

Table 5.1. U.S. Number of Vehicles, Vehicle-Miles, Motor Fuel Consumption and Expenditures, 1994

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles		Vehicle-Miles Traveled		Motor Fuel Consumption			Motor Fuel Expenditures		RSE Row Factor:
	(million)	(percent)	(billion)	(percent)	(billion gallons)	(gallon percent)	(quadril- lion Btu)	(billion dollars)	(percent)	
	0.9	0.8	1.1	1.0	1.1	1.0	1.1	1.1	1.0	
RSE Column Factor:										
Household Characteristics										
Total	156.8	100.0	1,793	100.0	90.6	100.0	11.2	104.7	100.0	2.8
Census Region and Division										
Northeast	26.6	17.0	299	16.7	14.5	16.0	1.8	17.2	16.4	5.7
New England	7.6	4.8	84	4.7	4.1	4.5	0.5	4.8	4.6	13.8
Middle Atlantic	19.0	12.1	215	12.0	10.4	11.4	1.3	12.4	11.8	5.8
Midwest	41.1	26.2	479	26.7	23.8	26.3	2.9	26.5	25.3	4.5
East North Central	29.0	18.5	335	18.7	16.7	18.4	2.1	18.5	17.7	5.6
West North Central	12.1	7.7	144	8.0	7.2	7.9	0.8	8.0	7.6	8.3
South	56.0	35.7	655	36.6	33.5	36.9	4.2	37.7	36.0	5.0
South Atlantic	28.4	18.1	345	19.2	17.1	18.8	2.1	19.2	18.3	5.7
East South Central	11.1	7.1	121	6.7	6.3	7.0	0.8	7.2	6.9	6.0
West South Central	16.4	10.5	190	10.6	10.1	11.1	1.2	11.3	10.8	14.8
West	33.1	21.1	360	20.1	18.8	20.7	2.4	23.4	22.3	6.7
Mountain	9.8	6.2	105	5.8	5.9	6.5	0.7	7.2	6.9	12.0
Pacific	23.3	14.9	255	14.2	12.9	14.3	1.6	16.2	15.4	8.2
Largest Populated States										
California	17.0	10.8	188	10.5	9.5	10.5	1.2	11.9	11.4	10.2
Florida	8.8	5.6	104	5.8	5.1	5.6	0.6	5.8	5.6	5.3
New York	7.8	5.0	89	5.0	4.3	4.7	0.5	5.0	4.8	9.2
Texas	11.0	7.0	124	6.9	6.6	7.3	0.8	7.3	7.0	16.6
Urban Status										
Urban	119.4	76.2	1,360	75.9	67.5	74.5	8.4	78.6	75.0	2.7
Central City	40.1	25.6	434	24.2	21.4	23.6	2.7	25.1	24.0	8.8
Suburban	79.3	50.6	927	51.7	46.1	50.9	5.8	53.4	51.0	4.5
Rural	37.4	23.8	433	24.1	23.1	25.5	2.8	26.1	25.0	5.1
Household Size										
1 Person	19.5	12.5	197	11.0	9.6	10.6	1.2	11.1	10.6	6.4
2 Persons	55.4	35.3	602	33.6	30.6	33.8	3.8	35.3	33.7	4.2
3 Persons	31.7	20.2	379	21.1	18.9	20.9	2.4	21.9	20.9	6.7
4 Persons	29.5	18.8	355	19.8	18.1	20.0	2.2	21.0	20.0	6.7
5 Persons	14.4	9.2	176	9.8	9.1	10.0	1.1	10.5	10.0	12.2
6 or More Persons	6.3	4.0	84	4.7	4.2	4.7	0.5	5.0	4.7	18.2
Household Composition										
Households with Children	64.6	41.2	796	44.4	40.4	44.6	5.0	46.7	44.6	4.5
Age of Oldest Child										
Under 7 Years	17.1	10.9	206	11.5	10.3	11.4	1.3	12.0	11.4	10.1
7 to 15 Years	32.3	20.6	399	22.2	20.5	22.6	2.5	23.7	22.6	6.3
16 or 17 Years	15.2	9.7	191	10.7	9.6	10.6	1.2	11.1	10.6	10.8
Households Without Children	92.2	58.8	997	55.6	50.2	55.4	6.2	58.0	55.4	3.4
One Adult	19.5	12.5	197	11.0	9.6	10.6	1.2	11.1	10.6	6.4
Age of Householder										
Under 35 Years	4.1	2.6	53	2.9	2.4	2.7	0.3	2.9	2.7	15.7
35 to 59 Years	7.6	4.8	85	4.7	4.1	4.6	0.5	4.8	4.6	11.1
60 Years or More	7.9	5.0	60	3.3	3.0	3.4	0.4	3.5	3.3	9.4
Two or More Adults	72.6	46.3	800	44.6	40.6	44.8	5.0	46.9	44.8	3.9
Age of Householder										
Under 35 Years	13.8	8.8	174	9.7	8.1	8.9	1.0	9.3	8.9	12.6
35 to 59 Years	33.9	21.6	393	21.9	20.2	22.3	2.5	23.3	22.3	6.9
60 Years or More	24.9	15.9	232	13.0	12.4	13.6	1.5	14.2	13.6	7.3

