

Table 5.7. U.S. Vehicle-Miles Traveled by Family Income, 1994
(Billion Miles)

1993 Household and 1994 Vehicle Characteristics	Total	1993 Family Income							Below Poverty Line		Eli- gible for Fed- eral Assist- ance ¹	RSE Row Factor:
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Per- cent	125 Per- cent		
RSE Column Factor:	0.4	2.4	1.8	1.2	0.9	0.8	0.8	0.7	1.4	1.1	0.9	
<i>Household Characteristics</i>												
Total	1,793	35	77	128	310	287	390	566	133	199	347	8.7
Census Region and Division												
Northeast	299	Q	Q	16	40	44	75	109	18	26	49	19.6
New England	84	Q	Q	Q	Q	Q	17	35	Q	Q	13	31.6
Middle Atlantic	215	Q	Q	12	29	31	59	73	Q	20	36	23.2
Midwest	479	Q	18	41	93	76	109	137	30	56	92	13.5
East North Central	335	Q	14	25	61	50	71	111	23	38	65	17.5
West North Central	144	Q	Q	16	32	26	38	25	Q	18	27	18.7
South	655	Q	37	38	117	117	139	197	46	70	124	15.5
South Atlantic	345	Q	Q	22	62	53	71	112	23	33	70	20.6
East South Central	121	Q	Q	Q	21	29	25	31	Q	16	23	27.4
West South Central	190	Q	Q	Q	35	35	43	54	Q	20	32	24.4
West	360	Q	15	33	59	50	65	123	39	47	82	21.2
Mountain	105	Q	Q	Q	28	15	11	30	Q	Q	24	37.8
Pacific	255	Q	Q	24	31	35	54	93	Q	32	58	26.5
Largest Populated States												
California	188	Q	Q	Q	22	23	41	73	Q	Q	38	32.3
Florida	104	Q	Q	Q	18	18	28	28	Q	Q	Q	26.8
New York	89	Q	Q	Q	Q	13	21	38	Q	Q	Q	29.1
Texas	124	Q	Q	Q	26	22	30	33	Q	Q	22	28.7
Urban Status												
Urban	1,360	31	54	84	215	199	294	484	96	132	241	10.7
Central City	434	Q	20	40	86	64	87	125	47	54	98	19.6
Suburban	927	Q	34	44	129	135	207	359	49	78	144	14.4
Rural	433	Q	24	44	95	88	95	82	37	67	106	14.7
Household Size												
1 Person	197	Q	23	24	52	47	27	18	18	25	48	18.7
2 Persons	602	Q	28	45	123	87	133	175	28	41	85	15.4
3 Persons	379	Q	Q	22	61	56	76	145	25	37	70	20.1
4 Persons	355	Q	Q	17	42	53	95	137	24	36	64	22.6
5 Persons	176	Q	Q	Q	23	29	44	57	Q	37	50	28.1
6 or More Persons	84	Q	Q	Q	Q	15	Q	35	Q	Q	30	43.0
Household Composition												
Households with Children	796	Q	22	53	114	134	188	272	76	116	193	13.8
Age of Oldest Child												
Under 7 Years	206	Q	Q	Q	35	27	49	74	Q	25	44	26.7
7 to 15 Years	399	Q	Q	33	52	75	91	131	42	64	109	16.9
16 or 17 Years	191	Q	Q	Q	27	32	48	67	Q	27	40	29.6
Households Without Children	997	23	55	75	196	153	201	294	56	82	155	11.3
One Adult	197	Q	23	24	52	47	27	18	18	25	48	18.7
Age of Householder												
Under 35 Years	53	Q	Q	Q	16	16	Q	Q	Q	Q	Q	36.3
35 to 59 Years	85	Q	Q	Q	22	19	17	Q	Q	Q	Q	29.4
60 Years or More	60	Q	13	13	14	12	Q	Q	8	13	24	22.6
Two or More Adults	800	Q	31	51	144	106	174	276	38	57	107	14.2
Age of Householder												
Under 35 Years	174	Q	Q	Q	32	20	38	46	Q	Q	Q	34.2
35 to 59 Years	393	Q	Q	Q	53	50	89	178	Q	19	32	20.4
60 Years or More	232	Q	10	25	59	36	48	52	Q	18	40	20.4

See footnotes at end of table.

