	884	1,847
Share.....	.8	.2	.5	.2	.3	.4	.6	.7	.8	.9	1.3

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Personal services											
SE.....	29.09	18.80	26.84	28.66	24.20	34.98	68.45	55.33	79.68	90.98	169.36
CV(%).....	6.28	31.81	21.86	31.68	17.12	20.73	22.41	12.44	14.02	10.29	9.17
Other household expenses											
Mean.....	1,027	430	501	731	793	810	883	970	1,105	1,413	2,637
Share.....	1.7	1.7	1.9	2.0	1.8	1.7	1.6	1.5	1.5	1.5	1.8
SE.....	21.82	27.10	24.93	35.58	30.02	26.02	30.73	26.70	38.90	36.78	130.73
CV(%).....	2.13	6.30	4.97	4.87	3.78	3.21	3.48	2.75	3.52	2.60	4.96
Housekeeping supplies											
Mean.....	750	465	456	540	665	658	794	759	838	996	1,325
Share.....	1.2	1.9	1.7	1.5	1.5	1.4	1.5	1.2	1.1	1.1	.9
SE.....	26.76	111.41	31.20	52.61	52.52	47.99	122.12	53.61	55.36	57.27	77.23
CV(%).....	3.57	23.96	6.84	9.75	7.89	7.29	15.37	7.07	6.60	5.75	5.83
Laundry and cleaning supplies											
Mean.....	174	96	124	160	179	164	159	182	197	217	265
Share.....	.3	.4	.5	.4	.4	.3	.3	.3	.3	.2	.2
SE.....	4.96	8.41	14.77	20.26	17.80	14.88	19.51	14.29	13.83	19.23	20.30
CV(%).....	2.84	8.76	11.87	12.69	9.95	9.07	12.29	7.83	7.03	8.85	7.65
Other household products											
Mean.....	441	311	248	257	369	401	504	430	501	582	803
Share.....	.7	1.2	.9	.7	.8	.8	.9	.7	.7	.6	.6
SE.....	21.91	110.45	18.36	26.24	43.79	37.89	114.93	39.26	49.78	42.15	60.11
CV(%).....	4.97	35.52	7.42	10.23	11.88	9.46	22.82	9.12	9.93	7.24	7.49
Postage and stationery											
Mean.....	135	58	84	124	118	93	132	146	140	196	256
Share.....	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2
SE.....	6.85	11.15	14.74	19.16	16.64	9.11	35.89	20.55	13.36	25.23	29.19
CV(%).....	5.08	19.20	17.61	15.50	14.12	9.77	27.15	14.10	9.52	12.87	11.40
Household furnishings and equipment											
Mean.....	1,998	740	714	1,161	1,240	1,602	1,763	2,339	2,354	3,136	4,932
Share.....	3.3	3.0	2.6	3.1	2.9	3.3	3.2	3.7	3.2	3.3	3.5
SE.....	62.42	91.65	46.23	97.72	84.51	120.49	110.48	254.27	177.68	221.92	315.95
CV(%).....	3.12	12.38	6.47	8.42	6.82	7.52	6.27	10.87	7.55	7.08	6.41
Household textiles											
Mean.....	107	50	43	96	72	75	139	117	93	198	189
Share.....	.2	.2	.2	.3	.2	.2	.3	.2	.1	.2	.1
SE.....	8.33	16.13	7.98	20.31	13.67	11.22	43.12	19.65	14.35	38.29	34.31
CV(%).....	7.77	32.27	18.77	21.17	19.09	14.90	31.01	16.75	15.49	19.34	18.14
Furniture											
Mean.....	518	190	158	307	309	361	455	530	597	864	1,408
Share.....	.9	.8	.6	.8	.7	.8	.8	.8	.8	.9	1.0
SE.....	24.54	33.02	24.51	54.68	40.08	37.49	47.45	60.75	58.99	106.76	115.95
CV(%).....	4.74	17.37	15.48	17.79	12.97	10.37	10.42	11.46	9.88	12.35	8.24
Floor coverings											
Mean.....	30	13	8	8	13	11	16	19	31	33	149
Share.....	(¹)	.1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	.1
SE.....	7.42	5.85	2.34	1.66	5.09	2.14	4.24	4.22	7.71	4.62	75.49
CV(%).....	24.75	45.85	30.13	20.14	38.18	18.68	26.86	22.51	25.21	13.99	50.80
Major appliances											
Mean.....	289	88	124	164	177	245	291	340	339	404	725
Share.....	.5	.4	.5	.4	.4	.5	.5	.5	.5	.4	.5
SE.....	15.83	14.11	11.65	19.40	23.67	21.94	35.47	25.66	38.73	44.77	112.03
CV(%).....	5.47	16.10	9.41	11.83	13.39	8.95	12.19	7.54	11.44	11.08	15.45
Small appliances, miscellaneous housewares											
Mean.....	121	50	63	100	82	87	120	152	149	168	233
Share.....	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2
SE.....	5.02	6.76	9.31	13.87	10.67	10.97	14.73	14.87	15.01	25.78	26.72
CV(%).....	4.16	13.50	14.70	13.85	12.99	12.56	12.25	9.80	10.08	15.32	11.47
Miscellaneous household equipment											
Mean.....	933	350	318	485	587	821	741	1,180	1,146	1,469	2,228
Share.....	1.5	1.4	1.2	1.3	1.4	1.7	1.4	1.9	1.6	1.6	1.6
SE.....	43.95	78.43	39.06	49.23	63.87	109.32	67.77	244.03	143.27	133.09	237.84
CV(%).....	4.71	22.42	12.27	10.15	10.89	13.31	9.14	20.67	12.50	9.06	10.67
