

Table 5.3. U.S. per Vehicle Miles Traveled, Vehicle Fuel Consumption and Expenditures, 1994

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles (million)	Average per Vehicle			Miles per Gallon	RSE Row Factor:
		Vehicle-Miles Traveled (thousands)	Consumption (gallons)	Expenditures (dollars)		
RSE Column Factor:	1.8	1.0	1.0	1.0	0.5	
<i>Household Characteristics</i>						
Total	156.8	11.4	578	668	19.8	1.4
Census Region and Division						
Northeast	26.6	11.3	545	647	20.7	2.3
New England	7.6	11.1	542	637	20.4	3.9
Middle Atlantic	19.0	11.3	545	651	20.8	2.7
Midwest	41.1	11.6	580	644	20.1	2.3
East North Central	29.0	11.6	574	639	20.1	2.8
West North Central	12.1	11.8	592	656	20.0	3.4
South	56.0	11.7	598	673	19.6	2.5
South Atlantic	28.4	12.1	601	676	20.2	2.7
East South Central	11.1	10.9	571	647	19.0	5.7
West South Central	16.4	11.6	612	686	18.9	5.6
West	33.1	10.9	568	706	19.1	4.0
Mountain	9.8	10.7	599	736	17.9	6.5
Pacific	23.3	10.9	555	693	19.7	4.7
Largest Populated States						
California	17.0	11.1	559	702	19.8	5.5
Florida	8.8	11.8	580	662	20.3	1.9
New York	7.8	11.4	545	645	20.9	4.6
Texas	11.0	11.3	598	669	18.8	6.8
Urban Status						
Urban	119.4	11.4	565	658	20.1	1.7
Central City	40.1	10.8	535	628	20.2	3.4
Suburban	79.3	11.7	581	674	20.1	1.9
Rural	37.4	11.6	617	699	18.8	2.3
Household Size						
1 Person	19.5	10.1	492	571	20.5	3.9
2 Persons	55.4	10.9	553	637	19.7	2.3
3 Persons	31.7	11.9	596	689	20.1	3.0
4 Persons	29.5	12.0	615	711	19.6	3.6
5 Persons	14.4	12.2	630	729	19.4	5.0
6 or More Persons	6.3	13.3	673	786	19.7	7.4
Household Composition						
Households with Children	64.6	12.3	625	722	19.7	2.2
Age of Oldest Child						
Under 7 Years	17.1	12.1	606	702	20.0	4.8
7 to 15 Years	32.3	12.3	633	732	19.5	3.1
16 or 17 Years	15.2	12.5	630	725	19.9	4.4
Households Without Children	92.2	10.8	545	630	19.9	2.0
One Adult	19.5	10.1	492	571	20.5	3.9
Age of Householder						
Under 35 Years	4.1	13.0	601	703	21.6	8.6
35 to 59 Years	7.6	11.2	547	636	20.5	5.8
60 Years or More	7.9	7.6	384	441	19.7	5.7
Two or More Adults	72.6	11.0	559	645	19.7	2.2
Age of Householder						
Under 35 Years	13.8	12.7	585	678	21.6	5.7
35 to 59 Years	33.9	11.6	594	688	19.5	3.3
60 Years or More	24.9	9.3	495	570	18.8	3.6

See footnotes at end of table.

Table 5.3. U.S. per Vehicle Miles Traveled, Vehicle Fuel Consumption and Expenditures, 1994 (Continued)