Table 5.7. U.S. Vehicle-Miles Traveled by Family Income, 1994 (Continued)

(Billion Miles)

1993 Household and 1994 Vehicle Characteristics	Total	1993 Family Income							Below Poverty Line		Eli- gible for Fed- eral Assist- ance ¹	RSE Row Factor:
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Per- cent	125 Per- cent		
RSE Column Factor:	0.4	2.4	1.8	1.2	0.9	0.8	0.8	0.7	1.4	1.1	0.9	
Race of Householder												
White	1,592	27	60	105	272	255	358	514	97	155	280	9.4
Black	125	Q	Q	Q	24	21	19	33	Q	24	40	35.0
Other	77	Q	Q	Q	Q	Q	13	19	Q	Q	27	48.2
Hispanic Descent												
Yes	122	Q	Q	Q	23	20	22	30	Q	Q	36	36.2
No	1,671	33	70	110	287	268	367	536	112	171	311	8.9
Number of Drivers² (Fall 1993)												
1	334	Q	41	52	84	69	46	29	54	70	112	13.4
2	1,061	Q	28	64	188	171	251	349	54	90	176	13.1
3	267	Q	Q	Q	30	34	64	122	Q	Q	37	27.7
4 or More	124	Q	Q	Q	Q	Q	28	66	Q	Q	18	38.2
Age of Primary Driver												
16 to 17 Years	11	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	94.0
18 to 22 Years	56	Q	Q	Q	Q	Q	13	24	Q	Q	Q	34.6
23 to 29 Years	111	Q	Q	Q	26	23	19	26	Q	Q	25	24.9
30 to 39 Years	276	Q	Q	10	38	48	72	100	13	25	45	17.1
40 to 49 Years	276	Q	Q	9	36	44	64	118	8	19	34	18.3
50 to 59 Years	174	Q	Q	Q	26	27	42	66	Q	Q	19	23.3
60 to 69 Years	99	Q	Q	10	23	20	22	19	Q	10	17	23.6
70 to 79 Years	68	Q	6	10	23	8	9	10	Q	8	18	24.8
80 Years and Over	16	Q	Q	Q	6	Q	Q	Q	Q	Q	5	41.2
Don't Know	707	Q	Q	70	124	103	146	198	81	108	175	22.8
Sex of Primary Driver												
Female	506	Q	20	34	86	77	114	169	32	51	89	10.4
Male	581	Q	15	24	100	108	130	198	20	41	84	12.6
Don't Know	706	Q	Q	70	123	103	146	198	81	107	174	22.9
Average Number of Vehicles per Household During the Year												
Part-Year Vehicle	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Only 1	306	Q	36	52	70	57	46	32	52	69	114	14.9
Between 1 and 2	107	Q	Q	Q	26	22	22	20	Q	16	27	35.4
Only 2	659	Q	19	40	123	113	142	211	40	67	116	14.6
Between 2 and 3	163	Q	Q	Q	22	24	47	61	Q	13	19	26.8
Only 3	274	Q	Q	16	36	38	78	99	13	19	33	24.6
Between 3 and 4	100	Q	Q	Q	13	Q	23	46	Q	Q	Q	38.9
4 or More	169	Q	Q	Q	16	27	30	95	Q	Q	Q	36.7
<i>Vehicle Characteristics</i>												
Model Year												
1994 to 1995	103	Q	Q	Q	15	15	27	41	Q	Q	Q	26.8
1993	142	Q	Q	Q	17	21	34	62	Q	Q	Q	24.1
1992	149	Q	Q	11	16	22	34	62	Q	Q	22	22.2
1989 to 1991	436	Q	Q	20	68	62	101	161	26	37	67	15.0
1986 to 1988	411	Q	Q	28	73	67	90	130	22	40	71	14.7
1983 to 1985	270	Q	16	25	55	44	58	64	28	41	76	18.0
1980 to 1982	107	Q	Q	13	24	19	21	19	Q	24	35	29.8
1977 to 1979	88	Q	Q	11	21	20	13	13	Q	20	30	36.2
1976 or Earlier	87	Q	Q	Q	21	18	13	14	Q	Q	26	37.5

See footnotes at end of table.

