

Table A6. U.S. Average Vehicle Fuel Consumption by Model Year, 2001 (Gallons per Vehicle)

2001 Household and Vehicle Characteristics	All Model Years	Model Year														
		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or earlier	Don't Know
<i>Household Characteristics</i>																
Total	592	744	717	733	681	662	625	611	586	487	460	424	385	379	577	419
Census Region and Division																
Northeast.....	571	643	682	682	670	639	609	571	546	455	461	357	409	292	551	304
New England.....	580	668	695	695	727	654	575	613	550	429	483	402	273	489	526	290
Middle Atlantic	567	633	677	676	635	631	627	549	544	464	450	340	503	218	562	310
Midwest	590	746	700	728	690	636	646	620	583	488	426	443	372	372	558	391
East North Central.....	590	750	702	736	689	630	641	576	567	481	429	418	390	342	572	299
West North Central	592	732	693	709	695	648	658	711	622	502	419	480	345	411	508	503
South.....	615	790	762	722	699	694	641	592	623	517	465	396	410	394	609	398
South Atlantic.....	603	741	737	671	706	678	638	578	595	533	469	392	481	399	540	400
East South Central.....	624	924	815	820	654	831	646	638	620	508	457	343	309	338	702	351
West South Central.....	635	825	787	770	712	646	646	595	672	491	464	436	355	458	665	428
West.....	573	711	680	722	668	613	592	608	552	502	483	504	388	376	551	505
Mountain	598	714	652	840	635	637	604	643	554	456	485	493	451	381	587	808
Pacific	562	710	692	679	679	602	586	593	552	519	482	508	358	373	535	380
Urban Status																
Urban	570	698	676	679	655	620	600	564	560	481	440	430	400	375	552	439
Rural	660	872	853	850	783	767	715	708	661	541	510	439	378	374	639	420
Household Size																
1 Person	462	619	598	620	531	531	497	497	468	378	357	332	305	301	467	285
2 Persons	556	688	687	651	652	604	578	531	546	455	449	367	327	369	540	490
3 Persons	627	762	713	783	693	660	616	642	619	536	512	529	562	429	634	408
4 Persons.....	657	811	775	786	755	758	727	690	615	578	490	486	418	354	627	405
5 Persons.....	667	810	810	797	792	748	736	695	676	574	467	406	359	484	584	497
6 or More Persons	709	872	697	592	751	876	934	739	633	740	604	533	706	426	667	528
Household Composition (EIA)¹																
Households With Children.....	665	809	781	802	774	738	715	688	653	576	503	502	455	439	600	442
Age of Oldest Child																
Under 7 Years.....	665	829	763	825	734	724	705	691	640	556	487	428	615	502	536	419
7 to 15 Years.....	670	799	781	788	785	771	736	727	670	584	488	540	427	406	594	415
16 to 17 Years.....	659	806	804	808	797	676	676	607	630	575	552	471	424	489	690	531
Households Without Children.....	540	682	667	655	624	589	560	537	535	441	427	388	348	340	553	428
One Adult.....	462	640	587	639	559	557	516	505	506	418	388	382	355	308	507	405
Age of Householder																
Under 35 Years.....	622	809	582	725	660	699	607	550	622	506	478	516	510	320	620	701
35 to 59 Years.....	522	663	706	755	638	537	610	585	537	461	401	337	278	345	492	227
60 Years or More.....	351	448	473	437	380	435	330	380	359	286	284	292	276	258	410	286
Two or More Adults.....	563	707	672	683	640	614	582	545	568	483	463	430	349	376	593	473