See footnotes at end of table.

Table 5.1. U.S. Number of Vehicles, Vehicle-Miles, Motor Fuel Consumption and Expenditures, 1994 (Continued)

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles		Vehicle-Miles Traveled		Motor Fuel Consumption			Motor Fuel Expenditures		RSE Row Factor:
	(million)	(percent)	(billion)	(percent)	(billion gallons)	(gallon percent)	(quadril- lion Btu)	(billion dollars)	(percent)	
	0.9	0.8	1.1	1.0	1.1	1.0	1.1	1.1	1.0	
RSE Column Factor:										
Race of Householder										
White	138.6	88.4	1,592	88.8	80.5	88.9	10.0	92.9	88.7	2.4
Black	11.2	7.1	125	7.0	6.3	7.0	0.8	7.3	7.0	13.1
Other	7.0	4.5	77	4.3	3.7	4.1	0.5	4.5	4.3	20.1
Hispanic Descent										
Yes	10.7	6.8	122	6.8	6.2	6.8	0.8	7.3	7.0	14.4
No	146.1	93.2	1,671	93.2	84.4	93.2	10.4	97.4	93.0	2.9
1993 Family Income										
Less than \$5,000	3.1	1.9	35	2.0	1.7	1.9	0.2	2.0	1.9	21.9
\$5,000 to \$9,999	7.8	5.0	77	4.3	4.0	4.4	0.5	4.6	4.3	14.8
\$10,000 to \$14,999	12.5	8.0	128	7.1	6.6	7.3	0.8	7.6	7.3	9.9
\$15,000 to \$19,999	14.2	9.1	152	8.5	8.0	8.8	1.0	9.1	8.7	10.1
\$20,000 to \$24,999	14.4	9.2	158	8.8	8.0	8.9	1.0	9.3	8.9	9.3
\$25,000 to \$34,999	24.1	15.4	287	16.0	14.7	16.2	1.8	16.9	16.2	6.4
\$35,000 to \$49,999	33.6	21.4	390	21.7	19.5	21.5	2.4	22.6	21.5	6.2
\$50,000 to \$74,999	28.0	17.9	331	18.5	16.2	17.9	2.0	18.7	17.9	7.0
\$75,000 or More	19.1	12.2	234	13.1	11.9	13.1	1.5	13.9	13.3	9.7
Below Poverty Line										
100 Percent	12.4	7.9	133	7.4	6.9	7.6	0.9	8.0	7.7	11.2
125 Percent	18.2	11.6	199	11.1	10.3	11.4	1.3	11.9	11.4	10.4
150 Percent	25.7	16.4	285	15.9	14.7	16.3	1.8	17.0	16.3	9.8
Eligible for Federal Assistance¹	31.8	20.3	347	19.4	17.9	19.7	2.2	20.7	19.7	8.6
Number of Drivers² (Fall 1993)										
1	32.4	20.6	334	18.6	16.5	18.2	2.0	19.2	18.3	5.4
2	91.6	58.5	1,061	59.2	54.3	59.9	6.7	62.8	59.9	3.3
3	22.2	14.2	267	14.9	13.4	14.8	1.7	15.5	14.8	9.3
4 or More	9.7	6.2	124	6.9	6.0	6.6	0.7	6.9	6.6	14.0
Age of Primary Driver										
16 to 17 Years	1.1	0.7	11	0.6	0.5	0.6	0.1	0.6	0.5	32.4
18 to 22 Years	4.4	2.8	56	3.1	2.5	2.8	0.3	2.9	2.8	14.7
23 to 29 Years	8.4	5.3	111	6.2	5.1	5.6	0.6	5.9	5.6	9.8
30 to 39 Years	22.6	14.4	276	15.4	14.0	15.4	1.7	16.3	15.5	6.0
40 to 49 Years	22.3	14.2	276	15.4	14.0	15.5	1.7	16.3	15.6	5.9
50 to 59 Years	14.9	9.5	174	9.7	9.0	10.0	1.1	10.5	10.0	7.9
60 to 69 Years	10.6	6.8	99	5.5	5.3	5.8	0.7	6.2	5.9	9.5
70 to 79 Years	8.6	5.5	68	3.8	3.7	4.1	0.4	4.2	4.1	9.7
80 Years and Over	2.6	1.6	16	0.9	0.9	1.0	0.1	1.0	1.0	18.5
Don't Know	61.3	39.1	707	39.4	35.6	39.3	4.4	40.9	39.0	7.3
Sex of Primary Driver										
Female	43.4	27.7	506	28.2	23.5	26.0	2.9	27.3	26.1	2.8
Male	52.2	33.3	581	32.4	31.5	34.7	3.9	36.5	34.9	3.1
Don't Know	61.2	39.0	706	39.4	35.6	39.3	4.4	40.9	39.0	7.2

