

Table 33. Transportation Sector Energy Use by Mode and Type (1 of 2)
(Trillion Btu)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020
Energy Use by Mode																						
Highway																						
Light-Duty Vehicles	14970.8	15191.3	15547.6	16054.3	16307.0	16743.0	17049.5	17379.1	17749.2	18129.3	18465.4	18843.9	19193.1	19518.8	19800.2	20071.6	20352.8	20620.8	20874.5	21140.7	21367.4	1.8%
Automobiles	8641.2	8577.7	8554.5	8628.8	8632.3	8639.0	8622.6	8629.9	8669.2	8715.0	8763.0	8824.1	8891.3	8958.2	9010.9	9065.1	9131.3	9196.1	9256.6	9300.1	9367.4	0.4%
Light Trucks	6304.8	6609.0	6988.5	7400.7	7739.9	8079.1	8402.1	8724.4	9055.5	9389.2	9697.2	9994.5	10276.3	10534.9	10763.4	10980.5	11195.1	11398.3	11589.2	11783.8	11953.0	3.3%
Motorcycles	24.8	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.0	25.2	25.3	25.5	25.7	25.9	26.0	26.2	26.4	26.6	26.8	27.0	0.4%
Commercial Light Trucks 1/	737.6	624.1	635.5	653.3	669.1	686.3	701.0	734.2	751.9	771.8	790.6	806.3	821.8	835.5	848.9	861.3	874.6	888.9	902.5	913.6	918.4	1.8%
Buses	181.6	186.9	186.9	186.1	186.7	191.3	192.7	194.3	196.1	198.0	201.1	202.4	203.3	203.6	203.7	203.7	203.6	203.3	203.2	203.1	203.1	0.6%
Transit	86.9	89.4	89.4	89.0	90.7	91.5	92.2	92.9	93.8	94.7	95.5	96.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	0.6%
Intercity	23.3	24.0	24.0	24.2	24.4	24.6	24.8	25.0	25.2	25.4	25.7	25.8	26.0	26.1	26.2	26.2	26.2	26.2	26.1	26.1	26.1	0.6%
School	71.4	73.5	73.5	74.0	74.6	75.2	75.8	76.4	77.1	77.9	78.5	79.1	79.8	79.9	80.1	80.1	80.1	80.1	80.0	79.9	79.9	0.6%
Freight Trucks 2/	4523.4	4620.6	4709.9	4888.1	5046.4	5211.7	5323.6	5480.6	5603.1	5768.2	5935.5	6114.1	6292.0	6382.1	6494.0	6597.6	6697.8	6805.7	6912.5	7012.9	7099.1	2.3%
Medium (1000-26000 pounds)	758.0	756.0	763.0	779.6	791.5	804.6	810.2	821.1	834.2	851.9	871.6	884.5	913.8	934.3	954.7	976.2	988.6	1023.1	1048.6	1073.0	1094.7	1.9%
Large (> 26000 pounds)	3765.5	3864.6	3946.9	4108.5	4255.0	4407.1	4513.4	4639.5	4788.9	4916.3	5064.0	5219.6	5338.2	5447.8	5539.3	5621.4	5699.2	5782.6	5863.9	5939.9	6004.4	2.4%
Non-Highway																						
Air 3/	3113.2	3010.9	3060.4	3165.6	3250.2	3346.7	3433.7	3524.0	3644.6	3776.5	3912.5	4056.2	4184.0	4309.7	4439.2	4570.8	4714.4	4861.1	5004.6	5151.3	5286.8	2.7%
General Aviation	188.8	183.8	186.1	191.1	195.1	199.6	203.7	208.0	213.7	220.0	226.4	233.3	239.3	245.3	251.5	257.7	264.6	271.6	278.4	285.4	291.8	2.2%
Domestic Air Carriers	1812.1	1763.2	1807.3	1859.6	1897.0	1939.9	1973.5	2006.7	2058.5	2114.2	2170.1	2228.5	2280.9	2329.5	2378.0	2428.1	2481.0	2535.2	2585.1	2635.9	2677.0	2.0%
International Air Carriers	699.7	658.1	676.5	698.0	713.8	731.3	745.5	760.0	781.3	804.1	827.1	851.6	873.5	894.4	915.5	935.9	958.1	980.0	1000.3	1021.0	1037.9	2.2%
Freight Carriers	442.6	405.8	390.5	416.9	444.5	475.9	510.9	549.3	591.0	636.2	686.8	742.8	795.2	845.9	894.2	951.1	1010.7	1074.3	1140.8	1209.1	1280.0	5.2%
Water 4/	1713.0	1610.7	1638.5	1649.2	1656.7	1664.5	1671.2	1678.5	1687.2	1696.3	1706.0	1716.3	1725.1	1735.4	1745.5	1756.8	1768.0	1779.0	1794.1	1792.3	1800.5	0.2%
Freight	1400.7	1298.4	1324.9	1332.0	1336.7	1341.5	1346.9	1350.7	1356.1	1361.7	1367.8	1374.8	1381.7	1374.8	1387.0	1400.7	1424.2	1437.0	1442.3	1429.6	1429.6	0.1%
Domestic Shipping	302.1	308.7	309.4	315.0	318.1	321.4	324.3	327.7	331.5	335.4	340.0	345.0	348.5	353.6	358.5	363.7	368.8	372.5	376.6	379.6	383.1	1.2%
International Shipping	1098.6	989.6	1015.5	1017.0	1018.6	1020.1	1021.6	1023.1	1024.7	1026.4	1028.1	1029.8	1031.6	1033.4	1035.2	1037.1	1038.9	1040.8	1042.7	1044.8	1046.5	-0.2%
Recreational Boats	312.3	312.3	313.6	317.1	320.0	323.0	325.4	327.8	331.1	334.6	337.9	341.5	345.0	348.4	351.7	355.0	358.5	361.8	364.9	368.1	370.9	0.9%
Rail	594.9	613.1	625.9	616.6	625.7	634.8	641.7	648.7	652.9	656.5	664.3	675.9	690.2	693.6	697.0	691.4	699.3	704.5	709.4	714.6	718.4	1.0%
Freight	536.1	532.2	532.5	532.6	539.9	547.4	552.7	558.1	560.5	564.4	568.8	578.1	580.8	582.3	584.0	586.6	592.8	596.0	599.1	602.5	604.5	0.9%
Passenger	78.8	80.9	82.4	84.1	85.8	87.4	89.0	90.6	92.3	94.1	95.8	97.8	99.5	101.3	103.0	104.8	106.6	108.4	110.2	112.1	113.9	1.9%
Intercity	20.4	21.2	21.5	21.9	22.4	22.8	23.2	23.6	24.1	24.6	25.0	25.5	26.0	26.4	26.9	27.4	27.8	28.3	28.8	29.3	29.7	1.9%
Transit	44.3	45.1	46.1	47.0	47.9	48.9	49.7	50.6	51.6	52.6	53.6	54.6	55.6	56.6	57.6	58.6	59.6	60.6	61.6	62.6	63.6	1.8%
Commuter	14.1	14.6	14.9	15.1	15.5	15.8	16.0	16.3	16.6	17.0	17.3	17.6	17.9	18.3	18.6	18.9	19.2	19.5	19.9	20.2	20.5	1.9%
Lubricants	180.0	194.0	200.0	203.7	204.9	206.9	209.5	212.5	215.5	219.0	222.3	225.7	228.5	231.2	233.8	236.5	239.1	241.9	244.7	247.5	249.9	1.7%
Pipeline Fuel Natural Gas	791.8	790.0	772.7	791.1	795.9	795.5	807.8	817.8	831.8	842.9	860.4	865.3	901.2	916.8	930.0	950.2	966.2	982.2	998.5	1007.7	1018.6	1.3%
Military Use	620.4	644.2	686.7	684.4	697.5	700.9	705.3	710.8	717.1	724.8	732.1	738.3	742.0	744.0	748.9	749.4	751.7	753.6	755.4	756.9	758.2	1.0%
Aviation	509.4	525.5	564.0	570.4	572.9	579.3	583.8	589.0	595.3	601.3	606.4	609.4	611.3	613.5	615.4	617.0	618.0	619.0	620.4	621.7	622.8	1.0%
Residual Fuel Use	18.3	19.0	19.7	19.9	20.0	20.1	20.2	20.4	20.6	20.8	21.0	21.2	21.3	21.4	21.4	21.5	21.6	21.6	21.7	21.7	21.8	0.9%
Distillate Fuel Use	92.7	99.7	103.0	104.1	104.8	105.1	105.8	106.6	107.5	108.7	109.8	110.7	111.3	111.8	112.0	112.4	112.4	112.4	112.4	112.4	113.3	1.0%
Total	27316.7	27485.8	28044.0	28904.5	29533.1	30181.5	30736.0	31343.9	32032.1	32765.4	33490.0	34247.3	34914.9	35546.7	36118.8	36675.8	37252.0	37823.1	38375.9	38929.6	39415.6	1.9%
Energy Use by Type																						
Motor Gasoline	15989.7	16084.6	16389.4	16846.8	17144.7	17452.2	17723.9	18029.4	18375.5	18734.1	19074.2	19417.6	19749.3	20059.0	20326.6	20582.5	20848.8	21102.8	21348.0	21604.5	21821.7	1.6%
Distillate (diesel)	5418.0	5602.0	5712.0	5936.5	6138.0	6348.7	6506.6	6685.9	6888.5	7073.9	7279.2	7499.7	7671.0	7822.6	7974.0	8107.2	8239.5	8376.7	8507.7	8632.2	8739.5	2.4%
Jet Fuel (kerosene & naphtha)	3990.0	3494.0	3502.0	3693.6	3780.9	3880.1	3970.7	4055.6	4191.4	4329.8	4471.7	4620.5	4751.3	4878.7	5010.5	5144.3	5288.7	5438.0	5582.9	5730.9	5887.5	2.5%
Residual Oil	1138.0	1034.0	1060.0	1063.3	1065.7	1068.2	1073.1	1075.9	1078.9	1082.0	1085.3	1088.1	1091.3	1094.6	1097.9	1101.1	1104.1	1107.1	1109.8	1112.6	1116.6	-0.1%
Aviation Gasoline	42.6	42.5	42.4	42.3	42.3	42.3	42.2	42.2	42.2	42.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	-0.1%
Liquefied Petroleum Gas	44.7	55.0	63.7	72.4	78.6	83.1	85.6	87.2	89.1	91.1	92.8	94.7	96.0	97.4	98.4	100.4	101.4	102.3	103.4	104.3	104.3	4.3%
Lubricants	180.0	194.0	200.0	203.7	204.9	206.9	209.5	212.5	215.5	219.0	222.3	225.7	228.5	231.2	233.8	236.5	239.1	241.9	244.7	247.5	249.9	1.7%
Petroleum Subtotal	26372.9	26506.1	27049.4	27858.6	28455.0	29081.5	29609.2	30195.9	30858.1	31568.7	32264.4	32985.6	33626.3	34232.4	34779.1	35309.9	35860.8	36406.9	36944.9	37470.3	37937.6	1.8%
Methanol	7.4	11.2	14.8	18.3	21.0	23.0	24.3	24.6	24.9	25.2	25.4	25.4	25.5	25.5	25.6	25.6	25.6	25.8	25.9	25.9	26.0	6.5%
Ethanol	33.2	45.2	52.3	60.5	68.4	75.7	79.5	81.8	84.4	86.0	87.4	88.7	90.1	91.4	92.6	93.7	95.1	96.5	97.4	98.8	99.8	5.7%
Electricity	59.7	61.6																				

Table 33. Transportation Sector Energy Use by Mode and Type (1 of 2)
(Trillion Btu)

1/ Commercial light trucks from 5,000 to 10,000 pounds.

2/ Does not include commercial bus and military use.

3/ Does not include military jet fuel use.

4/ Does not include military residual oil.

Btu = British thermal unit.

Note: Totals may not equal sum of components due to independent rounding.

Sources: 2000 values derived using Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasts/steso/shortses/lo01.pdf>.

EIA, Fuel Oil and Kerosene Sales 1999, DOE/EIA-0325(99) (Washington, DC, September 2002); EIA, State Energy Data Report 1999, DOE/EIA-0114(99) (Washington, DC, May 2001);

Oak Ridge National Laboratory, Transportation Energy Data Book: 17, 18 and 19 (Oak Ridge, TN, September 1999); Department of Defense, Defense Fuel Supply Center; and EIA,

AEO2002 National Energy Modeling System run aeo2002.d102001b. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

**Table 34. Transportation Sector Energy Use by Fuel Type Within a Mode (1 of 2)
(Trillion Btu)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Light-Duty Vehicle																						
Motor Gasoline	14736.35	14883.58	15182.27	15623.80	15910.74	16205.60	16470.19	16765.05	17099.21	17443.15	17765.39	18090.50	18406.79	18700.76	18952.65	19194.65	19446.31	19684.33	19912.43	20152.48	20356.58	1.6%
Ethanol	33.21	46.23	52.26	60.23	68.42	75.71	79.52	81.65	84.38	85.99	87.41	88.73	90.09	91.44	92.61	93.70	95.13	96.48	97.40	98.91	99.75	5.7%
Compressed Natural Gas	50.61	70.30	89.31	107.23	130.28	129.30	134.52	138.16	141.85	145.31	148.75	151.96	154.95	157.57	159.93	162.24	164.48	166.58	168.40	170.43	172.21	6.3%
Liquefied Petroleum Gas	35.00	45.92	54.82	63.68	69.96	74.45	76.85	78.16	79.69	81.12	82.31	83.57	84.50	85.50	86.34	87.10	87.95	88.80	89.65	90.57	91.49	4.9%
Electricity	1.79	2.53	3.24	4.12	4.95	5.68	6.51	7.13	7.72	8.53	9.38	10.28	11.47	12.68	13.79	15.52	17.25	18.96	21.30	23.66	25.89	14.3%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.17	0.20	0.24	N/A
Distillate (diesel)	106.50	132.53	150.89	176.62	201.61	229.18	257.92	284.48	312.17	340.28	366.98	393.41	419.85	445.24	469.22	492.71	515.77	539.71	559.16	578.51	595.29	9.0%
Total	14870.83	15191.29	15547.55	16054.27	16397.00	16742.96	17048.45	17379.12	17749.68	18129.31	18486.43	18843.89	19193.13	19518.77	19800.21	20071.81	20322.61	20620.83	20874.46	21140.70	21367.43	1.8%
Commercial Light Trucks Gasoline 1/																						
Motor Gasoline	637.59	624.13	635.47	653.34	669.13	686.30	701.04	717.58	734.20	751.98	771.79	790.58	808.34	821.76	835.48	848.85	861.31	874.64	888.91	902.55	913.62	1.8%
Freight Trucks 2/																						
Motor Gasoline	274.64	265.83	249.25	243.70	235.87	228.28	218.29	209.80	201.81	195.22	189.71	185.62	181.63	178.61	176.20	174.41	173.11	172.51	172.19	171.82	171.08	-2.3%
Distillate (diesel)	4238.04	4354.28	4449.79	4632.60	4797.15	4967.88	5087.13	5229.20	5375.66	5542.84	5710.91	5888.72	6026.28	6155.48	6266.40	6368.81	6467.70	6573.93	6678.92	6777.84	6863.14	2.4%
Compressed Natural Gas	1.25	1.42	2.00	3.08	4.73	6.85	9.44	12.54	16.15	20.19	24.39	28.69	32.69	36.17	39.30	42.07	44.51	46.72	48.71	50.49	52.00	21.5%
Liquefied Petroleum Gas	9.70	9.07	8.83	8.75	8.68	8.69	8.76	8.93	9.44	9.97	10.52	11.08	11.51	11.86	12.11	12.30	12.45	12.58	12.70	12.79	12.86	1.4%
Total	4523.44	4620.60	4709.87	4888.13	5046.42	5211.69	5323.62	5460.57	5603.05	5768.22	5935.54	6114.10	6292.01	6382.10	6494.00	6597.59	6697.77	6805.74	6912.52	7012.94	7099.10	2.3%
Freight Rail 3/																						
Distillate (diesel)	506.09	532.17	523.47	532.58	539.93	547.38	552.68	558.07	560.54	564.41	568.46	578.15	580.77	582.35	583.97	586.61	592.62	596.02	599.13	602.49	604.47	0.9%
Total	506.09	532.17	523.47	532.58	539.93	547.38	552.68	558.07	560.54	564.41	568.46	578.15	580.77	582.35	583.97	586.61	592.62	596.02	599.13	602.49	604.47	0.9%
Domestic Shipping																						
Distillate (diesel)	211.58	218.60	218.64	222.59	224.76	227.09	229.15	231.53	234.21	236.98	240.25	243.79	246.21	248.84	253.34	256.96	260.43	263.19	266.09	268.21	270.70	1.2%
Residual Oil	90.53	90.14	90.79	92.43	93.33	94.30	95.15	96.14	97.25	98.40	99.76	101.24	102.24	103.74	105.20	106.70	108.14	109.29	110.49	111.37	112.41	1.1%
Motor Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Total	302.11	308.74	309.43	315.02	318.09	321.39	324.31	327.67	331.46	335.38	340.01	345.03	348.45	353.68	358.54	363.96	368.57	372.47	376.58	379.58	383.11	1.2%
International Shipping																						
Distillate (diesel)	69.42	64.74	66.00	66.10	66.20	66.29	66.39	66.49	66.59	66.70	66.81	66.93	67.04	67.16	67.28	67.40	67.52	67.64	67.76	67.89	68.01	-0.1%
Residual Oil	1029.18	924.90	949.50	950.92	952.38	953.77	955.16	956.58	958.06	959.65	961.25	962.89	964.57	966.25	967.95	969.67	971.39	973.14	974.91	976.68	978.45	-0.3%
Total	1098.60	989.64	1015.50	1017.02	1018.57	1020.06	1021.55	1023.06	1024.65	1026.35	1028.07	1029.82	1031.61	1033.41	1035.23	1037.07	1038.91	1040.78	1042.68	1044.57	1046.46	-0.2%
Air Transportation																						
Jet Fuel	3070.61	2968.47	3018.02	3123.23	3207.91	3304.44	3391.47	3481.84	3602.42	3734.33	3870.39	4014.08	4141.86	4267.62	4397.07	4528.72	4672.34	4819.03	4962.47	5109.26	5244.68	2.7%
Aviation Gasoline	42.56	42.48	42.41	42.35	42.30	42.26	42.23	42.20	42.18	42.16	42.14	42.13	42.12	42.11	42.10	42.09	42.09	42.09	42.08	42.08	42.08	-0.1%
Total	3113.17	3010.95	3060.42	3165.58	3250.21	3346.70	3433.69	3524.04	3644.60	3776.49	3912.53	4056.21	4183.98	4309.73	4439.17	4570.82	4714.43	4861.12	5004.56	5151.34	5298.76	2.7%
Miscellaneous Transportation																						
Military Use																						
Jet Fuel	592.39	525.53	563.98	570.37	572.89	575.96	578.27	583.81	588.98	595.31	601.28	606.39	609.43	611.10	613.46	615.55	617.38	619.00	620.42	621.67	622.77	1.0%
Residual Fuel	18.29	18.96	19.71	19.93	20.02	20.12	20.24	20.40	20.58	20.80	21.01	21.19	21.30	21.36	21.44	21.51	21.58	21.63	21.68	21.73	21.76	0.9%
Distillate	82.74	99.73	102.97	104.13	104.59	105.10	105.76	106.59	107.53	108.69	109.78	110.71	111.27	111.57	112.00	112.38	112.72	113.01	113.27	113.50	113.70	1.0%
Total	620.42	644.22	686.66	694.44	697.50	700.88	705.28	710.80	717.10	724.81	732.07	738.29	741.99	744.03	746.91	749.44	751.68	753.64	755.38	756.90	758.24	1.0%

**Table 34. Transportation Sector Energy Use by Fuel Type Within a Mode (2 of 2)
(Trillion Btu)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Bus Transportation																						
Transit Bus (motor gasoline)	4.83	4.80	4.81	4.85	4.89	4.93	4.96	5.01	5.05	5.10	5.14	5.18	5.21	5.24	5.25	5.25	5.25	5.24	5.24	5.23	5.23	0.4%
Transit Bus (diesel)	82.02	84.55	84.55	85.11	85.81	86.55	87.20	87.92	88.75	89.58	90.33	91.01	91.57	91.97	92.14	92.17	92.16	92.11	91.99	91.94	91.88	0.6%
Intercity Bus (diesel)	23.29	24.01	24.01	24.17	24.37	24.58	24.77	24.97	25.20	25.44	25.65	25.85	26.01	26.12	26.17	26.18	26.17	26.13	26.11	26.11	26.09	0.6%
School Bus (motor gasoline)	3.98	3.95	3.96	3.99	4.02	4.05	4.08	4.12	4.16	4.19	4.23	4.26	4.29	4.31	4.31	4.32	4.32	4.31	4.31	4.30	4.30	0.4%
School Bus (diesel)	67.45	69.54	69.53	70.00	70.57	71.18	71.72	72.31	72.98	73.67	74.29	74.85	75.31	75.64	75.78	75.80	75.79	75.75	75.65	75.61	75.56	0.6%
Total	181.58	186.85	186.87	188.12	189.66	191.28	192.73	194.32	196.14	197.98	199.65	201.15	202.38	203.38	203.65	203.71	203.69	203.57	203.32	203.20	203.06	0.6%
Rail Transportation																						
Intercity Rail (electricity)	8.08	8.24	8.40	8.57	8.74	8.92	9.07	9.24	9.41	9.59	9.77	9.96	10.14	10.33	10.51	10.69	10.87	11.08	11.24	11.43	11.61	1.5%
Intercity Rail (diesel)	12.34	12.92	13.10	13.37	13.64	13.90	14.15	14.41	14.68	14.96	15.24	15.52	15.81	16.10	16.38	16.67	16.95	17.24	17.53	17.82	18.11	1.9%
Transit Rail (electricity)	44.27	45.15	46.05	46.98	47.93	48.88	49.73	50.63	51.59	52.57	53.56	54.56	55.58	56.60	57.69	58.58	59.59	60.60	61.61	62.64	63.64	1.8%
Commuter Rail (electricity)	5.58	5.69	5.80	5.92	6.04	6.16	6.27	6.38	6.50	6.62	6.75	6.88	7.00	7.13	7.26	7.38	7.51	7.64	7.76	7.89	8.02	1.8%
Commuter Rail (diesel)	8.52	8.92	9.05	9.23	9.42	9.60	9.77	9.95	10.14	10.33	10.52	10.72	10.92	11.12	11.32	11.51	11.71	11.91	12.11	12.31	12.51	1.9%
Total	78.80	80.92	82.41	84.06	85.76	87.44	88.99	90.60	92.32	94.08	95.84	97.64	99.47	101.29	103.05	104.82	106.64	108.45	110.25	112.10	113.89	1.9%
Recreation Boats	312.28	312.31	313.62	317.12	320.02	323.01	325.36	327.82	331.06	334.56	337.91	341.46	345.01	348.37	351.72	355.03	358.48	361.77	364.89	368.14	370.92	0.9%
Lubricants	180.00	194.00	200.00	203.69	204.87	206.88	209.47	212.48	215.52	218.99	222.33	225.72	229.50	231.21	233.83	236.48	239.11	241.90	244.74	247.45	249.87	1.7%
Pipeline Fuel Natural Gas	791.82	790.00	772.73	791.10	795.92	795.48	807.84	817.76	831.81	842.93	860.38	885.25	901.24	916.80	933.02	950.16	966.22	982.19	998.48	1007.68	1018.62	1.3%
Total Miscellaneous	2164.90	2208.30	2242.29	2278.53	2293.74	2304.87	2329.67	2353.78	2383.96	2413.34	2448.17	2489.52	2518.59	2544.98	2572.18	2599.64	2625.81	2651.51	2677.05	2696.47	2714.60	1.1%
Total Consumption	27316.72	27485.83	28043.99	28904.46	29533.09	30181.46	30736.01	31343.88	32032.13	32765.36	33490.00	34247.30	34914.67	35546.68	36118.79	36675.84	37252.03	37823.11	38375.88	38929.62	39415.55	1.9%

1) Commercial trucks from 8,000 to 10,000 pounds.
 2) Does not include military distillate. Does not include commercial buses.
 3) Does not include passenger rail.
 Btu = British thermal unit.
 N/A = Not applicable.
 Note: Totals may not equal sum of components due to independent rounding.
 Sources: 2000 compressed natural gas volume: Energy Information Administration (EIA), AEO2002 National Energy Modeling System run aeo2002.t102001b. Other 2000 values derived using: EIA, Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/gasolstdoc01st.pdf>; EIA, Fuel Oil and Kerosene Sales 1999, DOE/EIA-0539p99 (Washington, DC, September 2002); EIA, State Energy Data Report 1999, DOE/EIA-0214/99 (Washington, DC, May 2001); Oak Ridge National Laboratory, Transportation Energy Data Book: 17, 18 and 19 (Oak Ridge, TN, September 1999); Department of Defense, Defense Fuel Supply Center, and EIA, AEO2002 National Energy Modeling System run aeo2002.t102001b. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.t102001b.

Table 35. Light-Duty Vehicle Energy Consumption by Technology Type and Fuel Type (1 of 1)
(Trillion Btu)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Light-Duty Consumption by Technology Type																						
Conventional Vehicles 1/																						
Gasoline ICE Vehicles	14542.78	14658.07	14816.66	15309.48	15548.80	15762.84	15997.77	16230.81	16502.50	16762.96	17042.78	17306.17	17561.39	17797.14	17994.64	18182.78	18382.68	18572.27	18756.48	18953.84	19118.52	1.4%
TDI Diesel ICE	106.50	132.53	150.89	176.62	201.61	229.18	257.92	284.48	312.17	340.28	366.98	393.41	419.85	445.34	469.22	492.71	515.77	539.71	559.16	578.51	595.29	9.0%
Alternative-Fuel Vehicles																						
Alcohol Fuel Technology																						
Methanol-Flex Fuel ICE	7.82	11.88	15.38	19.13	22.31	24.99	26.99	28.59	30.18	31.70	33.14	34.50	35.76	36.91	37.96	38.92	39.83	40.66	41.42	42.14	42.77	8.9%
Methanol ICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0%
Ethanol-Flex Fuel ICE	186.63	238.44	291.04	326.54	368.18	408.04	444.18	479.60	515.39	550.41	583.91	616.44	647.52	678.42	707.42	735.87	763.68	792.95	823.96	844.82	833.34	7.5%
Ethanol ICE	0.14	0.16	0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.29	0.29	0.30	0.30	0.31	4.2%
Total Alcohol	204.58	250.28	296.60	345.87	390.70	433.25	471.40	508.43	545.82	582.36	617.32	651.21	683.56	713.62	740.66	766.08	790.80	813.90	835.67	857.26	876.42	7.5%
Natural Gas Technology																						
CNG ICE	6.04	6.60	7.26	7.96	8.59	9.22	9.99	10.77	11.55	12.34	13.12	13.88	14.67	15.41	16.11	16.85	17.61	18.35	18.96	19.60	20.19	6.2%
CNG Bi-fuel	49.13	68.74	87.86	106.70	121.83	134.36	144.17	152.83	161.39	169.58	177.48	185.00	192.10	198.63	204.58	210.13	215.41	220.32	224.92	229.43	233.55	8.1%
LPG ICE	4.99	5.79	6.53	7.29	8.01	8.77	9.51	10.26	11.05	11.88	12.63	13.42	14.18	14.85	15.67	16.39	17.12	17.85	18.60	19.39	20.17	7.2%
LPG Bi-fuel	41.69	50.87	59.84	68.82	75.81	81.54	85.88	89.62	93.37	96.96	100.40	103.68	106.76	109.57	112.11	114.46	116.69	118.73	120.60	122.40	123.97	5.6%
Total Natural Gas Technology	101.85	132.00	161.50	190.77	214.24	233.89	249.56	263.48	277.38	290.74	303.63	315.98	327.70	338.56	348.46	357.83	366.83	375.25	383.08	390.82	397.68	7.1%
Electric Technology																						
Electric Vehicle	1.79	2.53	3.24	4.12	4.95	5.68	6.51	7.13	7.72	8.53	9.38	10.28	11.47	12.68	13.79	15.52	17.25	18.96	21.30	23.66	25.89	14.3%
Electric-Diesel Hybrid	0.43	0.84	1.20	3.84	6.60	10.01	15.13	19.90	24.99	30.44	35.92	41.60	47.69	53.94	60.25	67.19	73.95	80.40	85.59	90.61	94.94	31.0%
Electric-Gasoline Hybrid	3.72	6.56	9.40	22.13	35.47	51.07	73.09	95.73	119.31	144.13	169.59	195.74	222.73	249.80	276.35	304.23	331.37	357.11	378.96	399.85	418.37	26.6%
Total Electricity	5.94	9.93	13.84	30.08	47.02	66.76	94.73	122.75	152.02	183.10	214.90	247.61	281.89	316.42	350.40	389.94	422.57	456.46	485.87	514.12	539.20	25.3%
Fuel Cell Technology																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.13	0.35	0.83	1.76	3.50	6.49	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.17	0.20	0.24	N/A
Total Fuel Cell	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.06	0.11	0.22	0.47	0.98	1.94	3.72	6.75	N/A
Light-Duty Consumption by Fuel Type1/																						
Motor Gasoline	14736.35	14883.58	15182.27	15623.80	15910.74	16205.60	16470.19	16765.05	17099.21	17443.15	17765.39	18090.50	18406.79	18700.76	18952.65	19194.65	19446.31	19684.33	19912.43	20152.48	20394.58	1.6%
Diesel (diesel)	106.50	132.53	150.89	176.62	201.61	229.18	257.92	284.48	312.17	340.28	366.98	393.41	419.85	445.34	469.22	492.71	515.77	539.71	559.16	578.51	595.29	9.0%
Methanol	7.38	11.20	14.77	18.29	21.05	23.02	23.95	24.28	24.63	24.94	25.21	25.42	25.45	25.53	25.59	25.59	25.64	25.62	25.93	25.97	25.97	6.5%
Ethanol	33.21	45.23	62.26	60.52	68.42	75.71	79.52	81.85	84.39	85.99	87.41	88.73	90.09	91.44	92.81	93.70	95.10	96.48	97.40	98.91	99.75	5.7%
Compressed Natural Gas	50.61	70.30	89.31	107.23	120.28	129.30	134.52	138.16	141.85	145.31	148.75	151.96	154.95	157.57	159.93	162.24	164.48	166.58	168.48	170.43	172.21	6.3%
Liquefied Petroleum Gas	35.00	45.92	54.82	63.68	69.96	74.45	76.85	78.16	79.69	81.12	82.31	83.57	84.50	85.50	86.34	87.10	87.95	88.80	89.65	90.57	91.49	4.9%
Electricity	1.79	2.53	3.24	4.12	4.95	5.68	6.51	7.13	7.72	8.53	9.38	10.28	11.47	12.68	13.79	15.52	17.25	18.96	21.30	23.66	25.89	14.3%
Liquid Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.17	0.20	0.24	N/A

1/ Includes personal vehicles and fleet vehicles. Includes both cars and trucks.

Btu = British thermal unit.

ICE = Internal combustion engine.

N/A = Not applicable.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002_e102001b.