Apparel and services											
Mean.....	1,850	840	802	1,230	1,428	1,187	1,485	1,912	2,180	2,827	4,609
Share.....	3.0	3.4	3.0	3.3	3.3	2.5	2.7	3.0	3.0	3.0	3.2
SE.....	52.02	81.62	86.19	115.94	119.09	77.34	141.70	114.74	137.75	199.87	369.51
CV(%).....	2.81	9.72	10.75	9.42	8.34	6.52	9.54	6.00	6.32	7.07	8.02
Men and boys											
Mean.....	442	211	155	224	371	275	377	496	495	594	1,217
Share.....	.7	.8	.6	.6	.9	.6	.7	.8	.7	.6	.9

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Men and boys											
SE.....	18.42	45.78	25.08	35.30	50.11	28.65	49.55	42.88	50.45	56.15	123.60
CV(%).....	4.17	21.70	16.20	15.77	13.51	10.43	13.16	8.64	10.19	9.44	10.16
Men, 16 and over											
Mean.....	345	164	91	161	287	210	299	409	382	431	1,017
Share.....	.6	.7	.3	.4	.7	.4	.6	.6	.5	.5	.7
SE.....	17.04	42.34	16.40	33.27	45.57	26.52	43.34	39.20	45.61	43.71	119.01
CV(%).....	4.94	25.78	18.07	20.65	15.89	12.65	14.48	9.58	11.93	10.13	11.71
Boys, 2 to 15											
Mean.....	96	47	64	63	84	65	77	87	113	163	200
Share.....	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.1
SE.....	4.36	11.92	15.70	13.94	12.61	7.88	15.35	13.66	13.97	24.46	25.37
CV(%).....	4.52	25.48	24.50	22.26	14.98	12.14	19.86	15.67	12.40	15.01	12.67
Women and girls											
Mean.....	698	286	338	464	564	438	523	715	785	1,141	1,718
Share.....	1.1	1.1	1.2	1.3	1.3	.9	1.0	1.1	1.1	1.2	1.2
SE.....	24.73	42.49	42.90	53.29	55.45	36.32	78.74	56.04	59.43	106.44	177.20
CV(%).....	3.54	14.84	12.69	11.48	9.82	8.30	15.05	7.83	7.57	9.33	10.31
Women, 16 and over											
Mean.....	578	260	280	385	492	355	455	606	617	925	1,401
Share.....	1.0	1.0	1.0	1.0	1.1	.7	.8	1.0	.8	1.0	1.0
SE.....	22.35	42.33	41.39	51.39	55.40	36.53	78.31	59.03	53.29	100.15	160.30
CV(%).....	3.87	16.26	14.80	13.33	11.25	10.30	17.22	9.74	8.63	10.83	11.44
Girls, 2 to 15											
Mean.....	120	26	58	79	72	83	68	109	168	217	317
Share.....	.2	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2
SE.....	7.16	4.91	20.42	12.16	10.04	11.55	11.13	21.70	26.99	29.01	48.09
CV(%).....	5.98	18.88	34.91	15.44	13.92	13.94	16.32	19.87	16.10	13.40	15.15
Children under 2											
Mean.....	81	30	35	49	58	75	50	121	138	86	166
Share.....	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1
SE.....	8.16	10.29	13.26	19.72	14.08	18.70	14.14	29.16	25.30	17.84	40.28
CV(%).....	10.08	33.83	37.89	39.89	24.10	24.97	28.45	24.01	18.34	20.74	24.31
Footwear											
Mean.....	387	175	164	351	300	187	376	387	490	658	777
Share.....	.6	.7	.6	.9	.7	.4	.7	.6	.7	.7	.5
SE.....	15.11	28.65	33.28	65.77	57.74	21.28	60.75	61.33	58.03	68.40	97.99
CV(%).....	3.91	16.38	20.28	18.75	19.25	11.36	16.16	15.85	11.84	10.39	12.61
Other apparel products and services											
Mean.....	244	137	110	142	135	212	160	192	272	347	732
Share.....	.4	.5	.4	.4	.3	.4	.3	.3	.4	.4	.5
SE.....	15.61	22.93	10.43	17.93	11.51	54.24	14.80	23.38	36.11	52.56	101.85
CV(%).....	6.41	16.75	9.51	12.62	8.55	25.58	9.28	12.17	13.29	15.16	13.92
Transportation											
Mean.....	9,735	3,226	3,805	5,798	7,694	7,957	9,748	9,922	12,112	16,114	21,019
Share.....	16.0	12.9	14.1	15.7	17.7	16.6	17.9	15.7	16.4	17.2	14.7
SE.....	186.43	278.44	254.88	375.95	484.33	432.06	545.96	386.98	576.01	688.25	823.12
CV(%).....	1.92	8.63	6.70	6.48	6.30	5.43	5.60	3.90	4.76	4.27	3.92
Vehicle purchases (net outlay)											
Mean.....	4,134	1,036	1,247	2,124	3,237	3,168	4,188	3,866	5,160	7,818	9,517
Share.....	6.8	4.2	4.6	5.7	7.5	6.6	7.7	6.1	7.0	8.3	6.7
SE.....	148.87	250.05	193.23	334.44	455.16	386.40	526.98	369.92	478.17	679.75	678.85
CV(%).....	3.60	24.13	15.49	15.75	14.06	12.20	12.58	9.57	9.27	8.69	7.13
Cars and trucks, new											
Mean.....	1,985	459	416	1,135	1,846	1,148	1,853	1,393	2,288	4,245	5,084
Share.....	3.3	1.8	1.5	3.1	4.2	2.4	3.4	2.2	3.1	4.5	3.6