Table 5.7. U.S. Vehicle-Miles Traveled by Family Income, 1994 (Continued)
(Billion Miles)

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		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Per- cent	125 Per- cent		
		0.4	2.4	1.8	1.2	0.9	0.8	0.8	0.7	1.4	1.1	
RSE Column Factor:												
Type of Vehicle												
Passenger Car	1,200	29	61	96	217	186	244	367	103	148	257	9.9
Minivan	108	Q	Q	Q	14	19	29	40	Q	Q	Q	24.8
Sport Utility	121	Q	Q	Q	16	17	29	54	Q	Q	11	27.8
Large Van	40	Q	Q	Q	Q	Q	Q	13	Q	Q	Q	42.6
Pickup Truck	320	Q	Q	21	57	59	78	90	Q	30	56	16.9
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Fuel Efficiency (miles per gallon)												
10.9 or Less	39	Q	Q	5	8	6	5	10	Q	Q	13	34.2
11 to 12.9	79	Q	Q	Q	20	16	15	15	Q	11	20	32.5
13 to 15.9	183	Q	9	12	31	34	43	49	16	22	37	22.7
16 to 18.9	278	Q	12	18	51	39	62	94	18	32	51	15.8
19 to 21.9	423	Q	Q	26	62	71	92	153	24	35	68	17.9
22 to 24.9	361	Q	Q	20	56	54	79	128	25	36	63	16.7
25 to 29.9	324	Q	Q	28	67	51	71	86	Q	41	73	15.0
30 or More	105	Q	Q	Q	Q	Q	22	31	Q	Q	23	34.3
Engine Size (liters)												
2.49 or Less	699	Q	35	54	123	109	145	212	62	89	148	13.0
2.50 to 3.49	364	Q	Q	22	51	59	84	129	19	29	59	15.7
3.50 to 4.49	283	Q	Q	18	47	43	63	99	18	27	47	20.6
4.50 or Greater	448	Q	22	34	89	76	97	125	33	54	93	14.8
Number of Cylinders												
4	713	Q	33	56	124	116	149	216	60	88	147	12.0
6	631	Q	20	40	95	99	146	220	38	59	107	12.8
8	435	Q	22	31	88	70	94	124	34	52	91	15.8
Other	14	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	70.9
Type of Transmission												
Automatic	1,337	24	60	99	239	204	280	430	104	153	270	9.2
Manual Shift	456	Q	Q	29	71	83	110	136	29	45	77	17.8
Type of Drive												
Front-Wheel	891	20	42	64	145	136	192	290	71	100	179	10.6
Rear-Wheel	693	Q	30	51	132	118	146	202	52	80	141	14.8
4-Wheel	209	Q	Q	12	32	33	51	73	Q	18	27	22.6
Type of Fuel System												
Carburetor	802	Q	49	74	159	138	159	203	84	121	201	12.8
Fuel Injection	966	Q	27	53	147	146	225	353	47	75	142	10.9
Diesel Engine	25	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	55.1
Type of Fuel Purchased												
Motor Gasoline	1,752	34	76	124	302	280	380	555	130	192	339	9.0
Unleaded	1,736	33	75	123	297	277	379	552	127	189	334	9.0
Regular Grade	1,199	Q	59	89	206	193	252	379	93	135	240	10.5
Intermediate Grade	238	Q	Q	15	35	36	62	79	Q	20	37	20.5
Premium Grade	299	Q	Q	18	55	48	65	94	21	34	58	18.6
Leaded	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Gasohol	17	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	70.3
Diesel Fuel	22	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	61.1

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(Billion Miles)

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RSE Column Factor:	0.4	2.4	1.8	1.2	0.9	0.8	0.8	0.7	1.4	1.1	0.9	
Type of Primary Service												33.2 9.4 77.9 NF
Full-Service Pumps	137	Q	Q	11	18	20	33	41	Q	18	33	
Self or Mini-Service Pumps	1,624	31	66	114	285	263	349	516	116	179	308	
Both Equally	30	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Bulk Sales/Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Vehicle Used for Commuting to and from Work												10.7 12.3
Yes	1,175	Q	39	67	187	187	258	420	74	109	199	
No	618	17	38	61	123	101	132	146	59	89	148	

¹ Below 150 percent of poverty line or 60 percent of median State income.

² Approximately 0.5 percent of the vehicle stock was owned by households that had no drivers as of fall 1993.

NF = No applicable RSE row factor.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • "Households with Children" category includes members under age 18 years old unless the member is the householder or spouse. • To obtain the Relative Standard Error (RSE) percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • Data in this table are for households with vehicles for personal transportation. • See Glossary for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 A of the 1993 Residential Energy Consumption Survey and Forms EIA-876 A, B, C, and D of the 1994 Residential Transportation Energy Consumption Survey.