Table 36. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
New England

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
New Car Sales 1/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	436.0	404.9	398.6	403.8	389.5	376.7	356.1	358.1	358.7	354.7	354.5	354.7	351.7	351.6	352.6	347.5	348.4	351.7	352.3	357.3	358.6	-1.0%	
TDI Diesel ICE	0.9	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	-0.8%	
Total Conventional	436.9	405.7	399.3	404.6	390.3	377.4	356.8	358.8	359.4	355.4	355.1	355.4	352.4	352.3	353.3	348.2	350.0	352.3	356.0	358.0	359.3	-1.0%	
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	0.3	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.1%	
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3%	
Ethanol-Flex Fuel ICE	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7%	
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.2%	
Electric Vehicle	0.1	0.1	0.1	0.4	0.7	0.9	2.0	2.0	1.8	2.5	2.5	2.6	3.4	3.4	3.2	5.2	5.2	5.2	7.2	7.2	7.0	22.5%	
Electric-Diesel Hybrid	0.4	0.3	0.3	2.5	2.6	6.2	12.1	11.0	10.8	11.4	11.0	10.9	11.7	11.5	11.3	12.6	11.7	11.0	8.7	7.9	7.1	16.1%	
Electric-Gasoline Hybrid	2.1	1.8	1.8	7.4	7.3	16.7	31.0	30.7	29.9	30.7	30.0	29.2	29.5	28.4	27.0	28.4	26.6	24.3	20.2	18.1	16.4	10.9%	
CNG ICE	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	6.4%	
CNG Bi-fuel	3.3	3.6	3.6	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.3%	
LPG ICE	0.5	0.9	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	-11.4%	
LPG Bi-fuel	1.8	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.2%	
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.4	2.1	NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	NA	
Total Alternatives	9.7	10.6	10.6	19.0	18.9	32.1	53.4	52.0	50.8	52.8	51.6	50.6	52.5	51.3	49.5	54.1	51.5	48.7	44.6	42.2	40.2	7.4%	
Percent Alternative Car Sales	2.16	2.54	2.59	4.48	4.62	7.83	13.02	12.66	12.39	12.94	12.69	12.47	12.97	12.71	12.28	13.44	12.83	12.15	11.14	10.54	10.07	8.0%	
Total New Car Sales	446.5	416.3	410.0	423.5	409.2	409.5	410.3	410.8	410.3	408.2	406.7	406.0	404.9	403.6	402.7	402.3	401.6	401.1	400.6	400.2	399.5	-0.6%	
New Light Truck Sales 2/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	330.3	304.8	304.8	315.2	309.3	307.4	301.5	306.6	309.2	308.8	310.4	311.8	310.7	311.6	312.3	310.2	311.8	313.1	317.1	318.7	319.5	-0.2%	
TDI Diesel ICE	25.7	25.0	20.9	23.8	23.4	23.7	23.4	22.0	21.7	21.5	20.9	20.7	20.9	20.6	20.7	20.5	20.4	21.1	21.3	21.3	21.2	-1.0%	
Total Conventional	356.0	329.8	325.7	339.0	332.7	331.1	324.8	328.6	330.9	330.3	331.3	332.5	331.6	332.1	333.0	330.7	332.2	334.2	338.4	339.9	340.7	-0.2%	
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	0.6	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.8%	
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4%	
Ethanol-Flex Fuel ICE	25.6	23.6	23.5	24.5	24.1	24.6	25.1	25.7	26.1	26.2	26.4	26.7	26.7	26.8	26.9	27.0	27.2	27.2	27.3	27.4	27.4	0.3%	
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0%	
Electric Vehicle	0.1	0.1	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.9	0.9	0.9	12.4%	
Electric-Diesel Hybrid	0.1	0.1	0.1	0.5	0.5	1.1	2.0	1.9	1.8	2.1	2.1	2.1	2.3	2.3	2.3	2.6	2.5	2.4	2.0	1.8	1.7	14.2%	
Electric-Gasoline Hybrid	1.3	1.1	1.1	5.4	5.6	11.6	21.8	22.1	22.3	23.7	23.7	23.8	25.1	24.8	24.4	26.8	25.6	23.9	19.9	18.2	16.9	13.8%	
CNG ICE	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.7	11.4%	
CNG Bi-fuel	2.3	2.7	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.4	1.9%	
LPG ICE	1.3	2.2	2.5	2.5	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.3	-6.9%	
LPG Bi-fuel	1.4	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.3%	
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.6	1.0	1.7	NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	NA	
Total Alternatives	32.8	32.3	32.4	38.4	38.3	49.6	67.2	66.1	66.7	60.3	60.4	60.7	62.3	62.1	61.7	64.7	63.5	61.9	57.9	56.6	55.6	2.7%	

Table 36. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
New England

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Percent Alternative Light Truck Sales	8.43	8.92	9.05	10.19	10.31	12.10	14.88	15.01	15.06	15.44	15.43	15.44	15.81	15.75	15.63	16.36	16.06	15.63	14.60	14.25	14.04	2.6%
Total New Truck Sales	388.8	362.1	358.1	377.4	371.0	376.7	382.1	386.7	389.6	390.6	391.7	393.2	393.9	394.2	394.7	395.4	395.7	396.1	396.3	396.5	396.4	0.1%
Percent Total Alternative Sales	5.07	5.51	5.60	7.17	7.33	9.88	13.96	13.80	13.69	14.16	14.03	13.93	14.37	14.21	13.94	14.89	14.43	13.88	12.86	12.39	12.06	4.4%
EPACT Legislative Alternative Sales	10.99	13.19	13.01	13.57	13.23	13.33	13.44	13.53	13.57	13.55	13.55	13.56	13.56	13.54	13.54	13.54	13.53	13.53	13.53	13.52	13.51	1.0%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	42.15	78.64	116.45	157.95	158.61	159.18	164.83	164.91	165.72	172.54	173.00	173.12	186.50	187.15	187.35	199.82	200.52	200.60	N/A
Total Vehicles Sales	837.3	778.4	768.1	800.5	780.1	786.2	792.3	797.5	799.8	796.8	798.4	799.2	798.8	797.8	797.5	797.7	797.3	797.2	796.9	796.6	795.9	-0.3%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE(EIA-0604(R)) (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/alternatives/alt1.html>; and EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Table 37. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
Middle Atlantic

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020
New Car Sales 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	1250.4	1150.5	1127.7	1137.6	1093.8	1086.3	1076.6	1077.1	1072.1	1061.3	1053.9	1048.3	1039.6	1032.7	1027.3	1018.0	1014.1	1010.3	1004.9	1000.8	996.5	-1.1%
TDI Diesel ICE	2.2	2.2	1.8	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	-0.3%
Total Conventional	1252.6	1152.6	1129.5	1139.6	1095.7	1088.2	1078.5	1078.9	1073.9	1063.0	1055.6	1050.0	1041.3	1034.4	1029.0	1019.7	1015.8	1012.1	1006.7	1002.7	998.3	-1.1%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	1.0	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.8%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.4%
Ethanol-Flex Fuel ICE	3.1	3.7	3.6	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	0.4%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.5%
Electric Vehicle	0.3	0.4	0.4	0.9	1.4	1.7	3.7	3.7	3.4	4.7	4.7	4.8	6.4	6.3	6.0	9.5	9.5	9.5	13.2	13.2	12.9	19.6%
Electric-Diesel Hybrid	0.9	0.9	0.8	6.8	6.9	7.9	10.0	9.5	9.8	10.3	10.4	10.8	11.7	12.1	12.7	13.4	13.5	12.2	12.1	11.8	11.8	13.5%
Electric-Gasoline Hybrid	5.9	5.1	5.0	20.7	20.6	22.2	27.0	27.8	28.3	29.1	29.7	30.3	30.8	31.1	31.4	32.2	31.8	31.3	29.8	29.3	28.7	8.3%
CNG ICE	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-0.2%
CNG Bi-fuel	9.4	10.3	10.1	10.4	10.0	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.5	9.5	9.4	9.4	0.0%
LPG ICE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-3.1%
LPG Bi-fuel	5.2	5.6	5.5	5.6	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	-0.1%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.3	2.3	3.7	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	NA
Total Alternatives	26.4	27.9	27.3	50.1	49.8	52.5	61.5	61.8	62.3	64.8	65.3	66.2	69.1	69.7	70.2	75.6	75.0	74.9	76.3	76.7	76.8	5.5%
Percent Alternative Car Sales	2.07	2.36	2.36	4.21	4.35	4.81	5.39	5.42	5.48	5.74	5.83	5.93	6.22	6.32	6.39	6.90	6.88	6.89	7.05	7.10	7.14	6.4%
Total New Car Sales	1279.0	1180.5	1156.9	1189.7	1145.5	1142.0	1140.7	1136.2	1127.8	1120.9	1116.2	1110.4	1104.2	1098.2	1095.3	1090.9	1086.9	1083.0	1079.3	1075.1	1071.1	-0.9%
New Light Truck Sales 2/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	953.2	873.8	869.2	895.6	875.9	883.8	890.9	902.1	906.7	905.8	906.5	906.8	904.4	902.6	899.0	897.7	896.0	892.8	891.0	888.3	884.7	-0.4%
TDI Diesel ICE	63.8	65.7	55.0	61.7	60.4	61.6	61.2	57.5	56.3	55.8	54.1	53.7	54.0	53.0	53.3	52.4	51.9	53.5	53.8	53.6	53.4	-0.9%
Total Conventional	1017.0	939.5	924.2	957.3	936.2	945.4	952.2	959.6	962.9	961.6	960.6	960.5	958.3	955.6	952.3	950.0	947.9	946.3	944.8	941.9	938.1	-0.4%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	1.6	2.1	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	1.6%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.3%
Ethanol-Flex Fuel ICE	74.3	68.1	67.4	70.0	68.6	69.8	70.8	72.4	73.1	73.3	73.7	74.1	74.1	74.2	74.2	74.3	74.4	74.3	74.5	74.4	74.2	0.0%
Ethanol ICE	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.8%
Electric Vehicle	0.3	0.3	0.3	0.6	0.9	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.1	1.5	1.5	1.5	1.8	1.8	1.8	10.3%
Electric-Diesel Hybrid	0.3	0.3	0.3	1.3	1.4	1.6	1.9	1.8	1.9	2.1	2.1	2.2	2.4	2.5	2.6	2.9	2.8	2.9	2.8	2.8	2.7	11.6%
Electric-Gasoline Hybrid	3.6	3.2	3.0	15.2	15.7	17.5	21.4	22.4	23.4	24.6	25.5	26.5	27.6	28.4	28.4	31.0	31.0	30.9	29.4	29.4	29.3	11.1%
CNG ICE	0.7	0.6	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.1	2.6%
CNG Bi-fuel	6.4	7.7	7.6	8.0	7.9	8.0	8.1	8.2	8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.5	8.5	8.5	8.6	8.7	8.6	1.6%
LPG ICE	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.2%
LPG Bi-fuel	3.9	4.5	4.5	4.7	4.6	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	1.0%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.6	2.9	4.8	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	NA
Total Alternatives	91.6	87.4	86.4	103.0	102.3	105.9	111.3	113.9	116.0	117.5	118.9	120.4	122.0	123.0	124.2	126.7	127.0	127.2	128.5	127.6	129.5	1.7%

Table 37. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
Middle Atlantic

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Percent Alternative Light Truck Sales	8.26	8.51	8.55	8.72	9.85	10.07	10.47	10.61	10.75	10.89	11.02	11.14	11.30	11.40	11.53	11.76	11.81	11.85	11.81	11.92	12.05	1.9%
Total New Truck Sales	1108.6	1026.9	1010.6	1060.3	1038.5	1051.3	1063.5	1073.5	1078.9	1079.1	1079.5	1080.9	1080.3	1078.6	1077.4	1076.7	1075.0	1073.3	1071.4	1069.4	1066.6	-0.2%
Percent Total Alternative Sales	4.94	5.22	5.25	6.81	6.96	7.23	7.84	7.94	8.05	8.26	8.37	8.49	8.72	8.83	8.93	9.31	9.33	9.35	9.42	9.50	9.59	3.4%
EPACT Legislative Alternative Sales	31.35	37.40	36.72	38.14	37.03	37.21	37.41	37.56	37.58	37.45	37.34	37.29	37.18	37.05	36.95	36.87	36.77	36.67	36.57	36.48	36.36	0.7%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	76.74	143.16	211.84	287.42	288.57	289.57	299.82	299.93	301.37	313.75	314.57	314.78	339.10	340.25	340.61	363.27	364.54	364.68	N/A
Total Vehicles Sales	2387.6	2207.4	2167.4	2250.1	2184.0	2194.2	2205.5	2214.2	2215.1	2206.9	2200.4	2197.2	2190.8	2182.7	2176.6	2172.0	2165.8	2160.3	2154.4	2148.7	2141.7	-0.5%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

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Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R)" (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.dau.doe.gov/external/transport/altfuel1.htm>, and EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Table 38. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
East North Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020	
New Car Sales 1/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	1436.6	1325.0	1301.4	1316.4	1269.1	1265.8	1259.6	1260.9	1257.1	1247.8	1240.8	1236.2	1229.4	1222.9	1217.6	1212.3	1209.2	1206.4	1205.8	1202.4	1198.2		-0.9%
TDI Diesel ICE	2.9	2.6	2.2	2.5	2.2	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2		-1.2%
Total Conventional	1439.5	1327.6	1303.6	1318.7	1271.3	1268.0	1261.9	1263.1	1259.3	1249.9	1242.9	1238.2	1231.5	1224.9	1219.7	1214.4	1211.3	1208.5	1208.0	1204.6	1200.4		-0.9%
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	1.1	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		1.0%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-1.7%
Ethanol-Flex Fuel ICE	3.5	4.2	4.2	4.3	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		0.6%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-2.9%
Electric Vehicle	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4		0.5%
Electric-Diesel Hybrid	1.2	1.1	1.0	7.9	7.9	9.2	11.9	11.3	11.7	12.4	12.5	13.0	14.1	14.6	15.3	16.6	16.4	16.2	14.6	14.6	14.2		13.2%
Electric-Gasoline Hybrid	6.7	5.8	5.7	23.8	23.7	25.7	31.1	32.2	32.8	33.9	34.6	35.3	35.9	36.4	36.8	37.8	37.3	36.9	35.2	34.6	34.0		8.4%
CNG ICE	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		-0.7%
CNG Bi-fuel	10.8	11.9	11.8	12.1	11.7	11.7	11.7	11.7	11.7	11.8	11.6	11.5	11.5	11.4	11.4	11.4	11.3	11.3	11.3	11.3	11.3		0.2%
LPG ICE	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-3.4%
LPG Bi-fuel	5.9	6.4	6.3	6.5	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1		0.1%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.5	2.7	4.4		NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		NA
Total Alternatives	30.8	32.4	31.9	57.5	56.8	59.8	68.0	68.4	69.5	71.0	71.7	72.8	74.4	75.4	76.4	78.8	78.3	78.0	75.4	75.9	76.6		4.7%
Percent Alternative Car Sales	2.10	2.38	2.39	4.18	4.26	4.50	5.12	5.14	5.23	5.37	5.46	5.55	5.70	5.80	5.90	6.09	6.07	6.06	5.88	5.83	6.00		5.4%
Total New Car Sales	1470.3	1360.0	1335.5	1376.2	1327.8	1328.8	1329.9	1331.5	1328.7	1320.8	1314.6	1311.0	1305.9	1300.3	1296.2	1293.2	1289.6	1286.5	1283.4	1280.5	1277.0		-0.7%
New Light Truck Sales 2/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	1082.7	1020.7	999.9	1036.1	1016.7	1028.4	1035.8	1051.6	1058.9	1059.3	1061.4	1063.4	1061.9	1061.2	1059.4	1058.1	1057.2	1056.1	1056.6	1054.0	1050.9		-0.1%
TDI Diesel ICE	87.0	79.6	66.7	71.1	68.7	72.4	73.6	68.9	67.6	67.3	65.6	65.2	65.9	64.8	65.3	64.7	64.6	64.7	64.2	64.8	64.5		-1.5%
Total Conventional	1169.7	1092.3	1066.6	1107.2	1085.3	1098.9	1109.4	1120.5	1126.5	1126.6	1127.1	1128.6	1127.7	1126.0	1124.7	1122.8	1121.8	1120.8	1120.9	1118.8	1115.4		-0.2%
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	1.8	2.4	2.3	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5		1.7%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-0.5%
Ethanol-Flex Fuel ICE	83.9	79.0	77.4	80.9	79.6	80.9	82.2	84.2	85.3	85.6	86.2	86.7	86.8	87.0	87.1	87.3	87.5	87.7	88.1	87.9	87.9		0.2%
Ethanol ICE	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-1.9%
Electric Vehicle	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4		1.4%
Electric-Diesel Hybrid	0.4	0.4	0.3	1.5	1.6	1.8	2.3	2.2	2.3	2.5	2.5	2.7	2.9	3.0	3.2	3.5	3.5	3.5	3.3	3.3	3.3		11.2%
Electric-Gasoline Hybrid	4.1	3.7	3.5	17.4	18.1	20.2	24.8	26.0	27.2	28.6	29.7	30.9	32.3	33.3	34.4	36.4	36.4	36.5	34.8	34.8	34.7		11.2%
CNG ICE	1.4	1.3	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9		1.8%
CNG Bi-fuel	7.8	9.1	9.2	9.6	9.4	9.6	9.8	10.0	10.1	10.1	10.1	10.2	10.2	10.3	10.3	10.4	10.5	10.6	10.7	10.8	11.1		1.8%
LPG ICE	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4		0.3%
LPG Bi-fuel	4.5	5.2	5.2	5.4	5.3	5.4	5.5	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7		1.2%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.9	3.4		NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		NA
Total Alternatives	104.7	100.8	100.0	119.3	118.5	122.5	129.2	132.6	135.2	137.2	139.0	141.0	142.8	144.2	145.7	148.4	148.9	149.8	148.7	149.9	151.4		1.9%

Table 38. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
East North Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-	
Percent Alternative Light Truck Sales	8.21	8.52	8.58	9.73	9.84	10.03	10.43	10.58	10.71	10.86	10.98	11.11	11.24	11.35	11.47	11.67	11.72	11.77	11.71	11.82	11.95	1.9%	
Total New Truck Sales	1274.3	1183.1	1166.6	1226.5	1203.8	1221.4	1238.6	1253.1	1261.7	1263.8	1266.1	1269.6	1270.6	1270.2	1270.4	1271.2	1270.8	1270.4	1269.6	1268.7	1266.8	1266.8	0.0%
Percent Total Alternative Sales	4.94	5.24	5.27	6.79	6.91	7.15	7.68	7.78	7.90	8.05	8.17	8.29	8.43	8.54	8.66	8.86	8.87	8.90	8.79	8.86	8.96	3.0%	
EPACT Legislative Alternative Sales	36.04	43.09	42.40	44.11	42.92	43.23	43.56	43.84	43.95	43.98	43.79	43.80	43.73	43.63	43.57	43.53	43.46	43.41	43.34	43.28	43.19	43.19	0.9%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Vehicles Sales	2744.6	2543.1	2502.2	2602.7	2531.6	2549.2	2568.5	2584.5	2590.4	2584.7	2580.7	2580.6	2576.5	2570.4	2566.6	2564.4	2560.3	2556.9	2553.0	2549.2	2543.8	2543.8	-0.4%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R) (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/oeat/transport/altfuel1.htm>, and EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Table 39. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
West North Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020	
New Car Sales 1/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	603.5	558.9	551.0	559.3	540.8	540.4	538.6	539.9	539.3	536.5	534.7	533.8	532.0	530.2	529.0	527.7	527.4	527.1	527.8	527.3	526.3	-0.7%	
TDI Diesel ICE	1.2	3.1	0.9	1.0	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	-0.7%	
Total Conventional	604.7	560.0	551.9	560.3	541.7	541.4	539.5	540.8	540.2	537.4	535.6	534.7	532.9	531.1	529.9	528.7	528.3	528.1	528.8	528.2	527.3	-0.7%	
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2%	
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.1%	
Ethanol-Flex Fuel ICE	1.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8%	
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.5%	
Electric Vehicle	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.7%	
Electric-Diesel Hybrid	0.5	0.4	0.4	3.3	3.4	3.9	5.1	4.9	5.0	5.3	5.4	5.6	6.1	6.4	6.7	7.3	7.2	7.1	6.4	6.4	6.3	13.6%	
Electric-Gasoline Hybrid	2.8	2.4	2.4	10.1	10.1	10.9	13.3	13.7	14.0	14.5	14.9	15.2	15.5	15.7	15.9	16.4	16.2	16.0	15.4	15.1	14.9	8.7%	
CNG ICE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-4.3%	
CNG Bi-fuel	4.6	5.0	5.0	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.4%	
LPG ICE	0.3	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2	6.8%	
LPG Bi-fuel	2.5	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.3%	
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.2	1.9	1.9	NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Total Alternatives	13.0	13.9	13.7	24.6	24.3	25.8	29.4	29.7	30.2	31.0	31.4	32.0	32.8	33.3	33.9	35.0	34.9	34.9	33.9	34.2	34.6	5.0%	
Percent Alternative Car Sales	2.11	2.42	2.42	4.21	4.30	4.55	5.17	5.20	5.29	5.45	5.54	5.64	5.79	5.90	6.01	6.21	6.20	6.20	6.02	6.08	6.16	5.5%	
Total New Car Sales	617.7	573.9	565.6	584.9	566.0	567.2	569.0	570.5	570.4	568.3	566.9	566.7	565.7	564.4	563.8	563.7	563.2	563.0	562.7	562.4	561.9	-0.5%	
New Light Truck Sales 2/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	456.3	423.4	423.7	439.9	432.9	437.6	442.0	449.5	453.3	454.4	456.3	458.0	458.2	458.7	459.0	459.3	459.8	460.4	459.9	459.3	459.3	0.0%	
TDI Diesel ICE	34.5	32.4	27.3	30.0	29.0	29.6	29.1	29.0	28.3	28.2	28.6	28.2	28.6	28.2	28.4	28.3	28.2	28.3	28.1	28.4	28.3	-1.0%	
Total Conventional	490.8	455.8	451.0	469.9	461.9	467.2	471.1	478.5	481.6	482.7	484.9	486.2	486.8	486.9	487.2	487.6	488.1	488.5	488.0	487.7	487.6	0.0%	
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	0.8	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.9%	
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.1%	
Ethanol-Flex Fuel ICE	35.4	32.9	32.8	34.3	33.9	34.5	35.0	35.9	36.4	36.6	37.0	37.3	37.4	37.5	37.6	37.7	37.9	38.0	38.2	38.2	38.2	0.4%	
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.8%	
Electric Vehicle	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.6%	
Electric-Diesel Hybrid	0.2	0.2	0.1	0.6	0.7	0.8	1.0	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.4	1.5	1.4	1.4	11.7%	
Electric-Gasoline Hybrid	1.7	1.5	1.5	7.3	7.7	8.6	10.5	11.0	11.6	12.2	12.7	13.2	13.9	14.3	14.8	15.7	15.7	15.7	15.1	15.1	15.1	11.5%	
CNG ICE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-2.9%	
CNG Bi-fuel	3.3	3.8	3.9	4.1	4.0	4.1	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4.8	2.0%	
LPG ICE	1.0	1.3	1.2	1.3	1.4	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.8	3.0	3.3	3.5	3.8	4.0	4.3	4.6	4.9	8.0%	
LPG Bi-fuel	1.9	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.4%	
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.5	1.5	NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Total Alternatives	44.6	43.4	43.1	51.4	51.3	53.2	56.2	57.9	59.2	60.3	61.4	62.5	63.6	64.5	65.5	66.9	67.5	68.1	68.0	68.9	69.9	2.3%	

Table 39. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
West North Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Percent Alternative Light Truck Sales	8.33	8.69	8.72	8.86	9.59	10.20	10.61	10.78	10.93	11.10	11.24	11.39	11.55	11.69	11.85	12.07	12.15	12.24	12.22	12.36	12.53	2.1%
Total New Truck Sales	535.4	490.2	494.1	521.3	513.1	521.7	529.9	536.9	541.7	543.8	546.0	548.7	550.4	551.4	552.6	554.1	555.0	555.9	556.6	557.2	557.4	0.2%
Percent Total Alternative Sales	5.00	5.34	5.38	6.07	7.01	7.28	7.79	7.91	8.04	8.21	8.34	8.47	8.63	8.76	8.90	9.12	9.15	9.20	9.11	9.21	9.21	3.2%
ERACT Legislative Alternative Sales	15.14	18.18	17.95	18.75	18.30	18.46	18.64	18.79	18.87	18.87	18.89	18.93	18.94	18.94	18.95	18.97	18.98	18.99	19.00	19.01	19.00	1.1%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Vehicles Sales	1153.2	1073.0	1059.7	1106.2	1079.1	1088.9	1098.8	1107.4	1112.1	1112.1	1112.9	1115.4	1116.0	1115.8	1116.5	1117.8	1118.2	1118.9	1119.3	1119.7	1119.3	-0.1%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

ERACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R)" (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/transportation/altfuel.html>, and EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Table 40. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
South Atlantic

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
New Car Sales 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	1641.8	1625.0	1508.4	1636.9	1493.0	1500.6	1504.6	1517.7	1525.7	1527.8	1532.9	1540.7	1546.1	1551.9	1559.2	1566.3	1576.2	1586.5	1599.7	1609.0	1617.2	-0.1%
TDI Diesel ICE	2.9	2.9	2.5	2.7	2.5	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.9	2.9	3.0	0.2%
Total Conventional	1644.7	1627.9	1511.0	1639.6	1495.5	1503.2	1507.3	1520.3	1528.3	1530.3	1535.4	1543.3	1548.8	1554.5	1561.8	1569.0	1578.9	1589.3	1602.5	1612.0	1620.2	-0.1%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	1.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3%
Ethanol-Flex Fuel ICE	4.0	4.9	4.8	5.0	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.3	5.3	5.3	14%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.3%
Electric Vehicle	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	1.3%
Electric-Diesel Hybrid	1.2	1.2	1.1	9.1	9.3	10.9	14.2	13.5	14.1	15.1	15.4	16.2	17.7	19.5	19.6	21.5	21.4	21.3	19.3	19.5	19.2	14.6%
Electric-Gasoline Hybrid	7.6	6.6	6.6	27.5	27.6	30.1	36.8	38.4	39.5	41.1	42.4	43.6	44.8	45.8	46.7	48.4	48.3	48.1	46.4	46.0	45.6	9.4%
CNG ICE	0.9	0.8	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9	1.0	0.4%
CNG Bi-fuel	12.3	13.7	13.6	14.1	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4	14.5	14.5	14.6	14.7	14.8	14.9	15.0	15.1	1.0%
LPG ICE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.8%
LPG Bi-fuel	6.8	7.4	7.3	7.6	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	0.9%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.1	2.0	3.6	5.8	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Total Alternatives	34.7	37.0	36.7	66.6	66.0	70.3	80.6	81.7	83.7	86.3	88.0	90.2	93.0	95.0	97.3	101.2	101.4	102.0	99.5	101.0	102.8	5.6%
Percent Alternative Car Sales	2.07	2.37	2.37	4.14	4.23	4.47	5.08	5.10	5.19	5.34	5.42	5.52	5.67	5.76	5.86	6.06	6.04	6.03	5.84	5.80	5.96	5.4%
Total New Car Sales	1679.4	1665.0	1547.7	1606.2	1561.5	1573.5	1587.9	1602.0	1611.9	1616.6	1623.4	1633.4	1641.8	1649.5	1659.1	1670.2	1680.4	1691.2	1702.0	1713.0	1723.0	0.1%
New Light Truck Sales 2/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	1249.6	1156.2	1160.8	1210.6	1197.0	1218.0	1238.1	1266.8	1286.0	1297.9	1312.2	1326.1	1338.1	1347.3	1357.2	1367.7	1378.7	1389.7	1402.5	1411.2	1419.3	0.6%
TDI Diesel ICE	85.7	89.3	75.4	82.1	79.9	84.8	87.2	82.1	81.4	81.7	80.3	80.8	82.4	81.9	83.2	83.3	83.9	84.6	84.8	86.3	86.6	0.1%
Total Conventional	1335.3	1245.5	1236.3	1292.8	1276.9	1302.8	1325.3	1348.8	1367.4	1379.6	1392.5	1406.9	1418.5	1429.2	1440.4	1451.0	1462.7	1474.3	1487.3	1497.5	1505.9	0.6%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	2.1	2.7	2.7	2.9	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	2.5%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1%
Ethanol-Flex Fuel ICE	97.3	90.1	90.0	84.6	83.8	86.1	98.3	101.5	103.6	105.0	106.6	108.2	109.3	110.5	111.6	112.9	114.2	115.5	117.0	118.0	118.8	1.0%
Ethanol ICE	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8%
Electric Vehicle	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.2%
Electric-Diesel Hybrid	0.4	0.4	0.4	1.7	1.8	2.1	2.7	2.6	2.8	3.0	3.1	3.3	3.6	3.8	4.1	4.6	4.6	4.6	4.4	4.5	4.5	12.7%
Electric-Gasoline Hybrid	4.6	4.2	4.0	20.1	21.1	23.7	29.3	31.0	32.7	34.7	36.4	38.2	40.3	41.9	43.8	46.7	47.2	47.6	45.9	46.3	46.6	12.2%
CNG ICE	1.3	1.2	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.7	1.8	1.8	1.8	2.0	2.0	2.0	2.0	2.1	2.2	2.8%
CNG Bi-fuel	8.7	10.3	10.5	11.0	10.9	11.1	11.5	11.7	11.9	12.1	12.2	12.4	12.6	12.7	12.9	13.1	13.3	13.5	13.8	14.1	14.5	2.5%
LPG ICE	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	2.6%
LPG Bi-fuel	5.2	6.0	6.0	6.3	6.3	6.4	6.6	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7	2.0%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.3	2.5	4.5	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Total Alternatives	120.2	115.8	115.7	138.7	138.7	144.8	153.5	158.9	163.3	167.2	170.9	174.9	178.8	182.1	185.6	190.8	193.2	195.8	196.4	199.7	203.3	2.7%

Table 40. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
South Atlantic

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Percent Alternative Light Truck Sales	8.26	8.51	8.56	9.69	9.80	9.99	10.38	10.54	10.67	10.81	10.93	11.06	11.19	11.30	11.42	11.62	11.67	11.72	11.66	11.76	11.90	1.8%
Total New Truck Sales	1455.6	1361.3	1351.9	1431.5	1415.7	1447.4	1478.8	1507.7	1530.7	1546.8	1563.4	1581.8	1597.3	1611.3	1626.2	1641.8	1655.9	1670.1	1683.7	1697.1	1709.2	0.8%
Percent Total Alternative Sales	4.94	5.22	5.26	6.76	6.88	7.11	7.64	7.74	7.86	8.01	8.12	8.24	8.39	8.50	8.62	8.82	8.83	8.86	8.74	8.82	8.92	3.0%
EPACT Legislative Alternative Sales	41.16	49.58	49.13	51.48	50.47	51.23	52.01	52.75	53.32	53.88	54.08	54.57	54.92	55.36	55.77	56.22	56.63	57.06	57.48	57.89	58.27	1.8%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Vehicles Sales	3135.0	2926.3	2899.6	3037.7	2977.2	3020.9	3066.8	3109.7	3142.6	3163.4	3186.7	3215.2	3239.1	3260.8	3285.3	3312.0	3336.3	3361.3	3385.7	3410.1	3432.2	0.5%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R) (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/alternatives/1998/>, and EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Table 41. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
East South Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
New Car Sales 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	539.2	500.0	493.6	501.8	485.5	485.3	483.9	485.4	485.1	482.8	481.3	480.8	479.3	477.9	477.0	476.1	476.0	475.9	476.8	476.5	475.9	-0.6%
TDI Diesel ICE	1.0	1.0	0.9	0.9	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	-0.3%
Total Conventional	540.2	501.0	494.5	502.7	486.4	486.2	484.9	486.3	485.9	483.6	482.2	481.6	480.1	478.8	477.9	476.9	476.8	476.8	477.7	477.4	476.8	-0.6%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	0.4	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.4%
Ethanol-Flex Fuel ICE	1.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.3%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.7%
Electric Vehicle	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8%
Electric-Diesel Hybrid	0.4	0.4	0.4	3.0	3.1	3.6	4.7	4.4	4.6	4.9	5.0	5.2	5.6	5.8	6.2	6.7	6.6	6.6	5.9	5.9	5.8	14.0%
Electric-Gasoline Hybrid	2.5	2.2	2.2	9.0	9.0	9.8	11.9	12.3	12.6	13.0	13.3	13.6	13.9	14.1	14.3	14.7	14.6	14.4	13.8	13.6	13.4	8.8%
CNG ICE	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1%
CNG Bi-fuel	4.1	4.5	4.4	4.6	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.5	4.4	4.4	4.4	4.4	4.4	0.5%
LPG ICE	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.9%
LPG Bi-fuel	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.4%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.1	1.7	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Total Alternatives	11.4	12.2	12.0	21.8	21.5	22.8	26.1	26.3	26.7	27.4	27.8	28.3	29.0	29.4	29.9	30.9	30.8	30.8	29.8	30.1	30.4	5.0%
Percent Alternative Car Sales	2.07	2.37	2.38	4.16	4.24	4.48	5.10	5.12	5.21	5.38	5.45	5.54	5.69	5.79	5.89	6.09	6.06	6.06	5.87	5.82	5.99	5.5%
Total New Car Sales	551.6	513.2	506.5	524.5	507.9	509.1	510.9	512.5	512.7	511.0	509.9	509.8	509.1	508.2	507.8	507.8	507.6	507.6	507.5	507.5	507.2	-0.4%
New Light Truck Sales 2/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	409.3	377.9	378.9	394.5	388.6	393.0	397.2	404.2	407.9	409.2	411.1	412.9	413.3	414.1	414.4	414.9	415.5	416.0	417.2	417.1	416.8	0.1%
TDI Diesel ICE	29.3	30.8	27.7	26.8	26.8	29.3	27.5	27.1	27.0	26.4	26.3	26.8	26.3	26.5	26.4	26.4	26.5	26.3	26.3	26.6	26.5	-0.5%
Total Conventional	438.7	408.5	406.7	422.2	415.4	421.6	426.5	431.6	435.0	436.2	437.5	439.2	439.9	440.3	440.9	441.2	441.9	442.5	443.5	443.7	443.3	0.1%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	0.7	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Ethanol-Flex Fuel ICE	31.8	29.4	29.3	30.8	30.4	31.0	31.5	32.3	32.8	33.0	33.4	33.7	33.8	33.9	34.1	34.2	34.4	34.5	34.8	34.8	34.8	0.5%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.5%
Electric Vehicle	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.7%
Electric-Diesel Hybrid	0.1	0.1	0.1	0.6	0.6	0.7	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	12.1%
Electric-Gasoline Hybrid	1.5	1.4	1.3	6.6	6.9	7.7	8.4	9.9	10.4	11.0	11.4	11.9	12.5	12.9	13.4	14.2	14.2	14.3	13.7	13.7	13.7	11.6%
CNG ICE	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	2.8%
CNG Bi-fuel	2.9	3.4	3.4	3.6	3.5	3.6	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.2	4.2	2.0%
LPG ICE	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.6%
LPG Bi-fuel	1.7	2.0	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	1.5%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.3	1.3	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Total Alternatives	39.3	37.9	37.8	45.2	45.1	46.7	49.3	50.7	51.9	52.8	53.6	54.5	55.4	56.0	56.8	58.0	58.3	58.7	58.5	58.1	59.8	2.1%

Table 41. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
East South Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-	
Percent Alternative Light Truck Sales	8.25	8.49	8.54	8.68	9.79	9.97	10.36	10.52	10.65	10.80	10.92	11.05	11.18	11.29	11.41	11.61	11.66	11.71	11.65	11.76	11.89	1.8%	
Total New Truck Sales	478.1	446.4	442.5	467.4	460.5	468.3	475.8	482.4	486.8	488.9	491.1	493.7	495.3	496.4	497.7	499.2	500.2	501.2	502.0	502.8	503.2	0.3%	
Percent Total Alternative Sales	4.94	5.22	5.25	6.76	6.88	7.11	7.64	7.74	7.86	8.02	8.13	8.25	8.40	8.51	8.63	8.83	8.84	8.87	8.75	8.83	8.93	3.0%	
EPACT Legislative Alternative Sales	13.52	16.26	16.08	16.81	16.42	16.57	16.74	16.86	16.96	16.97	17.03	17.03	17.06	17.06	17.07	17.09	17.11	17.12	17.14	17.15	17.15	1.2%	
ZEV Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Total Vehicles Sales	1029.8	959.6	949.0	991.5	968.3	977.3	966.7	994.5	999.5	999.9	1001.0	1003.6	1004.4	1004.4	1004.5	1005.5	1007.0	1007.8	1008.8	1009.5	1010.3	1010.3	-0.1%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R)" (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," http://www.doe.gov/oea/alt_transport/alt1.html, and EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Table 42. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
West South Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
New Car Sales 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	861.1	893.5	884.6	901.8	876.3	881.0	883.5	891.4	886.0	897.0	899.6	903.8	906.2	908.6	911.9	915.0	919.6	924.5	931.0	935.2	938.7	-0.1%
TDI Diesel ICE	1.6	1.8	1.5	1.6	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	0.1%
Total Conventional	862.9	895.2	886.1	903.4	877.9	882.6	885.2	892.9	887.5	898.5	901.1	905.3	907.7	910.2	913.5	916.6	921.3	926.2	932.7	937.0	940.5	-0.1%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.8%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.0%
Ethanol-Flex Fuel ICE	2.4	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	14.2%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.9%
Electric Vehicle	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.3%
Electric-Diesel Hybrid	0.8	0.7	0.7	5.5	5.6	6.5	8.5	8.1	6.4	9.0	9.2	9.7	10.6	11.1	11.7	12.8	12.7	12.7	11.5	11.6	11.4	14.6%
Electric-Gasoline Hybrid	4.4	3.9	3.9	16.2	16.2	17.7	21.6	22.6	23.2	24.2	24.9	25.6	26.2	26.8	27.3	28.2	28.1	28.0	27.0	26.7	26.4	9.4%
CNG ICE	0.7	0.7	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.1%
CNG Bi-fuel	7.3	8.1	8.0	8.3	8.1	8.2	8.2	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6	8.7	8.7	8.8	8.8	1.0%
LPG ICE	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2%
LPG Bi-fuel	4.0	4.3	4.3	4.5	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	0.9%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.2	2.1	3.4	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Total Alternatives	20.6	22.0	21.9	39.6	39.3	41.8	47.9	48.5	49.6	51.1	52.1	53.4	55.0	56.1	57.4	58.6	59.7	59.9	58.4	59.2	60.1	5.5%
Percent Alternative Car Sales	2.09	2.40	2.41	4.20	4.28	4.32	5.13	5.15	5.24	5.38	5.47	5.57	5.71	5.81	5.91	6.11	6.09	6.08	5.89	5.84	6.01	5.4%
Total New Car Sales	883.4	917.2	907.9	943.0	917.2	924.4	933.0	941.4	947.1	949.6	953.3	958.7	962.7	966.3	970.9	976.2	981.0	986.1	991.1	996.2	1000.6	0.1%
New Light Truck Sales 2/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	729.2	676.1	679.5	707.9	700.2	712.7	725.0	742.2	753.6	760.5	768.2	776.0	781.2	787.0	791.9	797.1	802.5	807.9	814.3	818.1	821.6	0.6%
TDI Diesel ICE	52.4	53.3	45.1	50.5	49.2	52.0	53.1	49.7	49.1	49.2	48.9	48.1	50.0	49.6	50.3	50.3	50.6	51.1	51.1	51.9	52.1	0.0%
Total Conventional	781.6	729.5	724.6	758.4	749.4	764.7	778.0	791.9	802.7	809.7	817.0	825.0	831.2	836.6	842.2	847.4	853.2	858.9	865.3	870.1	873.7	0.6%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	1.2	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.5%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1%
Ethanol-Flex Fuel ICE	56.7	52.6	52.6	65.2	64.8	66.1	67.5	69.4	69.6	61.4	62.3	63.2	63.8	64.4	65.0	65.7	66.4	67.0	67.9	68.3	68.6	1.0%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4%
Electric Vehicle	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.2%
Electric-Diesel Hybrid	0.2	0.3	0.2	1.1	1.1	1.3	1.6	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.5	2.7	2.8	2.8	2.6	2.7	2.7	12.2%
Electric-Gasoline Hybrid	2.7	2.5	2.3	11.8	12.4	13.9	17.2	18.2	19.2	20.4	21.4	22.4	23.6	24.5	25.6	27.3	27.5	27.7	26.7	26.9	27.0	12.2%
CNG ICE	1.1	1.1	1.3	1.3	1.3	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	2.2%
CNG Bi-fuel	5.4	6.4	6.5	6.8	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.4	8.5	8.7	8.7	2.5%
LPG ICE	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	3.6%
LPG Bi-fuel	3.0	3.5	3.5	3.7	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	2.0%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.5	2.6	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Total Alternatives	70.8	68.4	68.5	82.0	82.1	85.6	90.9	94.0	96.6	98.9	101.0	103.3	105.5	107.3	109.4	112.2	113.5	114.3	115.1	116.9	118.9	2.8%