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles (million)	Average per Vehicle			Miles per Gallon	RSE Row Factor:
		Vehicle-Miles Traveled (thousands)	Consumption (gallons)	Expenditures (dollars)		
RSE Column Factor:	1.8	1.0	1.0	1.0	0.5	
Race of Householder						
White	138.6	11.5	581	670	19.8	1.4
Black	11.2	11.2	564	655	19.8	5.5
Other	7.0	10.9	531	645	20.5	7.6
Hispanic Descent						
Yes	10.7	11.4	579	687	19.7	6.2
No	146.1	11.4	578	667	19.8	1.4
1993 Family Income						
Less than \$5,000	3.1	11.5	558	659	20.7	10.4
\$5,000 to \$9,999	7.8	9.9	510	581	19.3	9.7
\$10,000 to \$14,999	12.5	10.2	529	611	19.4	4.8
\$15,000 to \$19,999	14.2	10.7	562	644	19.0	4.7
\$20,000 to \$24,999	14.4	11.0	558	647	19.8	5.1
\$25,000 to \$34,999	24.1	11.9	610	703	19.6	3.7
\$35,000 to \$49,999	33.6	11.6	580	671	20.0	2.7
\$50,000 to \$74,999	28.0	11.8	579	668	20.4	3.0
\$75,000 or More	19.1	12.3	620	727	19.8	4.2
Below Poverty Line						
100 Percent	12.4	10.7	558	647	19.2	6.8
125 Percent	18.2	10.9	568	655	19.2	5.4
150 Percent	25.7	11.1	574	664	19.3	5.0
Eligible for Federal Assistance¹	31.8	10.9	562	651	19.4	4.2
Number of Drivers² (Fall 1993)						
1	32.4	10.3	511	593	20.2	3.0
2	91.6	11.6	592	685	19.6	1.8
3	22.2	12.0	604	696	19.9	4.3
4 or More	9.7	12.8	615	709	20.8	5.7
Age of Primary Driver						
16 to 17 Years	1.1	9.6	453	510	21.2	15.8
18 to 22 Years	4.4	12.9	581	664	22.1	7.4
23 to 29 Years	8.4	13.3	605	704	22.0	4.3
30 to 39 Years	22.6	12.2	618	719	19.7	3.0
40 to 49 Years	22.3	12.4	629	732	19.7	2.9
50 to 59 Years	14.9	11.6	605	703	19.2	3.8
60 to 69 Years	10.6	9.3	498	580	18.7	4.4
70 to 79 Years	8.6	7.9	427	493	18.5	4.8
80 Years and Over	2.6	6.1	345	395	17.7	12.1
Don't Know	61.3	11.5	580	667	19.9	4.1
Sex of Primary Driver						
Female	43.4	11.7	542	629	21.5	1.8
Male	52.2	11.1	603	700	18.5	2.0
Don't Know	61.2	11.5	581	668	19.9	4.1

See footnotes at end of table.

Table 5.3. U.S. per Vehicle Miles Traveled, Vehicle Fuel Consumption and Expenditures, 1994 (Continued)