SE.....	105.56	167.10	150.48	266.56	391.93	195.88	401.88	294.76	381.98	553.45	525.59
CV(%).....	5.32	36.39	36.16	23.48	21.24	17.06	21.68	21.16	16.69	13.04	10.34
Cars and trucks, used											
Mean.....	2,068	577	805	976	1,329	1,908	2,293	2,391	2,701	3,478	4,227
Share.....	3.4	2.3	3.0	2.6	3.1	4.0	4.2	3.8	3.7	3.7	3.0
SE.....	110.39	158.88	118.79	159.57	245.46	306.03	351.75	263.33	368.68	415.70	477.94
CV(%).....	5.34	27.54	14.76	16.36	18.47	16.04	15.34	11.01	13.65	11.95	11.31
Other vehicles											
Mean.....	81	(¹)	26	13	63	111	41	83	171	96	207
Share.....	.1	(¹)	.1	(¹)	.1	.2	.1	.1	.2	.1	.1
SE.....	13.30	.29	24.73	8.05	34.32	54.91	20.78	30.89	70.03	43.83	98.90
CV(%).....	16.40	99.31	93.93	60.77	54.49	49.52	50.62	37.37	40.98	45.73	47.84
Gasoline, other fuels, and motor oil											
Mean.....	2,055	892	973	1,419	1,698	1,936	2,130	2,391	2,716	3,124	3,275
Share.....	3.4	3.6	3.6	3.8	3.9	4.0	3.9	3.8	3.7	3.3	2.3
SE.....	26.31	38.59	32.11	37.73	41.38	39.25	66.55	49.25	61.37	84.48	63.60

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Gasoline, other fuels, and motor oil											
CV(%).....	1.28	4.33	3.30	2.66	2.44	2.03	3.12	2.06	2.26	2.70	1.94
Other vehicle expenses											
Mean.....	2,771	1,033	1,383	1,853	2,329	2,353	2,849	2,943	3,278	4,025	5,671
Share.....	4.6	4.1	5.1	5.0	5.4	4.9	5.2	4.7	4.4	4.3	4.0
SE.....	63.11	98.81	146.47	145.23	217.09	142.51	134.54	139.74	173.25	196.69	297.72
CV(%).....	2.28	9.57	10.59	7.84	9.32	6.06	4.72	4.75	5.29	4.89	5.25
Vehicle finance charges											
Mean.....	218	64	61	95	142	174	216	269	312	404	450
Share.....	.4	.3	.2	.3	.3	.4	.4	.4	.4	.4	.3
SE.....	6.20	13.44	5.79	8.16	9.96	12.66	11.65	13.62	16.08	18.25	27.32
CV(%).....	2.84	21.00	9.53	8.60	7.03	7.27	5.40	5.07	5.15	4.52	6.07
Maintenance and repairs											
Mean.....	892	351	408	698	704	759	863	1,006	1,009	1,382	1,743
Share.....	1.5	1.4	1.5	1.9	1.6	1.6	1.6	1.6	1.4	1.5	1.2
SE.....	20.60	34.46	30.41	86.32	40.20	33.54	49.47	44.23	38.15	76.59	75.29
CV(%).....	2.31	9.83	7.44	12.37	5.71	4.42	5.73	4.40	3.78	5.54	4.32
Vehicle insurance											
Mean.....	925	364	670	688	986	878	1,076	878	1,122	1,092	1,496
Share.....	1.5	1.5	2.5	1.9	2.3	1.8	2.0	1.4	1.5	1.2	1.0
SE.....	55.60	73.97	141.71	143.13	191.73	137.51	127.58	113.44	150.55	171.95	267.02
CV(%).....	6.01	20.34	21.14	20.80	19.45	15.66	11.86	12.93	13.42	15.75	17.85
Vehicle rental, leases, licenses, and other charges											
Mean.....	735	254	243	372	497	542	694	790	834	1,147	1,982
Share.....	1.2	1.0	.9	1.0	1.1	1.1	1.3	1.2	1.1	1.2	1.4
SE.....	24.03	35.83	23.12	55.04	52.99	37.70	49.51	54.83	67.74	72.57	120.72
CV(%).....	3.27	14.09	9.51	14.81	10.66	6.96	7.13	6.94	8.12	6.32	6.09
Public and other transportation											
Mean.....	776	265	202	403	429	500	581	722	959	1,147	2,555
Share.....	1.3	1.1	.7	1.1	1.0	1.0	1.1	1.1	1.3	1.2	1.8
SE.....	25.24	36.06	23.82	64.94	58.05	50.83	52.10	58.29	105.98	90.58	138.83
CV(%).....	3.25	13.59	11.82	16.12	13.53	10.17	8.97	8.07	11.05	7.90	5.43
Healthcare											
Mean.....	4,924	1,957	2,897	3,692	4,361	4,431	4,631	5,380	6,371	6,696	8,841
Share.....	8.1	7.8	10.7	10.0	10.0	9.3	8.5	8.5	8.6	7.2	6.2
SE.....	74.00	110.46	106.53	123.05	135.50	137.52	160.97	143.10	201.22	172.13	301.78
CV(%).....	1.50	5.65	3.68	3.33	3.11	3.10	3.48	2.66	3.16	2.57	3.41
Health insurance											
Mean.....	3,395	1,364	2,091	2,515	3,028	3,100	3,188	3,753	4,387	4,733	5,808
Share.....	5.6	5.5	7.7	6.8	7.0	6.5	5.9	5.9	6.0	5.1	4.1
SE.....	53.26	81.02	72.37	81.00	87.31	97.87	99.75	125.62	123.93	128.95	185.03
CV(%).....	1.57	5.94	3.46	3.22	2.88	3.16	3.13	3.35	2.83	2.72	3.19
Medical services											
Mean.....	873	280	362	566	670	698	763	918	1,229	1,256	1,994
Share.....	1.4	1.1	1.3	1.5	1.5	1.5	1.4	1.5	1.7	1.3	1.4