Table 42. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
West South Central

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Percent Alternative Light Truck Sales	8.30	8.58	8.64	8.76	9.87	10.06	10.46	10.61	10.75	10.89	11.00	11.13	11.26	11.37	11.50	11.69	11.74	11.80	11.74	11.85	11.98	1.9%
Total New Truck Sales	852.4	797.9	793.1	840.5	831.5	850.3	868.9	885.9	899.3	908.6	918.0	928.4	936.7	943.9	951.6	959.6	966.7	973.8	980.5	987.0	992.6	0.8%
Percent Total Alternative Sales	4.98	5.27	5.32	6.82	6.94	7.18	7.70	7.80	7.92	8.07	8.18	8.30	8.45	8.56	8.69	8.88	8.89	8.92	8.80	8.88	8.98	3.0%
EPACT Legislative Alternative Sales	24.10	29.06	29.82	30.23	29.65	30.09	30.56	31.00	31.33	31.63	31.75	32.02	32.24	32.42	32.63	32.86	33.06	33.27	33.47	33.67	33.84	1.7%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Vehicles Sales	1835.8	1715.1	1701.1	1783.5	1748.6	1774.7	1802.0	1827.3	1846.4	1858.2	1871.3	1887.0	1899.4	1910.2	1922.5	1935.8	1947.7	1959.9	1971.6	1983.2	1993.3	0.4%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R)" (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/alternatives/1998/>; and EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Table 43. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
Mountain

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
New Car Sales 1/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	533.6	501.0	500.7	514.8	504.5	511.2	516.7	525.6	532.7	537.7	543.8	550.8	556.8	562.9	569.5	576.1	583.6	591.7	600.7	608.3	615.4	0.7%	
TDI Diesel ICE	1.0	3.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	0.9%	
Total Conventional	534.6	502.0	501.6	515.8	505.4	512.2	517.8	526.6	533.7	538.7	544.8	551.8	557.8	563.9	570.6	577.2	584.9	592.8	601.8	609.5	616.7	0.7%	
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	2.6%	
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.6%	
Ethanol-Flex Fuel ICE	1.3	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.2%	
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.6%	
Electric Vehicle	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.1%	
Electric-Diesel Hybrid	0.4	0.4	0.4	3.3	3.3	3.9	5.2	5.0	5.3	5.6	5.8	6.1	6.8	7.1	7.6	8.4	8.4	8.4	7.7	7.8	7.7	15.5%	
Electric-Gasoline Hybrid	2.5	2.2	2.2	9.4	9.5	10.4	12.8	13.5	14.0	14.7	15.2	15.8	16.3	16.8	17.2	18.0	18.0	18.1	17.6	17.5	17.5	10.2%	
CNG ICE	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-5.5%	
CNG Bi-fuel	4.0	4.5	4.5	4.7	4.7	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.8	1.8%	
LPG ICE	0.5	0.6	0.7	0.8	1.2	1.6	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	0.2%	
LPG Bi-fuel	2.2	2.4	2.4	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.1	3.1	1.6%	
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.4	2.3	NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Total Alternatives	11.8	12.7	12.8	23.4	23.7	25.8	29.9	30.6	31.6	32.8	33.6	34.7	35.9	36.9	38.0	39.8	40.1	40.6	39.9	40.8	41.7	6.5%	
Percent Alternative Car Sales	2.16	2.47	2.48	4.34	4.48	4.79	5.45	5.48	5.59	5.73	5.81	5.91	6.05	6.15	6.26	6.44	6.42	6.41	6.22	6.27	6.34	5.5%	
Total New Car Sales	546.5	514.7	514.4	539.2	529.2	538.0	547.6	557.2	566.3	571.5	578.4	586.4	593.7	600.8	608.6	617.0	625.0	633.4	641.7	650.2	658.4	0.9%	
New Light Truck Sales 2/																							
Conventional Vehicles																							
Gasoline ICE Vehicles	402.6	377.3	383.1	401.9	400.6	410.4	420.3	433.8	444.0	451.7	460.4	468.8	475.9	483.3	490.3	497.6	505.0	512.4	520.5	527.1	533.6	1.4%	
TDI Diesel ICE	31.2	31.3	28.7	30.5	29.9	32.1	33.2	31.4	31.4	31.7	31.3	31.7	32.5	32.4	33.2	33.4	33.8	34.3	34.6	35.4	35.7	0.7%	
Total Conventional	433.8	408.6	409.8	432.4	430.5	442.4	453.5	465.2	475.4	483.4	491.7	500.5	508.4	515.8	523.5	531.0	538.8	546.7	555.1	562.5	569.3	1.4%	
Alternative-Fuel Vehicles																							
Methanol-Flex Fuel ICE	0.7	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	3.4%	
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.6%	
Ethanol-Flex Fuel ICE	31.2	29.3	29.6	31.2	31.2	32.1	33.1	34.5	35.5	36.2	37.1	37.9	38.6	39.3	40.0	40.7	41.4	42.2	43.0	43.6	44.2	1.5%	
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.6%	
Electric Vehicle	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.0%	
Electric-Diesel Hybrid	0.1	0.1	0.1	0.6	0.7	0.8	1.0	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.8	1.8	1.7	1.8	1.8	13.5%	
Electric-Gasoline Hybrid	1.5	1.4	1.3	6.8	7.2	8.2	10.1	10.8	11.5	12.3	12.9	13.7	14.5	15.2	15.9	17.1	17.4	17.7	17.1	17.4	17.6	13.0%	
CNG ICE	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-4.4%	
CNG Bi-fuel	2.9	3.5	3.6	3.8	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.4	5.6	5.7	3.4%	
LPG ICE	1.3	1.7	1.7	2.3	3.1	4.0	4.7	5.1	5.4	5.6	5.7	6.0	6.1	6.3	6.5	6.7	7.0	7.2	7.5	7.9	8.2	9.7%	
LPG Bi-fuel	1.7	2.0	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	2.9%	
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.0	1.7	NA	
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	
Total Alternatives	39.9	39.2	39.6	49.2	49.3	52.4	56.5	59.2	61.4	63.4	65.3	67.4	69.3	71.1	73.1	75.6	77.1	78.8	79.7	81.7	83.9	3.8%	

Table 43. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
Mountain

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Percent Alternative Light Truck Sales	8.42	8.75	8.81	10.02	10.27	10.59	11.08	11.28	11.44	11.60	11.72	11.86	11.99	12.12	12.25	12.46	12.52	12.59	12.56	12.69	12.85	2.1%
Total New Truck Sales	473.6	447.8	449.3	480.6	479.7	494.8	510.0	524.4	536.8	546.8	557.0	567.9	577.7	586.9	596.6	606.5	615.9	625.5	634.9	644.2	653.2	1.6%
Percent Total Alternative Sales	5.07	5.39	5.43	7.02	7.23	7.57	8.17	8.30	8.44	8.60	8.71	8.84	8.98	9.10	9.22	9.42	9.45	9.48	9.37	9.46	9.58	3.2%
EPACT Legislative Altern Sales	13.39	16.31	16.33	17.28	17.10	17.51	17.94	18.35	18.70	18.98	19.27	19.59	19.88	20.16	20.46	20.77	21.07	21.37	21.67	21.98	22.27	2.6%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Vehicles Sales	1020.1	962.5	963.7	1019.6	1008.9	1032.8	1057.6	1081.6	1102.1	1118.3	1135.4	1154.3	1171.4	1187.7	1205.2	1223.5	1241.0	1258.9	1276.6	1294.5	1311.6	1.3%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R) (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/alternatives/alt1.html>, and EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NEQ2002 National Energy Modeling System run aeo2002.d102001b.

Table 44. Light-Duty Vehicle Sales by Technology Type (1 of 2)
(Thousands)
Pacific

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
New Car Sales 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	1390.9	1291.4	1276.5	1297.6	1258.0	1262.1	1222.9	1241.9	1249.1	1244.4	1248.5	1254.2	1250.4	1253.9	1259.6	1246.4	1254.3	1262.1	1277.4	1282.1	1289.4	-0.4%
TDI Diesel ICE	2.8	2.6	2.2	2.5	2.4	2.6	2.6	2.4	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.8	2.9	3.0	3.1	3.1	0.6%
Total Conventional	1393.8	1294.0	1278.7	1300.1	1260.4	1264.7	1225.5	1244.3	1251.8	1247.1	1251.1	1256.8	1253.0	1256.6	1262.3	1249.1	1257.2	1265.0	1280.5	1285.3	1292.5	-0.4%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	1.1	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0%
Ethanol-Flex Fuel ICE	3.4	4.1	4.1	4.2	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	1.2%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.0%
Electric Vehicle	0.4	0.4	0.4	1.5	2.7	3.4	8.0	8.1	7.4	10.4	10.4	10.5	14.1	14.1	13.4	21.4	21.4	21.4	29.8	29.9	29.1	24.1%
Electric-Diesel Hybrid	1.2	1.1	0.9	8.3	6.6	10.1	23.6	19.6	21.0	22.8	22.5	22.9	25.0	26.2	27.1	31.9	31.7	31.2	24.6	25.2	23.7	16.3%
Electric-Gasoline Hybrid	6.6	5.8	5.7	23.8	23.9	26.0	57.1	52.5	51.1	53.3	53.6	53.9	56.8	56.3	56.5	63.4	61.5	60.4	49.5	49.4	48.2	10.4%
CNG ICE	0.9	0.7	0.8	0.8	0.9	1.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.9	2.1	2.1	2.1	1.7	1.6	1.6	2.7%
CNG Bi-fuel	10.5	11.6	11.6	12.0	11.8	11.7	11.8	11.9	12.0	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3	12.4	12.5	12.5	12.6	0.9%
LPG ICE	0.7	0.8	0.6	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.5%
LPG Bi-fuel	5.7	6.3	6.2	6.4	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.8	0.8%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	2.3	4.0	6.4	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	NA
Total Alternatives	30.7	32.3	31.8	59.1	58.7	64.3	114.4	106.2	105.8	112.7	112.7	113.7	122.5	123.3	123.7	144.1	142.5	141.6	133.1	135.5	134.6	7.7%
Percent Alternative Car Sales	2.15	2.43	2.42	4.35	4.52	4.84	8.54	7.86	7.78	8.29	8.27	8.29	8.91	8.94	8.93	10.34	10.16	10.07	9.42	9.54	9.43	7.7%
Total New Car Sales	1424.3	1326.2	1310.5	1359.2	1320.2	1329.0	1339.9	1350.5	1357.4	1359.8	1363.8	1370.5	1375.5	1380.0	1386.0	1393.2	1399.6	1406.7	1413.6	1420.8	1427.1	0.0%
New Light Truck Sales 2/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	1047.6	975.9	979.7	1013.0	988.7	1013.0	1009.5	1039.0	1046.3	1051.8	1064.6	1076.0	1081.9	1087.4	1095.1	1094.8	1100.0	1108.3	1125.6	1139.1	1137.2	0.4%
TDI Diesel ICE	83.6	77.8	65.7	79.3	76.8	85.0	85.6	79.2	88.2	90.2	87.1	86.1	85.0	87.4	86.0	89.1	89.1	89.9	92.1	94.3	91.5	0.5%
Total Conventional	1131.3	1053.8	1045.4	1092.4	1077.6	1098.0	1095.1	1118.3	1134.5	1142.0	1151.6	1162.1	1166.9	1174.8	1182.2	1189.8	1190.0	1198.2	1217.7	1223.3	1228.8	0.4%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	1.8	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.4%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3%
Ethanol-Flex Fuel ICE	81.1	75.9	75.8	79.9	77.9	79.6	81.5	84.3	85.0	85.8	87.2	88.6	89.8	90.1	91.1	92.1	92.8	93.6	94.5	95.1	95.9	0.8%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6%
Electric Vehicle	0.3	0.3	0.3	1.0	1.7	2.2	2.0	1.9	1.9	2.0	2.0	1.9	2.3	2.3	2.3	3.2	3.2	3.2	3.9	4.0	3.9	14.0%
Electric-Diesel Hybrid	0.4	0.4	0.3	1.6	1.7	2.1	4.4	3.7	4.2	4.6	4.6	4.8	5.2	5.5	5.8	6.9	7.1	7.1	5.9	6.1	5.8	14.6%
Electric-Gasoline Hybrid	4.1	3.6	3.4	17.4	18.3	20.5	43.2	40.6	40.8	43.7	44.7	46.1	50.1	50.8	52.4	61.0	60.2	60.1	49.2	50.2	49.7	13.3%
CNG ICE	1.1	0.7	0.9	1.1	1.3	1.6	3.1	3.4	3.4	3.7	4.0	3.7	4.0	4.0	3.9	4.5	4.6	4.6	3.9	3.9	3.9	6.6%
CNG Bi-fuel	7.8	9.0	9.2	9.7	9.6	9.9	10.2	10.4	10.6	10.8	10.9	11.1	11.3	11.4	11.5	11.6	11.8	12.0	12.3	12.6	13.0	2.5%
LPG ICE	2.3	2.5	2.0	1.5	1.0	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	-9.9%
LPG Bi-fuel	4.4	5.1	5.1	5.4	5.3	5.4	5.5	5.7	5.7	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.3	6.4	1.9%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.4	2.8	5.0	NA
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	NA
Total Alternatives	103.2	99.9	99.4	119.0	119.3	124.4	152.7	152.7	154.5	159.1	161.8	165.0	171.4	173.2	176.3	188.7	189.3	190.9	180.7	184.3	187.0	3.0%

Table 44. Light-Duty Vehicle Sales by Technology Type (2 of 2)
(Thousands)
Pacific

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Percent Alternative Light Truck Sales	8.36	8.66	8.68	8.62	9.97	10.18	12.24	12.01	11.98	12.23	12.32	12.44	12.81	12.85	12.98	13.78	13.72	13.74	12.92	13.09	13.21	2.3%
Total New Truck Sales	1234.5	1153.7	1144.8	1211.3	1196.8	1222.4	1247.8	1271.0	1289.0	1301.1	1313.4	1327.1	1338.3	1348.0	1358.5	1369.5	1379.2	1389.1	1398.4	1407.6	1415.8	0.7%
Percent Total Alternative Sales	5.04	5.33	5.34	6.03	7.11	7.39	10.32	9.87	9.83	10.32	10.25	10.33	10.83	10.87	10.93	12.05	11.94	11.89	11.16	11.31	11.31	4.1%
EPACT Legislative Alternative Sales	34.91	42.02	41.60	43.57	42.67	43.26	43.89	44.47	44.90	45.15	45.43	45.78	46.08	46.30	46.59	46.90	47.17	47.46	47.74	48.02	48.26	1.6%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	174.48	325.68	482.39	654.46	657.32	659.81	663.34	663.74	687.16	715.52	717.48	718.05	773.60	776.30	777.17	828.92	831.87	832.23	N/A
Total Vehicles Sales	2658.8	2479.9	2455.3	2570.5	2517.0	2551.4	2587.7	2621.5	2646.4	2660.9	2677.3	2697.6	2713.8	2728.0	2744.5	2762.7	2778.9	2795.7	2812.0	2828.4	2842.9	0.3%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R)" (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/alternatives/1998/>; and EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Table 45. Light-Duty Vehicle Sales by Technology Type (1 of 2)
United States
(Thousands)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
New Car Sales 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	8795.1	8150.1	8042.6	8170.0	7910.8	7911.4	7844.5	7898.1	7915.9	7889.8	7889.9	7903.2	7891.4	7892.6	7903.6	7895.5	7910.0	7936.1	7979.3	7998.9	8016.0	-0.5%
TDI Diesel ICE	16.5	16.0	13.7	14.7	14.0	14.8	14.8	13.9	14.1	14.1	13.8	13.8	14.0	14.1	14.3	14.3	14.6	14.9	15.3	15.7	16.0	-0.2%
Total Conventional	8811.6	8166.1	8056.3	8184.7	7924.8	7926.0	7859.3	7912.0	7930.0	7903.9	7903.7	7917.1	7905.5	7906.7	7917.9	7899.8	7924.6	7951.1	7994.6	8014.7	8032.0	-0.5%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	7.0	9.1	9.0	9.3	9.0	9.0	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.4	1.5%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2%
Ethanol-Flex Fuel ICE	21.5	26.1	25.9	26.6	25.8	25.8	25.9	26.1	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.3	26.4	26.4	26.4	26.5	26.6	1.1%
Ethanol ICE	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-3.1%
Electric Vehicle	2.4	2.7	2.7	4.7	6.5	7.8	15.4	15.7	14.5	19.5	19.5	19.8	25.8	25.8	24.5	38.0	38.1	38.0	52.1	52.3	50.9	16.4%
Electric-Diesel Hybrid	7.0	6.6	5.9	49.8	50.7	62.2	95.4	97.1	90.9	96.9	97.1	100.3	109.2	113.3	118.1	131.5	128.4	127.9	111.0	111.0	107.3	14.6%
Electric-Gasoline Hybrid	41.1	35.9	35.5	147.8	148.0	169.5	242.7	243.5	245.5	254.4	258.7	262.4	269.5	271.5	273.2	287.4	282.5	277.5	254.9	250.3	245.2	9.3%
CNG ICE	4.9	4.3	4.9	4.8	4.7	4.8	6.0	5.9	5.8	5.8	5.8	5.7	5.9	5.8	5.7	6.1	6.0	6.0	5.5	5.4	5.4	0.5%
CNG Bi-fuel	66.3	73.4	72.6	75.1	72.7	73.1	73.5	73.9	74.1	74.1	74.1	74.3	74.4	74.5	74.6	74.8	75.0	75.2	75.4	75.7	75.8	0.7%
LPG ICE	2.6	3.2	3.1	3.1	3.2	3.4	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	2.3%
LPG Bi-fuel	36.3	39.6	39.1	40.4	39.2	39.4	39.6	39.8	40.0	39.9	40.0	40.1	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.9	41.0	0.6%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.3	3.0	6.2	11.3	19.7	31.8	N/A
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	N/A
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	N/A
Total Alternatives	189.2	201.0	198.8	361.6	359.8	395.2	511.3	505.1	509.9	529.8	534.3	541.8	564.3	570.5	576.4	619.1	614.3	611.4	591.0	595.4	597.9	5.9%
Percent Alternative Car Sales	2.10	2.40	2.41	4.23	4.34	4.75	6.11	6.00	6.04	6.38	6.33	6.40	6.66	6.73	6.79	7.27	7.19	7.14	6.88	6.92	6.93	6.1%
Total New Car Sales	9000.8	8367.1	8255.0	8546.3	8284.4	8321.3	8370.6	8417.1	8439.9	8433.7	8438.0	8458.8	8469.7	8477.2	8494.4	8519.9	8538.9	8562.4	8586.6	8610.1	8629.9	-0.2%
New Light Truck Sales 2/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	6860.9	6168.2	6179.5	6414.7	6319.8	6402.2	6460.2	6582.7	6655.8	6699.5	6751.0	6798.8	6823.5	6853.1	6879.2	6896.9	6927.0	6955.8	7005.3	7023.6	7043.0	0.3%
TDI Diesel ICE	493.2	485.0	408.6	456.8	446.1	471.2	478.2	447.9	451.9	453.3	442.9	441.8	445.9	444.2	448.1	445.3	449.0	453.9	456.4	462.5	459.9	-0.3%
Total Conventional	7154.1	6653.2	6588.2	6871.5	6765.9	6873.4	6938.4	7034.6	7117.7	7152.8	7193.8	7241.5	7269.4	7297.3	7327.3	7342.2	7376.1	7409.6	7481.7	7486.0	7502.8	0.2%
Alternative-Fuel Vehicles																						
Methanol-Flex Fuel ICE	11.2	14.6	14.5	15.3	15.1	15.4	15.7	15.9	16.1	16.2	16.4	16.5	16.6	16.7	16.8	16.9	16.9	17.0	17.1	17.2	17.2	2.2%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5%
Ethanol-Flex Fuel ICE	517.4	479.9	478.6	500.4	484.2	504.7	515.0	530.2	538.5	543.2	549.8	556.3	560.2	563.8	567.5	571.9	576.3	580.2	585.1	587.9	590.0	0.7%
Ethanol ICE	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	-2.0%
Electric Vehicle	1.8	2.2	2.2	3.4	4.5	5.4	5.0	4.9	5.0	5.1	5.1	5.0	5.7	5.7	5.7	7.1	7.2	7.2	8.4	8.5	8.4	8.0%
Electric-Diesel Hybrid	2.3	2.3	2.1	9.5	10.0	12.3	17.8	18.7	17.8	19.3	19.6	20.5	22.3	23.4	25.0	28.0	28.0	28.2	25.4	25.8	25.3	12.8%
Electric-Gasoline Hybrid	25.2	22.6	21.4	107.9	113.0	132.0	187.6	192.1	199.1	211.1	218.5	228.6	239.9	246.1	254.1	275.3	274.5	274.5	251.8	252.0	250.7	12.2%
CNG ICE	6.3	5.6	6.7	6.8	7.0	7.4	9.3	9.6	9.7	10.1	10.2	10.4	10.9	11.0	11.1	12.0	12.2	12.5	12.1	12.1	12.3	3.4%
CNG Bi-fuel	47.5	55.9	56.7	58.4	58.7	60.1	61.5	62.7	63.7	64.3	65.0	65.7	66.4	66.9	67.5	68.2	69.0	70.1	71.4	72.9	74.4	2.3%
LPG ICE	7.7	9.5	8.6	8.7	8.6	9.5	10.1	10.5	10.9	11.3	11.5	11.9	12.0	12.6	13.0	13.2	13.7	14.1	14.8	15.3	16.0	3.6%
LPG Bi-fuel	27.7	32.2	32.0	33.8	33.3	34.6	35.2	35.7	36.0	36.2	36.6	36.8	37.1	37.3	37.6	37.8	38.1	38.3	38.6	38.8	38.8	1.7%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.5	3.5	7.1	13.8	24.6	N/A
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	N/A
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	N/A
Total Alternatives	647.2	625.1	622.9	745.4	744.7	790.9	856.9	878.0	896.7	916.8	932.4	949.8	971.1	993.5	998.5	1031.9	1038.3	1045.8	1031.6	1044.5	1058.4	2.5%

Table 45. Light-Duty Vehicle Sales by Technology Type (2 of 2)
United States
(Thousands)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Percent Alternative Light Truck Sales	8.30	8.59	8.64	8.78	9.52	10.20	10.99	11.08	11.19	11.36	11.47	11.60	11.78	11.88	11.99	12.32	12.34	12.37	12.15	12.24	12.36	2.0%
Total New Truck Sales	7801.3	7278.3	7211.1	7616.5	7510.6	7654.3	7795.3	7921.5	8014.4	8069.6	8126.2	8191.3	8240.5	8280.8	8325.8	8374.0	8414.4	8455.3	8493.3	8530.5	8561.2	0.5%
Percent Total Alternative Sales	4.98	5.28	5.31	6.85	6.99	7.36	8.46	8.47	8.55	8.77	8.85	9.06	9.19	9.27	9.36	9.77	9.75	9.74	9.50	9.57	9.63	3.4%
EPACT Legislative Alternative Sales	220.60	265.07	262.05	273.95	267.78	270.90	274.18	277.16	279.16	280.02	281.09	282.57	283.61	284.44	285.51	286.76	287.79	288.90	289.94	291.00	291.86	1.4%
ZEV Legislative Alternative Sales	0.00	0.00	0.00	293.37	547.48	810.78	1099.83	1104.50	1108.57	1147.99	1148.57	1154.25	1201.81	1205.04	1205.95	1299.21	1303.70	1305.12	1392.00	1396.93	1397.52	N/A
Total Vehicles Sales	16802.2	15645.4	15466.1	16163.2	15795.0	15975.6	16165.9	16338.7	16454.3	16503.3	16564.3	16650.2	16710.2	16756.0	16820.2	16892.9	16953.2	17017.7	17078.9	17140.6	17191.1	0.1%

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEV = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2000 derived using California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed

Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVI and Proposed

Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information

Administration (EIA), "Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(R)" (Washington, DC, March 1996); EIA, "Alternatives to Traditional

Transportation Fuels 1998," <http://www.doe.gov/energy/alternatives/1998/>, and EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Projections: EIA, "NECD2002 National Energy Modeling System run aeo2002.d102001b.

Table 46. Light-Duty Vehicle Stock by Technology Type (1 of 2)
(Millions)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Light-Duty Car Stock 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	123.38	124.46	125.22	125.86	126.08	126.17	126.13	126.08	126.02	125.82	125.62	125.74	125.66	125.58	125.53	125.46	125.44	125.45	125.50	125.58	125.68	0.1%
TDI Diesel ICE	0.58	0.53	0.48	0.43	0.40	0.37	0.34	0.32	0.31	0.29	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.25	-4.2%
Total Conventional	123.97	125.00	125.70	126.30	126.47	126.53	126.47	126.40	126.33	126.21	126.10	126.01	125.92	125.84	125.78	125.72	125.69	125.69	125.75	125.83	125.93	0.1%
Alternative-Fuel Vehicles																						
Alcohol Fuel Technology																						
Methanol-Flex Fuel ICE	0.02	0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	9.2%
Methanol ICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.5%
Ethanol-Flex Fuel ICE	0.07	0.10	0.12	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.32	0.33	0.34	0.36	0.36	0.37	0.38	0.39	0.39	8.9%
Ethanol ICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.6%
Natural Gas Technology																						
CNG ICE	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	3.6%
CNG Bi-fuel	0.18	0.25	0.32	0.39	0.48	0.52	0.58	0.64	0.70	0.75	0.80	0.85	0.89	0.93	0.96	0.99	1.02	1.04	1.06	1.08	1.10	9.4%
LPG ICE	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	5.9%
LPG Bi-fuel	0.14	0.17	0.21	0.24	0.28	0.31	0.34	0.37	0.40	0.42	0.45	0.47	0.49	0.51	0.52	0.54	0.55	0.56	0.57	0.58	0.59	7.5%
Electric Technology																						
Electric Vehicle	0.01	0.01	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.09	0.11	0.13	0.15	0.18	0.20	0.23	0.26	0.30	0.34	0.38	0.42	22.5%
Electric-Diesel Hybrid	0.01	0.01	0.02	0.07	0.12	0.18	0.28	0.36	0.45	0.55	0.64	0.74	0.83	0.93	1.03	1.14	1.24	1.33	1.40	1.46	1.51	30.3%
Electric-Gasoline Hybrid	0.05	0.08	0.12	0.27	0.41	0.58	0.82	1.07	1.31	1.55	1.79	2.03	2.27	2.50	2.71	2.93	3.12	3.30	3.44	3.56	3.66	24.2%
Fuel Cell Technology																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.04	0.07	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Alternatives	0.54	0.73	0.92	1.26	1.60	1.97	2.45	2.92	3.38	3.85	4.30	4.75	5.19	5.62	6.02	6.44	6.83	7.19	7.49	7.78	8.03	14.5%
Total Car Stock	124.50	125.73	126.61	127.56	128.08	128.51	128.93	129.32	129.71	130.05	130.40	130.76	131.11	131.46	131.81	132.16	132.52	132.88	133.24	133.61	133.96	0.4%
Light-Duty Truck Stock 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	61.24	64.63	67.88	71.20	74.26	77.26	80.17	83.04	85.81	88.45	90.98	93.38	95.63	97.73	99.70	101.51	103.21	104.78	106.26	107.63	108.89	2.9%
TDI Diesel ICE	1.33	1.74	2.08	2.47	2.84	3.24	3.63	3.99	4.33	4.66	4.97	5.25	5.53	5.78	6.01	6.23	6.43	6.61	6.78	6.93	7.07	8.7%
Total Conventional	62.57	66.37	69.96	73.67	77.10	80.50	83.80	87.03	90.14	93.12	95.94	98.63	101.15	103.51	105.71	107.74	109.63	111.39	113.04	114.56	115.96	3.1%
Alternative-Fuel Vehicles																						
Alcohol Fuel Technology																						
Methanol-Flex Fuel ICE	0.03	0.04	0.06	0.07	0.09	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.26	11.8%
Methanol ICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.5%
Ethanol-Flex Fuel ICE	2.27	2.74	3.19	3.66	4.09	4.52	4.94	5.36	5.75	6.13	6.49	6.83	7.15	7.44	7.72	7.97	8.20	8.42	8.62	8.80	8.97	7.1%
Ethanol ICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.6%
Natural Gas Technology																						
CNG ICE	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.16	0.17	7.1%
CNG Bi-fuel	0.15	0.20	0.26	0.31	0.37	0.42	0.48	0.53	0.58	0.63	0.68	0.73	0.77	0.81	0.85	0.89	0.92	0.95	0.98	1.01	1.04	10.1%
LPG ICE	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.20	7.1%
LPG Bi-fuel	0.20	0.22	0.24	0.27	0.29	0.31	0.33	0.36	0.38	0.40	0.42	0.44	0.46	0.48	0.49	0.51	0.52	0.54	0.55	0.56	0.57	5.5%

Table 46. Light-Duty Vehicle Stock by Technology Type (2 of 2)
(Millions)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Electric Technology																						
Electric Vehicle	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	15.8%
Electric-Diesel Hybrid	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.32	27.8%
Electric-Gasoline Hybrid	0.03	0.05	0.07	0.18	0.29	0.42	0.61	0.80	0.99	1.20	1.40	1.61	1.82	2.03	2.24	2.47	2.68	2.89	3.04	3.20	3.34	27.0%
Fuel Cell Technology																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.05	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Alternatives	2.78	3.38	3.96	4.65	5.32	6.00	6.74	7.46	8.18	8.88	9.56	10.22	10.87	11.48	12.07	12.65	13.20	13.71	14.17	14.61	15.02	8.8%
Total Truck Stock	65.35	69.75	73.92	78.32	82.42	86.50	90.54	94.48	98.32	102.00	105.51	108.86	112.02	114.99	117.78	120.40	122.83	125.10	127.21	129.17	130.98	3.5%
Total Vehicle Stock	189.85	195.48	200.54	205.88	210.50	215.01	219.46	223.81	228.03	232.05	235.91	239.61	243.13	246.45	249.59	252.56	255.35	257.99	260.46	262.78	264.94	1.7%

1/ Includes personal and fleet vehicles.

ICE = Internal combustion engine.

N/A = Not applicable.

Sources: 2000 derived using Energy Information Administration (EIA), Household Vehicles Energy Consumption 1994, DOE/EIA-0464(94) (Washington, DC, August 1997); EIA,

Desktops Current and Potential Markets for Alternative Fuel Vehicles, DOE/EIA-0404(98) (Washington, DC, March 1998); EIA, Alternatives to Traditional Transportation Fuels

1998, <http://www.eia.doe.gov/coalalt/tables/table1.html>; Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); Oak Ridge National

Laboratory, Transportation Energy Data Book: 19 (Oak Ridge, TN, September 1999); and EIA, AEC2002 National Energy Modeling System run aec2002.0102001b.

Projections: EIA, AEC2002 National Energy Modeling System run aec2002.0102001b.