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles (million)	Average per Vehicle			Miles per Gallon	RSE Row Factor:
		Vehicle-Miles Traveled (thousands)	Consumption (gallons)	Expenditures (dollars)		
RSE Column Factor:	1.8	1.0	1.0	1.0	0.5	
Average Number of Vehicles per Household During the Year						
Part-Year Vehicle	Q	Q	Q	Q	Q	NF
Only 1	28.6	10.7	518	605	20.7	3.2
Between 1 and 2	8.4	12.6	642	740	19.7	5.3
Only 2	56.9	11.6	579	670	20.0	2.3
Between 2 and 3	13.5	12.0	630	724	19.1	4.1
Only 3	25.2	10.9	576	664	18.9	4.0
Between 3 and 4	7.9	12.7	623	708	20.3	7.1
4 or More	14.8	11.4	588	679	19.5	4.6
<i>Vehicle Characteristics</i>						
Model Year						
1994 to 1995	7.2	14.3	697	809	20.5	4.4
1993	10.4	13.7	641	746	21.4	3.8
1992	11.4	13.1	610	706	21.5	3.6
1989 to 1991	35.0	12.4	590	682	21.1	2.4
1986 to 1988	36.3	11.3	522	606	21.7	2.7
1983 to 1985	25.6	10.6	520	598	20.3	3.6
1980 to 1982	10.9	9.8	510	588	19.3	6.3
1977 to 1979	9.5	9.3	671	773	13.9	8.0
1976 or Earlier	10.6	8.2	676	776	12.2	8.1
Type of Vehicle						
Passenger Car	106.4	11.3	514	595	21.9	1.5
Minivan	8.1	13.4	682	782	19.7	3.5
Sport Utility	9.5	12.7	778	911	16.3	4.3
Large Van	3.4	11.7	844	966	13.8	9.3
Pickup Truck	28.8	11.1	682	786	16.3	2.9
Other	Q	Q	Q	Q	Q	NF
Fuel Efficiency (miles per gallon)						
10.9 or Less	7.0	5.6	586	675	9.5	7.5
11 to 12.9	8.9	8.8	733	856	12.0	8.0
13 to 15.9	18.9	9.7	666	770	14.6	4.2
16 to 18.9	26.5	10.5	599	694	17.5	3.2
19 to 21.9	35.2	12.0	590	688	20.4	2.6
22 to 24.9	28.2	12.8	550	630	23.3	2.4
25 to 29.9	24.9	13.0	483	554	27.0	2.5
30 or More	7.2	14.7	443	508	33.3	4.5
Engine Size (liters)						
2.49 or Less	59.8	11.7	458	529	25.5	2.3
2.50 to 3.49	30.1	12.1	580	673	20.8	2.3
3.50 to 4.49	24.0	11.7	626	720	18.8	3.6
4.50 or Greater	42.8	10.5	716	829	14.6	2.6

See footnotes at end of table.

Table 5.3. U.S. per Vehicle Miles Traveled, Vehicle Fuel Consumption and Expenditures, 1994 (Continued)

1993 Household and 1994 Vehicle Characteristics	Number of Vehicles (million)	Average per Vehicle			Miles per Gallon	RSE Row Factor:
		Vehicle-Miles Traveled (thousands)	Consumption (gallons)	Expenditures (dollars)		
RSE Column Factor:	1.8	1.0	1.0	1.0	0.5	
Number of Cylinders						
4	61.5	11.6	460	530	25.2	2.1
6	52.3	12.1	618	714	19.5	2.2
8	41.6	10.5	706	818	14.8	2.7
Other	1.3	10.6	411	507	25.9	14.8
Type of Transmission						
Automatic	117.5	11.4	594	686	19.1	1.6
Manual Shift	39.3	11.6	528	615	22.0	3.0
Type of Drive						
Front-Wheel	74.9	11.9	509	588	23.4	1.4
Rear-Wheel	64.3	10.8	618	713	17.4	2.6
4-Wheel	17.6	11.9	722	846	16.5	3.4
Type of Fuel System						
Carburetor	76.4	10.5	574	662	18.3	2.5
Fuel Injection	78.2	12.4	579	670	21.3	1.4
Diesel Engine	2.2	11.5	652	812	17.6	12.4
Type of Fuel Purchased						
Motor Gasoline	153.4	11.4	575	665	19.8	1.4
Unleaded	151.5	11.5	574	664	19.9	1.4
Regular Grade	104.2	11.5	575	637	20.0	1.7
Intermediate Grade	20.6	11.5	567	690	20.3	3.0
Premium Grade	26.7	11.2	577	750	19.3	3.2
Leaded	Q	Q	Q	Q	Q	NF
Gasohol	1.4	11.7	663	718	17.7	12.8
Diesel Fuel	1.8	12.0	673	838	17.8	13.7
Type of Primary Service						
Full-Service Pumps	13.8	9.9	492	584	20.2	6.0
Self or Mini-Service Pumps	139.8	11.6	587	677	19.8	1.5
Both Equally	2.9	10.3	546	648	18.8	12.5
Bulk Sales/Other	Q	Q	Q	Q	Q	NF
Vehicle Used for Commuting to and from Work						
Yes	95.3	12.3	611	706	20.2	1.6
No	61.5	10.0	527	609	19.1	2.4

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.