See footnotes at end of table.

Table 5.1. U.S. Number of Vehicles, Vehicle-Miles, Motor Fuel Consumption and Expenditures, 1994 (Continued)

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles		Vehicle-Miles Traveled		Motor Fuel Consumption			Motor Fuel Expenditures		RSE Row Factor:
	(million)	(percent)	(billion)	(percent)	(billion gallons)	(gallon percent)	(quadril- lion Btu)	(billion dollars)	(percent)	
	0.9	0.8	1.1	1.0	1.1	1.0	1.1	1.1	1.0	
RSE Column Factor:										
Average Number of Vehicles per Household During the Year										
Part-Year Vehicle	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Only 1	28.6	18.2	306	17.1	14.8	16.4	1.8	17.3	16.5	6.0
Between 1 and 2	8.4	5.4	107	6.0	5.4	6.0	0.7	6.3	6.0	13.6
Only 2	56.9	36.3	659	36.7	32.9	36.4	4.1	38.1	36.4	4.5
Between 2 and 3	13.5	8.6	163	9.1	8.5	9.4	1.1	9.8	9.4	8.7
Only 3	25.2	16.1	274	15.3	14.5	16.0	1.8	16.8	16.0	7.9
Between 3 and 4	7.9	5.1	100	5.6	4.9	5.5	0.6	5.6	5.4	14.8
4 or More	14.8	9.5	169	9.4	8.7	9.6	1.1	10.1	9.6	12.5
<i>Vehicle Characteristics</i>										
Model Year										
1994 to 1995	7.2	4.6	103	5.7	5.0	5.5	0.6	5.8	5.5	9.8
1993	10.4	6.6	142	7.9	6.6	7.3	0.8	7.7	7.4	7.3
1992	11.4	7.3	149	8.3	6.9	7.7	0.9	8.0	7.7	7.1
1989 to 1991	35.0	22.3	436	24.3	20.7	22.8	2.6	23.9	22.8	4.1
1986 to 1988	36.3	23.1	411	22.9	19.0	20.9	2.4	22.0	21.0	5.0
1983 to 1985	25.6	16.3	270	15.1	13.3	14.7	1.7	15.3	14.6	6.5
1980 to 1982	10.9	7.0	107	6.0	5.6	6.1	0.7	6.4	6.1	10.5
1977 to 1979	9.5	6.0	88	4.9	6.3	7.0	0.8	7.3	7.0	12.9
1976 or Earlier	10.6	6.8	87	4.9	7.2	7.9	0.9	8.2	7.8	13.9
Type of Vehicle										
Passenger Car	106.4	67.9	1,200	66.9	54.7	60.4	6.8	63.3	60.4	2.5
Minivan	8.1	5.2	108	6.0	5.5	6.1	0.7	6.3	6.0	8.5
Sport Utility	9.5	6.1	121	6.7	7.4	8.2	0.9	8.7	8.3	8.9
Large Van	3.4	2.2	40	2.2	2.9	3.2	0.4	3.3	3.1	14.9
Pickup Truck	28.8	18.4	320	17.8	19.6	21.7	2.4	22.6	21.6	5.4
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Fuel Efficiency (miles per gallon)										
10.9 or Less	7.0	4.5	39	2.2	4.1	4.6	0.5	4.7	4.5	13.0
11 to 12.9	8.9	5.7	79	4.4	6.5	7.2	0.8	7.6	7.3	12.0
13 to 15.9	18.9	12.0	183	10.2	12.6	13.9	1.6	14.5	13.9	7.2
16 to 18.9	26.5	16.9	278	15.5	15.9	17.5	2.0	18.4	17.6	6.0
19 to 21.9	35.2	22.4	423	23.6	20.8	22.9	2.6	24.2	23.1	5.1
22 to 24.9	28.2	18.0	361	20.1	15.5	17.1	1.9	17.8	17.0	6.1
25 to 29.9	24.9	15.9	324	18.1	12.0	13.3	1.5	13.8	13.2	5.2
30 or More	7.2	4.6	105	5.9	3.2	3.5	0.4	3.6	3.5	13.5
Engine Size (liters)										
2.49 or Less	59.8	38.2	699	39.0	27.4	30.3	3.4	31.7	30.2	3.9
2.50 to 3.49	30.1	19.2	364	20.3	17.5	19.3	2.2	20.3	19.4	4.6
3.50 to 4.49	24.0	15.3	283	15.8	15.1	16.6	1.9	17.3	16.5	6.5
4.50 or Greater	42.8	27.3	448	25.0	30.6	33.8	3.8	35.5	33.9	4.8