Table 47. Light-Duty Vehicle Miles per Gallon by Technology Type (1 of 2)
(Miles per Gallon Gasoline Equivalent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Automobiles 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	28.52	28.63	28.55	29.40	29.37	29.42	29.48	29.50	29.59	29.71	29.91	30.02	30.14	30.31	30.48	30.63	30.77	30.93	31.09	31.26	31.38	0.5%
TDI Diesel ICE	38.70	38.83	38.55	39.22	38.98	39.10	39.18	39.16	39.23	39.36	39.53	39.65	39.77	39.93	40.07	40.21	40.33	40.48	40.63	40.80	40.92	0.3%
Alternative-Fuel Vehicles																						
Alcohol Fuel Technology																						
Methanol-Flex Fuel ICE	27.42	27.59	27.64	28.41	28.34	28.45	28.54	28.60	28.73	28.89	29.08	29.23	29.37	29.55	29.71	29.89	30.04	30.21	30.37	30.55	30.67	0.8%
Methanol ICE	29.63	29.78	29.77	30.58	30.48	30.60	30.72	30.78	30.91	31.06	31.26	31.40	31.54	31.75	31.90	32.08	32.24	32.40	32.56	32.73	32.84	0.5%
Ethanol-Flex Fuel ICE	27.52	27.59	27.61	28.40	28.33	28.42	28.51	28.56	28.68	28.83	29.01	29.16	29.23	29.48	29.63	29.81	29.96	30.12	30.28	30.47	30.59	0.5%
Ethanol ICE	28.49	28.63	28.62	29.40	29.30	29.41	29.49	29.55	29.68	29.81	30.00	30.14	30.27	30.46	30.62	30.79	30.95	31.11	31.27	31.45	31.56	0.5%
Natural Gas Technology																						
CNG ICE	29.46	29.59	29.55	30.19	30.03	30.14	30.22	30.24	30.31	30.40	30.52	30.59	30.68	30.83	30.93	31.08	31.18	31.30	31.41	31.55	31.65	0.4%
CNG Bi-fuel	27.51	27.58	27.54	28.17	28.05	28.14	28.19	28.20	28.25	28.32	28.43	28.48	28.54	28.68	28.75	28.86	28.95	29.05	29.17	29.29	29.37	0.3%
LPG ICE	29.13	29.29	29.27	30.07	30.00	30.16	30.28	30.32	30.41	30.53	30.71	30.83	30.96	31.14	31.30	31.47	31.63	31.78	31.94	32.11	32.23	0.5%
LPG Bi-fuel	27.43	27.53	27.52	28.25	28.15	28.27	28.33	28.36	28.44	28.55	28.69	28.78	28.88	29.03	29.16	29.31	29.43	29.57	29.72	29.88	29.99	0.4%
Electric Technology																						
Electric Vehicle	28.52	28.50	28.64	29.22	31.97	35.39	39.89	45.54	45.39	45.37	45.25	45.14	45.12	45.04	44.95	44.93	44.81	44.73	44.68	44.61	44.49	2.2%
Electric-Diesel Hybrid	42.58	42.18	41.74	42.13	41.70	41.55	41.45	41.27	41.17	41.13	41.03	40.95	40.90	40.81	40.74	40.71	40.63	40.61	40.57	40.58	40.59	-0.2%
Electric-Gasoline Hybrid	38.64	38.21	37.77	38.80	38.43	38.27	38.24	38.11	38.03	37.99	37.91	37.82	37.78	37.69	37.63	37.62	37.56	37.53	37.49	37.49	37.50	-0.2%
Fuel Cell Technology																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	44.02	43.75	43.54	43.38	43.23	43.08	42.96	42.91	42.88	42.90	42.96	43.03	43.15	43.29	43.45	43.58	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	46.96	46.66	46.41	46.21	46.01	45.81	45.62	45.48	45.34	45.20	45.07	44.92	44.80	44.69	44.60	44.47	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	51.31	50.94	50.63	50.33	50.00	49.73	49.53	49.39	49.25	49.12	48.99	48.85	48.74	48.64	48.55	48.43	N/A
Average New Car MPG	28.56	28.66	28.58	29.57	29.54	29.62	29.78	29.79	29.88	30.02	30.21	30.32	30.45	30.63	30.77	30.97	31.11	31.26	31.40	31.57	31.68	0.5%
Light-Duty Trucks 1/																						
Conventional Vehicles																						
Gasoline ICE Vehicles	20.67	20.68	20.69	21.14	21.02	21.08	21.20	21.32	21.47	21.60	21.77	21.97	22.15	22.46	22.59	22.74	22.89	23.02	23.12	23.22	23.30	0.6%
TDI Diesel ICE	28.13	28.08	28.08	28.50	28.26	28.27	28.35	28.47	28.61	28.74	28.90	29.08	29.28	29.57	29.65	29.77	29.88	30.02	30.11	30.15	30.18	0.4%
Alternative-Fuel Vehicles																						
Alcohol Fuel Technology																						
Methanol-Flex Fuel ICE	20.40	20.42	20.47	20.99	20.90	20.96	21.12	21.26	21.44	21.60	21.79	22.01	22.22	22.55	22.68	22.84	22.99	23.11	23.21	23.30	23.39	0.7%
Methanol ICE	23.73	23.69	23.77	24.24	24.11	24.25	24.40	24.50	24.66	24.80	24.97	25.17	25.37	25.67	25.76	25.88	25.99	26.09	26.17	26.21	26.26	0.5%
Ethanol-Flex Fuel ICE	21.12	21.10	21.09	21.61	21.47	21.54	21.66	21.77	21.92	22.08	22.26	22.45	22.64	22.94	23.07	23.22	23.36	23.49	23.58	23.68	23.77	0.6%
Ethanol ICE	23.03	23.00	23.05	23.60	23.48	23.58	23.71	23.80	23.94	24.07	24.23	24.43	24.62	24.90	24.99	25.10	25.20	25.32	25.39	25.43	25.49	0.5%
Natural Gas Technology																						
CNG ICE	22.03	22.04	22.01	22.52	22.39	22.44	22.56	22.67	22.78	22.89	23.01	23.15	23.29	23.51	23.60	23.73	23.84	23.93	23.95	24.01	24.08	0.4%
CNG Bi-fuel	19.92	19.93	19.90	20.30	20.21	20.23	20.35	20.45	20.55	20.65	20.76	20.88	20.99	21.21	21.29	21.40	21.50	21.57	21.62	21.68	21.73	0.4%
LPG ICE	22.68	22.53	22.55	23.06	22.88	22.92	23.00	23.08	23.21	23.33	23.50	23.68	23.86	24.14	24.25	24.38	24.51	24.64	24.72	24.79	24.87	0.5%
LPG Bi-fuel	20.05	20.05	20.06	20.52	20.43	20.47	20.61	20.72	20.86	20.99	21.14	21.30	21.45	21.72	21.83	21.97	22.10	22.21	22.30	22.39	22.48	0.6%
Electric Technology																						
Electric Vehicle	21.58	21.61	21.66	22.87	25.28	28.07	31.29	35.49	35.12	35.01	34.67	34.38	34.61	34.42	34.23	34.75	34.63	34.49	34.73	34.62	34.49	2.4%
Electric-Diesel Hybrid	32.97	32.65	32.41	31.90	31.58	31.52	31.79	31.60	31.53	31.52	31.42	31.38	31.38	31.36	31.28	31.27	31.25	31.28	31.23	31.18	31.12	-0.3%
Electric-Gasoline Hybrid	30.63	30.22	29.86	30.48	30.09	29.91	29.79	29.68	29.60	29.55	29.46	29.40	29.35	29.28	29.23	29.20	29.19	29.21	29.19	29.14	29.11	-0.3%

Table 47. Light-Duty Vehicle Miles per Gallon by Technology Type (2 of 2)
(Miles per Gallon Gasoline Equivalent)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Fuel Cell Technology																							
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	37.65	37.28	36.89	36.47	36.04	35.62	35.19	34.83	34.48	34.15	33.84	33.52	33.21	32.92	32.65	32.40	N/A	
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	40.17	39.78	39.36	38.89	38.42	37.93	37.39	36.98	36.58	36.23	35.91	35.58	35.24	34.94	34.65	34.39	N/A	
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	43.94	43.44	42.90	42.29	41.81	40.81	40.02	39.52	39.13	38.82	38.53	38.33	38.14	37.95	37.78	37.62	N/A	
Average New Truck MPG	21.08	21.10	21.05	21.60	21.48	21.56	21.73	21.82	21.97	22.11	22.28	22.47	22.66	22.96	23.09	23.25	23.40	23.52	23.61	23.71	23.80	0.6%	
Fleet Average Stock Car MPG 2/	21.60	21.76	21.89	21.88	22.04	22.21	22.37	22.53	22.68	22.84	23.00	23.16	23.32	23.48	23.64	23.81	23.98	24.15	24.31	24.48	24.65	0.7%	
Fleet Average Stock Truck MPG 2/	17.11	17.11	17.09	16.98	17.01	17.04	17.08	17.13	17.18	17.25	17.32	17.40	17.48	17.57	17.66	17.76	17.86	17.95	18.05	18.14	18.23	0.3%	
Fleet Average Stock Vehicle MPG 2/	19.81	19.83	19.84	19.71	19.75	19.79	19.84	19.88	19.94	19.99	20.06	20.13	20.20	20.29	20.39	20.48	20.58	20.69	20.79	20.89	20.99	0.3%	

1/ Fuel efficiencies are EPA rated. Includes personal and fleet vehicles.

2/ Stock values are on-road efficiencies. Includes personal vehicles, fleet vehicles, and freight light trucks.

MPG = Miles per Gallon.

ICE = Internal combustion engine.

Sources: 2000 derived using Energy and Environmental Analysis Inc., Updates to the Fuel Economy Model, prepared for Energy Information Administration (EIA)

(Washington, DC, June 1998); National Highway Traffic and Safety Administration, Mid-Model Year Fuel Economy Reports from Auto Manufacturers, 2000; Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); United States Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," EC9FTV (Washington, DC, October 1999); and EIA, AEO2002 National Energy Modeling System run aeo2002.plt2001s. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.plt2001s.

**Table 48. Light-Duty Vehicle Miles Traveled by Technology Type (1 of 1)
(Billion Miles, Unless Otherwise Noted)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Conventional Vehicles 1/																						
Gasoline ICE Vehicles	2274.9	2323.6	2373.9	2421.1	2464.8	2508.6	2546.1	2588.0	2637.4	2689.0	2739.3	2791.7	2844.0	2895.4	2941.6	2987.1	3035.6	3082.8	3129.5	3178.8	3222.7	1.8%
TDI Diesel ICE	20.9	24.8	28.0	31.8	35.8	40.1	44.3	48.1	52.2	56.3	60.2	64.1	67.9	71.8	75.0	78.2	81.5	84.8	87.5	90.5	93.1	7.8%
Alternative-Fuel Vehicles																						
Alcohol Fuel Technology																						
Methanol-Flex Fuel ICE	1.1	1.7	2.3	2.8	3.3	3.7	4.0	4.3	4.5	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.4	6.6	6.7	6.9	9.5%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3%
Ethanol-Flex Fuel ICE	27.0	33.1	39.2	45.3	51.2	56.8	62.0	67.1	72.3	77.5	82.4	87.4	92.2	96.8	101.0	105.1	109.1	112.9	116.6	120.2	123.5	7.9%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.5%
Natural Gas Technology																						
CNG ICE	1.0	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.3	6.4%
CNG Bi-Fuel	7.3	10.4	13.3	16.1	18.4	20.4	21.9	23.2	24.6	25.8	27.1	28.3	29.5	30.6	31.6	32.6	33.5	34.4	35.2	36.0	36.8	8.4%
LPG ICE	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.3	7.6%
LPG Bi-Fuel	6.1	7.6	9.0	10.3	11.4	12.3	13.1	13.7	14.3	14.9	15.5	16.1	16.6	17.2	17.6	18.1	18.5	19.0	19.4	19.7	20.1	6.2%
Electric Technology																						
Electric Vehicle	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.9	2.2	2.5	2.8	3.2	3.5	4.0	4.5	5.0	5.6	6.3	7.0	17.4%
Electric-Diesel Hybrid	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	3.0%
Electric-Gasoline Hybrid	0.8	1.5	2.1	4.8	7.8	11.2	16.0	20.8	25.9	31.2	36.7	42.2	48.0	53.7	59.3	65.1	70.8	76.2	80.8	85.2	89.0	26.3%
Fuel Cell Technology																						
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.6	N/A
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	N/A
VMT Equation Components																						
Total VMT (billion miles)	2340.3	2405.2	2470.7	2536.4	2597.8	2659.4	2715.2	2774.9	2842.5	2912.7	2981.3	3052.0	3122.8	3192.2	3255.4	3318.2	3383.5	3447.1	3508.8	3573.0	3630.6	2.2%
VMT/Driving Population (thousand miles)	11.3	11.4	11.6	11.8	11.9	12.0	12.1	12.2	12.4	12.5	12.7	12.8	13.0	13.2	13.3	13.4	13.6	13.8	13.9	14.0	14.2	1.1%
Driving Population (million)	213.1	215.4	217.8	220.1	222.4	224.8	227.3	229.7	232.1	234.4	236.6	238.7	240.7	242.7	244.7	246.7	248.7	250.6	252.6	254.6	256.5	0.9%
Price Effects																						
Motor Gasoline Price (1987 dollars / million Btu)	8.84	8.81	7.96	7.93	7.91	8.01	8.15	8.13	8.15	8.18	8.17	8.19	8.19	8.19	8.18	8.17	8.17	8.16	8.17	8.17	8.17	-0.4%
Fleet Miles per Gallon	20.04	20.05	20.03	19.88	19.91	19.94	19.98	20.02	20.08	20.14	20.21	20.28	20.36	20.45	20.55	20.65	20.76	20.87	20.98	21.09	21.20	0.3%
Real Cost of Driving per Mile (1987 cents)	7.110	7.082	6.402	6.434	6.407	6.478	6.575	6.546	6.547	6.518	6.508	6.489	6.454	6.416	6.381	6.341	6.308	6.276	6.249	6.216	6.176	-0.7%
Price Elasticity	-0.057	-0.056	-0.050	-0.048	-0.048	-0.048	-0.049	-0.048	-0.048	-0.047	-0.046	-0.046	-0.045	-0.044	-0.043	-0.043	-0.042	-0.041	-0.041	-0.040	-0.040	-1.8%
Income Effects																						
Disposable Income (billion 1987 dollars)	5658.1	5859.4	5991.0	6202.9	6382.0	6569.7	6720.3	6880.4	7095.5	7332.4	7563.9	7815.6	8071.8	8320.5	8572.7	8827.6	9098.3	9361.8	9616.7	9887.1	10121.6	3.0%
Point Income Elasticity	0.413	0.417	0.417	0.422	0.426	0.430	0.432	0.435	0.440	0.445	0.450	0.456	0.461	0.466	0.471	0.476	0.481	0.485	0.490	0.494	0.498	0.9%
Demographic Driving Population Effect																						
Percentage Female Driving Population	0.601	0.610	0.617	0.624	0.630	0.636	0.641	0.646	0.650	0.654	0.658	0.661	0.664	0.668	0.670	0.672	0.674	0.675	0.676	0.677	0.678	0.6%
Point Demographic Elasticity	0.299	0.299	0.298	0.298	0.297	0.297	0.297	0.296	0.295	0.293	0.291	0.289	0.288	0.286	0.282	0.280	0.277	0.275	0.273	0.270	0.268	-0.5%

1/ Includes personal and fleet vehicles. Includes both cars and light trucks.

VMT = Vehicle miles traveled.

ICE = Internal combustion engine.

MtBtu = Million British thermal units.

N/A = Not applicable.

Sources: 2000 derived using: Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); Oak Ridge National Laboratory, Transportation

Energy Data Book, 19 (Oak Ridge, TN, September 1999); United States Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," EIC97V

(Washington, DC, October 1999); and Energy Information Administration (EIA), AEO2002 National Energy Modeling System run aeo2002.d102001b. Projections: EIA,

AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 49. Summary of New Light-Duty Vehicle Size Class Attributes (1 of 2)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Personal Vehicles																						
EPA Rated New Vehicle Fuel Efficiency																						
Conventional Cars (MPG)																						
Minicompact	24.444	24.391	24.285	25.226	25.109	25.032	25.001	25.042	25.136	25.243	25.336	25.407	25.509	25.696	25.968	26.083	26.202	26.349	26.464	26.556	26.657	0.4%
Subcompact	32.419	32.416	32.294	33.202	33.221	33.237	33.295	33.298	33.394	33.493	33.619	33.701	33.801	33.980	34.106	34.263	34.393	34.530	34.672	34.804	34.904	0.4%
Compact	30.423	30.447	30.372	31.384	31.561	31.540	31.557	31.556	31.606	31.707	32.060	32.174	32.312	32.512	32.663	32.844	32.999	33.169	33.337	33.513	33.641	0.5%
Midsize	27.585	27.725	27.718	28.535	28.427	28.476	28.528	28.562	28.654	28.763	28.900	29.000	29.111	29.289	29.446	29.624	29.763	29.914	30.070	30.225	30.336	0.5%
Large	25.431	25.642	25.741	26.436	26.389	26.513	26.620	26.677	26.812	27.014	27.233	27.387	27.539	27.695	27.844	27.999	28.163	28.342	28.528	28.731	28.896	0.6%
Two Seater	26.971	26.982	26.940	27.659	27.755	27.725	27.734	27.779	27.906	28.058	28.189	28.291	28.418	28.615	28.791	28.905	29.154	29.328	29.477	29.624	29.745	0.5%
Average New Car	28.946	29.026	28.923	29.798	29.787	29.827	29.884	29.910	29.993	30.112	30.320	30.428	30.549	30.725	30.870	31.043	31.185	31.343	31.505	31.669	31.787	0.5%
Average New Car On-Road MPG	22.521	22.630	22.596	23.113	23.152	23.229	23.327	23.487	23.699	23.851	23.984	24.127	24.315	24.478	24.664	24.826	25.002	25.180	25.361	25.506	25.602	0.6%
Conventional Light Trucks																						
Small Pickup	25.379	25.410	25.309	25.601	25.428	25.455	25.486	25.506	25.588	25.687	25.807	25.955	26.120	26.415	26.537	26.704	26.875	27.070	27.155	27.235	27.296	0.4%
Large Pickup	18.715	18.718	18.676	18.926	18.907	18.847	18.971	19.106	19.244	19.383	19.534	19.708	19.951	20.288	20.400	20.551	20.687	20.784	20.861	21.006	21.006	0.6%
Small Van	25.296	25.290	25.325	25.665	25.507	25.644	25.773	25.877	26.033	26.198	26.321	26.548	26.805	27.171	27.258	27.389	27.549	27.788	27.861	27.986	28.144	0.5%
Large Van	18.282	18.298	18.356	18.604	18.768	18.816	19.023	19.193	19.383	19.560	19.728	19.897	20.072	20.385	20.521	20.682	20.822	20.923	21.018	21.107	21.180	0.7%
Small Utility	21.608	21.658	21.691	22.425	22.292	22.335	22.396	22.453	22.554	22.676	22.857	23.050	23.207	23.490	23.627	23.785	23.946	24.079	24.177	24.289	24.403	0.6%
Large Utility	16.919	16.892	16.945	17.445	17.404	17.463	17.645	17.801	17.973	18.137	18.288	18.446	18.604	18.840	18.975	19.129	19.246	19.338	19.421	19.502	19.575	0.7%
Average New Light Truck	20.923	20.925	20.920	21.361	21.231	21.290	21.399	21.511	21.653	21.788	21.957	22.148	22.336	22.635	22.764	22.916	23.064	23.195	23.300	23.395	23.483	0.6%
Average New Light Truck On-Road MPG	17.001	16.989	16.972	17.158	17.041	17.074	17.147	17.223	17.323	17.417	17.538	17.678	17.814	18.037	18.126	18.233	18.336	18.426	18.494	18.555	18.609	0.5%
Degradation Factors 1/																						
Cars	0.778	0.780	0.781	0.778	0.777	0.779	0.780	0.782	0.783	0.785	0.787	0.788	0.790	0.791	0.793	0.795	0.798	0.798	0.799	0.801	0.802	0.2%
Light Trucks	0.813	0.812	0.811	0.803	0.803	0.802	0.801	0.801	0.800	0.799	0.799	0.798	0.798	0.797	0.796	0.796	0.796	0.794	0.794	0.793	0.792	-0.1%
New Fuel Eff. by Size Class 2/																						
Alternative-Fuel Cars																						
Minicompact	31.79	31.34	30.93	33.12	32.84	32.70	32.69	32.55	32.50	32.49	32.42	32.34	32.28	32.21	32.15	32.16	32.19	32.33	32.67	33.26	34.08	0.3%
Subcompact	40.949	40.424	39.913	43.036	42.648	42.420	42.287	42.056	41.902	41.792	41.667	41.530	41.474	41.390	41.324	41.308	41.278	41.362	41.547	41.992	42.687	0.2%
Compact	39.616	39.079	38.560	41.688	41.369	41.295	41.373	41.132	41.036	41.004	40.913	40.825	40.814	40.745	40.706	40.720	40.676	40.693	40.680	40.766	40.867	0.2%
Midsize	35.516	35.129	34.769	37.674	37.341	37.418	37.733	37.836	37.749	37.890	37.823	37.759	37.905	37.850	37.785	38.103	38.070	38.065	38.427	38.513	38.581	0.4%
Large	32.028	31.822	31.588	33.976	33.707	33.705	33.966	33.866	33.633	33.662	33.664	33.674	33.911	33.949	33.986	34.044	34.070	34.137	34.161	34.281	34.408	0.4%
Two Seater	34.691	34.778	33.905	36.426	36.131	36.013	36.027	35.896	35.943	35.881	35.821	35.767	35.753	35.723	35.692	35.710	35.729	35.624	35.604	36.428	37.024	0.3%
Average New Alternative Cars	36.088	35.685	35.211	38.556	38.213	38.283	38.579	38.563	38.488	38.565	38.496	38.437	38.523	38.478	38.431	38.624	38.583	38.596	38.772	38.872	38.983	0.4%
Alternative-Fuel Light Trucks																						
Small Pickup	25.774	25.816	25.713	26.579	26.457	26.562	26.769	26.806	26.953	27.171	27.364	27.582	27.897	28.278	28.482	28.798	28.983	29.213	29.273	29.440	29.631	0.7%
Large Pickup	18.949	18.958	18.917	19.402	19.306	19.383	19.580	19.720	19.881	20.042	20.280	20.525	20.785	21.121	21.294	21.530	21.678	21.798	21.848	21.965	22.063	0.8%
Small Van	26.340	26.317	26.321	26.257	26.129	26.401	26.022	26.008	26.112	26.262	26.508	26.508	26.740	26.978	30.081	30.230	30.300	30.498	30.498	30.457	30.523	0.7%
Large Van	19.133	19.130	19.157	20.825	20.838	21.091	21.487	21.619	21.814	22.007	22.151	22.315	22.509	22.741	22.957	23.018	23.124	23.225	23.280	23.405	23.582	1.1%
Small Utility	22.193	22.221	22.244	23.865	23.795	23.983	24.407	24.430	24.539	24.694	24.833	24.988	25.164	25.379	25.490	25.694	25.804	25.915	25.946	26.060	26.204	0.8%
Large Utility	17.226	17.189	17.247	18.160	18.142	18.285	18.623	18.753	18.924	19.104	19.246	19.400	19.572	19.825	19.949	20.126	20.215	20.282	20.295	20.375	20.468	0.9%
Average New Alternative Light Trucks	21.529	21.515	21.465	22.989	22.887	23.098	23.624	23.676	23.819	24.002	24.153	24.324	24.534	24.785	24.903	25.120	25.214	25.311	25.293	25.383	25.487	0.8%
Fleet Vehicles																						
EPA Rated New Vehicle Fuel Efficiency																						
Cars	27.194	27.349	27.366	28.149	28.067	28.140	28.209	28.251	28.352	28.483	28.645	28.759	28.877	29.047	29.199	29.367	29.511	29.667	29.829	29.995	30.113	0.5%
Light Trucks	20.158	20.178	20.207	20.670	20.582	20.639	20.790	20.923	21.079	21.221	21.397	21.586	21.774	22.088	22.218	22.372	22.519	22.638	22.738	22.833	22.919	0.6%

Table 49. Summary of New Light-Duty Vehicle Size Class Attributes (2 of 2)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020	
Average On-Road MPG																							
Cars	20.745	20.987	21.170	21.318	21.543	21.745	21.941	22.022	22.126	22.237	22.368	22.511	22.658	22.813	22.969	23.134	23.304	23.473	23.644	23.816	23.988	0.7%	
Light Trucks	16.045	16.196	16.355	16.229	16.328	16.401	16.484	16.579	16.644	16.729	16.834	16.948	17.069	17.215	17.359	17.500	17.634	17.797	17.849	17.932	18.004	0.6%	
New Vehicle Sales Shares (%)																							
Conventional Cars																							
Minicompact	0.586	0.588	0.584	0.584	0.592	0.592	0.592	0.591	0.591	0.591	0.591	0.591	0.591	0.592	0.592	0.592	0.592	0.592	0.592	0.592	0.592	0.1%	
Subcompact	16.084	15.520	15.574	15.419	15.265	15.195	15.186	14.989	14.989	14.882	14.787	14.690	14.598	14.509	14.427	14.348	14.269	14.201	14.143	14.088	14.043	-0.7%	
Compact	36.005	36.046	34.261	34.200	34.065	34.351	34.890	34.871	34.751	34.822	34.757	34.809	34.836	34.824	34.807	34.797	34.778	34.777	34.780	34.800	34.807	-0.2%	
Midsize	34.324	34.275	35.941	36.005	36.023	35.789	35.466	35.493	35.439	35.387	35.429	35.395	35.362	35.368	35.384	35.387	35.416	35.416	35.411	35.388	35.380	0.2%	
Large	11.489	11.645	12.178	12.329	12.556	12.583	12.632	12.705	12.877	12.903	12.989	13.074	13.166	13.249	13.323	13.400	13.467	13.527	13.582	13.627	13.672	0.9%	
Two Seater	1.512	1.527	1.461	1.463	1.458	1.510	1.524	1.523	1.526	1.530	1.533	1.536	1.538	1.541	1.542	1.543	1.544	1.546	1.547	1.549	1.550	0.1%	
Conventional Light Trucks																							
Small Pickup	12.426	12.221	12.878	12.823	12.536	12.376	12.213	12.193	12.120	12.046	12.003	11.930	11.864	11.808	11.765	11.752	11.720	11.679	11.651	11.617	11.597	-0.3%	
Large Pickup	20.397	20.027	19.927	19.866	19.729	19.687	19.279	19.060	18.887	18.715	18.627	18.607	18.587	18.565	18.541	18.517	18.493	18.469	18.445	18.421	18.397	-1.0%	
Small Van	20.200	20.125	18.989	19.056	18.794	19.017	19.273	19.306	19.407	19.502	19.544	19.614	19.660	19.674	19.683	19.695	19.697	19.697	19.706	19.729	19.727	-0.1%	
Large Van	3.107	3.010	2.742	2.783	2.742	2.783	2.742	2.783	2.742	2.783	2.742	2.783	2.742	2.783	2.742	2.783	2.742	2.783	2.742	2.783	2.742	-1.5%	
Small Utility	28.395	28.835	29.386	29.519	30.238	30.315	30.350	30.469	30.594	30.719	30.860	30.977	31.091	31.219	31.320	31.422	31.524	31.616	31.689	31.755	31.813	0.6%	
Large Utility	15.475	15.732	15.838	15.859	16.371	16.490	16.672	16.649	16.759	16.874	16.982	17.090	17.193	17.290	17.383	17.477	17.574	17.666	17.744	17.823	17.896	0.7%	
New Vehicle Average Horsepower																							
Conventional Cars																							
Minicompact	249.667	259.065	269.174	270.819	274.298	279.322	282.469	286.718	291.648	296.711	301.418	305.993	310.121	313.861	317.008	320.023	322.984	325.469	327.038	328.278	331.568	1.4%	
Subcompact	140.694	147.775	154.886	159.568	162.604	167.383	170.703	174.043	178.351	182.485	186.410	190.180	193.722	197.276	200.209	202.886	205.460	207.779	209.847	211.825	213.185	2.1%	
Compact	142.408	148.126	153.675	158.212	160.548	164.026	166.455	168.974	171.525	174.991	178.608	181.411	183.927	186.518	188.509	190.314	192.045	193.554	194.932	196.256	197.168	1.6%	
Midsize	175.229	184.073	190.526	194.462	196.509	201.577	204.747	207.487	210.415	213.051	215.688	218.094	220.028	222.249	223.788	225.006	226.216	227.188	227.867	228.545	229.324	1.4%	
Large	225.735	236.461	242.528	245.352	248.285	253.252	256.400	259.801	263.563	267.785	269.085	269.117	268.865	267.238	267.710	268.177	268.691	269.084	269.574	269.892	270.232	0.9%	
Two Seater	220.283	237.463	244.100	246.510	247.585	253.808	253.088	255.687	258.942	261.970	264.145	266.153	267.854	269.421	270.986	271.719	272.893	273.814	274.502	275.434	276.401	0.9%	
Average New Car	164.928	172.683	179.901	184.137	188.810	191.188	193.985	196.773	199.553	202.979	206.099	208.720	210.977	213.375	215.199	216.795	218.356	219.677	220.814	221.881	222.775	1.5%	
Conventional Light Trucks																							
Small Pickup	152.385	160.316	167.090	170.767	173.172	178.342	182.140	185.898	190.414	194.328	198.072	201.403	204.523	207.645	208.496	209.162	209.841	210.535	211.215	211.912	212.547	1.7%	
Large Pickup	216.093	227.744	235.585	238.944	242.400	248.813	255.186	261.555	268.383	273.671	279.383	282.032	283.141	284.380	285.379	286.452	287.477	288.502	289.427	290.260	291.106	1.5%	
Small Van	176.053	181.841	184.171	186.109	188.340	190.682	191.716	193.571	195.805	197.823	199.544	201.181	202.797	204.391	205.461	206.223	206.985	207.730	208.457	209.181	209.820	0.9%	
Large Van	216.807	226.249	234.027	237.604	240.473	247.109	252.921	259.256	266.015	271.341	277.744	282.730	286.713	289.918	291.055	292.138	293.218	294.181	294.985	295.626	296.166	1.6%	
Small Utility	182.144	192.605	200.338	199.847	203.538	208.696	212.808	216.778	221.208	224.892	227.531	229.472	230.725	232.047	233.030	233.902	234.774	235.667	236.533	237.337	238.095	1.3%	
Large Utility	230.221	238.989	247.014	246.851	250.699	257.486	263.520	270.545	277.938	284.054	290.648	295.364	299.515	304.893	306.341	307.701	308.971	310.280	311.452	312.479	313.335	1.6%	
Average New Light Truck	193.073	201.863	208.403	209.794	213.115	218.141	222.490	226.998	231.954	236.029	239.889	242.570	244.625	246.904	247.946	248.879	249.797	250.746	251.616	252.425	253.174	1.4%	
New Vehicle Average Weight																							
Conventional Cars																							
Minicompact	3547.711	3578.883	3596.977	3535.872	3562.405	3580.494	3595.158	3603.179	3604.512	3608.566	3613.769	3619.113	3622.320	3626.700	3633.082	3639.467	3649.597	3657.012	3660.531	3671.139	3686.434	0.2%	
Subcompact	2751.216	2776.809	2793.487	2796.401	2825.428	2842.976	2859.043	2874.533	2890.074	2902.218	2915.475	2927.563	2938.903	2950.377	2958.505	2965.346	2972.588	2979.383	2986.486	2992.981	2999.384	0.4%	
Compact	2867.560	2895.775	2915.040	2929.552	2959.691	2978.069	2995.552	3011.119	3024.914	3039.586	3055.261	3067.835	3079.252	3090.946	3098.542	3105.253	3112.166	3118.463	3125.106	3131.171	3137.596	0.5%	
Midsize	3317.543	3349.164	3370.061	3380.882	3405.524	3428.710	3446.448	3461.440	3470.717	3477.450	3485.476	3494.088	3499.274	3505.337	3511.637	3517.850	3526.792	3533.569	3539.411	3545.424	3554.281	0.3%	
Large	3725.177	3759.051	3781.642	3797.757	3833.960	3875.199	3895.217	3905.374	3919.753	3950.511	3989.811	3983.836	3991.215	3998.872	4005.278	4011.899	4018.920	4024.121	4031.585	4038.134	4041.052	0.4%	
Two Seater	2843.292	2867.314	2882.544	2842.970	2867.315	2891.495	2893.482	2903.306	2911.139	2920.975	2938.892	2932.516	2936.126	2940.374	2945.388	2950.460	2957.413	2962.462	2968.092	2972.739	2980.914	0.2%	
Average New Car	3105.451	3135.991	3168.692	3190.838	3211.757	3230.494	3247.262	3263.911	3278.077	3292.116	3306.289	3319.207	3327.532	3337.495	3345.442	3352.758	3361.396	3368.477	3375.535	3381.956	3389.542	0.4%	
Conventional Light Trucks																							
Small Pickup	3514.327	3554.851	3594.433	3614.502	3663.520	3696.427	3727.476	3761.810	3802.676	3840.274	3871.272	3900.065	3928.206	3955.144	3971.348	3984.043	3996.963	4010.190	4023.134	4036.421	4048.508	0.7%	
Large Pickup	4693.586	4697.420	4749.141	4759.950	4813.430	4852.502	4904.170	4954.140	5007.994	5053.917	5095.706	5127.855	5148.024	5170.542	5188.717	5208.217	5226.862	5245.484	5262.312	5277.452	5292.842	0.6%	
Small Van	4009.369	4054.921	4099.256	4141.409	4190.697	4238.376	4284.103	4324.578	4353.144	4396.965	4434.312	4470.684	4506.600	4543.021	4565.795	4582.734	4599.656	4616.203	4632.371	4648.469	4664.866	0.8%	
Large Van	4829.840	4872.088	4904.435	4933.901	4937.162	4974.877	5010.714	5054.755	5098.837	5135.135	5177.462	5212.330	5231.801	5254.746	5271.238	5291.905	5311.595	5331.140	5348.750	5363.960	5375.018	0.5%	
Small Utility	3903.608	3947.028	3987.388	3924.079	3978.838	4014.936	4054.231</																

Table 50. Transportation Fleet Car and Truck Fuel Consumption by Type and Technology (1 of 1)
(Trillion Btu)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Cars 1/																						
Conventional Gasoline	1222.89	1176.87	1146.35	1116.65	1071.79	1053.23	1045.61	1038.80	1038.31	1036.38	1032.08	1026.49	1020.49	1014.68	1009.16	1003.50	998.01	993.10	988.39	983.74	979.36	-1.1%
Distillate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	2.37	3.58	4.62	5.60	6.24	6.48	6.43	6.40	6.35	6.34	6.31	6.28	6.24	6.20	6.16	6.13	6.09	6.06	6.03	6.00	5.97	4.7%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	5.49	8.38	10.85	13.15	14.72	15.30	15.17	15.08	14.99	14.96	14.90	14.83	14.74	14.64	14.55	14.47	14.38	14.31	14.24	14.17	14.10	4.8%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG Bi-fuel	23.37	33.11	42.33	50.84	56.04	58.39	58.38	58.12	57.92	57.70	57.62	57.52	57.37	57.16	56.94	56.74	56.56	56.38	56.19	56.03	55.86	4.5%
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	13.86	18.31	22.50	26.35	28.65	29.67	29.61	29.43	29.31	29.19	29.12	29.03	28.92	28.77	28.63	28.50	28.37	28.24	28.12	28.00	27.88	3.6%
Electric	0.86	1.22	1.55	1.86	2.01	2.02	1.92	1.78	1.64	1.52	1.44	1.39	1.37	1.37	1.37	1.38	1.38	1.38	1.39	1.39	1.39	2.5%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Cars	1268.83	1241.45	1228.20	1214.50	1179.45	1165.09	1157.13	1149.62	1148.53	1146.09	1141.47	1135.55	1129.13	1122.72	1116.81	1110.71	1104.80	1099.47	1094.36	1089.33	1084.58	-0.8%
Light Trucks 1/																						
Conventional Gasoline	1929.83	1928.45	1932.23	1951.23	1922.96	1898.73	1907.30	1929.41	1944.04	1960.51	1970.91	1976.64	1977.73	1973.46	1968.92	1964.41	1959.77	1956.11	1955.75	1955.97	1956.58	0.1%
Distillate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	4.91	7.50	10.05	12.53	14.59	16.20	16.98	17.11	17.29	17.39	17.50	17.56	17.58	17.55	17.51	17.47	17.39	17.37	17.37	17.37	17.37	6.5%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	11.56	17.76	23.88	29.82	34.78	38.65	40.50	40.82	41.25	41.48	41.76	41.92	41.98	41.91	41.81	41.72	41.62	41.53	41.47	41.48	41.48	6.6%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG Bi-fuel	19.24	28.41	37.20	45.22	51.27	55.53	57.66	58.30	58.96	59.46	59.96	60.32	60.56	60.65	60.71	60.75	60.77	60.80	60.87	60.98	61.08	5.9%
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	14.60	19.38	23.99	28.27	31.45	33.73	34.92	35.27	35.63	35.91	36.16	36.33	36.42	36.42	36.39	36.35	36.32	36.28	36.27	36.29	36.31	4.7%
Electric	0.78	1.15	1.51	1.83	2.03	2.13	2.11	1.99	1.87	1.77	1.70	1.67	1.67	1.69	1.71	1.73	1.75	1.77	1.79	1.80	1.82	4.3%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Light Trucks	3249.75	3244.17	3257.04	3283.39	3236.54	3210.07	3216.60	3232.52	3247.58	3262.60	3269.46	3269.98	3265.06	3254.40	3243.87	3233.14	3222.46	3213.35	3207.86	3203.22	3199.24	-0.1%
Total Fleet Vehicles	4518.58	4485.64	4485.24	4497.88	4415.99	4375.16	4373.73	4382.13	4396.11	4408.69	4410.93	4405.53	4394.19	4377.13	4360.68	4343.85	4327.26	4312.82	4302.22	4292.55	4283.82	-0.3%
Commercial Light Trucks 2/	637.59	624.13	635.47	653.34	669.13	686.30	701.04	717.58	734.20	751.86	771.79	790.58	806.34	821.76	835.48	848.85	861.31	874.64	888.91	902.55	913.62	1.6%

1/ Includes all fleets of 10 or more.