SE.....	28.95	37.11	51.83	59.16	49.94	51.99	55.81	66.96	103.37	92.72	162.95
CV(%).....	3.32	13.27	14.32	10.46	7.45	7.45	7.32	7.29	8.41	7.38	8.17
Drugs											
Mean.....	489	226	353	480	534	461	561	517	546	516	691
Share.....	.8	.9	1.3	1.3	1.2	1.0	1.0	.8	.7	.6	.5
SE.....	13.99	18.00	24.02	43.60	41.85	36.75	63.86	35.62	39.64	33.16	38.01
CV(%).....	2.86	7.95	6.80	9.08	7.84	7.98	11.39	6.89	7.26	6.43	5.50
Medical supplies											
Mean.....	167	86	90	131	130	173	120	191	210	191	348
Share.....	.3	.3	.3	.4	.3	.4	.2	.3	.3	.2	.2
SE.....	7.33	38.62	14.71	15.80	12.80	25.50	21.66	19.97	18.20	15.37	23.87
CV(%).....	4.39	44.80	16.26	12.04	9.87	14.75	18.10	10.46	8.68	8.02	6.85
Entertainment											
Mean.....	3,379	1,400	1,369	1,694	2,794	2,769	2,687	3,409	3,835	5,305	8,532
Share.....	5.6	5.6	5.1	4.6	6.4	5.8	4.9	5.4	5.2	5.7	6.0
SE.....	98.00	225.53	135.11	148.01	707.70	252.77	160.92	301.18	160.66	411.22	705.50
CV(%).....	2.90	16.11	9.87	8.74	25.33	9.13	5.99	8.83	4.19	7.75	8.27
Fees and admissions											
Mean.....	753	215	214	231	328	421	592	624	909	1,211	2,794
Share.....	1.2	.9	.8	.6	.8	.9	1.1	1.0	1.2	1.3	2.0
SE.....	33.54	33.23	48.46	19.12	31.03	37.01	46.62	39.43	72.41	77.28	160.63
CV(%).....	4.45	15.47	22.65	8.29	9.46	8.78	7.87	6.32	7.97	6.38	5.75
Audio and visual equipment and services											
Mean.....	1,055	585	626	760	898	988	1,018	1,090	1,213	1,414	1,957
Share.....	1.7	2.3	2.3	2.1	2.1	2.1	1.9	1.7	1.6	1.5	1.4

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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											
SE.....	24.22	39.75	25.99	32.44	30.60	52.63	63.58	45.14	51.26	52.18	79.89
CV(%).....	2.30	6.79	4.15	4.27	3.41	5.33	6.25	4.14	4.23	3.69	4.08
Pets, toys, hobbies, and playground equipment											
Mean.....	845	330	310	419	550	811	686	868	1,088	1,270	2,118
Share.....	1.4	1.3	1.1	1.1	1.3	1.7	1.3	1.4	1.5	1.4	1.5
SE.....	73.06	67.58	31.58	65.97	49.34	182.48	77.48	96.14	126.32	138.38	465.08
CV(%).....	8.64	20.45	10.19	15.73	8.97	22.49	11.29	11.07	11.61	10.89	21.96
Pets											
Mean.....	686	275	252	335	443	670	528	710	864	979	1,800
Share.....	1.1	1.1	.9	.9	1.0	1.4	1.0	1.1	1.2	1.0	1.3
SE.....	71.68	66.23	33.29	63.31	48.14	176.24	49.94	95.43	125.27	134.87	465.87
CV(%).....	10.45	24.09	13.19	18.89	10.87	26.29	9.46	13.43	14.50	13.77	25.88
Toys, hobbies, and playground equipment											
Mean.....	159	55	58	84	108	141	158	158	224	291	318
Share.....	.3	.2	.2	.2	.2	.3	.3	.2	.3	.3	.2
SE.....	9.81	16.08	10.30	13.61	15.78	24.61	43.20	22.21	29.98	36.89	34.37
CV(%).....	6.15	28.99	17.87	16.17	14.68	17.44	27.33	14.07	13.39	12.69	10.81
Other entertainment supplies, equipment, and services											
Mean.....	725	270	219	284	1,018	548	391	827	625	1,410	1,663
Share.....	1.2	1.1	.8	.8	2.3	1.1	.7	1.3	.8	1.5	1.2
SE.....	112.01	202.49	107.41	113.48	719.71	172.78	118.49	297.40	127.27	382.11	400.77
CV(%).....	15.45	75.01	49.02	39.89	70.67	31.55	30.33	35.97	20.35	27.10	24.09
Personal care products and services											
Mean.....	764	335	385	493	567	619	656	852	968	1,168	1,593
Share.....	1.3	1.3	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.1
SE.....	17.07	22.42	32.33	30.99	27.24	25.06	37.51	54.75	48.62	63.14	60.99
CV(%).....	2.24	6.70	8.40	6.29	4.80	4.05	5.72	6.42	5.02	5.40	3.83
Reading											
Mean.....	108	54	61	80	79	101	112	107	106	135	243
Share.....	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
SE.....	6.64	14.81	15.62	18.34	14.34	13.58	12.44	10.95	20.47	15.37	24.66
CV(%).....	6.16	27.57	25.69	23.05	18.11	13.41	11.14	10.21	19.24	11.43	10.13
Education											
Mean.....	1,505	1,365	487	462	455	529	673	1,099	1,429	2,296	6,260
Share.....	2.5	5.5	1.8	1.2	1.0	1.1	1.2	1.7	1.9	2.5	4.4
SE.....	91.28	246.25	142.70	69.91	73.47	97.06	133.79	162.71	191.42	187.73	742.71