See footnotes at end of table.

Table 5.1. U.S. Number of Vehicles, Vehicle-Miles, Motor Fuel Consumption and Expenditures, 1994 (Continued)

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles		Vehicle-Miles Traveled		Motor Fuel Consumption			Motor Fuel Expenditures		RSE Row Factor:
	(million)	(percent)	(billion)	(percent)	(billion gallons)	(gallon percent)	(quadril- lion Btu)	(billion dollars)	(percent)	
	0.9	0.8	1.1	1.0	1.1	1.0	1.1	1.1	1.0	
RSE Column Factor:										
Number of Cylinders										
4	61.5	39.2	713	39.8	28.3	31.2	3.5	32.6	31.2	3.5
6	52.3	33.4	631	35.2	32.3	35.7	4.0	37.4	35.7	3.5
8	41.6	26.6	435	24.3	29.4	32.5	3.6	34.1	32.5	4.8
Other	1.3	0.8	14	0.8	0.5	0.6	0.1	0.7	0.6	25.8
Type of Transmission										
Automatic	117.5	75.0	1,337	74.6	69.8	77.1	8.6	80.6	77.0	2.2
Manual Shift	39.3	25.0	456	25.4	20.7	22.9	2.6	24.1	23.0	5.6
Type of Drive										
Front-Wheel	74.9	47.8	891	49.7	38.1	42.1	4.7	44.0	42.0	3.0
Rear-Wheel	64.3	41.0	693	38.6	39.7	43.9	4.9	45.8	43.7	4.0
4-Wheel	17.6	11.2	209	11.7	12.7	14.0	1.6	14.9	14.2	7.4
Type of Fuel System										
Carburetor	76.4	48.7	802	44.7	43.9	48.4	5.4	50.6	48.3	3.9
Fuel Injection	78.2	49.9	966	53.9	45.3	50.0	5.6	52.4	50.0	2.9
Diesel Engine	2.2	1.4	25	1.4	1.4	1.6	0.2	1.8	1.7	19.7
Type of Fuel Purchased										
Motor Gasoline	153.4	97.9	1,752	97.7	88.3	97.5	11.0	102.0	97.4	2.8
Unleaded	151.5	96.7	1,736	96.8	87.0	96.1	10.9	100.6	96.0	2.8
Regular Grade	104.2	66.4	1,199	66.9	59.9	66.1	7.5	66.3	63.3	2.5
Intermediate Grade	20.6	13.2	238	13.3	11.7	12.9	1.5	14.2	13.6	6.5
Premium Grade	26.7	17.1	299	16.6	15.4	17.0	1.9	20.0	19.1	6.4
Leaded	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Gasohol	1.4	0.9	17	0.9	0.9	1.0	0.0	1.0	1.0	26.6
Diesel Fuel	1.8	1.1	22	1.2	1.2	1.3	0.2	1.5	1.4	22.1
Type of Primary Service										
Full-Service Pumps	13.8	8.8	137	7.6	6.8	7.5	0.8	8.0	7.7	16.1
Self or Mini-Service Pumps	139.8	89.2	1,624	90.5	82.0	90.5	10.2	94.6	90.3	2.2
Both Equally	2.9	1.8	30	1.6	1.6	1.7	0.2	1.9	1.8	28.2
Bulk Sales/Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Vehicle Used for Commuting to and from Work										
Yes	95.3	60.8	1,175	65.5	58.2	64.2	7.2	67.3	64.2	2.6
No	61.5	39.2	618	34.5	32.4	35.8	4.0	37.5	35.8	4.1

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.