2/ Commercial trucks from 8,500 to 10,000 pounds.

ICE = Internal combustion engine.

CNG = Compressed natural gas.

LNG = Liquefied natural gas.

N/A = Not Applicable.

Sources: 2000 derived using Oak Ridge National Laboratory, "Fleet Vehicles in the United States: Composition, Operating Characteristics, and Fueling Practices,"

prepared for the Department of Energy, Office of Transportation Technologies, and Office of Policy, Planning, and Analysis (Oak Ridge, TN, March 1992); Bobl Publishing Company, Fleet Fact Book, various issues (Redondo Beach, California); United States Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey,"

EC93TV (Washington, DC, October 1999); Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); Decision Analysis Corporation of

Virginia, NEMS Transportation Sector Model: Development of the Light Commercial Truck Model, Final Report, Subtask 19-2, prepared for the Energy Information

Administration (EIA) (April 23, 1997), and EIA, AEO2000 National Energy Modeling System run aeo2002.t102001b. Projections: EIA, AEO2000 National Energy

Modeling System run aeo2002.t102001b.

Table 51. Transportation Fleet Car and Truck Sales by Type and Technology (1 of 1)
(Thousands)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Cars 1/																						
Conventional Gasoline	2007.06	1838.02	1814.40	1878.42	1820.85	1828.85	1838.78	1850.02	1855.04	1853.86	1854.61	1859.19	1861.58	1863.23	1867.00	1872.39	1876.78	1881.98	1887.04	1892.43	1898.79	-0.3%
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	7.01	9.08	8.96	9.27	8.93	9.03	9.08	9.13	9.16	9.15	9.16	9.18	9.19	9.20	9.22	9.25	9.27	9.29	9.32	9.34	9.37	1.5%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	16.25	21.20	20.92	21.85	20.99	21.08	21.21	21.33	21.39	21.37	21.38	21.43	21.46	21.48	21.52	21.58	21.64	21.70	21.75	21.82	21.87	1.5%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG	64.91	72.10	71.14	73.85	71.39	71.71	72.13	72.54	72.73	72.88	72.71	72.89	72.99	73.05	73.20	73.41	73.58	73.79	73.99	74.20	74.37	0.7%
LPG Bi-fuel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric	35.37	38.70	38.18	39.53	38.32	38.49	38.72	38.93	39.04	39.01	39.03	39.13	39.18	39.21	39.29	39.41	39.50	39.61	39.71	39.83	39.92	0.6%
Electric-Diesel Hybrid	2.43	2.74	2.70	2.80	2.71	2.72	2.74	2.75	2.76	2.76	2.76	2.77	2.77	2.77	2.78	2.79	2.79	2.80	2.81	2.82	2.82	0.7%
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Cars	2133.03	1982.94	1956.30	2025.33	1963.28	1971.89	1983.67	1994.71	2000.11	1998.63	1999.66	2004.59	2007.17	2008.95	2013.01	2016.82	2023.56	2029.14	2034.62	2040.43	2045.13	-0.2%
Light Trucks 1/																						
Conventional Gasoline	2120.81	1945.69	1927.71	2036.20	2007.78	2046.21	2083.91	2117.65	2142.46	2157.23	2172.37	2189.77	2202.91	2213.68	2225.71	2238.61	2249.40	2260.34	2270.50	2280.45	2288.85	0.4%
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	11.18	14.65	14.51	15.33	15.12	15.41	15.69	15.94	16.13	16.24	16.36	16.49	16.59	16.67	16.76	16.85	16.94	17.02	17.09	17.17	17.23	2.2%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	26.30	34.58	34.26	36.19	35.68	36.37	37.04	37.64	38.08	38.34	38.61	38.92	39.15	39.34	39.56	39.79	39.98	40.17	40.35	40.53	40.68	2.2%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG	41.82	50.79	50.32	53.15	52.41	53.41	54.40	55.29	55.93	56.31	56.71	57.16	57.50	57.78	58.10	58.43	58.72	59.00	59.27	59.53	59.74	1.8%
LPG Bi-fuel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric	26.95	31.50	31.21	32.97	32.51	33.13	33.74	34.29	34.69	34.93	35.17	35.45	35.67	35.84	36.04	36.24	36.42	36.60	36.76	36.92	37.06	1.6%
Electric-Diesel Hybrid	1.79	2.20	2.18	2.30	2.27	2.31	2.35	2.39	2.42	2.43	2.45	2.47	2.49	2.50	2.51	2.53	2.54	2.55	2.56	2.57	2.58	1.9%
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Light Trucks	4361.87	4062.25	4016.49	4201.47	4109.02	4158.82	4210.79	4257.89	4289.82	4304.12	4321.32	4344.85	4361.47	4374.77	4391.68	4411.29	4427.54	4444.82	4461.16	4477.60	4491.07	0.1%
Total Fleet Vehicles	6494.80	6045.09	5972.79	6226.78	6072.28	6130.81	6194.46	6252.60	6289.93	6302.75	6320.98	6349.44	6368.65	6383.72	6404.69	6430.11	6451.10	6473.96	6495.79	6518.04	6536.20	0.0%
Commercial Light Trucks 2/	449.64	431.07	438.40	471.02	472.89	491.07	509.88	528.47	545.47	560.44	575.93	592.44	608.19	623.62	639.71	656.35	672.66	689.27	705.88	722.66	739.10	2.5%

1/ Includes all fleets of 10 or more.

2/ Commercial trucks from 8,500 to 10,000 pounds.

ICE = Internal combustion engine.

CNG = Compressed natural gas.

LNG = Liquefied natural gas.

N/A = Not Applicable.

Sources: 2000 derived using Oak Ridge National Laboratory, "Fleet Vehicles in the United States: Composition, Operating Characteristics, and Fueling Practices," prepared for the Department of Energy, Office of Transportation Technologies, and Office of Policy, Planning, and Analysis (Oak Ridge, TN, March 1992); Bobb Publishing Company, Fuel Fact Book, various issues (Redondo Beach, California); United States Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," EC97TV (Washington, DC, October 1999); Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); Decision Analysis Corporation of Virginia, NEMS Transportation Sector Model: Development of the Light Commercial Truck Model, Final Report, Subtask 19.2, prepared for the Energy Information Administration (EIA) (April 23, 1997); Energy Information Administration (EIA), Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-060(496) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, <http://www.eia.doe.gov/natcat/transport/alt1.htm>; and EIA, AEC2002 National Energy Modeling System run aec2002_#102001b. Projections: EIA, AEC2002 National Energy Modeling System run aec2002_#102001b.

Table 52. Transportation Fleet Car and Truck Stock by Type and Technology (1 of 1)
(Thousands)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Cars 1/																						
Conventional Gasoline	7880.82	7769.36	7656.58	7523.52	7307.74	7247.08	7256.83	7236.41	7266.33	7289.86	7304.50	7314.03	7321.05	7330.34	7342.27	7355.45	7370.52	7388.82	7408.44	7429.24	7447.91	-0.3%
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	15.49	23.92	31.18	37.96	42.78	44.81	44.83	44.99	44.89	45.04	45.17	45.26	45.32	45.36	45.43	45.51	45.60	45.70	45.81	45.94	46.06	5.6%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	35.53	55.41	72.53	88.34	99.95	104.72	104.75	105.14	104.91	105.26	105.55	105.77	105.91	106.00	106.16	106.36	106.56	106.79	107.06	107.35	107.63	5.7%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	153.56	221.16	284.79	342.48	380.72	399.84	402.09	402.78	403.62	403.37	404.56	405.58	406.29	406.74	407.22	407.93	408.74	409.59	410.55	411.63	412.71	5.1%
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	90.62	122.04	151.39	177.93	195.28	204.01	205.03	205.31	205.73	205.74	206.32	206.81	207.15	207.38	207.64	208.00	208.41	208.86	209.36	209.91	210.46	4.3%
Electric	5.77	8.30	10.87	12.82	14.25	14.95	15.03	15.06	15.08	15.08	15.12	15.16	15.19	15.20	15.22	15.25	15.28	15.31	15.35	15.39	15.43	5.0%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Cars	8189.80	8200.19	8206.14	8183.25	8040.73	8015.41	8028.56	8009.68	8041.16	8064.46	8081.23	8092.62	8100.91	8111.04	8123.94	8136.51	8155.11	8175.07	8196.58	8216.46	8240.20	0.0%
Light Trucks 1/																						
Conventional Gasoline	9632.79	9823.99	9924.28	10011.83	9940.94	9857.80	9948.29	10126.21	10242.75	10383.17	10507.08	10611.62	10696.52	10767.49	10834.73	10899.79	10958.94	11015.67	11071.44	11125.25	11174.67	0.7%
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	25.03	38.80	52.29	65.12	76.27	85.01	89.40	90.69	92.26	93.17	94.39	95.45	96.32	97.03	97.65	98.25	98.82	99.35	99.85	100.34	100.81	7.2%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	58.35	91.04	123.11	153.59	180.10	200.91	211.36	214.38	218.12	220.27	223.14	225.65	227.73	229.40	230.86	232.29	233.64	234.87	236.06	237.23	238.33	7.3%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG Bi-fuel	96.27	143.80	189.96	229.03	260.73	282.98	294.51	299.10	303.72	307.09	311.00	314.38	317.15	319.42	321.44	323.41	325.24	326.95	328.61	330.23	331.74	6.4%
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	73.07	98.42	122.47	144.05	161.09	173.30	179.97	182.82	185.57	187.68	190.05	192.09	193.77	195.15	196.38	197.58	198.70	199.74	200.75	201.74	202.66	5.2%
Electric	4.17	6.20	8.14	9.89	11.30	12.32	12.85	13.04	13.25	13.39	13.57	13.71	13.84	13.93	14.02	14.11	14.19	14.26	14.34	14.41	14.47	6.4%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Light Trucks	18079.48	18402.43	18628.38	18796.76	18671.17	18627.53	18764.94	18935.93	19096.83	19269.23	19420.45	19545.51	19646.24	19733.46	19819.02	19903.94	19984.65	20065.92	20147.61	20227.66	20302.88	0.6%
Total Fleet Vehicles	26269.28	26602.63	26637.53	26980.01	26711.90	26642.94	26793.50	26945.61	27137.39	27333.69	27501.68	27638.13	27747.15	27844.80	27942.96	28042.45	28139.75	28240.98	28344.18	28446.12	28543.08	0.4%
Commercial Light Trucks 2/	5628.92	5685.26	5497.35	5557.95	5637.04	5783.45	5958.17	6147.82	6342.41	6535.09	6722.77	6905.05	7081.55	7254.90	7429.89	7610.72	7799.20	7996.93	8203.36	8417.42	8636.36	2.0%

1/ Includes all fleets of 10 or more.

2/ Commercial trucks from 8,500 to 10,000 pounds.

ICE = Internal combustion engine.

CNG = Compressed natural gas.

LNG = Liquefied natural gas.

N/A = Not applicable.

Sources: 2000 derived using Oak Ridge National Laboratory, "Fleet Vehicles in the United States: Composition, Operating Characteristics, and Fueling Practices," prepared for the Department of Energy, Office of Transportation Technologies, and Office of Policy, Planning, and Analysis (Oak Ridge, TN, March 1992); Bobl Publishing Company, Fleet Fact Book, various issues (Redondo Beach, California); United States Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," ECR97V (Washington, DC, October 1999); Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); Decision Analysis Corporation of Virginia, NEMS Transportation Sector Model: Development of the Light Commercial Truck Model, Final Report, Subtask 19-2, (April 23, 1997); Energy Information Administration (EIA),

Describing Current and Potential Markets for Alternative Fuel Vehicles, DOE/EIA-0504(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation

Fuels 1998, http://www.eia.doe.gov/coal/alt_transport/alt1998.html; and EIA, NECD2002 National Energy Modeling System run aec2002.01020010. Projections: EIA, NECD2002

National Energy Modeling System run aec2002.01020010.

**Table 53. Transportation Fleet Car and Truck Vehicle Miles Traveled by Type and Technology (1 of 1)
(Billion Miles)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Cars 1/																						
Conventional Gasoline	202.43	199.26	196.38	192.69	186.94	185.42	185.76	185.15	185.90	186.49	186.82	187.02	187.16	187.38	187.67	187.99	188.38	188.82	189.32	189.82	190.31	-0.3%
Distillate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	0.40	0.61	0.80	0.97	1.09	1.15	1.15	1.15	1.15	1.15	1.16	1.16	1.16	1.16	1.16	1.16	1.17	1.17	1.17	1.17	1.17	5.6%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	0.81	1.42	1.86	2.27	2.58	2.68	2.68	2.69	2.68	2.69	2.70	2.71	2.71	2.71	2.72	2.72	2.72	2.73	2.74	2.74	2.74	5.7%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG Bi-fuel	3.94	5.67	7.30	8.77	9.74	10.23	10.29	10.31	10.33	10.32	10.35	10.37	10.39	10.40	10.41	10.43	10.45	10.47	10.48	10.52	10.55	5.0%
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	2.33	3.13	3.88	4.56	5.00	5.22	5.25	5.25	5.26	5.28	5.29	5.30	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.38	5.38	4.3%
Electric	0.15	0.21	0.27	0.33	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	5.0%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Cars	210.15	210.33	210.49	209.99	205.69	205.08	205.52	204.94	205.71	206.31	206.68	206.93	207.10	207.34	207.65	208.00	208.41	208.82	209.46	210.01	210.56	0.0%
Light Trucks 1/																						
Conventional Gasoline	247.18	251.98	254.47	256.42	254.29	252.22	254.66	259.09	262.03	265.82	268.73	271.34	273.46	275.24	278.94	278.58	280.07	281.51	282.92	284.29	285.54	0.7%
Distillate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Methanol																						
Flex	0.64	1.00	1.34	1.67	1.95	2.17	2.29	2.32	2.38	2.38	2.41	2.44	2.46	2.48	2.50	2.51	2.53	2.54	2.55	2.56	2.58	7.2%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol																						
Flex	1.50	2.34	3.16	3.93	4.61	5.14	5.41	5.49	5.58	5.63	5.71	5.77	5.82	5.86	5.90	5.94	5.97	6.00	6.03	6.06	6.09	7.3%
Neat	1.50	2.34	3.16	3.93	4.61	5.14	5.41	5.49	5.58	5.63	5.71	5.77	5.82	5.86	5.90	5.94	5.97	6.00	6.03	6.06	6.09	7.3%
CNG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
CNG Bi-fuel	2.47	3.69	4.85	5.97	6.67	7.24	7.54	7.65	7.77	7.86	7.95	8.04	8.11	8.16	8.22	8.27	8.31	8.36	8.40	8.44	8.48	6.4%
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
LPG Bi-fuel	1.88	2.52	3.14	3.69	4.12	4.43	4.61	4.68	4.75	4.80	4.86	4.91	4.95	4.99	5.02	5.05	5.08	5.10	5.13	5.16	5.18	5.2%
Electric	0.11	0.16	0.21	0.25	0.29	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	6.4%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell																						
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total Fleet Light Truck	465.43	474.34	480.81	485.36	482.22	481.74	485.76	489.99	494.12	498.58	502.40	505.55	508.08	510.29	512.48	514.64	516.70	518.79	520.89	522.95	524.88	0.6%
Total Fleet Vehicles	675.58	684.67	691.31	694.95	687.91	686.83	691.28	694.93	699.83	704.89	709.09	712.47	715.18	717.63	720.13	722.65	725.12	727.71	730.35	732.95	735.43	0.4%
Commercial Light Trucks 2/	69.50	68.67	70.44	72.98	75.18	77.48	79.49	81.70	83.96	86.35	89.06	91.69	94.04	96.47	98.75	101.02	103.22	105.54	107.88	110.35	112.99	2.4%

1/ Includes all fleets of 10 or more.

2/ Commercial trucks from 8,500 to 10,000 pounds.

ICE = Internal combustion engine.

CNG = Compressed natural gas.

LNG = Liquefied natural gas.

N/A = Not applicable.

Sources: 2000 derived using Oak Ridge National Laboratory, "Fleet Vehicles in the United States: Composition, Operating Characteristics, and Fueling Practices," prepared for the Department of Energy, Office of Transportation Technologies, and Office of Policy, Planning, and Analysis (Oak Ridge, TN, March 1992); Bobl Publishing Company.

Fleet Fact Book, various issues (Redondo Beach, California); Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); Decision Analysis Corporation of Virginia, NEMS Transportation Sector Model: Development of the Light Commercial Truck Model, Final Report, Subtask 19-2, (April 23, 1997); and Energy Information Administration (EIA), AEO2002 National Energy Modeling System run aeo2002.d102001b; Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 54. Air Travel Energy Use (1 of 2)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Fuel Cost (1987 dollars / million Btu)	5.3	4.3	4.1	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	-0.7%
Macro Variables (1996 dollars)																						
GDP	9224.0	9319.0	9523.3	9626.2	10103.3	10418.5	10718.9	11046.4	11441.6	11866.9	12311.8	12777.0	13166.4	13559.9	13972.7	14399.2	14835.3	15287.3	15717.2	16138.0	16525.5	3.0%
Disposable Income	6539.2	6771.8	6923.9	7168.7	7375.8	7592.7	7766.7	7951.8	8200.3	8474.2	8741.7	9032.6	9328.7	9616.1	9907.6	10202.2	10515.0	10819.6	11114.2	11426.7	11697.7	3.0%
Real Merchandise Exports	836.1	804.1	803.1	862.2	924.9	996.1	1078.2	1167.7	1265.4	1378.2	1501.1	1634.6	1759.6	1894.2	2039.8	2196.7	2366.0	2547.7	2742.5	2947.4	3164.1	6.9%
Yield (ticket price, 1992 dollars) 1/	15.8	14.8	14.6	14.4	14.5	14.5	14.5	14.6	14.6	14.7	14.7	14.8	14.9	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	-0.2%
Travel Demand (billion miles)																						
Revenue Passenger Miles, Domestic	512.2	502.2	519.7	541.5	559.1	578.7	595.7	612.9	636.5	661.8	687.6	714.7	740.2	764.8	790.2	815.9	844.5	873.3	900.9	929.1	954.1	3.2%
Personal	264.0	262.0	273.1	285.7	295.0	313.2	332.2	344.6	356.9	369.8	383.5	396.3	409.1	422.0	437.4	452.4	468.9	482.3	495.8	508.3	520.5	3.2%
Business	248.3	240.3	246.6	255.8	264.0	273.5	282.6	292.3	304.3	317.2	330.7	344.9	356.6	368.5	381.0	393.9	407.2	420.9	434.0	446.8	458.5	3.1%
Load Factor, Domestic 2/	0.70	0.70	0.70	0.71	0.71	0.71	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.74	0.74	0.74	0.75	0.75	0.75	0.75	0.76	0.4%
Revenue Passenger Miles, International	201.2	199.4	206.7	215.7	223.0	231.0	238.1	245.4	255.0	265.4	276.1	287.4	298.0	308.4	318.1	329.9	341.5	353.1	364.3	375.7	386.8	3.3%
Load Factor, International 2/	0.74	0.74	0.75	0.75	0.75	0.75	0.76	0.76	0.76	0.77	0.77	0.77	0.77	0.78	0.78	0.78	0.79	0.79	0.79	0.79	0.79	0.3%
Revenue Ton Miles, Freight (billion)	17.9	16.5	16.0	17.2	18.5	19.9	21.5	23.3	25.3	27.5	30.0	32.6	34.9	37.4	40.1	43.0	46.0	49.3	52.7	56.3	60.0	6.2%
Seat Miles Demanded (billion)	1184.3	1150.4	1175.4	1226.3	1269.1	1317.4	1362.2	1409.9	1469.1	1534.9	1603.3	1675.9	1742.2	1808.4	1877.7	1949.1	2026.8	2106.5	2188.3	2268.2	2342.3	3.5%
Narrow Body Aircraft	594.5	571.7	578.3	597.3	612.0	628.9	643.8	659.2	680.5	703.9	727.9	753.2	775.2	796.6	818.8	841.5	866.3	891.3	915.4	939.8	961.7	2.4%
Wide Body Aircraft	589.8	578.7	597.1	629.0	657.1	688.5	718.4	749.7	788.6	831.1	875.5	922.7	967.0	1011.8	1058.8	1107.6	1158.5	1215.2	1269.9	1326.4	1380.6	4.3%
Aircraft Sales																						
Narrow Body Aircraft	132.3	14.1	24.2	265.7	233.7	251.8	237.8	244.1	292.2	311.8	320.9	335.6	315.1	316.2	327.8	336.4	358.2	365.6	362.8	369.3	354.0	5.0%
Wide Body Aircraft	51.1	23.3	26.5	90.3	84.4	91.4	89.4	92.8	106.0	115.5	120.1	126.3	121.8	123.8	129.1	133.7	142.8	147.6	149.2	154.1	151.6	5.6%
Aircraft Stock																						
Narrow Body Aircraft	4627.5	4520.1	4423.1	4567.8	4680.2	4809.8	4923.8	5041.4	5204.3	5385.1	5566.7	5780.4	5928.5	6092.4	6262.4	6436.6	6625.1	6817.0	7011.3	7187.7	7355.0	2.3%
Wide Body Aircraft	1144.9	1141.0	1139.0	1199.6	1253.3	1313.2	1370.2	1429.3	1504.1	1586.0	1669.7	1759.8	1844.3	1929.8	2019.5	2112.5	2213.4	2317.7	2422.0	2529.7	2633.3	4.3%
Advanced Technology Penetration																						
Ultra-high Bypass	0.08	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.09	0.20	0.35	0.55	0.73	0.88	0.94	0.97	0.98	0.99	1.00	13.1%
Propfan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Thermodynamics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Hybrid Laminar Flow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Advanced Aerodynamics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Weight Reducing Materials	0.00	0.01	0.02	0.04	0.08	0.14	0.25	0.40	0.57	0.73	0.85	0.92	0.96	0.98	0.99	0.99	1.00	1.00	1.00	1.00	1.00	30.4%
New Aircraft Efficiency 3/																						
Narrow Body Aircraft	51.2	51.5	51.7	52.0	52.4	52.8	53.2	53.6	54.0	54.4	54.8	55.3	55.7	56.1	56.6	57.0	57.4	57.9	58.3	58.8	59.2	0.7%
Wide Body Aircraft	60.9	61.2	61.4	61.6	62.0	62.3	62.7	63.1	63.4	63.8	64.2	64.6	65.0	65.6	66.7	67.5	67.8	68.0	68.1	68.4	68.4	0.6%
Average Aircraft	53.5	57.1	58.3	54.1	54.6	55.0	55.5	55.9	56.2	56.7	57.1	57.6	58.0	58.5	59.1	59.6	60.1	60.5	60.9	61.3	61.7	0.7%

Table 54. Air Travel Energy Use (2 of 2)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Aircraft Stock Efficiency 3/																							
Narrow Body Aircraft	47.9	48.1	48.3	48.7	49.1	49.5	49.8	50.2	50.6	51.0	51.4	51.8	52.2	52.6	53.0	53.5	53.9	54.3	54.7	55.1	55.5	0.7%	
Wide Body Aircraft	57.1	57.3	57.4	57.8	58.2	58.5	58.8	59.2	59.6	59.9	60.3	60.7	61.0	61.4	61.8	62.2	62.6	63.0	63.4	63.8	64.1	64.5	0.6%
Average Aircraft	52.1	52.3	52.6	53.0	53.4	53.8	54.2	54.6	55.1	55.5	55.9	56.4	56.8	57.2	57.6	58.1	58.6	59.0	59.4	59.9	60.3	0.7%	
Fuel Consumption (trillion Btu)																							
Commercial																							
Jet Fuel	3070.6	2968.5	3018.0	3123.2	3207.9	3304.4	3391.5	3481.8	3602.4	3734.3	3870.4	4014.1	4141.9	4267.6	4397.1	4528.7	4672.3	4819.0	4962.5	5109.3	5244.7	2.7%	
Aviation Gasoline	42.6	42.5	42.4	42.3	42.3	42.3	42.2	42.2	42.2	42.2	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	-0.1%	
Military																							
Jet Fuel	509.4	525.5	564.0	570.4	572.9	575.7	579.3	583.8	589.0	595.3	601.3	606.4	609.4	611.1	613.5	615.5	617.4	619.0	620.4	621.7	622.8	1.0%	

1/ Fraction of seats filled.
 2/ 1992 cents per passenger mile.
 3/ Seat miles per gallon.
 RPM = Revenue passenger miles.
 GDP = Gross domestic product.
 Btu = British thermal unit.
 N/A = Not applicable.

Sources: 2000 derived using: Decision Analysis Corporation of Virginia, NEMS Transportation Sector Model: Model Maintenance Re-Estimation of the Air Travel Demand Model, Subtask 22-1(a), (September 30, 1997); Federal Aviation Administration (FAA), FAA Aviation Forecasts, Fiscal Years 1998-2009, FAA-APO 98-1, and previous editions; United States Department of Transportation (DOT), Research and Special Programs Administration (RSPA), Fuel Cost and Consumption Tables, annual summaries, 1979-1990; U.S. Department of Transportation, RSPA, Air Carrier Financial Statistics Quarterly, December 1999/1998; U.S. Department of Transportation, RSPA, Air Carrier Statistics Monthly, December 1999/1998 (Washington, DC, 1999); Greene, D.L., "Energy Efficiency Improvement Potential of Commercial Aircraft to 2010," ORNL-6022, 6/1990; Ruffo, A. B., Peterson, and D. Greene, 36 Transport Energy Use Model, Oak Ridge National Laboratory, April 1991; Draft Energy Information Administration (EIA), State Energy Data Report 1999, DOE/EIA-0214(99) (Washington, DC, May 2001); Department of Defense, Defense Energy Support Center, Fact Book: Fiscal Year 1999, and EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b. Projections: EIA AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 55. Freight Transportation Energy Use (1 of 3)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020
Existing Trucks by Size Class																						
VMT (billion miles)																						
Medium																						
Diesel	33.08	34.23	35.21	36.77	38.11	39.48	40.44	41.62	42.87	44.30	45.79	47.41	48.78	50.19	51.57	53.00	54.48	56.07	57.71	59.31	60.75	3.1%
Gasoline	16.13	15.18	14.90	14.66	14.27	13.88	13.32	12.84	12.38	12.01	11.69	11.45	11.22	11.04	10.90	10.80	10.73	10.70	10.69	10.67	10.63	-2.1%
Liquefied Petroleum Gas	0.46	0.42	0.40	0.39	0.38	0.36	0.36	0.36	0.37	0.38	0.40	0.42	0.44	0.46	0.47	0.49	0.50	0.51	0.52	0.53	0.53	0.8%
Compressed Natural Gas	0.04	0.05	0.06	0.09	0.14	0.20	0.28	0.38	0.50	0.63	0.77	0.92	1.07	1.21	1.33	1.45	1.57	1.67	1.76	1.85	1.92	21.8%
Medium Subtotal	49.71	49.88	50.58	51.92	52.90	53.92	54.40	55.20	56.11	57.32	58.65	60.21	61.51	62.80	64.29	65.76	67.27	68.85	70.68	72.36	73.84	2.0%
Heavy																						
Diesel	162.70	168.25	172.82	180.76	187.82	194.82	199.81	205.45	211.16	217.06	224.27	231.50	237.43	243.36	249.00	254.68	260.38	266.46	272.63	278.47	283.61	2.8%
Gasoline	1.90	1.71	1.62	1.55	1.47	1.40	1.32	1.26	1.21	1.18	1.15	1.14	1.14	1.14	1.14	1.15	1.16	1.18	1.20	1.21	1.23	-2.1%
Liquefied Petroleum Gas	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.14	0.17	0.19	0.20	0.22	0.23	0.24	0.24	0.25	0.25	0.25	0.24	0.24	0.24	13.5%
Compressed Natural Gas	0.02	0.04	0.06	0.09	0.14	0.21	0.29	0.38	0.48	0.60	0.71	0.82	0.92	1.00	1.06	1.12	1.16	1.19	1.22	1.24	1.27	22.0%
Heavy Subtotal	164.64	170.03	174.54	182.46	189.51	196.63	201.54	207.23	213.02	219.62	226.34	233.69	239.71	245.74	251.45	257.19	262.94	269.07	275.29	281.18	286.35	2.8%
Total Vehicle Miles Traveled	214.35	219.90	225.11	234.38	242.41	250.55	255.94	262.43	269.13	276.94	284.99	293.69	301.22	308.64	315.74	322.94	330.22	338.02	345.97	353.53	361.18	2.6%
Consumption (trillion Btu)																						
Medium																						
Diesel	507.71	521.58	533.52	554.24	572.15	590.95	604.15	621.00	639.23	660.61	682.81	706.99	727.56	748.59	769.26	790.57	812.49	836.15	860.53	884.18	905.61	2.9%
Gasoline	240.30	225.15	220.31	216.15	209.79	203.49	194.93	187.58	180.53	174.61	169.56	165.70	161.90	158.98	156.54	154.67	153.23	152.41	151.83	151.20	150.23	-2.3%
Liquefied Petroleum Gas	9.24	8.54	8.09	7.68	7.25	6.90	6.61	6.32	6.06	5.82	5.78	5.70	5.68	5.71	5.73	5.79	5.82	5.86	5.88	5.88	5.85	-0.4%
Compressed Natural Gas	0.63	0.77	1.02	1.51	2.26	3.25	4.48	6.01	7.83	9.93	12.18	14.55	16.82	18.99	21.00	22.88	24.61	26.23	27.73	29.08	30.24	21.4%
Medium Subtotal	757.97	756.05	762.96	779.59	791.45	804.59	810.17	821.11	834.18	851.91	871.56	894.52	913.79	934.26	954.71	976.19	998.55	1023.15	1048.58	1073.03	1094.73	1.9%
Heavy																						
Diesel	3730.33	3832.70	3916.27	4078.36	4224.99	4376.91	4482.88	4608.19	4736.42	4882.23	5028.09	5181.72	5298.72	5406.87	5497.14	5578.25	5655.21	5737.79	5818.39	5893.67	5967.53	2.4%
Gasoline	34.35	30.88	28.94	27.55	26.08	24.78	23.36	22.22	21.28	20.61	20.15	19.92	19.73	19.66	19.74	19.86	19.98	20.10	20.36	20.62	20.85	-2.5%
Liquefied Petroleum Gas	0.37	0.53	0.74	1.07	1.43	1.89	2.15	2.51	2.86	3.21	3.52	3.80	3.99	4.13	4.20	4.22	4.23	4.21	4.21	4.21	4.21	13.0%
Compressed Natural Gas	0.43	0.65	0.97	1.58	2.47	3.60	4.95	6.53	8.31	10.38	12.21	14.14	15.73	17.18	18.30	19.19	19.90	20.48	20.98	21.41	21.78	21.7%
Heavy Subtotal	3765.47	3864.56	3946.92	4108.55	4254.97	4407.09	4513.44	4639.45	4768.87	4916.31	5063.98	5219.58	5338.22	5447.84	5538.30	5621.40	5699.22	5782.59	5863.94	5939.90	6004.37	2.4%
Medium and Heavy Total																						
Diesel	4238.04	4354.28	4449.79	4632.60	4797.15	4967.86	5087.13	5229.20	5375.66	5542.84	5710.91	5888.72	6026.28	6155.46	6266.40	6368.81	6467.70	6573.93	6678.92	6777.84	6863.14	2.4%
Gasoline	274.64	255.83	249.25	243.70	235.87	228.28	218.29	209.80	201.81	195.22	189.71	185.62	181.63	178.61	176.20	174.41	173.11	172.51	172.19	171.82	171.09	-2.3%
Liquefied Petroleum Gas	9.70	9.07	8.83	8.75	8.68	8.69	8.76	9.03	9.44	9.97	10.52	11.08	11.51	11.86	12.11	12.30	12.45	12.58	12.70	12.79	12.86	1.4%
Compressed Natural Gas	1.05	1.42	2.00	3.08	4.73	6.85	9.44	12.54	16.15	20.19	24.39	28.69	32.60	36.17	39.30	42.07	44.51	46.72	48.71	50.49	52.02	21.5%
Total	4523.44	4620.60	4709.87	4888.13	5046.42	5211.69	5325.62	5460.57	5603.05	5768.22	5935.54	6114.10	6292.01	6382.10	6494.00	6597.59	6697.77	6805.74	6912.52	7012.94	7099.10	2.3%
Fuel Efficiency (gasoline equivalent)																						
Medium																						
Diesel	8.19	8.26	8.30	8.33	8.36	8.38	8.39	8.40	8.41	8.42	8.43	8.43	8.43	8.44	8.44	8.44	8.44	8.45	8.45	8.45	8.45	0.2%
Gasoline	8.40	8.42	8.44	8.46	8.49	8.51	8.53	8.55	8.57	8.59	8.62	8.64	8.67	8.69	8.72	8.75	8.77	8.80	8.83	8.86	8.88	0.3%
Liquefied Petroleum Gas	6.16	6.22	6.29	6.40	6.51	6.61	6.71	6.81	6.92	7.02	7.12	7.21	7.29	7.36	7.42	7.48	7.53	7.57	7.61	7.64	7.67	1.1%
Compressed Natural Gas	7.39	7.56	7.69	7.79	7.85	7.88	7.89	7.89	7.90	7.90	7.91	7.92	7.93	7.93	7.94	7.94	7.94	7.94	7.95	7.95	7.95	0.4%
Medium Average	8.24	8.29	8.32	8.35	8.37	8.39	8.41	8.42	8.43	8.44	8.45	8.46	8.46	8.47	8.47	8.48	8.48	8.49	8.49	8.49	8.50	0.2%
Heavy																						
Diesel	5.46	5.49	5.52	5.54	5.56	5.57	5.57	5.58	5.58	5.58	5.58	5.59	5.59	5.60	5.60	5.60	5.61	5.61	5.61	5.61	5.61	0.4%
Gasoline	6.91	6.95	6.99	7.02	7.05	7.07	7.09	7.10	7.11	7.11	7.12	7.12	7.13	7.13	7.14	7.14	7.14	7.15	7.15	7.15	7.15	0.3%
Liquefied Petroleum Gas	6.60	6.66	6.69	6.78	6.85	6.91	6.96	7.01	7.06	7.11	7.16	7.21	7.25	7.29	7.32	7.35	7.37	7.39	7.41	7.42	7.43	0.5%
Compressed Natural Gas	6.99	7.07	7.13	7.18	7.22	7.23	7.25	7.25	7.25	7.26	7.26	7.26	7.27	7.27	7.27	7.27	7.27	7.27	7.27	7.27	7.27	0.2%
Heavy Average	5.47	5.50	5.53	5.55	5.57	5.58	5.58	5.59	5.59	5.59	5.59	5.60	5.62	5.64	5.68	5.72	5.77	5.82	5.87	5.92	5.96	0.4%
Average	5.93	6.01	6.05	6.00	6.01	6.01	6.01	6.01	6.01	6.00	6.01	6.01	6.01	6.03	6.05	6.08	6.12	6.21	6.21	6.26	6.30	0.3%

Table 55. Freight Transportation Energy Use (3 of 3)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Domestic Shipping																						
Ton Miles Shipping (billion ton miles)	689.25	706.10	709.05	723.30	731.82	740.90	749.12	758.40	768.72	779.37	791.71	805.01	814.62	828.27	841.56	855.30	868.58	879.95	891.02	899.93	910.10	1.4%
Fuel Efficiency (ton miles / thousand Btu)	2.28	2.29	2.29	2.30	2.30	2.31	2.31	2.31	2.32	2.32	2.33	2.33	2.34	2.34	2.35	2.35	2.36	2.36	2.37	2.37	2.38	0.2%
Fuel Consumption (trillion Btu)																						
Distillate (diesel)	211.58	218.60	218.64	222.59	224.76	227.09	229.15	231.53	234.21	236.98	240.25	243.79	246.21	249.84	253.34	256.96	260.43	263.19	266.09	268.21	270.70	1.2%
Residual Oil	90.53	90.14	90.79	92.43	93.33	94.30	95.15	96.14	97.25	98.40	99.76	101.24	102.24	103.74	105.20	106.70	108.14	109.29	110.49	111.37	112.41	1.1%
Motor Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
International Shipping																						
Gross Trade (billion 1996 dollars)	2161.90	2116.02	2119.58	2246.56	2389.70	2534.34	2687.65	2853.44	3033.30	3238.39	3459.28	3698.89	3957.99	4237.14	4541.85	4870.50	5222.99	5605.93	6022.59	6467.06	6944.10	6.0%
Exports (billion 1996 dollars)	836.08	804.08	803.09	862.22	924.93	996.14	1078.16	1167.72	1265.44	1378.24	1501.12	1634.57	1759.64	1894.22	2039.83	2196.71	2365.98	2547.67	2742.50	2947.36	3164.07	6.9%
Imports (billion 1996 dollars)	1325.82	1311.94	1316.50	1384.37	1464.77	1538.20	1609.50	1685.71	1767.86	1860.15	1958.17	2064.32	2198.34	2342.92	2502.02	2673.79	2857.01	3058.25	3280.10	3519.70	3780.02	5.4%
Fuel Consumption (trillion Btu)																						
Distillate (diesel)	69.42	64.74	66.00	66.10	66.20	66.29	66.39	66.49	66.59	66.70	66.81	66.93	67.04	67.16	67.28	67.40	67.52	67.64	67.76	67.89	68.01	-0.1%
Residual Oil	1029.18	924.90	949.50	950.92	952.38	953.77	955.16	956.58	958.06	959.65	961.25	962.89	964.57	966.25	967.95	969.67	971.39	973.14	974.91	976.68	978.45	-0.3%

VMT = Vehicle miles traveled.