CV(%).....	6.07	18.04	29.30	15.13	16.14	18.34	19.89	14.81	13.39	8.18	11.86
Tobacco products and smoking supplies											
Mean.....	336	260	292	325	362	400	395	392	370	337	230
Share.....	.6	1.0	1.1	.9	.8	.8	.7	.6	.5	.4	.2
SE.....	11.28	24.65	24.32	20.71	26.07	36.27	35.64	28.25	33.62	38.30	23.25
CV(%).....	3.35	9.48	8.32	6.38	7.21	9.07	9.02	7.21	9.09	11.36	10.10
Miscellaneous											
Mean.....	1,027	427	420	643	801	973	887	830	951	1,732	2,607
Share.....	1.7	1.7	1.6	1.7	1.8	2.0	1.6	1.3	1.3	1.9	1.8
SE.....	70.69	106.33	72.50	86.23	104.02	183.96	84.75	94.63	86.10	188.11	462.22
CV(%).....	6.89	24.91	17.25	13.42	12.99	18.90	9.56	11.40	9.05	10.86	17.73
Cash contributions											
Mean.....	1,840	551	797	1,331	1,116	1,326	1,358	1,735	1,967	2,711	5,518
Share.....	3.0	2.2	2.9	3.6	2.6	2.8	2.5	2.7	2.7	2.9	3.9
SE.....	91.50	91.62	100.33	125.03	91.11	96.10	174.84	162.93	128.93	198.53	407.65
CV(%).....	4.97	16.64	12.58	9.39	8.16	7.25	12.88	9.39	6.55	7.32	7.39
Personal insurance and pensions											
Mean.....	6,904	607	708	1,766	2,532	3,780	5,151	7,092	9,276	13,772	24,408
Share.....	11.4	2.4	2.6	4.8	5.8	7.9	9.5	11.2	12.6	14.7	17.1
SE.....	127.82	166.27	68.95	131.04	115.59	180.08	170.98	132.35	178.64	428.89	733.64
CV(%).....	1.85	27.41	9.73	7.42	4.57	4.76	3.32	1.87	1.93	3.11	3.01
Life and other personal insurance											
Mean.....	429	135	185	240	305	339	280	399	526	707	1,179
Share.....	.7	.5	.7	.6	.7	.7	.5	.6	.7	.8	.8
SE.....	15.37	17.04	18.52	19.51	27.96	33.59	19.92	29.35	29.98	52.43	83.97
CV(%).....	3.58	12.66	10.02	8.14	9.17	9.89	7.11	7.35	5.70	7.42	7.12

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Pensions and Social Security											
Mean.....	6,474	472	524	1,526	2,227	3,440	4,870	6,693	8,750	13,066	23,229
Share.....	10.6	1.9	1.9	4.1	5.1	7.2	9.0	10.6	11.9	14.0	16.2
SE.....	122.30	163.17	67.48	135.57	113.11	184.14	173.31	138.02	171.32	423.20	714.05
CV(%).....	1.89	34.56	12.89	8.88	5.08	5.35	3.56	2.06	1.96	3.24	3.07
Sources of income and personal taxes:											
Money income before taxes											
Mean.....	\$76,335	\$5,881	\$16,757	\$25,772	\$35,313	\$46,569	\$60,648	\$77,572	\$99,181	\$133,916	\$262,297
SE.....	1,196.04	196.75	165.27	154.81	222.51	309.79	425.44	475.90	614.38	831.73	6,455.73
CV(%).....	1.57	3.35	.99	.60	.63	.67	.70	.61	.62	.62	2.46
Wages and salaries											
Mean.....	59,555	1,696	5,073	11,960	21,086	31,825	47,179	63,271	84,206	113,587	216,152
Share.....	78.0	28.8	30.3	46.4	59.7	68.3	77.8	81.6	84.9	84.8	82.4
SE.....	996.47	104.35	256.97	401.09	605.91	639.63	813.18	735.84	1,049.75	1,383.11	5,352.27
CV(%).....	1.67	6.15	5.07	3.35	2.87	2.01	1.72	1.16	1.25	1.22	2.48
Self-employment income											
Mean.....	5,098	49	356	687	1,129	1,640	2,640	3,888	4,825	8,157	27,664
Share.....	6.7	.8	2.1	2.7	3.2	3.5	4.4	5.0	4.9	6.1	10.5
SE.....	377.64	83.17	67.48	161.98	158.59	225.63	434.08	408.59	542.71	946.06	3,057.29
CV(%).....	7.41	170.32	18.95	23.58	14.04	13.76	16.44	10.51	11.25	11.60	11.05
Social Security, private and government retirement											
Mean.....	8,552	2,264	9,395	11,301	11,389	11,112	8,835	8,116	7,465	7,820	7,831
Share.....	11.2	38.5	56.1	43.9	32.3	23.9	14.6	10.5	7.5	5.8	3.0
SE.....	204.89	109.15	276.26	362.25	531.68	526.21	565.96	584.43	641.73	602.60	1,192.69
CV(%).....	2.40	4.82	2.94	3.21	4.67	4.74	6.41	7.20	8.60	7.71	15.23
Interest, dividends, rental income, other property income											
Mean.....	1,884	78	96	439	578	991	1,062	1,176	1,697	3,368	9,376
Share.....	2.5	1.3	.6	1.7	1.6	2.1	1.8	1.5	1.7	2.5	3.6
SE.....	156.20	40.78	63.38	62.73	88.59	143.24	181.87	165.95	302.97	415.41	1,426.74
CV(%).....	8.29	52.23	66.01	14.30	15.33	14.46	17.13	14.12	17.85	12.33	15.22
Public assistance, Supplemental Security Income, Supplementary Nutrition Assistance Program (SNAP)											