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(Continued)**

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Age of Householder																
Under 35 Years.....	634	789	678	785	619	677	621	560	649	577	505	495	325	403	674	413
35 to 59 Years.....	593	731	749	690	724	673	601	587	600	475	473	410	424	336	558	371
60 Years or More.....	492	600	588	575	577	492	524	487	454	398	411	386	298	390	548	636
Household Composition (NHTS)²																
One adult, no children	530	681	691	729	615	579	552	558	540	446	382	360	340	323	533	274
2+ adults, no children	610	751	719	712	698	654	617	603	611	513	493	427	405	364	614	389
One adult, youngest child 0-5	611	845	644	602	620	687	659	532	667	596	456	462	538	277	696	423
2+ adults, youngest child 0-5	676	828	775	809	781	716	752	693	662	585	496	528	450	473	546	454
One adult, youngest child 6-15 ...	629	717	682	687	716	744	608	699	577	644	533	495	316	314	375	395
2+ adults, youngest child 6-15 ...	673	805	808	810	802	774	715	713	671	562	505	522	474	421	649	411
One adult, youngest child 16-21 ..	588	637	771	856	642	861	619	527	478	513	446	332	202	532	503	1,273
2+ adults, youngest child 16-21 ..	612	757	749	791	667	640	668	600	627	518	541	406	449	340	619	417
One adult, retired, no children ..	347	452	454	434	394	414	329	356	350	277	296	272	269	265	356	304
2+ adults, retired, no children ..	491	602	601	563	583	538	503	460	451	401	394	390	295	376	532	570
Race of Householder																
White.....	593	739	723	714	685	645	628	605	592	487	450	408	406	367	557	443
Black	566	716	639	698	610	626	575	551	539	543	527	438	235	412	616	353
Other	606	636	782	628	924	769	616	525	579	581	457	547	369	615	696	583
Hispanic Descent																
Yes	627	781	730	825	797	722	653	572	585	570	476	569	349	371	591	414
No.....	589	732	715	709	678	647	625	600	585	489	458	417	397	375	571	434
Family Income																
Less than \$5,000.....	458	552	575	639	390	296	531	393	490	437	496	325	154	158	613	188
\$5,000 to \$9,999.....	464	546	459	916	455	588	431	571	506	446	393	461	337	323	588	315
\$10,000 to \$14,999	448	547	482	477	509	513	535	437	488	409	443	430	439	303	489	291
\$15,000 to \$19,999	510	567	650	527	552	520	511	484	552	478	469	392	410	538	545	603
\$20,000 to \$24,999	500	706	526	610	600	447	610	536	611	452	363	385	312	383	512	350
\$25,000 to \$34,999.....	543	658	679	654	624	590	525	623	559	483	451	389	356	391	591	376
\$35,000 to \$49,999.....	598	726	697	680	725	674	670	614	591	536	496	446	418	335	560	425
\$50,000 to \$74,999	653	791	716	783	712	689	659	667	635	538	510	465	408	396	605	665
\$75,000 or More	648	761	778	758	744	726	675	602	607	504	441	425	475	386	599	334
Don't Know.....	531	648	686	654	597	554	565	498	485	444	390	558	313	362	565	465
Income Relative to Poverty Line																
Below 100 Percent.....	491	622	566	756	486	538	469	497	526	489	475	423	368	329	569	314
100 to 150 Percent	537	738	641	528	581	635	662	572	574	478	466	438	416	342	540	581
Above 150 Percent	607	744	724	727	704	665	636	612	596	503	461	423	401	387	579	428
Don't Know.....	539	648	686	654	597	554	565	498	485	444	390	558	313	362	565	465
Number of Drivers																
1.....	495	633	611	611	552	546	530	518	485	421	378	336	344	305	490	298