MPG = Miles per gallon.

Btu = British thermal unit.

NA = Not applicable.

Sources: 2000 derived using Oak Ridge National Laboratory, Transportation Energy Data Book: 17, 18, and 19 (Oak Ridge, TN, September 1999); United States Department of Transportation, 1989 Commodity Waybill Statistics Traffic and Revenue by Commodity Classes, September 1991 and prior issues; Reebie Associates, TRANSEARCH Database, (Greenwich, Connecticut, 1989); Army Corps of Engineers, Waterborne Commerce of the United States, (New Orleans), 1991 and prior issues; U.S. Department of Commerce, Bureau of the Census, "Vehicle Inventory and Use Survey," ECHOVT (Washington, DC, October 1999); Federal Highway Administration, Highway Statistics 1998 (Washington, DC, November 1999); and Energy Information Administration (EIA), AEO2002 National Energy Modeling System run aeo2002.d1020r1b. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d1020r1b.

Table 56. New Light-Duty Vehicle Fuel Economy (1 of 4)
(Miles per Gallon)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Gasoline																							
Mini-compact Cars	24.44	24.39	24.29	25.23	25.11	25.03	25.00	25.04	25.14	25.24	25.34	25.41	25.51	25.70	25.87	26.08	26.20	26.35	26.46	26.56	26.66	0.4%	
Subcompact Cars	32.42	32.42	32.29	33.20	33.22	33.24	33.29	33.30	33.39	33.49	33.62	33.70	33.80	33.98	34.11	34.26	34.38	34.54	34.67	34.80	34.83	0.6%	
Compact Cars	30.42	30.45	30.37	31.38	31.56	31.54	31.56	31.56	31.61	31.71	31.82	32.06	32.17	32.51	32.68	32.84	33.00	33.17	33.34	33.51	33.64	0.5%	
Midsize Cars	27.59	27.72	27.72	28.54	28.43	28.48	28.53	28.56	28.65	28.76	28.90	29.00	29.11	29.29	29.45	29.62	29.76	29.91	30.07	30.23	30.34	0.5%	
Large Cars	25.43	25.64	25.74	26.44	26.39	26.51	26.62	26.68	26.81	27.01	27.23	27.40	27.54	27.70	27.84	28.00	28.16	28.34	28.53	28.73	28.87	0.6%	
Two Seater Cars	26.97	26.98	26.94	27.86	27.75	27.72	27.73	27.78	27.91	28.06	28.19	28.29	28.42	28.61	28.79	29.01	29.15	29.33	29.48	29.62	29.75	0.5%	
Small Pickup	25.38	25.41	25.31	25.60	25.43	25.45	25.49	25.51	25.59	25.69	25.81	25.95	26.12	26.42	26.54	26.70	26.87	27.07	27.15	27.23	27.30	0.4%	
Large Pickup	18.72	18.72	18.68	18.93	18.81	18.85	18.97	19.11	19.24	19.36	19.53	19.74	19.95	20.27	20.40	20.55	20.69	20.78	20.88	20.96	21.07	0.6%	
Small Van	25.30	25.29	25.32	25.67	25.51	25.65	25.77	25.88	26.03	26.16	26.32	26.55	26.89	27.17	27.26	27.39	27.55	27.76	27.89	28.00	28.14	0.5%	
Large Van	18.28	18.30	18.36	18.80	18.77	18.82	19.02	19.19	19.38	19.55	19.73	19.90	20.07	20.38	20.52	20.68	20.82	20.92	21.02	21.11	21.18	0.7%	
Small Utility	21.61	21.66	21.69	22.42	22.29	22.33	22.40	22.45	22.55	22.68	22.86	23.05	23.21	23.49	23.63	23.95	24.08	24.18	24.29	24.40	24.40	0.6%	
Large Utility	16.92	16.89	16.94	17.45	17.40	17.46	17.65	17.80	17.97	18.14	18.29	18.45	18.60	18.84	18.97	19.13	19.25	19.34	19.42	19.50	19.57	0.7%	
Turbo Direct Injection Diesel																							
Mini-compact Cars	32.64	32.55	32.32	33.12	32.92	32.79	32.74	32.78	32.85	32.98	33.07	33.11	33.19	33.30	33.37	33.48	33.51	33.65	33.54	33.55	33.59	0.1%	
Subcompact Cars	43.50	43.49	43.28	43.88	43.68	43.68	43.72	43.68	43.72	43.78	43.85	43.88	43.95	44.06	44.16	44.27	44.34	44.42	44.48	44.57	44.60	0.1%	
Compact Cars	40.79	40.82	40.64	41.32	41.11	41.14	41.14	41.09	41.10	41.17	41.40	41.51	41.63	41.73	41.83	41.95	42.02	42.14	42.24	42.37	42.44	0.2%	
Midsize Cars	36.98	37.15	37.03	37.67	37.39	37.48	37.53	37.54	37.64	37.77	37.90	37.99	38.06	38.20	38.30	38.40	38.49	38.59	38.67	38.77	38.84	0.2%	
Large Cars	34.07	34.32	34.34	34.83	34.66	34.85	34.97	35.00	35.07	35.19	35.36	35.52	35.64	35.82	35.99	36.14	36.30	36.48	36.65	36.84	36.92	0.4%	
Two Seater Cars	36.05	36.03	35.87	36.87	36.40	36.32	36.32	36.42	36.56	36.68	36.77	36.88	37.04	37.15	37.29	37.38	37.50	37.56	37.64	37.71	37.71	0.2%	
Small Pickup	34.12	34.14	33.94	34.12	33.81	33.81	33.82	33.78	33.81	33.88	33.96	34.07	34.22	34.49	34.54	34.59	34.66	34.83	34.93	34.98	34.99	0.1%	
Large Pickup	25.12	25.11	25.02	25.17	24.96	24.99	25.08	25.23	25.40	25.52	25.70	25.89	26.11	26.44	26.52	26.64	26.77	26.93	27.00	27.03	27.04	0.4%	
Small Van	33.99	33.92	33.77	33.98	33.63	33.67	33.72	33.75	33.86	33.94	34.06	34.31	34.62	35.04	35.13	35.21	35.33	35.55	35.73	35.85	35.94	0.3%	
Large Van	24.44	24.42	24.43	24.99	24.89	24.93	25.03	25.18	25.42	25.62	25.80	25.99	26.21	26.54	26.64	26.75	26.88	27.02	27.09	27.14	27.16	0.5%	
Small Utility	28.99	29.05	29.00	29.63	29.41	29.42	29.45	29.45	29.52	29.62	29.75	29.89	30.02	30.28	30.35	30.56	30.69	30.75	30.78	30.78	30.78	0.3%	
Large Utility	22.62	22.53	22.54	23.14	23.03	23.06	23.17	23.34	23.56	23.75	23.91	24.10	24.30	24.54	24.62	24.75	24.86	24.97	25.02	25.05	25.09	0.5%	
Methanol																							
Mini-compact Cars	26.33	26.27	26.16	27.12	27.00	26.92	26.89	26.94	27.06	27.21	27.33	27.42	27.55	27.74	27.91	28.12	28.24	28.37	28.46	28.56	28.65	0.4%	
Subcompact Cars	34.93	34.92	34.78	35.63	35.60	35.62	35.69	35.70	35.81	35.94	36.08	36.20	36.31	36.51	36.67	36.85	36.99	37.17	37.30	37.45	37.53	0.4%	
Compact Cars	32.77	32.80	32.71	33.69	33.76	33.77	33.79	33.81	33.88	34.00	34.34	34.52	34.72	34.97	35.19	35.42	35.60	35.81	35.99	36.19	36.31	0.5%	
Midsize Cars	29.72	29.88	29.89	30.72	30.59	30.67	30.77	30.85	30.99	31.14	31.32	31.45	31.59	31.81	31.97	32.17	32.32	32.47	32.62	32.78	32.89	0.5%	
Large Cars	27.61	27.85	28.02	28.68	28.64	28.88	29.05	29.13	29.28	29.47	29.70	29.89	30.07	30.25	30.40	30.58	30.74	30.92	31.11	31.31	31.44	0.7%	
Two Seater Cars	29.24	29.23	29.17	30.08	29.99	29.97	29.99	30.05	30.20	30.37	30.54	30.67	30.81	31.03	31.21	31.42	31.57	31.73	31.87	32.01	32.14	0.5%	
Small Pickup	27.37	27.40	27.33	27.63	27.42	27.47	27.52	27.56	27.70	27.86	28.06	28.27	28.48	28.84	28.95	29.13	29.28	29.46	29.60	29.68	29.73	0.4%	
Large Pickup	20.26	20.27	20.24	20.50	20.36	20.41	20.53	20.72	20.95	21.12	21.35	21.60	21.83	22.17	22.30	22.45	22.60	22.71	22.80	22.88	22.92	0.6%	
Small Van	27.90	27.82	27.83	28.11	27.91	28.06	28.19	28.29	28.45	28.69	28.76	29.00	29.26	29.65	29.74	29.89	30.03	30.24	30.40	30.50	30.62	0.5%	
Large Van	19.75	19.76	19.83	20.34	20.28	20.32	20.52	20.71	20.94	21.17	21.43	21.68	21.91	22.26	22.40	22.56	22.71	22.83	22.93	23.01	23.07	0.8%	
Small Utility	23.28	23.36	23.44	24.23	24.23	24.22	24.32	24.41	24.55	24.70	24.90	25.11	25.30	25.60	25.72	25.88	26.02	26.17	26.26	26.34	26.43	0.6%	
Large Utility	16.28	16.24	16.31	16.85	16.82	16.86	16.95	17.23	17.43	17.62	17.82	18.05	18.26	18.57	18.71	18.87	19.00	19.09	19.17	19.25	19.32	0.8%	
Methanol Flex																							
Mini-compact Cars	24.91	24.85	24.75	25.70	25.58	25.50	25.47	25.52	25.63	25.74	25.85	25.93	26.05	26.25	26.42	26.64	26.76	26.90	27.01	27.11	27.21	0.4%	
Subcompact Cars	33.03	33.02	32.90	33.80	33.79	33.81	33.87	33.88	33.99	34.10	34.23	34.33	34.44	34.63	34.77	34.93	35.07	35.23	35.36	35.51	35.60	0.4%	
Compact Cars	30.89	31.01	30.94	31.95	32.09	32.08	32.10	32.11	32.17	32.28	32.65	32.80	32.95	33.18	33.33	33.52	33.69	33.89	34.07	34.27	34.38	0.5%	
Midsize Cars	28.11	28.25	28.26	29.08	28.98	29.02	29.08	29.13	29.23	29.38	29.53	29.66	29.79	29.99	30.16	30.49	30.64	30.79	30.85	31.07	31.07	0.5%	
Large Cars	26.00	26.22	26.34	27.03	27.02	27.19	27.34	27.42	27.58	27.78	28.00	28.17	28.32	28.48	28.64	28.80	28.96	29.14	29.33	29.53	29.67	0.7%	
Two Seater Cars	27.56	27.56	27.52	28.45	28.35	28.33	28.34	28.40	28.53	28.69	28.84	28.95	29.10	29.30	29.48	29.70	29.85	30.02	30.17	30.31	30.43	0.5%	
Small Pickup	25.86	25.89	25.80	26.10	25.92	25.95	25.99	26.02	26.12	26.25	26.40	26.58	26.79	27.14	27.26	27.42	27.58	27.78	27.90	27.96	28.02	0.4%	
Large Pickup	19.11	19.11	19.08	19.34	19.21	19.25	19.38	19.53	19.69	19.84	20.07	20.29	20.51	20.83	20.96	21.12	21.26	21.36	21.45	21.53	21.57	0.6%	
Small Van	26.07	26.05	26.09	26.41	26.24	26.38	26.51	26.61	26.77	26.90	27.06	27.29	27.55	27.82	28.02	28.15	28.30	28.51	28.65	28.75	28.80	0.5%	
Large Van	18.65	18.67	18.73	19.25	19.16	19.20	19.41	19.59	19.76	19.97	20.16	20.38	20.61	20.94	21.08	21.24	21.39	21.49	21.59	21.67	21.74	0.8%	
Small Utility	22.02	22.08	22.13	22.89	22.77	22.83	22.90	22.99	23.13	23.27	23.46	23.65	23.82	24.11	24.24	24.40	24.55	24.70	24.79	24.89	24.99	0.6%	
Large Utility	17.27	17.24	17.30	17.81	17.76	17.82	18.01	18.17	18.35	18.53	18.69	18.86	19.05	19.34	19.48	19.64	19.76	19.85	19.93	20.01	20.08	0.8%	

Table 56. New Light-Duty Vehicle Fuel Economy (2 of 4)
(Miles per Gallon)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Ethanol																							
Mini-compact Cars	25.39	25.33	25.23	26.18	26.05	25.98	25.95	26.01	26.11	26.24	26.36	26.45	26.57	26.77	26.94	27.15	27.27	27.41	27.51	27.61	27.70	0.4%	
Subcompact Cars	33.66	33.65	33.53	34.41	34.39	34.41	34.48	34.49	34.60	34.71	34.85	34.97	35.08	35.27	35.42	35.59	35.73	35.89	36.02	36.17	36.28	0.4%	
Compact Cars	31.58	31.61	31.54	32.54	32.65	32.65	32.67	32.68	32.75	32.80	32.86	32.92	33.00	33.10	33.19	33.29	33.40	33.51	33.62	33.74	33.84	0.5%	
Midsize Cars	28.64	28.80	28.81	29.64	29.50	29.67	29.63	29.69	29.83	29.97	30.14	30.27	30.41	30.62	30.78	30.97	31.12	31.27	31.43	31.59	31.70	0.5%	
Large Cars	26.56	26.78	26.91	27.59	27.58	27.80	27.96	28.04	28.19	28.39	28.62	28.79	28.95	29.12	29.28	29.44	29.60	29.78	29.97	30.17	30.30	0.7%	
Two Seater Cars	28.13	28.14	28.09	29.01	28.92	28.90	28.92	28.97	29.11	29.28	29.44	29.56	29.70	29.91	30.09	30.31	30.46	30.63	30.77	30.91	31.02	0.5%	
Small Pickup	26.36	26.39	26.31	26.62	26.43	26.47	26.51	26.54	26.68	26.80	26.97	27.18	27.39	27.74	27.86	28.03	28.18	28.36	28.50	28.58	28.63	0.4%	
Large Pickup	19.50	19.50	19.48	19.73	19.60	19.85	19.78	19.93	20.13	20.29	20.53	20.76	20.98	21.31	21.44	21.59	21.74	21.84	21.94	22.01	22.05	0.6%	
Small Van	36.71	36.68	36.70	37.01	36.82	36.97	37.10	37.20	37.36	37.49	37.66	37.89	38.16	38.53	38.63	38.76	38.91	39.12	39.27	39.36	39.51	0.5%	
Large Van	19.02	19.04	19.10	19.59	19.54	19.58	19.79	19.98	20.19	20.37	20.61	20.85	21.07	21.41	21.56	21.71	21.87	21.97	22.07	22.15	22.21	0.6%	
Small Utility	22.44	22.50	22.57	23.34	23.30	23.40	23.48	23.63	23.78	23.97	24.17	24.34	24.63	24.76	24.93	25.08	25.22	25.31	25.40	25.50	25.62	0.6%	
Large Utility	17.61	17.58	17.64	18.16	18.11	18.17	18.36	18.53	18.71	18.90	19.06	19.26	19.47	19.77	19.91	20.07	20.19	20.28	20.37	20.45	20.52	0.6%	
Ethanol Flex																							
Mini-compact Cars	24.68	24.62	24.52	25.46	25.35	25.27	25.24	25.28	25.38	25.50	25.60	25.68	25.80	25.99	26.17	26.39	26.51	26.65	26.77	26.88	26.96	0.4%	
Subcompact Cars	32.71	32.70	32.58	33.49	33.49	33.51	33.57	33.58	33.68	33.79	33.92	34.02	34.13	34.31	34.45	34.61	34.75	34.90	35.04	35.18	35.28	0.4%	
Compact Cars	30.69	30.71	30.64	31.66	31.82	31.80	31.82	31.83	31.89	31.99	32.06	32.10	32.15	32.25	32.32	32.40	32.48	32.55	32.64	32.74	32.84	0.5%	
Midsize Cars	27.84	27.98	27.98	28.81	28.69	28.75	28.81	28.85	28.95	29.07	29.22	29.35	29.48	29.68	29.84	30.03	30.17	30.32	30.48	30.64	30.75	0.5%	
Large Cars	25.72	25.84	26.06	26.76	26.73	26.87	27.02	27.10	27.26	27.46	27.68	27.85	28.00	28.16	28.31	28.47	28.63	28.81	29.00	29.20	29.34	0.7%	
Two Seater Cars	27.27	27.27	27.24	28.16	28.08	28.03	28.04	28.10	28.23	28.39	28.53	28.64	28.78	28.99	29.17	29.38	29.53	29.71	29.96	30.00	30.12	0.5%	
Small Pickup	25.61	25.63	25.55	25.85	25.67	25.70	25.74	25.76	25.85	25.98	26.12	26.28	26.49	26.83	26.96	27.12	27.29	27.48	27.59	27.66	27.72	0.4%	
Large Pickup	18.92	18.92	18.89	19.14	19.02	19.06	19.19	19.33	19.47	19.61	19.84	20.06	20.27	20.60	20.73	20.88	21.02	21.12	21.21	21.29	21.33	0.6%	
Small Van	26.75	26.74	25.77	26.10	26.94	26.08	26.21	26.31	26.47	26.60	26.76	26.99	27.25	27.62	27.71	27.84	28.00	28.20	28.34	28.44	28.59	0.5%	
Large Van	18.47	18.49	18.55	19.01	18.97	19.02	19.23	19.40	19.60	19.77	19.96	20.16	20.38	20.71	20.85	21.01	21.15	21.25	21.35	21.44	21.51	0.6%	
Small Utility	21.81	21.86	21.91	22.66	22.62	22.60	22.86	22.74	22.87	23.02	23.20	23.40	23.56	23.84	23.98	24.14	24.29	24.43	24.53	24.63	24.74	0.6%	
Large Utility	17.10	17.07	17.13	17.64	17.59	17.65	17.84	18.00	18.17	18.34	18.50	18.67	18.84	19.13	19.27	19.42	19.54	19.63	19.72	19.80	19.87	0.6%	
Compressed Natural Gas (CNG)																							
Mini-compact Cars	26.22	26.14	26.00	26.86	26.72	26.62	26.58	26.61	26.69	26.78	26.85	26.89	26.96	27.11	27.24	27.41	27.49	27.59	27.67	27.73	27.80	0.3%	
Subcompact Cars	34.83	34.82	34.66	35.43	35.34	35.35	35.40	35.39	35.46	35.54	35.63	35.70	35.77	35.92	36.03	36.15	36.24	36.37	36.46	36.56	36.62	0.3%	
Compact Cars	32.71	32.72	32.59	33.47	33.44	33.47	33.48	33.49	33.55	33.65	33.85	33.98	34.11	34.30	34.44	34.59	34.70	34.85	34.98	35.12	35.20	0.4%	
Midsize Cars	29.67	29.80	29.74	30.42	30.23	30.32	30.37	30.39	30.46	30.53	30.64	30.70	30.78	30.93	31.03	31.18	31.27	31.38	31.49	31.61	31.69	0.3%	
Large Cars	27.30	27.49	27.52	28.00	27.91	28.09	28.19	28.22	28.30	28.43	28.59	28.70	28.81	28.92	29.03	29.15	29.28	29.42	29.57	29.74	29.86	0.4%	
Two Seater Cars	28.89	28.87	28.77	29.56	29.47	29.41	29.40	29.42	29.52	29.64	29.74	29.80	29.89	30.05	30.14	30.34	30.45	30.58	30.70	30.81	30.90	0.3%	
Small Pickup	27.31	27.32	27.18	27.38	27.18	27.19	27.20	27.19	27.24	27.31	27.39	27.50	27.63	27.87	27.95	28.08	28.19	28.35	28.44	28.47	28.50	0.2%	
Large Pickup	20.12	20.10	20.02	20.19	20.06	20.08	20.20	20.32	20.45	20.54	20.69	20.85	21.00	21.25	21.35	21.46	21.58	21.65	21.72	21.78	21.81	0.4%	
Small Van	27.23	27.16	27.06	27.25	27.02	27.05	27.10	27.13	27.21	27.29	27.39	27.55	27.75	28.05	28.13	28.28	28.41	28.62	28.76	28.85	28.90	0.3%	
Large Van	19.65	19.64	19.67	20.10	20.04	20.07	20.25	20.42	20.60	20.75	20.91	21.07	21.22	21.47	21.58	21.70	21.81	21.89	21.95	22.01	22.07	0.6%	
Small Utility	23.27	23.31	23.29	23.93	23.78	23.79	23.83	23.85	23.92	24.00	24.12	24.25	24.36	24.58	24.68	24.81	24.93	25.05	25.11	25.19	25.28	0.4%	
Large Utility	18.17	18.12	18.15	18.62	18.56	18.60	18.78	18.93	19.09	19.25	19.38	19.53	19.67	19.88	19.98	20.09	20.19	20.25	20.30	20.36	20.42	0.6%	
CNG Bi-Fuel																							
Mini-compact Cars	24.34	24.27	24.14	24.96	24.85	24.76	24.72	24.74	24.80	24.87	24.93	24.96	25.02	25.17	25.29	25.46	25.54	25.66	25.74	25.81	25.90	0.3%	
Subcompact Cars	32.30	32.28	32.15	32.96	32.91	32.92	32.97	32.95	33.01	33.08	33.17	33.21	33.28	33.40	33.47	33.58	33.67	33.77	33.86	33.96	34.03	0.3%	
Compact Cars	30.34	30.34	30.24	31.08	31.20	31.22	31.23	31.21	31.22	31.29	31.39	31.65	31.74	31.89	31.98	32.12	32.23	32.35	32.48	32.62	32.72	0.3%	
Midsize Cars	27.53	27.65	27.60	28.20	28.10	28.18	28.22	28.21	28.27	28.33	28.41	28.46	28.51	28.64	28.73	28.85	28.93	29.03	29.14	29.24	29.32	0.3%	
Large Cars	25.32	25.48	25.49	25.96	25.89	26.04	26.13	26.14	26.22	26.34	26.46	26.63	26.60	26.68	26.75	26.85	26.95	27.07	27.20	27.36	27.46	0.4%	
Two Seater Cars	26.80	26.78	26.66	27.46	27.36	27.30	27.29	27.30	27.38	27.48	27.55	27.59	27.66	27.80	27.91	28.07	28.17	28.30	28.41	28.52	28.63	0.3%	
Small Pickup	25.31	25.32	25.18	25.36	25.21	25.21	25.22	25.22	25.25	25.30	25.37	25.45	25.56	25.78	25.84	25.96	26.07	26.20	26.23	26.27	26.30	0.2%	
Large Pickup	18.62	18.60	18.52	18.68	18.56	18.59	18.70	18.81	18.91	18.99	19.11	19.24	19.37	19.59	19.67	19.77	19.86	19.91	19.97	20.02	20.05	0.4%	
Small Van	25.24	25.16	25.04	25.24	25.03	25.05	25.08	25.11	25.17	25.21	25.29	25.42	25.56	25.83	25.88	25.98	26.11	26.28	26.38	26.47	26.59	0.3%	
Large Van	18.21	18.21	18.24	18.69	18.60	18.60	18.80	18															

Table 56. New Light-Duty Vehicle Fuel Economy (3 of 4)
(Miles per Gallon)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Liquefied Petroleum Gas (LPG)																						
Mini-compact Cars	25.34	25.28	25.17	26.11	25.97	25.89	25.86	25.91	26.00	26.12	26.21	26.28	26.39	26.57	26.74	26.95	27.06	27.20	27.30	27.39	27.48	0.4%
Subcompact Cars	33.62	33.61	33.48	34.95	34.92	34.94	34.41	34.41	34.51	34.61	34.74	34.84	34.94	35.12	35.41	35.53	35.61	35.69	35.81	35.95	36.03	0.5%
Compact Cars	31.55	31.57	31.48	32.42	32.51	32.56	32.59	32.59	32.64	32.74	33.09	33.24	33.40	33.60	33.77	34.10	34.28	34.43	34.62	34.73	34.73	0.5%
Midsize Cars	28.62	28.76	28.75	29.51	29.35	29.47	29.53	29.67	29.78	29.92	30.02	30.14	30.33	30.49	30.81	30.96	31.11	31.27	31.38	31.47	31.58	0.5%
Large Cars	26.41	26.63	26.73	27.34	27.30	27.51	27.63	27.69	27.83	28.02	28.25	28.42	28.58	28.74	28.90	29.06	29.22	29.40	29.59	29.79	29.92	0.6%
Two Seater Cars	27.97	27.98	27.93	28.84	28.74	28.71	28.72	28.77	28.80	29.05	29.20	29.30	29.43	29.63	29.80	30.02	30.16	30.33	30.47	30.61	30.72	0.5%
Small Pickup	26.34	26.36	26.26	26.54	26.34	26.37	26.41	26.42	26.51	26.61	26.74	26.90	27.07	27.39	27.51	27.83	28.03	28.15	28.21	28.26	28.26	0.4%
Large Pickup	19.45	19.45	19.40	19.64	19.50	19.55	19.67	19.82	19.98	20.08	20.26	20.48	20.70	21.03	21.16	21.31	21.45	21.55	21.65	21.73	21.77	0.6%
Small Van	28.29	28.28	28.32	28.64	28.46	28.60	28.73	28.93	28.99	27.12	27.29	27.52	27.78	28.15	28.25	28.38	28.53	28.74	28.88	28.98	29.13	0.5%
Large Van	18.59	19.00	19.05	19.51	19.46	19.50	19.71	19.89	20.08	20.26	20.44	20.62	20.80	21.13	21.27	21.43	21.57	21.68	21.78	21.86	21.93	0.7%
Small Utility	22.44	22.49	22.51	23.25	23.11	23.16	23.22	23.27	23.28	23.51	23.69	23.89	24.08	24.34	24.48	24.63	24.78	24.93	25.01	25.11	25.22	0.6%
Large Utility	17.57	17.54	17.59	18.10	18.04	18.10	18.28	18.45	18.62	18.80	18.95	19.12	19.28	19.52	19.66	19.82	19.94	20.03	20.11	20.19	20.27	0.7%
LPG Bi-Fuel																						
Mini-compact Cars	24.40	24.33	24.22	25.15	25.02	24.93	24.90	24.93	25.02	25.11	25.19	25.25	25.34	25.51	25.66	25.85	25.96	26.10	26.20	26.29	26.39	0.4%
Subcompact Cars	32.36	32.34	32.22	33.12	33.11	33.13	33.19	33.18	33.27	33.36	33.47	33.54	33.63	33.79	33.90	34.04	34.16	34.29	34.42	34.53	34.63	0.3%
Compact Cars	30.37	30.38	30.30	31.25	31.39	31.42	31.44	31.43	31.47	31.56	31.69	31.99	32.12	32.30	32.43	32.60	32.74	32.89	33.05	33.22	33.34	0.5%
Midsize Cars	27.55	27.68	27.65	28.41	28.27	28.37	28.42	28.44	28.52	28.61	28.73	28.81	28.90	29.06	29.19	29.34	29.45	29.58	29.72	29.86	29.96	0.4%
Large Cars	25.36	25.55	25.61	26.22	26.14	26.33	26.43	26.47	26.58	26.75	26.92	27.04	27.15	27.27	27.39	27.52	27.67	27.83	28.02	28.22	28.35	0.6%
Two Seater Cars	29.88	29.88	29.81	27.71	27.60	27.55	27.56	27.59	27.70	27.83	27.94	28.02	28.12	28.29	28.45	28.65	28.79	28.95	29.10	29.24	29.36	0.4%
Small Pickup	25.33	25.35	25.24	25.51	25.33	25.35	25.37	25.38	25.45	25.53	25.63	25.75	25.90	26.18	26.26	26.41	26.58	26.73	26.80	26.87	26.92	0.3%
Large Pickup	18.67	18.66	18.61	18.84	18.74	18.75	18.87	18.99	19.12	19.22	19.38	19.53	19.69	19.95	20.06	20.19	20.31	20.40	20.49	20.58	20.62	0.5%
Small Van	25.26	25.22	25.16	25.45	25.28	25.33	25.38	25.44	25.55	25.67	25.83	26.06	26.31	26.67	26.75	26.89	27.05	27.28	27.39	27.50	27.65	0.5%
Large Van	18.25	18.26	18.30	18.73	18.69	18.74	18.94	19.10	19.28	19.43	19.59	19.75	19.91	20.17	20.28	20.41	20.53	20.61	20.69	20.77	20.84	0.7%
Small Utility	21.60	21.64	21.65	22.35	22.22	22.24	22.29	22.33	22.40	22.50	22.63	22.78	22.89	23.13	23.26	23.41	23.57	23.69	23.79	23.91	24.03	0.5%
Large Utility	16.89	16.85	16.90	17.38	17.33	17.38	17.57	17.72	17.88	18.03	18.17	18.31	18.46	18.68	18.78	18.91	19.00	19.08	19.15	19.22	19.28	0.7%
Electric																						
Mini-compact Cars	27.56	27.61	27.76	28.76	31.43	34.83	39.12	44.75	44.73	44.68	44.61	44.55	44.51	44.45	44.37	44.30	44.18	44.09	44.05	43.94	43.79	2.3%
Subcompact Cars	34.58	34.64	34.82	35.56	38.78	42.92	48.14	54.91	54.61	54.38	54.13	53.91	53.70	53.49	53.35	53.22	53.09	52.97	52.84	52.73	52.62	2.1%
Compact Cars	33.00	33.04	33.19	33.77	36.84	40.76	45.71	51.91	51.66	51.40	51.18	50.99	50.80	50.67	50.56	50.45	50.35	50.24	50.14	50.04	49.94	2.1%
Midsize Cars	28.77	28.81	28.96	29.51	32.28	35.72	40.06	45.75	45.62	45.33	45.13	45.32	45.25	45.17	45.09	45.01	44.90	44.81	44.74	44.66	44.55	2.2%
Large Cars	25.49	25.56	25.67	26.15	28.54	31.61	35.47	40.47	40.21	39.90	39.71	39.56	39.49	39.41	39.35	39.29	39.22	39.17	39.09	39.05	39.00	2.2%
Two Seater Cars	29.70	29.77	29.93	30.84	33.68	37.32	41.91	47.88	47.74	47.57	47.47	47.38	47.32	47.25	47.17	47.09	46.99	46.91	46.85	46.77	46.66	2.3%
Small Pickup	26.96	26.95	26.95	27.42	29.81	32.90	36.80	41.82	41.37	40.96	40.64	40.34	40.05	39.77	39.61	39.49	39.38	39.23	39.10	38.97	38.86	1.8%
Large Pickup	20.37	20.39	20.40	20.84	22.69	25.06	27.97	31.75	31.41	31.13	30.87	30.68	30.56	30.43	30.32	30.21	30.10	29.99	29.89	29.81	29.72	1.9%
Small Van	23.63	23.62	23.63	23.93	26.06	28.76	32.17	36.55	36.14	35.78	35.48	35.19	34.91	34.64	34.46	34.33	34.20	34.08	33.96	33.84	33.74	1.8%
Large Van	19.61	19.68	19.75	20.25	22.12	24.44	27.38	31.12	30.85	30.64	30.38	30.19	30.07	29.94	29.84	29.73	29.62	29.51	29.41	29.33	29.27	2.0%
Small Utility	24.48	24.48	24.51	25.47	27.68	30.54	34.11	38.75	38.31	37.94	37.63	37.28	37.19	37.02	36.90	36.79	36.67	36.55	36.43	36.31	36.20	2.0%
Large Utility	18.45	18.49	18.57	19.33	21.09	23.29	26.08	29.63	29.38	29.14	28.89	28.76	28.65	28.50	28.38	28.27	28.16	28.05	27.95	27.86	27.79	2.1%
Diesel-Electric Hybrid																						
Mini-compact Cars	36.24	35.83	35.47	36.08	35.73	35.52	35.42	35.30	35.22	35.17	35.10	34.98	34.90	34.80	34.70	34.63	34.56	34.51	34.48	34.47	34.50	-0.2%
Subcompact Cars	48.39	47.83	47.33	47.58	47.08	46.75	46.54	46.30	46.07	45.88	45.69	45.49	45.32	45.14	45.01	44.93	44.80	44.73	44.69	44.66	44.63	-0.4%
Compact Cars	46.36	45.96	45.44	45.62	45.36	45.10	44.92	44.73	44.56	44.44	44.33	44.17	44.07	43.98	43.85	43.79	43.72	43.67	43.64	43.62	43.64	-0.3%
Midsize Cars	41.82	41.38	41.01	41.42	40.99	40.76	40.62	40.47	40.37	40.33	40.23	40.15	40.08	39.97	39.89	39.84	39.78	39.72	39.71	39.71	39.73	-0.3%
Large Cars	38.47	38.08	37.79	38.14	37.75	37.67	37.45	37.33	37.23	37.17	37.13	37.09	37.05	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	-0.2%
Two Seater Cars	40.25	39.81	39.45	39.96	39.56	39.35	39.24	39.11	39.02	38.98	38.93	38.84	38.78	38.72	38.65	38.61	38.57	38.54	38.53	38.53	38.57	-0.2%
Small Pickup	38.81	38.34	37.94	38.02	37.56	37.29	37.09	36.89	36.70	36.59	36.42	36.29	36.19	36.11	36.05	35.97	35.92	35.96	35.95	35.93	35.90	-0.4%
Large Pickup	28.97	28.64	28.42	28.52	28.20	28.03	27.91	27.81	27.74	27.68	27.59	27.53	27.49	27.45	27.41	27.37	27.37	27.37	27.36	27.36	27.36	-0.3%
Small Van	38.32	37.90	37.58	37.70	37.25	37.03	36.87	36.72	36.62	36.57	36.44	36.35	36.32	36.30	36.28	36.22	36.18	36.26	36.30	36.33	36.35	-0.3%
Large Van	28.06	27.74	27.61	28.16	27.65	27.77	27.65	27.58	27.50	27.52	27.42	27.38	27.31	27.28	27.21	27.17	27.16	27.19	27.14	27.08	27.04	-0.2%
Small Utility	32.60	32.42	32.11	32.60	32.25	32.03	31.89	31.74	31.62	31.54	31.45	31.38	31.32	31.26	31.19	31						