Mean.....	458	1,151	957	781	566	465	227	195	130	49	49
Share.....	.6	19.6	5.7	3.0	1.6	1.0	.4	.3	.1	(¹)	(¹)
SE.....	22.47	85.74	66.76	70.92	73.57	58.86	30.31	33.11	40.59	12.39	19.80
CV(%).....	4.91	7.45	6.98	9.08	12.99	12.67	13.34	16.99	31.25	25.08	40.04
Unemployment and workers' compensation, veterans' benefits, and regular contributions for support											
Mean.....	477	161	361	349	415	344	404	736	591	652	755
Share.....	.6	2.7	2.2	1.4	1.2	.7	.7	.9	.6	.5	.3
SE.....	40.55	28.50	56.50	63.99	74.90	75.06	62.57	149.13	119.57	121.95	268.37
CV(%).....	8.51	17.72	15.66	18.36	18.05	21.81	15.48	20.26	20.23	18.71	35.53
Other income											
Mean.....	311	482	519	255	149	192	302	191	267	283	468
Share.....	.4	8.2	3.1	1.0	.4	.4	.5	.2	.3	.2	.2
SE.....	33.08	97.78	114.89	48.30	40.20	58.36	81.89	48.67	54.86	104.49	142.12
CV(%).....	10.64	20.30	22.14	18.95	26.94	30.41	27.13	25.51	20.51	36.89	30.35
Personal taxes (contains some imputed values)											
Mean.....	10,711	-263	-682	-516	143	1,898	4,836	7,700	11,731	20,119	62,265
Share.....	14.0	-4.5	-4.1	-2.0	.4	4.1	8.0	9.9	11.8	15.0	23.7
SE.....	387.37	21.48	60.47	147.20	110.12	90.62	143.33	172.48	193.93	253.53	2,819.69
CV(%).....	3.62	-8.17	-8.86	-28.52	76.83	4.78	2.96	2.24	1.65	1.26	4.53
Federal income taxes											
Mean.....	8,457	-201	-633	-625	-187	1,214	3,571	5,769	8,972	15,689	51,100
Share.....	11.1	-3.4	-3.8	-2.4	-.5	2.6	5.9	7.4	9.0	11.7	19.5
SE.....	300.18	16.59	53.71	123.72	95.57	77.64	109.28	96.76	122.61	185.32	2,349.90
CV(%).....	3.55	-8.26	-8.48	-19.81	-51.02	6.40	3.06	1.68	1.37	1.18	4.60
State and local income taxes											
Mean.....	2,200	-75	-70	68	301	642	1,202	1,895	2,685	4,365	11,005
Share.....	2.9	-1.3	-.4	.3	.9	1.4	2.0	2.4	2.7	3.3	4.2
SE.....	108.29	13.46	20.88	27.50	33.13	39.98	72.20	119.63	123.04	169.75	570.00
CV(%).....	4.92	-17.83	-29.94	40.31	11.00	6.23	6.01	6.31	4.58	3.89	5.18
Other taxes											
Mean.....	54	13	21	40	29	42	63	36	73	65	159
Share.....	.1	.2	.1	.2	.1	.1	.1	(¹)	.1	(¹)	.1

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Other taxes											
SE.....	8.48	3.10	4.20	9.00	7.51	6.96	21.87	6.73	25.69	13.17	43.43
CV(%).....	15.67	23.48	19.93	22.42	25.48	16.58	34.54	18.89	35.03	20.30	27.33
Income after taxes											
Mean.....	65,623	6,144	17,439	26,288	35,170	44,672	55,813	69,872	87,450	113,797	200,032
Share.....	86.0	104.5	104.1	102.0	99.6	95.9	92.0	90.1	88.2	85.0	76.3
SE.....	859.21	203.78	179.60	221.80	231.68	314.03	437.17	496.08	641.05	812.98	4,039.05
CV(%).....	1.31	3.32	1.03	.84	.66	.70	.78	.71	.73	.71	2.02
Addenda:											
Net change in total assets and liabilities											
Mean.....	\$15,417	-\$1,001	\$2,367	\$3,011	\$3,086	\$12,721	\$10,868	\$12,426	\$28,798	\$28,662	\$53,285
SE.....	1,971.72	1,861.49	1,458.74	2,091.86	3,296.98	4,350.51	4,528.39	3,638.69	13,741.14	7,978.72	13,323.78
CV(%).....	12.79	-185.99	61.64	69.47	106.83	34.20	41.67	29.28	47.72	27.84	25.00
Net change in total assets											
Mean.....	25,285	2,832	3,766	5,455	7,941	17,185	19,656	21,947	41,565	47,282	85,358
SE.....	1,934.26	1,939.86	1,659.41	1,926.05	3,149.06	4,261.47	4,180.60	3,677.07	13,538.21	7,740.28	11,740.47
CV(%).....	7.65	68.51	44.06	35.31	39.66	24.80	21.27	16.75	32.57	16.37	13.75
Net change in total liabilities											
Mean.....	9,868	3,832	1,400	2,444	4,855	4,464	8,788	9,521	12,767	18,620	32,073
SE.....	1,019.53	1,550.08	709.08	726.80	1,062.14	1,134.30	1,737.63	2,197.05	2,656.76	3,754.45	7,290.91
CV(%).....	10.33	40.45	50.66	29.74	21.88	25.41	19.77	23.07	20.81	20.16	22.73
Other financial information:											
Other money receipts											
Mean.....	\$720	\$263	\$108	\$721	\$263	\$411	\$694	\$572	\$537	\$543	\$3,093
SE.....	133.13	55.30	35.67	314.68	109.54	158.60	250.26	204.40	136.69	156.87	1,433.98