**Table A6. U.S. Average Vehicle Fuel Consumption by Model Year, 2001 (Gallons per Vehicle)
(Continued)**

2001 Household and Vehicle Characteristics	All Model Years	Model Year														1976 or earlier	Don't Know
		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979			
2.....	615	751	730	737	724	685	641	610	594	522	475	436	376	400	577	470	
3.....	616	748	750	734	693	646	612	641	633	503	481	518	491	393	637	434	
4 or More	629	929	742	764	806	734	871	902	618	451	470	426	369	455	568	562	
Age of Primary Driver																	
16 to 17 Years.....	592	742	736	390	446	468	479	542	574	463	586	436	336	348	653	795	
18 to 22 Years.....	640	758	696	692	582	701	699	602	670	560	486	686	443	427	734	576	
23 to 29 Years.....	619	850	721	713	655	693	648	611	641	556	548	563	472	465	588	419	
30 to 39 Years.....	672	768	774	795	789	726	717	662	661	594	491	472	511	429	576	422	
40 to 49 Years.....	646	792	789	785	768	684	667	665	626	547	460	438	398	415	626	387	
50 to 59 Years.....	595	732	727	724	703	650	597	600	602	504	498	392	364	388	562	360	
60 to 69 Years.....	515	651	613	567	601	529	535	518	514	412	435	383	263	363	537	661	
70 to 79 Years.....	396	550	494	481	457	444	427	362	376	326	305	389	224	242	390	350	
80 Years and Over.....	306	328	347	379	358	280	343	325	325	253	250	254	275	246	439	505	
Don't Know.....	365	668	688	784	696	745	640	610	533	463	452	422	447	354	569	397	
Sex of Householder																	
Male.....	606	783	720	747	705	668	648	606	600	514	468	441	372	363	545	441	
Female	582	702	713	695	674	643	611	593	574	482	453	426	415	386	582	424	
Vehicle Characteristics																	
Type of Vehicle																	
Passenger Car	489	577	578	560	548	544	521	497	497	443	391	386	356	344	473	342	
Vans (Large and Minivans).....	690	820	753	833	808	704	719	758	657	590	556	388	417	366	662	359	
Sport Utility Vehicle	802	835	862	881	896	867	815	769	841	674	550	625	383	551	717	597	
Pickup Truck	708	1,001	921	972	863	842	791	757	714	577	563	453	410	347	664	429	
Recreational Vehicle.....	1,143	1,181	2,923	835	933	545	621	943	975	766	704	1,221	804	603	1,537	2,799	
Fuel Economy (miles per gallon)																	
10.9 or Less.....	328	640	1,792	549	777	325	421	461	381	257	263	358	352	223	659	312	
11 to 12.9	263	316	234	223	301	215	216	280	279	224	242	206	207	241	291	344	
13 to 15.9	563	873	726	870	782	666	641	574	571	426	377	340	311	443	423	435	
16 to 18.9.....	647	879	828	846	789	800	737	664	617	456	448	451	460	556	626	734	
19 to 21.9	605	677	666	647	652	620	619	615	567	570	606	578	519	467	543	306	
22 to 24.9	634	696	704	677	680	627	632	622	677	571	501	429	368	477	710	679	
25 to 29.9	601	613	646	595	617	623	631	560	593	539	511	499	473	357	533	1,515	
30 or More	519	501	562	762	492	584	457	542	474	478	431	507	475	#N/A	438	231	

1 = "Household Composition (EIA)" represents an equivalent category with previous household transportation studies conducted by the Energy Information Administration (EIA).

2 = "Household Composition (NHTS)" represents an equivalent category in the National Household Travel Survey (NHTS) conducted by the U.S. Department of Transportation.

underlined = Estimate, when rounded, displays as a zero value.

in red, italic format = Data withheld either because the relative standard error was greater than 50 percent or fewer than 10 reporting units

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2001 Household and Vehicle Characteristics	All Model Years	Model Year													
		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or earlier

were sampled.

Notes: ▪ "Gallons" and "Miles Per Gallon" are displayed in Gallon of Gasoline Equivalent (GGE) units due to the non-gasoline and diesel vehicles in the augmented NHTS data. ▪ Data in this table are for households with passenger vehicles operated for residential transportation. ▪ See glossary for definitions used in this table. ▪ "Income Relative to Poverty Line" category was calculated by evaluating the categorical average of household with Poverty Thresholds for 2001 by Size of Family and Number of Related Children Under 18 Years (<http://www.census.gov/hhes/poverty/threshld.html>), as published by the U.S. Department of Commerce, U.S. Census Bureau. ▪ Because of independent rounding, data may not sum to totals. ▪ "Householder" is defined as the person identified as the household respondent by the NHTS.

Sources: ▪ Energy Information Administration (EIA), Office of Oil and Gas, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report," Form EIA-888, "On-Highway Diesel Fuel Price Survey," Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," ▪ EIA, Office of Coal, Nuclear, Electric, and Alternate Fuels, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." ▪ U.S. Department of Transportation, 2001 National Household Travel Survey (NHTS), January 2004 public-use file augmented by EIA. See http://www.eia.doe.gov/emeu/rtecs/nhts_survey/2001/index.html for details on augmentations to NHTS public-use data.