Table 56. New Light-Duty Vehicle Fuel Economy (3 of 4)
(Miles per Gallon)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Gasoline-Electric Hybrid																						
Mini-compact Cars	32.86	32.40	32.18	32.85	32.58	32.39	32.31	32.22	32.15	32.12	32.04	31.94	31.85	31.76	31.67	31.63	31.58	31.54	31.54	31.55	31.58	-0.2%
Subcompact Cars	43.84	43.34	42.89	43.22	42.79	42.51	42.33	42.13	41.96	41.80	41.67	41.49	41.38	41.28	41.15	41.06	40.98	40.94	40.90	40.87	40.86	-0.4%
Compact Cars	42.01	41.56	41.19	41.63	41.26	41.03	40.88	40.73	40.59	40.52	40.42	40.31	40.25	40.14	40.07	40.04	39.98	39.97	39.96	39.96	39.97	-0.2%
Midsize Cars	37.91	37.51	37.18	37.67	37.32	37.12	37.01	36.90	36.82	36.79	36.71	36.62	36.54	36.46	36.39	36.33	36.29	36.28	36.28	36.29	36.31	-0.2%
Large Cars	34.91	34.55	34.29	34.63	34.32	34.15	34.05	33.95	33.87	33.85	33.82	33.79	33.78	33.78	33.77	33.77	33.77	33.79	33.81	33.83	33.86	-0.2%
Two Seater Cars	36.50	36.10	35.77	36.34	36.03	35.84	35.75	35.65	35.58	35.57	35.51	35.44	35.39	35.33	35.26	35.23	35.21	35.20	35.20	35.22	35.26	-0.2%
Small Pickup	35.19	34.77	34.41	34.93	34.64	34.45	34.36	34.27	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	34.21	-0.4%
Large Pickup	28.27	25.98	25.79	25.90	25.63	25.48	25.39	25.31	25.26	25.20	25.13	25.08	25.05	25.00	24.95	24.93	24.94	24.95	24.91	24.85	24.82	-0.3%
Small Van	34.74	34.36	34.08	34.22	33.82	33.63	33.50	33.38	33.30	33.24	33.15	33.09	33.09	33.06	33.03	33.00	33.00	33.00	33.09	33.12	33.10	-0.2%
Large Van	25.49	25.21	25.11	25.60	25.43	25.27	25.17	25.10	25.11	25.13	25.05	25.00	24.98	24.91	24.84	24.82	24.82	24.83	24.78	24.73	24.72	-0.2%
Small Utility	29.74	29.39	29.15	29.69	29.41	29.22	29.09	28.97	28.87	28.81	28.73	28.68	28.63	28.57	28.53	28.51	28.51	28.53	28.48	28.43	28.41	-0.2%
Large Utility	23.66	23.40	23.33	23.90	23.72	23.58	23.50	23.47	23.47	23.48	23.42	23.38	23.34	23.27	23.22	23.22	23.22	23.20	23.15	23.11	23.11	-0.1%
Fuel Cell Methanol																						
Mini-compact Cars	46.55	46.11	45.86	46.43	46.05	45.82	45.63	45.51	45.49	45.44	45.37	45.31	45.27	45.21	45.13	45.05	44.93	44.84	44.80	44.69	44.53	-0.2%
Subcompact Cars	58.40	57.85	57.51	57.41	56.82	56.47	56.15	55.84	55.54	55.31	55.06	54.83	54.62	54.41	54.26	54.13	53.99	53.87	53.74	53.63	53.51	-0.4%
Compact Cars	55.74	55.19	54.82	54.82	53.96	53.63	53.32	53.04	52.80	52.54	52.27	52.06	51.86	51.67	51.54	51.42	51.31	51.21	51.10	51.00	50.89	-0.5%
Midsize Cars	48.59	48.13	47.83	47.64	47.29	47.00	46.73	46.53	46.40	46.31	46.20	46.09	46.02	45.94	45.86	45.78	45.66	45.57	45.50	45.42	45.31	-0.3%
Large Cars	43.05	42.89	42.40	42.22	41.82	41.59	41.37	41.16	40.90	40.58	40.39	40.24	40.16	40.09	40.02	39.96	39.89	39.84	39.76	39.72	39.67	-0.4%
Two Seater Cars	50.17	49.72	49.43	49.79	49.34	49.10	48.89	48.70	48.56	48.38	48.28	48.19	48.13	48.06	47.98	47.90	47.79	47.71	47.65	47.57	47.45	-0.3%
Small Pickup	45.53	45.01	44.51	44.27	43.67	43.29	42.92	42.53	42.08	41.66	41.33	41.02	40.73	40.45	40.29	40.16	40.03	39.90	39.77	39.64	39.52	-0.7%
Large Pickup	34.40	34.06	33.69	33.64	33.24	32.97	32.63	32.30	31.96	31.66	31.40	31.08	30.94	30.84	30.72	30.61	30.50	30.40	30.32	30.23	30.23	-0.6%
Small Van	39.51	39.46	39.03	38.63	38.18	37.84	37.52	37.17	36.78	36.39	36.08	35.79	35.50	35.23	35.04	34.91	34.79	34.66	34.54	34.42	34.32	-0.5%
Large Van	33.13	32.84	32.62	32.69	32.41	32.16	31.93	31.65	31.38	31.16	30.90	30.70	30.58	30.45	30.35	30.23	30.12	30.01	29.91	29.83	29.77	-0.8%
Small Utility	41.34	40.89	40.47	41.11	40.54	40.18	39.79	39.39	38.98	38.59	38.28	38.00	37.82	37.65	37.53	37.41	37.30	37.17	37.05	36.93	36.82	-0.6%
Large Utility	31.17	30.89	30.67	31.20	30.89	30.64	30.41	30.14	29.86	29.64	29.39	29.25	29.14	28.99	28.87	28.76	28.64	28.53	28.43	28.34	28.27	-0.5%
Fuel Cell Hydrogen																						
Mini-compact Cars	51.05	50.56	50.28	50.91	50.49	50.24	50.03	49.90	49.88	49.82	49.75	49.68	49.63	49.57	49.49	49.40	49.27	49.17	49.12	49.00	48.83	-0.2%
Subcompact Cars	64.03	63.44	63.06	62.95	62.30	61.91	61.57	61.23	60.90	60.65	60.37	60.12	59.89	59.66	59.49	59.35	59.20	59.07	58.93	58.80	58.68	-0.4%
Compact Cars	61.12	60.52	60.11	59.78	59.17	58.80	58.46	58.16	57.89	57.61	57.32	57.08	56.87	56.65	56.51	56.39	56.26	56.15	56.03	55.92	55.81	-0.5%
Midsize Cars	53.28	52.77	52.44	52.24	51.86	51.54	51.24	51.02	50.88	50.78	50.66	50.54	50.46	50.37	50.28	50.20	50.07	49.97	49.89	49.81	49.68	-0.3%
Large Cars	47.20	46.81	46.49	46.29	45.85	45.60	45.36	45.13	44.85	44.50	44.28	44.12	44.04	43.96	43.88	43.81	43.74	43.68	43.55	43.50	43.50	-0.4%
Two Seater Cars	55.01	54.52	54.20	54.59	54.10	53.84	53.60	53.40	53.05	52.84	52.64	52.47	52.69	52.61	52.52	52.40	52.31	52.25	52.16	52.03	51.93	-0.3%
Small Pickup	49.92	49.35	48.91	48.54	47.89	47.46	47.07	46.64	46.14	45.68	45.32	44.98	44.66	44.36	44.18	44.04	43.89	43.75	43.61	43.46	43.33	-0.7%
Large Pickup	37.72	37.35	36.94	36.89	36.45	36.15	35.77	35.41	35.03	34.71	34.43	34.21	34.08	33.93	33.81	33.68	33.56	33.45	33.34	33.24	33.15	-0.6%
Small Van	43.76	43.27	42.80	42.36	41.86	41.49	41.14	40.76	40.30	39.90	39.56	39.24	38.93	38.63	38.42	38.28	38.14	38.00	37.87	37.74	37.63	-0.8%
Large Van	36.32	36.01	35.77	35.85	35.53	35.28	35.01	34.71	34.41	34.16	33.89	33.66	33.53	33.39	33.28	33.15	33.03	32.91	32.80	32.71	32.64	-0.5%
Small Utility	45.23	44.84	44.38	45.08	44.46	44.05	43.63	43.19	42.72	42.31	41.97	41.66	41.47	41.38	41.15	41.02	40.90	40.78	40.62	40.49	40.37	-0.6%
Large Utility	34.18	33.87	33.63	34.21	33.87	33.60	33.35	33.05	32.75	32.50	32.22	32.07	31.95	31.79	31.65	31.53	31.41	31.29	31.17	31.07	30.99	-0.5%
Fuel Cell Gasoline																						
Mini-compact Cars	43.62	43.21	42.97	43.50	43.15	42.94	42.76	42.64	42.63	42.58	42.52	42.45	42.42	42.36	42.29	42.22	42.10	42.02	41.98	41.87	41.73	-0.2%
Subcompact Cars	54.72	54.21	53.89	53.78	53.24	52.91	52.61	52.33	52.04	51.83	51.59	51.38	51.16	50.98	50.84	50.72	50.59	50.48	50.36	50.25	50.14	-0.4%
Compact Cars	52.23	51.72	51.37	51.08	50.57	50.25	49.96	49.70	49.47	49.23	48.98	48.78	48.60	48.41	48.29	48.19	48.08	47.98	47.88	47.79	47.69	-0.5%
Midsize Cars	45.53	45.10	44.81	44.64	44.32	44.04	43.79	43.60	43.48	43.39	43.29	43.19	43.12	43.05	42.97	42.90	42.79	42.70	42.63	42.56	42.46	-0.3%
Large Cars	40.34	40.00	39.73	39.56	39.18	38.97	38.77	38.56	38.32	38.03	37.84	37.70	37.64	37.56	37.50	37.44	37.38	37.33	37.26	37.22	37.17	-0.4%
Two Seater Cars	47.01	46.59	46.32	46.65	46.23	46.01	45.81	45.63	45.50	45.34	45.24	45.15	45.10	45.03	44.96	44.88	44.78	44.70	44.65	44.57	44.47	-0.3%
Small Pickup	42.66	42.17	41.71	41.48	40.92	40.56	40.22	39.85	39.43	39.04	38.73	38.44	38.17	37.91	37.75	37.63	37.51	37.39	37.27	37.14	37.03	-0.7%
Large Pickup	32.23	31.82	31.57	31.52	31.15	30.90	30.57	30.26	29.94	29.67	29.42	29.24	29.12	29.00	28.89	28.86	28.86	28.88	28.49	28.41	28.33	-0.6%
Small Van	37.39	36.97	36.57	36.29	35.78	35.46	35.16	34.83	34.44	34.10	33.81	33.54	33.27	33.01	32.84	32.72	32.59	32.48	32.36	32.25	32.15	-0.8%
Large Van	31.04	30.77	30.57	30.64	30.37	30.14	29.92	29.66	29.40	29.20	28.96	28.77	28.66	28.53	28.44	28.33	28.23	28.12	28.03	27.95	27.89	-0.5%
Small Utility	38.74	38.32	37.93	38.53	37.93	37.65	37.28	36.91	36.51	36.16	35.87	35.60	35.44	35.28	35.16	35						

Table 57. New Light-Duty Vehicle Prices (1 of 4)
(Thousand 1990 Dollars)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Gasoline																							
Mini-compact Cars	24.6	24.8	24.9	25.0	25.3	25.4	25.4	25.4	25.5	25.5	25.6	25.6	25.6	25.7	25.7	25.7	25.8	25.8	25.8	25.9	25.9	0.2%	
Subcompact Cars	16.5	16.6	16.7	16.8	17.1	17.2	17.2	17.3	17.3	17.4	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	0.3%	
Compact Cars	14.7	14.8	14.8	14.9	15.2	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.7	0.3%	
Midsize Cars	19.0	19.1	19.2	19.3	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9	0.2%	
Large Cars	23.8	24.0	24.0	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	0.2%	
Two Seater Cars	26.1	26.3	26.3	26.4	26.7	26.8	26.8	26.8	26.8	26.9	26.9	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.1	0.2%	
Small Pickup	14.0	14.2	14.3	14.3	14.6	14.6	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	15.0	15.0	0.3%	
Large Pickup	16.8	17.0	17.0	17.1	17.4	17.4	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.8	17.8	0.3%	
Small Van	19.7	19.9	19.9	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	0.2%	
Large Van	17.7	17.9	18.0	18.0	18.3	18.4	18.4	18.5	18.5	18.5	18.6	18.6	18.7	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	0.3%	
Small Utility	20.4	20.6	20.6	20.7	21.0	21.0	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.4	0.2%	
Large Utility	23.5	23.7	23.7	23.8	24.1	24.1	24.2	24.2	24.3	24.3	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.6	0.2%	
Turbo Direct Injection Diesel																							
Mini-compact Cars	26.3	26.5	26.6	26.7	27.0	27.0	27.1	27.1	27.2	27.2	27.3	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.6	27.6	27.6	0.2%	
Subcompact Cars	17.7	17.9	18.0	18.0	18.4	18.4	18.4	18.5	18.5	18.6	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.9	18.9	18.9	19.0	0.4%	
Compact Cars	15.8	16.0	16.1	16.1	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.9	16.9	0.3%	
Midsize Cars	20.9	20.9	21.0	21.0	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.8	0.2%	
Large Cars	25.8	26.0	26.1	26.1	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	0.2%	
Two Seater Cars	28.0	28.2	28.3	28.4	28.7	28.7	28.7	28.8	28.8	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	0.2%	
Small Pickup	15.4	15.6	15.7	15.7	16.0	16.0	16.0	16.1	16.1	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	0.3%	
Large Pickup	18.6	18.8	18.9	18.9	19.2	19.2	19.3	19.4	19.4	19.4	19.5	19.5	19.6	19.6	19.7	19.7	19.8	19.8	19.8	19.8	19.8	0.3%	
Small Van	20.9	21.1	21.1	21.1	21.4	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	0.2%	
Large Van	30.0	30.2	30.3	30.4	30.7	30.7	30.8	30.9	30.9	31.0	31.0	31.1	31.1	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	0.3%	
Small Utility	21.6	21.8	21.8	21.9	22.2	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	0.2%	
Large Utility	25.0	25.2	25.3	25.3	25.7	25.7	25.7	25.8	25.8	25.9	25.9	26.0	26.0	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	0.2%	
Methanol																							
Mini-compact Cars	26.8	27.0	27.1	27.2	27.5	27.5	27.5	27.6	27.6	27.6	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.9	27.9	27.9	27.9	0.2%	
Subcompact Cars	18.1	18.2	18.3	18.4	18.7	18.8	18.8	18.8	18.9	18.9	19.0	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	0.3%	
Compact Cars	16.3	16.4	16.5	16.5	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	0.3%	
Midsize Cars	20.8	20.9	21.0	21.0	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	0.2%	
Large Cars	25.9	26.1	26.1	26.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	0.1%	
Two Seater Cars	28.5	28.7	28.8	28.8	29.1	29.1	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	0.1%	
Small Pickup	15.7	15.9	15.9	16.0	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	0.3%	
Large Pickup	18.6	18.8	18.8	18.8	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	0.2%	
Small Van	21.3	21.4	21.4	21.4	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.9	21.9	21.9	21.9	21.9	22.0	22.0	0.2%	
Large Van	19.5	19.7	19.8	19.8	20.1	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	0.2%	
Small Utility	22.1	22.3	22.3	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9	0.2%	
Large Utility	25.3	25.4	25.5	25.5	25.9	25.9	25.9	26.0	26.0	26.1	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.3	26.3	26.3	0.2%	
Methanol Flex																							
Mini-compact Cars	27.0	27.1	27.2	27.3	27.6	27.7	27.7	27.7	27.8	27.8	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1	0.2%	
Subcompact Cars	18.2	18.3	18.4	18.5	18.8	18.9	18.9	18.9	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.4	19.4	0.3%	
Compact Cars	16.4	16.5	16.6	16.6	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	0.3%	
Midsize Cars	20.9	21.1	21.1	21.2	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	0.2%	
Large Cars	26.1	26.3	26.3	26.3	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.8	0.1%	
Two Seater Cars	28.7	28.9	28.9	29.0	29.3	29.3	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	0.2%	
Small Pickup	15.9	16.0	16.1	16.1	16.4	16.4	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	0.3%	
Large Pickup	18.8	19.0	19.0	19.0	19.3	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	0.2%	
Small Van	21.5	21.6	21.6	21.6	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.2	22.2	22.2	0.2%	
Large Van	19.7	19.9	20.0	20.0	20.3	20.4	20.4	20.4	20.5	20.5	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.8	0.3%	
Small Utility	22.2	22.4	22.5	22.5	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	0.2%	
Large Utility	25.5	25.6	25.7	25.7	26.1	26.1	26.1	26.2	26.2	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	0.2%	

Table 57. New Light-Duty Vehicle Prices (2 of 4)
(Thousand 1990 Dollars)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Ethanol																							
Mini-compact Cars	26.8	27.0	27.1	27.2	27.5	27.5	27.5	27.6	27.6	27.7	27.7	27.7	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	28.0	0.2%	
Subcompact Cars	18.1	18.2	18.3	18.4	18.7	18.8	18.8	18.8	18.9	18.9	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.3	0.3%	
Compact Cars	16.3	16.4	16.5	16.5	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	0.3%	
Midsize Cars	20.8	20.9	21.0	21.0	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	0.2%	
Large Cars	25.9	26.1	26.1	26.1	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	0.1%	
Two Seater Cars	28.6	28.7	28.8	28.9	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	0.2%	
Small Pickup	15.7	15.9	15.9	16.0	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.6	16.6	0.3%	
Large Pickup	18.6	18.8	18.8	18.8	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	0.2%	
Small Van	21.3	21.5	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	0.2%	
Large Van	19.6	19.7	19.8	19.8	20.1	20.2	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	0.2%	
Small Utility	22.1	22.3	22.3	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9	23.0	0.2%	
Large Utility	25.3	25.4	25.5	25.6	25.9	25.9	26.0	26.0	26.0	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	0.2%	
Ethanol Flex																							
Mini-compact Cars	27.0	27.1	27.2	27.3	27.6	27.7	27.7	27.7	27.8	27.8	27.9	27.9	27.9	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	0.2%	
Subcompact Cars	18.2	18.3	18.4	18.5	18.8	18.9	18.9	18.9	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.4	19.4	19.4	0.3%	
Compact Cars	16.4	16.5	16.6	16.6	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	0.3%	
Midsize Cars	20.9	21.1	21.1	21.2	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	0.2%	
Large Cars	26.1	26.3	26.3	26.3	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	0.1%	
Two Seater Cars	28.7	28.9	29.0	29.0	29.3	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	0.2%	
Small Pickup	15.2	15.5	15.5	15.5	15.8	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	0.3%	
Large Pickup	17.9	18.2	18.2	18.2	18.5	18.6	18.6	18.6	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	0.3%	
Small Van	20.3	20.5	20.5	20.5	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	0.2%	
Large Van	19.7	19.9	20.0	20.0	20.3	20.4	20.4	20.4	20.5	20.5	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.8	20.8	0.3%	
Small Utility	20.7	20.9	21.0	21.0	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.6	21.6	21.6	0.2%	
Large Utility	24.0	24.2	24.3	24.3	24.6	24.7	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	25.0	25.0	0.2%	
Compressed Natural Gas (CNG)																							
Mini-compact Cars	31.5	31.7	31.8	31.9	32.2	32.3	32.3	32.3	32.4	32.5	32.5	32.6	32.6	32.7	32.7	32.8	32.8	32.8	32.9	32.9	32.9	0.2%	
Subcompact Cars	21.5	21.6	21.7	21.8	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.5	22.5	22.6	22.6	22.7	22.7	22.8	22.8	22.8	22.9	0.3%	
Compact Cars	19.7	19.9	19.9	20.0	20.3	20.3	20.4	20.4	20.4	20.5	20.5	20.6	20.6	20.6	20.7	20.7	20.7	20.8	20.8	20.8	20.8	0.3%	
Midsize Cars	24.4	24.6	24.7	24.7	25.0	25.1	25.0	25.0	25.1	25.1	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	0.2%	
Large Cars	30.5	30.7	30.7	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5	0.2%	
Two Seater Cars	33.9	34.0	34.1	34.2	34.5	34.6	34.6	34.6	34.7	34.7	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.1	35.1	0.2%	
Small Pickup	19.1	19.3	19.4	19.4	19.7	19.8	19.8	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.1	20.1	20.1	20.2	20.2	20.2	20.2	0.3%	
Large Pickup	22.2	22.4	22.4	22.5	22.8	22.8	22.8	22.8	22.9	23.0	23.0	23.1	23.1	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	0.2%	
Small Van	24.8	25.0	25.0	25.1	25.4	25.4	25.4	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.8	25.8	0.2%	
Large Van	23.1	23.3	23.3	23.4	23.7	23.8	23.8	23.9	23.9	24.0	24.0	24.1	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	0.3%	
Small Utility	25.5	25.7	25.8	25.8	26.1	26.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.2	26.2	0.1%	
Large Utility	28.8	29.0	29.0	29.1	29.4	29.5	29.5	29.6	29.6	29.7	29.7	29.8	29.8	29.9	29.9	30.0	30.0	30.0	30.1	30.1	30.1	0.2%	
CNG Bi-Fuel																							
Mini-compact Cars	31.4	31.6	31.7	31.8	32.1	32.2	32.2	32.2	32.3	32.4	32.4	32.5	32.6	32.6	32.7	32.7	32.8	32.8	32.9	32.9	32.9	0.2%	
Subcompact Cars	21.4	21.6	21.6	21.8	22.1	22.1	22.2	22.2	22.3	22.3	22.4	22.5	22.5	22.6	22.6	22.7	22.7	22.8	22.8	22.8	22.9	0.3%	
Compact Cars	19.8	19.8	19.8	19.8	20.2	20.3	20.3	20.3	20.4	20.4	20.5	20.5	20.5	20.6	20.7	20.7	20.7	20.8	20.8	20.8	20.8	0.3%	
Midsize Cars	23.8	23.9	24.0	24.1	24.4	24.4	24.5	24.5	24.6	24.6	24.6	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.9	24.9	24.9	0.2%	
Large Cars	29.9	30.1	30.2	30.2	30.6	30.6	30.6	30.7	30.7	30.7	30.8	30.8	30.9	30.9	30.9	31.0	31.0	31.0	31.1	31.1	31.1	0.2%	
Two Seater Cars	33.7	33.9	34.0	34.1	34.4	34.5	34.5	34.5	34.6	34.6	34.7	34.7	34.8	34.8	34.9	34.9	35.0	35.0	35.0	35.1	35.1	0.2%	
Small Pickup	18.4	18.6	18.6	18.7	19.0	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.3	19.3	19.4	19.4	19.5	19.5	19.5	19.5	19.6	0.3%	
Large Pickup	20.8	21.0	21.0	21.1	21.4	21.4	21.5	21.5	21.6	21.6	21.7	21.7	21.8	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	0.3%	
Small Van	24.1	24.2	24.3	24.3	24.6	24.7	24.7	24.7	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.2	0.2%	
Large Van	21.7	21.8	21.9	22.0	22.3	22.4	22.4	22.5	22.5	22.6	22.6	22.7	22.7	22.8	22.8	22.9	22.9	23.0	23.0	23.0	23.0	0.3%	
Small Utility	24.8	24.9	25.0	25.1	25.4	25.4	25.5	25.5	25.6	25.6	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	0.2%	
Large Utility	27.5	27.7	27.8	27.8	28.2	28.2	28.3	28.3	28.4	28.4	28.5	28.5	28.6	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.7	0.2%	

Table 57. New Light-Duty Vehicle Prices (3 of 4)
(Thousand 1990 Dollars)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Liquefied Petroleum Gas (LPG)																						
Mini-compact Cars	29.8	30.0	30.1	30.2	30.5	30.6	30.6	30.6	30.7	30.7	30.8	30.8	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.1	0.2%
Subcompact Cars	20.3	20.4	20.5	20.6	20.9	21.0	21.0	21.1	21.1	21.2	21.2	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	0.3%
Compact Cars	18.5	18.6	18.7	18.8	19.1	19.1	19.1	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.5	19.5	19.5	0.3%
Midsize Cars	23.7	23.9	24.0	24.0	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	0.2%
Large Cars	29.3	29.5	29.5	29.5	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	0.1%
Two Seater Cars	32.0	32.1	32.2	32.3	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	0.1%
Small Pickup	18.6	18.8	18.8	18.8	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	0.2%
Large Pickup	22.3	22.4	22.5	22.5	22.8	22.8	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	0.2%
Small Van	24.3	24.4	24.4	24.4	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	0.1%
Large Van	23.2	23.3	23.4	23.5	23.8	23.8	23.9	23.9	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.3	0.2%
Small Utility	25.0	25.1	25.2	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.5	25.5	25.5	25.5	25.4	25.4	25.4	25.4	25.3	25.3	0.1%
Large Utility	28.8	29.0	29.0	29.1	29.4	29.5	29.5	29.5	29.6	29.6	29.7	29.7	29.7	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	0.2%
LPG Bi-Fuel																						
Mini-compact Cars	29.7	29.8	29.9	30.1	30.4	30.4	30.4	30.5	30.5	30.6	30.6	30.7	30.7	30.8	30.8	30.9	30.9	30.9	31.0	31.0	31.0	0.2%
Subcompact Cars	20.1	20.3	20.4	20.5	20.8	20.9	20.9	20.9	21.0	21.0	21.1	21.1	21.2	21.2	21.3	21.3	21.4	21.4	21.4	21.5	21.5	0.3%
Compact Cars	18.4	18.5	18.6	18.6	19.0	19.0	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	0.3%
Midsize Cars	22.9	23.1	23.2	23.2	23.5	23.6	23.6	23.6	23.7	23.7	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	24.0	0.2%
Large Cars	28.7	28.9	28.9	28.9	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.6	0.2%
Two Seater Cars	31.8	32.0	32.0	32.1	32.4	32.5	32.5	32.5	32.6	32.6	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	0.2%
Small Pickup	17.7	17.9	18.0	18.0	18.3	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.8	18.8	0.3%
Large Pickup	20.7	20.9	20.9	21.0	21.2	21.3	21.3	21.4	21.4	21.4	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.8	0.2%
Small Van	23.4	23.6	23.6	23.6	23.9	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.3	0.2%
Large Van	21.6	21.8	21.8	21.9	22.2	22.3	22.3	22.4	22.4	22.4	22.5	22.5	22.6	22.6	22.6	22.7	22.7	22.7	22.8	22.8	22.8	0.3%
Small Utility	24.1	24.3	24.4	24.4	24.7	24.8	24.8	24.8	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.2	25.2	0.2%
Large Utility	27.3	27.5	27.6	27.6	28.0	28.0	28.0	28.1	28.1	28.2	28.2	28.3	28.3	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.6	0.2%
Electric																						
Mini-compact Cars	47.0	47.2	47.4	45.6	46.1	46.6	47.0	47.4	47.1	46.8	46.6	46.4	46.1	45.9	45.7	45.5	45.5	45.5	45.5	45.5	45.6	-0.2%
Subcompact Cars	34.3	34.5	34.7	33.2	33.7	34.1	34.5	34.8	34.6	34.4	34.2	34.0	33.8	33.6	33.4	33.2	33.2	33.2	33.3	33.3	33.3	-0.1%
Compact Cars	32.9	33.1	33.3	31.8	32.3	32.7	33.1	33.5	33.3	33.1	32.9	32.6	32.4	32.2	32.0	31.8	31.9	31.9	31.9	31.9	31.9	-0.2%
Midsize Cars	38.6	38.8	39.0	37.4	37.9	38.4	38.2	38.5	38.6	34.9	34.7	34.4	32.9	32.7	32.8	30.6	30.7	30.7	29.3	29.4	29.6	-1.3%
Large Cars	47.3	47.6	47.8	46.0	46.6	47.1	47.6	48.1	47.9	47.6	47.4	47.1	46.8	46.5	46.3	46.0	46.0	46.0	46.1	46.1	46.1	-0.1%
Two Seater Cars	50.8	51.0	51.2	49.4	49.9	50.4	50.8	51.2	51.0	50.7	50.5	50.2	50.0	49.8	49.5	49.3	49.3	49.3	49.3	49.4	49.4	-0.1%
Small Pickup	33.5	33.8	34.0	32.3	32.9	33.5	34.0	34.5	34.3	34.1	33.8	33.6	33.4	33.1	32.9	32.7	32.7	32.7	32.7	32.7	32.8	-0.1%
Large Pickup	39.2	39.5	39.9	37.6	38.4	39.1	39.8	40.5	40.2	39.9	39.6	39.3	39.0	38.7	38.4	38.1	38.1	38.2	38.2	38.2	38.3	-0.1%
Small Van	40.3	40.6	40.9	39.0	39.7	40.3	40.9	41.5	41.2	41.0	40.7	40.5	40.2	40.0	39.8	39.5	39.5	39.5	39.6	39.6	39.6	-0.1%
Large Van	40.6	40.9	41.2	38.8	39.6	40.3	41.0	41.6	41.3	41.0	40.7	40.4	39.9	39.8	39.5	39.2	39.2	39.2	39.3	39.3	39.3	-0.2%
Small Utility	40.7	41.0	41.3	39.2	39.9	40.5	41.0	41.6	41.4	41.1	40.8	40.5	40.2	40.0	39.5	39.4	39.4	39.2	39.4	39.4	39.4	-0.3%
Large Utility	46.8	47.1	47.4	44.6	45.6	46.4	47.1	47.7	47.4	47.1	46.8	46.5	46.2	45.9	45.5	45.2	45.3	45.3	45.4	45.4	45.4	-0.1%
Diesel-Electric Hybrid																						
Mini-compact Cars	33.4	33.6	33.7	31.4	31.6	31.6	31.6	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.4	31.4	31.5	31.5	31.5	31.5	31.5	-0.3%
Subcompact Cars	24.1	24.2	24.3	22.0	22.2	22.2	22.1	22.1	22.1	22.1	22.1	22.1	22.0	22.0	22.0	21.9	21.9	22.0	22.1	22.2	22.2	-0.4%
Compact Cars	22.0	22.2	22.2	19.3	19.5	19.3	18.8	18.7	18.6	18.6	18.5	18.4	18.4	18.4	18.3	18.2	18.2	18.3	18.4	18.4	18.5	-0.5%
Midsize Cars	27.6	27.8	27.9	23.4	23.6	23.3	22.8	22.8	22.7	22.7	22.6	22.6	22.5	22.4	22.3	22.2	22.2	22.3	22.5	22.5	22.5	-1.0%
Large Cars	33.9	34.0	34.1	31.1	31.3	31.3	30.7	30.6	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.9	29.9	29.9	30.1	30.2	30.2	-0.6%
Two Seater Cars	35.6	35.8	35.9	33.4	33.6	33.6	33.5	33.5	33.5	33.4	33.4	33.4	33.4	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	-0.3%
Small Pickup	22.9	23.0	23.1	20.3	20.6	20.5	20.4	20.4	20.3	20.3	20.3	20.2	20.2	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	-0.6%
Large Pickup	28.2	28.3	28.4	24.6	24.8	24.7	24.6	24.6	24.5	24.4	24.4	24.3	24.2	24.2	24.1	24.0	24.1	24.1	24.1	24.1	24.1	-0.8%
Small Van	29.3	29.5	29.5	26.3	26.5	26.3	25.7	25.7	25.5	25.4	25.3	25.2	25.1	25.0	24.9	24.7	24.7	24.9	24.9	24.9	25.0	-0.8%
Large Van	29.4	29.5	29.5	25.7	25.9	25.8	25.7	25.6	25.6	25.5	25.4	25.4	25.3	25.2	25.1	25.1	25.1	25.1	25.1	25.1	25.2	-0.8%
Small Utility	30.0	30.1	30.1	26.5	26.7	26.4	25.8	25.8	25.7	25.6	25.5	25.4	25.3	25.2	25.1	25.0	25.0	25.2	25.2	25.2	25.2	-0.9%
Large Utility	36.0	36.1	36.2	32.0	32.2	32.1	32.0	31.9	31.8	31.7	31.6	31.6	31.5	31.4	31.3	31.1	31.1	31.1	31.1	31.3	31.3	-0.7%