CV(%).....	18.50	21.00	32.88	43.64	41.63	38.61	36.07	35.74	25.46	28.89	46.37
Mortgage principal paid on owned property											
Mean.....	-2,028	-406	-387	-582	-899	-1,134	-1,428	-1,921	-2,748	-3,747	-7,041
SE.....	52.47	57.18	40.23	49.17	90.19	66.35	73.43	99.19	156.21	262.14	370.69
CV(%).....	-2.59	-14.08	-10.40	-8.44	-10.03	-5.85	-5.14	-5.16	-5.68	-7.00	-5.26
Estimated market value of owned home											
Mean.....	194,083	67,598	83,363	113,221	124,050	141,653	151,880	173,142	231,276	307,158	548,503
SE.....	3,840.90	6,924.64	5,272.76	6,310.09	5,390.71	5,076.17	5,155.65	4,930.32	8,193.81	12,368.86	25,564.53
CV(%).....	1.98	10.24	6.33	5.57	4.35	3.58	3.39	2.85	3.54	4.03	4.66
Estimated monthly rental value of owned home											
Mean.....	1,047	406	534	674	754	837	877	1,022	1,319	1,628	2,424
SE.....	12.36	23.91	24.78	25.40	26.17	17.02	25.32	23.34	34.74	35.83	55.11
CV(%).....	1.18	5.88	4.64	3.77	3.47	2.03	2.89	2.28	2.63	2.20	2.27
Gifts of goods and services, total											
Mean.....	1,178	562	481	516	592	639	965	1,046	1,326	1,719	3,943
SE.....	50.65	156.62	103.61	64.32	75.75	73.34	143.82	122.99	139.65	166.71	321.76
CV(%).....	4.30	27.86	21.56	12.47	12.80	11.49	14.91	11.76	10.53	9.70	8.16
Food											
Mean.....	78	22	21	30	38	52	100	73	100	135	207
SE.....	5.98	6.74	4.11	8.00	11.40	7.69	49.67	18.99	19.14	22.83	25.96
CV(%).....	7.69	31.25	19.66	26.30	30.37	14.76	49.52	26.03	19.24	16.93	12.51
Alcoholic beverages											
Mean.....	16	1	7	1	5	5	25	4	16	43	52
SE.....	3.11	.46	4.71	.42	2.59	2.36	20.26	1.62	8.46	10.65	21.49
CV(%).....	19.70	90.18	65.88	64.75	51.10	43.66	80.06	46.02	53.44	25.00	41.60
Housing											
Mean.....	254	116	118	142	134	188	274	205	296	347	725
SE.....	16.81	19.11	23.87	23.52	21.46	50.58	58.95	29.71	46.51	42.20	133.57
CV(%).....	6.60	16.41	20.17	16.58	16.02	26.91	21.53	14.51	15.71	12.18	18.41
Housekeeping supplies											
Mean.....	34	8	14	27	23	32	56	31	33	45	75
SE.....	4.79	2.91	6.07	10.61	7.19	10.60	33.11	5.12	7.57	9.90	13.68
CV(%).....	13.98	38.31	44.83	39.15	31.71	33.33	59.31	16.43	22.98	21.97	18.34
Household textiles											
Mean.....	8	1	2	3	5	6	12	15	6	11	16
SE.....	1.43	.90	1.41	1.84	2.31	3.15	4.97	8.43	2.59	5.10	11.69
CV(%).....	18.21	91.40	63.85	57.82	46.84	53.24	40.51	55.14	40.17	45.31	72.67
Appliances and miscellaneous housewares											
Mean.....	20	6	10	12	6	13	26	16	38	25	46
SE.....	2.38	2.87	4.08	4.33	2.20	4.62	9.87	4.80	11.56	7.32	14.83
CV(%).....	11.98	51.27	39.51	35.56	37.87	34.27	37.66	30.73	30.05	29.31	32.32

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Major appliances											
Mean.....	8	5	6	5	3	6	10	5	14	9	16
SE.....	1.22	2.83	3.18	2.66	1.82	2.79	6.27	3.36	6.24	4.68	4.59
CV(%).....	15.34	57.13	52.17	50.84	60.81	48.62	60.74	64.47	44.38	49.27	29.44
Small appliances and miscellaneous housewares											
Mean.....	12	1	4	7	3	8	16	10	24	15	30
SE.....	1.98	.46	2.30	3.19	1.19	4.09	7.84	3.46	8.10	5.86	13.84
CV(%).....	16.61	69.58	54.42	45.99	42.36	52.78	49.38	33.19	33.19	37.84	45.65
Miscellaneous household equipment											
Mean.....	54	21	40	24	24	34	81	53	60	96	106
SE.....	5.81	8.91	16.91	4.94	7.71	7.69	22.59	8.27	12.07	22.89	32.25
CV(%).....	10.78	41.92	42.64	20.42	32.75	22.92	27.82	15.58	20.00	23.84	30.33
Other housing											
Mean.....	139	81	53	75	77	103	98	90	158	169	482
SE.....	15.06	15.16	11.46	16.69	15.62	40.98	27.56	23.72	40.91	33.29	126.50
CV(%).....	10.87	18.70	21.77	22.22	20.29	39.71	28.03	26.47	25.93	19.67	26.22
Apparel and services											
Mean.....	212	124	76	143	160	144	178	275	256	321	446
SE.....	13.21	37.03	12.99	31.99	27.31	22.70	32.30	53.23	45.67	51.54	76.66
CV(%).....	6.22	29.95	17.06	22.43	17.06	15.82	18.12	19.32	17.85	16.07	17.18
Males, 2 and over											
Mean.....	54	35	21	34	53	32	49	71	33	71	137
SE.....	4.70	15.13	6.90	10.07	13.73	8.62	14.98	14.36	8.44	17.98	30.72
CV(%).....	8.78	43.44	32.37	29.93	26.07	27.02	30.69	20.32	25.40	25.22	22.38
Females, 2 and over											
Mean.....	81	36	30	44	47	71	53	122	97	138	174
SE.....	7.42	15.46	10.44	15.14	11.41	16.33	18.70	27.31	21.01	35.38	38.31
CV(%).....	9.12	42.80	34.85	34.10	24.06	22.89	35.48	22.45	21.68	25.59	21.97
Children under 2											
Mean.....	28	13	12	17	23	21	27	34	49	24	63
SE.....	3.17	6.72	5.24	8.93	10.07	8.23	9.66	18.37	8.25	7.14	12.79
CV(%).....	11.24	52.62	42.07	51.93	43.92	39.97	36.22	54.42	16.70	30.32	20.33
Other apparel products and services											
Mean.....	49	40	12	47	37	20	50	49	76	88	72
SE.....	5.75	15.20	4.52	11.51	8.26	6.85	16.59	23.37	29.22	24.03	17.96
CV(%).....	11.71	38.07	36.34	24.31	22.27	34.79	33.11	47.36	38.31	27.44	25.01
Jewelry and watches											
Mean.....	13	15	3	12	3	2	5	14	28	22	24
SE.....	3.07	10.90	2.24	6.62	1.47	.63	2.73	10.98	19.29	9.68	10.83
CV(%).....	23.87	71.45	64.54	55.28	48.40	29.98	53.44	78.65	69.21	43.48	45.53
All other apparel products and services											
Mean.....	36	25	9	35	34	18	45	35	48	65	48
SE.....	4.47	10.68	4.01	8.00	8.22	6.82	15.95	19.98	19.71	23.05	12.08
CV(%).....	12.32	43.29	44.76	22.60	24.12	38.78	35.45	56.45	40.73	35.29	25.16
Transportation											
Mean.....	122	65	22	69	66	42	85	63	199	194	414
SE.....	19.03	46.24	8.26	25.82	31.50	7.22	46.65	23.59	75.52	57.84	143.86
CV(%).....	15.62	71.40	37.41	37.66	47.50	17.37	54.57	37.57	37.92	29.80	34.71
Healthcare											
Mean.....	19	6	33	-11	7	17	23	18	30	18	52
SE.....	4.31	3.11	30.45	17.94	3.35	12.29	15.22	7.03	9.46	4.60	13.49
CV(%).....	22.44	52.21	93.51	-159.56	45.90	73.02	66.34	39.48	31.92	25.87	25.80
Entertainment											
Mean.....	104	33	37	65	75	64	116	99	80	159	308
SE.....	9.10	8.12	8.19	17.47	18.86	14.55	39.49	20.35	12.95	25.75	55.26
CV(%).....	8.79	24.73	22.22	26.71	24.99	22.85	33.98	20.61	16.17	16.24	17.95
Toys, games, arts and crafts, and tricycles											
Mean.....	42	9	21	36	32	25	68	45	32	57	97
SE.....	5.53	5.74	7.36	12.67	11.46	8.97	34.18	12.37	7.22	15.99	25.14
CV(%).....	13.11	64.13	34.89	35.00	36.30	36.09	50.27	27.71	22.74	27.84	25.85
Other entertainment											
Mean.....	61	24	16	29	44	39	48	54	48	101	211
SE.....	6.47	6.27	4.45	9.07	12.57	10.38	15.47	18.87	10.16	19.80	45.93
CV(%).....	10.53	26.23	28.25	31.05	28.65	26.73	32.08	34.85	21.03	19.57	21.80
Personal care products and services											
Mean.....	12	10	5	9	7	10	16	8	26	12	21
SE.....	2.14	5.39	2.89	4.96	2.69	5.25	7.21	2.99	11.44	5.01	6.36
CV(%).....	17.30	55.71	53.29	56.81	37.93	50.56	45.00	35.55	44.20	43.12	30.91
Reading											
Mean.....	3	(¹)	1	(¹)	2	8	3	3	4	3	7
SE.....	.63	.23	.53	.14	.74	4.90	1.49	1.74	1.88	.88	2.24
CV(%).....	20.18	52.33	57.86	50.21	41.52	65.12	46.70	52.58	46.81	32.10	31.25

See footnotes at end of table.

Table 1110. Deciles of income before taxes: Annual expenditure means, shares, standard errors, and coefficients of variation, Consumer Expenditure Survey, 3rd quarter 2017 through 2nd quarter 2018 — Continued

Item	All consumer units	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
Education											
Mean.....	275	168	146	48	47	64	58	193	250	384	1,392
SE.....	34.47	127.48	96.39	16.38	19.56	24.10	37.38	93.15	79.19	143.21	212.95
CV(%).....	12.54	75.79	65.95	34.23	41.99	37.82	64.05	48.20	31.71	37.27	15.30
All other gifts											
Mean.....	83	18	14	20	51	46	85	105	70	105	317
SE.....	9.41	7.19	2.73	6.58	11.85	7.88	24.13	30.85	11.83	26.88	69.25
CV(%).....	11.34	39.74	19.60	32.15	23.41	17.19	28.54	29.48	16.81	25.49	21.83

¹ Value is too small to display.

² No data reported.

n.a. Not applicable.

Source: Consumer Expenditure Survey, U.S. Bureau of Labor Statistics, April, 2019