Table 57. New Light-Duty Vehicle Prices (4 of 4)
(Thousand 1990 Dollars)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Gasoline-Electric Hybrid																						
Mini-compact Cars	31.8	32.0	32.1	30.2	30.5	30.5	30.5	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	-0.2%
Subcompact Cars	22.7	22.8	22.9	20.7	21.0	20.9	20.5	20.5	20.5	20.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.7	20.7	20.8	-0.4%
Compact Cars	20.4	20.7	20.8	17.2	17.9	17.8	17.4	17.4	17.3	17.3	17.3	17.2	17.2	17.1	17.1	17.1	17.1	17.1	17.2	17.3	17.3	-0.8%
Midsize Cars	24.9	25.1	25.2	22.0	22.2	22.0	21.6	21.6	21.5	21.5	21.4	21.4	21.4	21.4	21.4	21.3	21.3	21.4	21.4	21.5	21.5	-0.7%
Large Cars	32.1	32.2	32.3	29.2	29.4	29.1	28.6	28.6	28.5	28.5	28.4	28.4	28.3	28.2	28.2	28.1	28.1	28.1	28.3	28.3	28.4	-0.6%
Two Seater Cars	33.9	34.0	34.1	32.1	32.4	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.1	32.2	32.2	32.2	32.2	32.3	-0.3%
Small Pickup	21.4	21.5	21.5	19.3	19.5	19.5	19.5	19.4	19.3	19.2	19.1	19.0	18.9	18.8	18.7	18.5	18.5	18.5	18.6	18.5	18.5	-0.7%
Large Pickup	26.3	26.4	26.5	23.4	23.6	23.5	23.4	23.4	23.3	23.3	23.2	23.2	23.0	22.9	22.8	22.5	22.5	22.5	22.6	22.6	22.6	-0.8%
Small Van	27.2	27.4	27.5	23.6	23.8	23.5	23.1	23.0	22.9	22.8	22.8	22.7	22.6	22.5	22.5	22.4	22.4	22.4	22.6	22.6	22.6	-0.9%
Large Van	27.4	27.5	27.6	24.4	24.7	24.6	24.5	24.5	24.4	24.4	24.3	24.3	24.2	24.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	-0.6%
Small Utility	27.5	27.7	27.8	24.1	24.3	24.0	23.6	23.5	23.5	23.4	23.3	23.3	23.2	23.1	23.1	23.0	23.0	23.0	23.2	23.2	23.2	-0.8%
Large Utility	33.9	34.0	34.1	30.0	30.1	29.8	29.3	29.2	29.1	29.0	28.9	28.8	28.6	28.6	28.5	28.3	28.4	28.4	28.6	28.6	28.6	-0.8%
Fuel Cell Methanol																						
Mini-compact Cars	0.0	0.0	0.0	0.0	0.0	75.5	68.8	62.9	57.8	53.4	49.7	46.5	43.7	41.3	39.3	37.5	36.0	34.8	33.6	32.7	31.9	N/A
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	62.9	56.8	51.5	47.0	43.0	39.6	36.7	34.2	32.0	30.1	28.5	27.1	25.9	24.8	23.9	23.2	N/A
Compact Cars	0.0	0.0	0.0	0.0	0.0	62.8	56.5	51.0	46.3	42.2	38.7	35.6	33.0	30.8	28.8	27.1	25.7	24.4	23.3	22.4	21.6	N/A
Midsize Cars	0.0	0.0	0.0	0.0	0.0	73.9	66.7	60.4	54.9	50.1	46.1	42.6	39.5	36.9	34.7	32.8	31.2	29.8	28.5	27.5	26.6	N/A
Large Cars	0.0	0.0	0.0	0.0	0.0	86.1	77.9	70.8	64.8	59.6	55.0	51.1	47.6	44.6	42.1	39.9	38.0	36.4	35.0	33.8	32.8	N/A
Two Seater Cars	0.0	0.0	0.0	0.0	0.0	80.9	72.9	66.7	61.4	56.9	52.9	49.5	46.6	44.0	41.9	40.0	38.4	37.1	35.9	34.9	34.0	N/A
Small Pickup	0.0	0.0	0.0	0.0	0.0	73.7	65.9	59.2	53.5	48.5	44.2	40.4	37.1	34.2	31.7	29.6	27.7	26.1	24.7	23.5	22.5	N/A
Large Pickup	0.0	0.0	0.0	0.0	0.0	84.6	74.6	67.5	61.8	56.8	52.0	48.1	44.6	41.8	39.5	37.2	35.2	34.0	32.8	31.8	30.8	N/A
Small Van	0.0	0.0	0.0	0.0	0.0	87.5	78.7	71.1	64.5	58.8	53.8	49.5	45.8	42.5	39.2	37.2	35.0	33.2	31.6	30.3	29.1	N/A
Large Van	0.0	0.0	0.0	0.0	0.0	87.5	78.9	71.9	65.2	59.5	54.5	50.2	46.5	43.1	40.7	37.8	35.4	33.3	31.4	29.9	28.5	N/A
Small Utility	0.0	0.0	0.0	0.0	0.0	84.9	76.6	69.4	63.1	57.7	52.9	48.8	45.2	42.0	38.3	36.9	34.9	33.2	31.7	30.4	29.3	N/A
Large Utility	0.0	0.0	0.0	0.0	0.0	105.0	94.3	85.1	77.2	70.2	64.2	58.9	54.4	50.4	47.0	44.1	41.6	39.4	37.5	35.9	34.5	N/A
Fuel Cell Hydrogen																						
Mini-compact Cars	0.0	0.0	0.0	0.0	0.0	65.8	61.2	57.1	53.6	50.5	47.9	45.7	43.8	42.1	40.7	39.5	38.5	37.6	36.8	36.2	35.6	N/A
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	54.5	50.3	46.6	43.5	40.7	38.4	36.4	34.6	33.1	31.8	30.6	29.7	28.8	28.1	27.5	27.0	N/A
Compact Cars	0.0	0.0	0.0	0.0	0.0	53.9	49.5	45.7	42.5	39.6	37.2	35.1	33.3	31.7	30.4	29.2	28.2	27.3	26.6	25.9	25.4	N/A
Midsize Cars	0.0	0.0	0.0	0.0	0.0	63.0	57.9	53.6	49.8	46.5	43.7	41.2	39.1	37.3	35.8	34.5	33.3	32.3	31.5	30.8	30.2	N/A
Large Cars	0.0	0.0	0.0	0.0	0.0	73.1	67.4	62.5	58.3	54.7	51.5	48.8	46.4	44.3	42.5	41.0	39.7	38.6	37.6	36.8	36.1	N/A
Two Seater Cars	0.0	0.0	0.0	0.0	0.0	69.5	64.6	60.3	56.6	53.5	50.7	48.4	46.3	44.6	43.1	41.8	40.7	39.8	38.9	38.2	37.7	N/A
Small Pickup	0.0	0.0	0.0	0.0	0.0	61.3	55.9	51.3	47.3	43.9	40.8	38.2	35.9	34.0	32.2	30.7	29.4	28.3	27.4	26.6	25.8	N/A
Large Pickup	0.0	0.0	0.0	0.0	0.0	76.7	69.8	63.7	58.5	53.9	50.0	46.5	43.4	40.8	38.5	36.6	34.9	33.4	32.2	31.1	30.2	N/A
Small Van	0.0	0.0	0.0	0.0	0.0	72.6	66.5	61.2	56.7	52.7	49.3	46.3	43.7	41.4	39.4	37.7	36.2	35.0	33.9	32.9	32.1	N/A
Large Van	0.0	0.0	0.0	0.0	0.0	79.0	71.7	65.4	60.0	55.3	51.3	47.7	44.6	42.0	39.6	37.7	36.0	34.5	33.2	32.1	31.2	N/A
Small Utility	0.0	0.0	0.0	0.0	0.0	71.0	65.2	60.2	55.9	52.2	48.8	46.0	43.5	41.3	39.4	37.8	36.4	35.2	34.2	33.3	32.5	N/A
Large Utility	0.0	0.0	0.0	0.0	0.0	89.0	79.6	72.2	66.7	61.9	57.7	54.1	50.9	48.2	45.8	43.8	42.0	40.5	39.2	38.1	37.1	N/A
Fuel Cell Gasoline																						
Mini-compact Cars	0.0	0.0	0.0	0.0	0.0	83.0	75.2	68.4	62.5	57.5	53.2	49.5	46.3	43.5	41.2	39.2	37.4	36.0	34.7	33.6	32.7	N/A
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	69.7	62.7	56.5	51.4	46.8	42.9	39.5	36.6	34.1	31.9	30.0	28.4	27.0	25.8	24.8	23.9	N/A
Compact Cars	0.0	0.0	0.0	0.0	0.0	69.8	62.6	56.2	50.8	46.1	42.1	38.5	35.5	32.9	30.6	28.7	27.0	25.6	24.3	23.3	22.4	N/A
Midsize Cars	0.0	0.0	0.0	0.0	0.0	82.0	73.7	66.4	60.1	54.6	49.9	45.9	42.4	39.4	36.8	34.6	32.7	31.1	29.7	28.5	27.4	N/A
Large Cars	0.0	0.0	0.0	0.0	0.0	95.3	85.8	77.6	70.6	64.7	59.4	54.8	50.8	47.4	44.5	41.9	39.8	37.9	36.3	34.9	33.7	N/A
Two Seater Cars	0.0	0.0	0.0	0.0	0.0	87.9	79.7	72.6	66.4	61.2	56.6	52.7	49.3	46.4	43.9	41.8	39.9	38.4	37.0	35.8	34.8	N/A
Small Pickup	0.0	0.0	0.0	0.0	0.0	82.5	73.5	65.8	59.2	53.5	48.4	44.1	40.3	37.0	34.1	31.6	29.5	27.6	26.0	24.7	23.5	N/A
Large Pickup	0.0	0.0	0.0	0.0	0.0	106.2	94.6	84.6	75.9	68.3	61.6	55.8	50.9	46.4	42.6	39.5	36.5	34.1	32.1	30.3	28.7	N/A
Small Van	0.0	0.0	0.0	0.0	0.0	97.6	87.4	78.6	71.1	64.5	58.7	53.8	49.4	45.7	42.4	39.5	37.1	35.0	33.1	31.6	30.2	N/A
Large Van	0.0	0.0	0.0	0.0	0.0	109.3	97.2	88.8	77.8	70.0	63.2	57.3	52.2	47.7	43.9	40.6	37.7	35.3	33.2	31.4	29.8	N/A
Small Utility	0.0	0.0	0.0	0.0	0.0	94.5	84.9	76.5	69.4	63.1	57.6	52.9	48.6	45.0	41.9	39.2	36.8	34.9	33.1	31.7	30.4	N/A
Large Utility	0.0	0.0	0.0	0.0	0.0	117.2	104.8	94.2	85.0	77.0	70.1	64.0	58.7	54.2	50.3	46.9	44.0	41.5	39.3	37.5	35.8	N/A

Sources: 2000 derived using Energy and Environmental Analysis Inc. Updates to the Full Economy Model, prepared for Energy Information Administration (EIA) (Washington, DC, June 1998); and EIA, AEO2002 National Energy Modeling System run aeo2002.4f020016. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.4f020016.

**Table 58. New Light-Duty Vehicle Range (1 of 4)
(Miles)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Gasoline																							
Mini-compact Cars	429	427	426	444	442	440	440	441	443	444	446	448	450	453	456	460	462	465	467	468	470	0.5%	
Subcompact Cars	465	465	463	476	476	477	478	478	478	480	482	483	485	487	488	492	493	493	495	497	498	501	0.4%
Compact Cars	453	453	452	468	470	470	470	470	471	473	478	480	482	485	487	490	492	495	497	500	502	0.5%	
Midsize Cars	459	461	461	475	474	474	475	475	477	479	481	483	484	487	490	493	495	498	500	500	505	0.5%	
Large Cars	493	497	499	512	511	514	516	517	520	523	528	531	534	537	540	543	548	549	553	557	559	0.6%	
Two Seater Cars	425	425	425	441	439	439	439	440	442	444	446	448	450	453	456	460	462	465	467	469	471	0.5%	
Small Pickup	432	433	431	436	433	433	434	434	435	437	439	442	444	448	451	454	457	460	462	463	464	0.4%	
Large Pickup	421	421	420	426	423	424	427	430	433	436	440	444	449	456	459	462	465	468	470	472	473	0.6%	
Small Van	506	506	507	513	510	513	516	518	521	523	527	531	536	544	545	548	551	555	558	560	563	0.5%	
Large Van	457	457	459	470	469	470	476	480	485	489	493	497	502	510	513	517	521	523	525	528	530	0.7%	
Small Utility	404	405	406	419	417	418	419	420	422	424	427	431	434	439	441	444	447	454	452	454	456	0.6%	
Large Utility	496	495	496	511	510	511	517	522	527	532	536	541	545	552	556	561	564	567	569	572	574	0.7%	
Turbo Direct Injection Diesel																							
Mini-compact Cars	579	577	575	599	596	594	594	595	597	600	602	604	607	611	616	621	624	627	630	632	634	0.5%	
Subcompact Cars	627	627	625	643	643	644	645	645	647	649	651	653	655	658	661	664	666	669	672	674	676	0.4%	
Compact Cars	612	612	611	631	635	635	635	635	638	638	645	648	651	655	658	661	665	668	671	675	678	0.5%	
Midsize Cars	620	623	622	641	639	640	641	642	644	646	649	651	654	658	662	666	669	672	676	679	682	0.5%	
Large Cars	665	671	673	692	690	694	696	698	701	707	712	717	720	725	728	733	737	741	746	752	755	0.6%	
Two Seater Cars	574	574	573	595	593	592	592	593	596	600	603	605	608	612	616	621	624	628	631	634	636	0.5%	
Small Pickup	563	564	562	566	564	565	566	566	568	569	573	576	580	587	589	593	595	599	603	605	607	0.4%	
Large Pickup	568	569	567	575	571	572	576	580	585	588	593	600	606	616	620	624	628	631	634	637	638	0.6%	
Small Van	683	683	684	693	689	693	696	699	703	707	711	717	724	734	736	740	744	750	753	756	760	0.5%	
Large Van	617	618	620	635	633	635	642	648	654	660	666	672	677	688	693	698	703	706	709	712	715	0.7%	
Small Utility	546	547	548	566	563	564	565	567	569	572	577	581	585	592	596	600	604	607	610	612	615	0.6%	
Large Utility	669	668	670	690	688	690	698	704	711	718	724	730	736	746	751	757	762	765	769	772	775	0.7%	
Methanol																							
Mini-compact Cars	270	269	268	280	278	277	277	278	279	280	281	282	283	285	287	290	291	293	294	295	296	0.5%	
Subcompact Cars	293	293	292	300	300	300	301	301	302	303	304	305	306	307	308	310	311	312	313	315	316	0.4%	
Compact Cars	285	286	285	295	296	296	296	296	297	298	301	302	304	306	307	309	310	312	313	315	316	0.5%	
Midsize Cars	289	291	290	299	298	299	299	299	300	302	303	304	305	307	309	311	312	314	315	317	318	0.5%	
Large Cars	310	313	314	323	322	324	325	326	327	330	332	334	336	338	340	342	344	346	348	351	352	0.6%	
Two Seater Cars	269	268	268	278	277	276	276	277	278	280	281	282	284	286	288	290	291	293	294	296	297	0.5%	
Small Pickup	272	273	273	274	273	273	273	273	274	275	277	278	280	283	284	286	288	290	291	292	292	0.4%	
Large Pickup	265	265	265	268	267	267	269	271	273	274	277	280	283	287	289	291	293	295	296	297	298	0.6%	
Small Van	319	319	319	323	323	323	325	326	328	330	332	335	338	342	344	345	347	350	352	353	355	0.5%	
Large Van	288	288	289	296	296	296	300	302	305	308	311	313	316	321	323	326	328	330	331	332	334	0.7%	
Small Utility	255	255	256	264	263	263	264	264	266	267	269	271	273	276	278	280	282	283	284	286	287	0.6%	
Large Utility	312	312	313	322	321	322	326	329	332	335	338	341	344	348	350	353	355	357	359	360	362	0.7%	
Methanol Flex																							
Mini-compact Cars	244	244	243	253	252	251	251	251	252	253	254	255	256	258	260	262	263	265	266	267	268	0.5%	
Subcompact Cars	265	265	264	271	272	272	272	272	273	274	275	276	276	278	279	280	281	282	284	285	285	0.4%	
Compact Cars	258	258	258	267	268	268	268	268	269	269	273	274	275	276	278	278	280	281	282	284	285	0.5%	
Midsize Cars	262	263	263	271	270	270	271	271	272	272	273	274	275	278	279	279	281	282	284	285	286	0.5%	
Large Cars	281	283	284	292	291	293	294	295	296	298	301	303	304	306	308	309	311	313	315	317	319	0.6%	
Two Seater Cars	242	242	242	251	250	250	250	251	252	253	254	255	255	257	258	260	262	263	265	266	266	0.5%	
Small Pickup	246	247	246	248	247	247	247	247	248	249	250	252	253	256	257	259	261	262	263	264	265	0.4%	
Large Pickup	240	240	240	243	241	242	243	245	247	248	251	253	256	260	262	264	265	267	268	269	269	0.6%	
Small Van	288	288	289	293	291	292	294	295	297	298	300	303	306	310	311	312	314	317	318	319	321	0.5%	
Large Van	231	231	232	238	237	238	241	243	245	246	249	251	254	258	260	262	265	267	268	270	272	0.7%	
Small Utility	230	231	231	239	238	238	239	242	244	244	246	247	250	252	253	255	256	257	259	260	260	0.6%	
Large Utility	282	282	283	291	290	292	295	297	300	303	305	308	311	315	317	320	322	323	325	326	327	0.7%	

**Table 58. New Light-Duty Vehicle Range (2 of 4)
(Miles)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Ethanol																							
Mini-compact Cars	326	325	324	327	336	335	334	335	336	338	339	340	342	344	347	349	351	353	355	356	357	0.5%	
Subcompact Cars	353	353	352	362	362	362	363	363	364	365	367	367	369	370	372	374	376	377	378	378	381	0.5%	
Compact Cars	344	345	344	355	358	357	358	358	359	359	363	365	366	369	370	372	374	376	378	380	381	0.5%	
Midsize Cars	349	351	350	361	360	360	361	361	362	364	365	367	368	370	372	375	376	378	380	382	384	0.5%	
Large Cars	374	378	379	389	389	390	392	393	395	398	401	404	406	408	410	412	415	417	420	423	425	0.6%	
Two Seater Cars	323	323	323	335	334	333	333	334	336	338	339	341	342	345	347	349	351	353	355	357	358	0.5%	
Small Pickup	328	329	327	331	329	329	330	330	331	332	334	336	338	342	343	345	347	350	351	352	353	0.4%	
Large Pickup	320	320	319	324	322	322	324	327	329	331	334	336	341	347	349	351	354	355	357	358	359	0.6%	
Small Van	385	385	385	390	389	389	392	393	395	396	400	404	406	413	414	416	419	422	424	426	428	0.5%	
Large Van	347	348	349	357	357	358	361	365	368	371	375	378	381	387	390	393	396	398	399	401	402	0.7%	
Small Utility	307	308	308	319	318	317	318	318	319	320	322	325	327	330	334	336	338	340	342	343	345	0.6%	
Large Utility	377	376	377	388	387	389	393	396	400	404	407	411	414	420	423	426	429	431	433	435	436	0.7%	
Ethanol Flex																							
Mini-compact Cars	313	312	311	324	322	321	321	322	323	324	326	327	328	331	333	336	337	339	341	342	343	0.5%	
Subcompact Cars	339	339	338	348	348	348	349	348	350	351	352	353	354	356	357	359	360	362	363	365	366	0.4%	
Compact Cars	331	331	330	341	343	343	343	343	344	345	349	350	352	354	356	358	359	361	363	365	366	0.5%	
Midsize Cars	335	337	337	347	345	346	346	347	348	349	351	352	354	356	358	360	362	363	365	367	369	0.5%	
Large Cars	360	363	364	374	373	375	377	377	379	382	385	388	390	392	394	396	398	401	404	406	408	0.6%	
Two Seater Cars	311	310	310	322	321	320	320	321	322	324	326	327	329	331	333	336	337	339	341	343	344	0.5%	
Small Pickup	315	316	315	316	316	316	317	317	318	319	320	322	324	326	328	330	332	334	336	337	338	0.4%	
Large Pickup	307	307	307	311	309	310	312	314	316	318	321	324	328	333	335	338	340	341	343	344	345	0.6%	
Small Van	369	369	369	373	375	375	376	378	380	382	384	388	391	397	398	400	402	405	407	409	411	0.5%	
Large Van	334	334	335	343	343	343	347	350	354	357	360	363	366	372	375	377	380	382	384	385	387	0.7%	
Small Utility	295	296	296	306	304	305	306	306	308	309	312	314	317	320	322	324	327	328	330	331	333	0.6%	
Large Utility	362	361	362	373	372	373	377	381	384	388	391	395	398	403	406	409	412	414	416	417	419	0.7%	
Compressed Natural Gas (CNG)																							
Mini-compact Cars	257	256	255	266	265	264	264	264	266	267	268	269	270	272	274	276	277	279	280	281	282	0.5%	
Subcompact Cars	279	279	278	286	286	286	287	287	287	288	289	290	291	292	294	295	296	297	298	300	300	0.4%	
Compact Cars	272	272	271	281	282	282	282	282	283	284	287	288	289	291	292	294	295	297	298	300	301	0.5%	
Midsize Cars	275	277	277	285	284	284	285	285	286	287	289	290	291	292	294	296	297	299	300	302	303	0.5%	
Large Cars	296	298	299	307	307	308	310	310	312	314	317	319	320	322	324	326	327	330	332	334	336	0.4%	
Two Seater Cars	255	255	255	265	264	263	263	264	265	267	268	269	270	272	274	276	277	279	280	282	283	0.5%	
Small Pickup	259	260	259	261	260	260	260	260	261	262	263	265	267	270	271	272	274	276	277	278	279	0.4%	
Large Pickup	253	253	252	255	254	254	256	258	260	261	264	266	269	274	275	277	279	281	282	283	284	0.6%	
Small Van	304	304	304	308	306	308	309	311	313	314	316	319	322	326	327	329	331	333	335	336	338	0.5%	
Large Van	274	274	275	282	282	282	285	288	291	293	296	298	301	306	308	310	312	314	315	317	318	0.7%	
Small Utility	243	243	243	252	250	251	251	252	253	254	256	258	260	263	265	267	268	270	271	272	273	0.6%	
Large Utility	287	287	288	307	306	307	310	313	316	319	322	324	327	331	334	336	338	340	342	343	344	0.7%	
CNG Bi-Fuel																							
Mini-compact Cars	214	214	213	222	221	220	220	220	221	222	223	224	225	226	228	230	231	232	233	234	235	0.5%	
Subcompact Cars	232	232	231	238	238	238	239	239	240	240	241	242	242	244	245	246	247	248	249	250	250	0.4%	
Compact Cars	227	227	226	234	235	235	236	236	236	236	239	240	241	242	244	245	246	247	249	250	251	0.5%	
Midsize Cars	229	231	231	237	237	237	237	238	238	239	240	241	242	244	245	246	248	249	250	251	252	0.5%	
Large Cars	246	248	249	256	256	257	258	258	260	262	264	265	267	268	270	271	273	275	276	278	280	0.6%	
Two Seater Cars	213	213	212	220	220	219	219	220	221	221	222	223	224	225	227	228	230	231	232	234	235	0.5%	
Small Pickup	216	216	215	218	216	217	217	217	218	219	220	221	222	225	226	227	229	230	231	232	232	0.4%	
Large Pickup	211	211	210	213	212	212	213	215	216	218	220	222	224	228	229	231	233	234	235	236	236	0.6%	
Small Van	253	253	253	257	255	257	258	259	260	262	263	266	268	272	273	274	276	278	279	280	282	0.5%	
Large Van	229	229	229	235	235	235	238	240	242	244	247	249	251	255	257	259	261	262	263	264	265	0.7%	
Small Utility	202	203	203	210	208	209	209	210	211	212	214	215	217	219	221	222	224	225	226	227	228	0.6%	
Large Utility	248	247	248	255	255	256	258	261	263	266	268	270	273	276	278	280	282	283	285	286	287	0.7%	

**Table 58. New Light-Duty Vehicle Range (3 of 4)
(Miles)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Liquefied Petroleum Gas (LPG)																						
Mini-compact Cars	365	363	362	377	375	374	374	375	376	378	379	381	382	385	388	391	393	395	397	398	399	0.5%
Subcompact Cars	395	395	394	405	405	405	406	406	407	408	410	411	412	414	416	418	418	421	423	424	426	0.5%
Compact Cars	385	385	385	397	400	400	400	400	400	402	406	408	410	412	414	416	418	421	423	425	427	0.5%
Midsize Cars	390	392	392	404	402	403	403	404	405	407	409	410	412	412	414	417	419	421	423	425	428	0.5%
Large Cars	419	422	424	435	435	437	438	439	442	445	449	451	454	456	459	461	464	467	470	473	478	0.6%
Two Seater Cars	362	362	361	375	373	373	373	374	375	378	379	381	383	385	388	391	393	395	397	399	401	0.5%
Small Pickup	367	368	366	370	368	368	369	369	370	371	373	375	378	382	384	386	388	391	393	394	395	0.4%
Large Pickup	358	358	357	362	360	360	363	365	368	368	377	382	382	388	390	393	396	397	399	401	402	0.6%
Small Van	430	430	431	436	434	436	438	440	443	445	448	451	455	456	462	464	466	468	473	474	476	0.5%
Large Van	388	389	390	400	399	400	404	408	412	415	419	423	427	433	436	439	442	445	447	449	450	0.7%
Small Utility	344	344	345	356	354	355	356	357	358	360	363	366	369	373	375	378	380	382	384	386	387	0.6%
Large Utility	421	421	422	434	433	435	439	443	448	452	456	460	464	470	473	477	480	482	484	486	488	0.7%
LPG Bi-Fuel																						
Mini-compact Cars	343	342	341	355	353	352	352	353	354	356	357	358	360	362	365	368	370	372	373	374	376	0.5%
Subcompact Cars	372	372	370	381	381	381	382	382	383	384	386	387	388	388	390	391	393	395	396	398	399	0.4%
Compact Cars	362	363	362	374	376	376	376	376	377	378	382	384	386	388	390	392	394	396	398	398	400	0.5%
Midsize Cars	367	369	369	380	378	379	380	380	381	383	385	386	388	389	392	394	396	398	400	402	404	0.5%
Large Cars	394	397	399	410	409	411	413	414	418	419	422	425	427	429	432	434	437	439	442	445	448	0.6%
Two Seater Cars	340	340	340	353	351	351	351	352	353	355	357	359	360	363	365	368	370	372	374	375	377	0.5%
Small Pickup	346	346	345	348	346	347	347	347	348	350	351	353	356	360	361	363	366	368	369	371	371	0.4%
Large Pickup	337	337	336	341	339	339	341	344	346	349	352	355	359	365	367	370	372	374	376	377	378	0.6%
Small Van	405	405	405	411	408	411	413	414	417	419	421	425	429	435	436	438	441	444	446	448	450	0.5%
Large Van	366	366	367	376	375	376	380	384	388	391	395	398	401	408	410	414	416	418	420	421	424	0.7%
Small Utility	323	324	325	335	334	334	335	336	337	339	342	345	347	351	353	356	358	360	361	363	365	0.6%
Large Utility	396	396	397	408	408	409	414	417	421	425	429	432	436	442	445	449	451	454	456	458	459	0.7%
Electric																						
Mini-compact Cars	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Subcompact Cars	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Compact Cars	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Midsize Cars	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Large Cars	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Two Seater Cars	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Small Pickup	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Large Pickup	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Small Van	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Large Van	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Small Utility	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Large Utility	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	N/A
Diesel-Electric Hybrid																						
Mini-compact Cars	557	556	553	577	574	572	572	573	575	578	580	582	585	589	593	598	601	604	607	608	611	0.5%
Subcompact Cars	604	604	602	619	619	620	621	621	623	625	627	628	630	634	636	639	641	644	647	649	651	0.4%
Compact Cars	589	590	588	608	612	611	612	612	613	614	622	624	627	630	633	637	640	643	647	650	653	0.5%
Midsize Cars	597	600	599	617	615	616	617	618	620	622	625	627	630	634	637	641	644	647	651	654	656	0.5%
Large Cars	641	646	648	666	665	668	671	672	675	681	686	690	694	698	701	705	710	714	719	724	727	0.6%
Two Seater Cars	553	553	552	573	571	570	570	571	574	577	580	583	585	590	593	598	601	604	607	610	613	0.5%
Small Pickup	562	562	560	566	563	563	564	564	566	568	571	574	578	584	587	590	594	598	600	602	603	0.4%
Large Pickup	547	548	546	554	550	551	555	559	563	566	571	577	584	593	597	601	605	608	611	613	614	0.6%
Small Van	658	658	659	668	665	667	670	673	677	680	685	688	690	697	707	709	712	716	722	725	728	0.5%
Large Van	594	595	597	615	610	612	618	624	630	635	641	647	652	663	667	672	677	680	683	686	688	0.7%
Small Utility	525	527	527	545	543	543	544	546	548	551	555	560	564	571	574	580	582	585	587	590	593	0.6%
Large Utility	644	643	645	664	663	665	672	678	685	691	697	703	709	718	723	729	734	737	740	743	746	0.7%

**Table 58. New Light-Duty Vehicle Range (4 of 4)
(Miles)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Gasoline-Electric Hybrid																							
Mini-compact Cars	536	534	532	555	552	550	550	551	553	556	558	560	562	566	570	575	577	581	583	585	587	0.5%	
Subcompact Cars	561	561	579	595	596	596	596	597	598	601	603	604	606	609	612	614	617	619	622	624	626	0.4%	
Compact Cars	566	567	565	585	588	588	588	588	589	591	593	598	600	602	606	609	612	615	618	622	625	0.5%	
Midsize Cars	574	576	576	594	591	592	593	594	596	598	601	603	606	609	613	616	619	622	626	629	631	0.5%	
Large Cars	616	621	623	640	639	642	645	646	649	654	660	664	667	671	674	678	682	687	691	696	699	0.6%	
Two Seater Cars	532	532	531	551	549	548	548	549	552	555	558	560	563	567	570	575	578	581	584	587	589	0.5%	
Small Pickup	540	541	539	545	541	541	542	543	544	546	549	552	555	562	564	568	571	575	577	579	580	0.4%	
Large Pickup	526	526	529	532	529	530	534	537	541	545	549	555	561	570	574	578	585	585	590	590	591	0.6%	
Small Van	633	632	633	642	639	641	645	647	651	654	658	664	670	680	682	685	689	694	698	700	704	0.5%	
Large Van	571	572	574	588	587	588	594	600	606	611	616	622	627	637	641	646	651	654	657	660	662	0.7%	
Small Utility	505	506	507	524	521	522	523	525	527	530	534	538	542	549	552	556	559	562	564	567	570	0.6%	
Large Utility	619	618	620	639	637	639	646	652	658	664	670	676	682	690	695	701	705	709	712	715	718	0.7%	
Fuel Cell Methanol																							
Mini-compact Cars	429	427	426	444	442	440	440	441	443	444	446	448	450	453	456	460	462	465	467	468	470	0.5%	
Subcompact Cars	465	465	463	476	476	477	478	478	479	480	482	483	485	487	489	492	493	496	497	499	501	0.4%	
Compact Cars	453	453	452	468	470	470	470	470	471	473	478	480	482	485	487	490	492	495	497	500	502	0.5%	
Midsize Cars	459	461	461	475	473	474	475	475	477	479	481	483	483	484	487	490	493	495	498	500	503	0.5%	
Large Cars	493	497	499	512	511	514	516	517	520	523	528	531	534	537	540	543	546	549	553	557	559	0.6%	
Two Seater Cars	425	425	425	441	439	439	439	440	442	444	446	448	450	453	456	460	462	465	467	469	471	0.5%	
Small Pickup	432	433	431	436	433	433	434	434	435	437	439	442	444	446	449	451	454	457	460	462	464	0.4%	
Large Pickup	421	421	420	426	423	424	427	430	433	436	440	444	449	456	459	462	465	468	470	472	473	0.6%	
Small Van	506	506	507	513	510	513	516	518	521	523	527	531	536	544	548	551	555	558	560	563	565	0.5%	
Large Van	457	457	459	470	469	470	476	480	485	489	493	497	502	510	513	517	521	523	525	528	530	0.7%	
Small Utility	404	405	406	419	417	418	419	420	422	424	427	431	434	439	441	444	447	450	452	454	456	0.6%	
Large Utility	496	495	496	511	510	511	517	522	527	532	536	541	545	552	556	561	564	567	569	572	574	0.7%	
Fuel Cell Hydrogen																							
Mini-compact Cars	429	427	426	444	442	440	440	441	443	444	446	448	450	453	456	460	462	465	467	468	470	0.5%	
Subcompact Cars	465	465	463	476	476	477	478	478	479	480	482	483	485	487	489	492	493	496	497	499	501	0.4%	
Compact Cars	453	453	452	468	470	470	470	470	471	473	478	480	482	485	487	490	492	495	497	500	502	0.5%	
Midsize Cars	459	461	461	475	473	474	475	475	477	479	481	483	483	484	487	490	493	495	498	500	503	0.5%	
Large Cars	493	497	499	512	511	514	516	517	520	523	528	531	534	537	540	543	546	549	553	557	559	0.6%	
Two Seater Cars	425	425	425	441	439	439	439	440	442	444	446	448	450	453	456	460	462	465	467	469	471	0.5%	
Small Pickup	432	433	431	436	433	433	434	434	435	437	439	442	444	446	449	451	454	457	460	462	464	0.4%	
Large Pickup	421	421	420	426	423	424	427	430	433	436	440	444	449	456	459	462	465	468	470	472	473	0.6%	
Small Van	506	506	507	513	510	513	516	518	521	523	527	531	536	544	548	551	555	558	560	563	565	0.5%	
Large Van	457	457	459	470	469	470	476	480	485	489	493	497	502	510	513	517	521	523	525	528	530	0.7%	
Small Utility	404	405	406	419	417	418	419	420	422	424	427	431	434	439	441	444	447	450	452	454	456	0.6%	
Large Utility	496	495	496	511	510	511	517	522	527	532	536	541	545	552	556	561	564	567	569	572	574	0.7%	
Fuel Cell Gasoline																							
Mini-compact Cars	429	427	426	444	442	440	440	441	443	444	446	448	450	453	456	460	462	465	467	468	470	0.5%	
Subcompact Cars	465	465	463	476	476	477	478	478	479	480	482	483	485	487	489	492	493	496	497	499	501	0.4%	
Compact Cars	453	453	452	468	470	470	470	470	471	473	478	480	482	485	487	490	492	495	497	500	502	0.5%	
Midsize Cars	459	461	461	475	473	474	475	475	477	479	481	483	483	484	487	490	493	495	498	500	503	0.5%	
Large Cars	493	497	499	512	511	514	516	517	520	523	528	531	534	537	540	543	546	549	553	557	559	0.6%	
Two Seater Cars	425	425	425	441	439	439	439	440	442	444	446	448	450	453	456	460	462	465	467	469	471	0.5%	
Small Pickup	432	433	431	436	433	433	434	434	435	437	439	442	444	446	449	451	454	457	460	462	464	0.4%	
Large Pickup	421	421	420	426	423	424	427	430	433	436	440	444	449	456	459	462	465	468	470	472	473	0.6%	
Small Van	506	506	507	513	510	513	516	518	521	523	527	531	536	544	548	551	555	558	560	563	565	0.5%	
Large Van	457	457	459	470	469	470	476	480	485	489	493	497	502	510	513	517	521	523	525	528	530	0.7%	
Small Utility	404	405	406	419	417	418	419	420	422	424	427	431	434	439	441	444	447	450	452	454	456	0.6%	
Large Utility	496	495	496	511	510	511	517	522	527	532	536	541	545	552	556	561	564	567	569	572	574	0.7%	

Sources: 2000 derived using Energy and Environmental Analysis Inc. Updates to the Fuel Economy Model, prepared for Energy Information Administration (EIA) (Washington, DC, June 1998); and EIA, AEO2002 National Energy Modeling System run aeo2002_0102001a. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002_0102001a.