

Table 33. Transportation Sector Energy Use by Mode and Type (Trillion Btu)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Energy Use by Mode																									
Highway																									
Light-Duty Vehicles	13945	14281	14529	15031	15408	15746	16090	16392	16720	17021	17315	17579	17834	18096	18253	18394	18544	18700	18855	18990	19155	19304	19453	19599	1.5%
Automobiles	7549	7583	7592	7726	7794	7865	7919	7971	8020	8084	8155	8219	8286	8364	8397	8433	8483	8544	8612	8681	8770	8854	8944	9032	0.8%
Light Trucks	6372	6673	6913	7280	7589	7856	8145	8396	8674	8912	9133	9334	9522	9705	9829	9935	10034	10129	10215	10282	10357	10422	10482	10538	2.2%
Motorcycles	24.2	24.3	24.3	24.6	24.8	25.0	25.2	25.3	25.5	25.6	25.8	26.0	26.2	26.4	26.5	26.7	26.8	27.0	27.2	27.4	27.7	27.9	28.2	28.4	0.7%
Commercial Light Trucks 1/	592.0	609.3	618.2	628.3	640.4	652.2	664.3	676.0	690.4	704.4	718.2	730.8	743.7	756.1	764.4	772.8	780.5	790.1	799.9	806.7	815.4	823.4	831.1	838.0	1.5%
Buses	187.9	188.9	188.9	189.4	189.8	190.1	190.5	190.6	190.6	190.4	190.4	190.3	190.4	190.6	190.8	190.9	191.2	191.5	191.8	192.1	192.5	192.8	193.2	193.5	0.1%
Transit	76.1	76.6	76.5	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.1	77.2	77.3	77.3	77.4	77.5	77.6	77.7	77.9	78.0	78.2	78.3	78.4	0.1%
Intercity	22.1	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.6	22.7	22.7	22.8	0.1%
School	89.6	90.1	90.1	90.4	90.6	90.7	90.9	90.9	90.9	90.8	90.8	90.8	90.9	91.0	91.0	91.1	91.2	91.4	91.5	91.7	91.9	92.0	92.2	92.3	0.1%
Freight Trucks 2/	3989	4299	4341	4416	4499	4565	4629	4685	4758	4825	4888	4940	4999	5052	5080	5119	5149	5200	5256	5284	5319	5358	5395	5426	1.3%
Medium (1000-26000 pounds)	817.4	850.1	838.6	829.6	823.9	819.4	815.5	813.2	819.0	824.7	831.4	837.2	843.1	849.2	849.8	852.1	853.4	858.5	864.6	864.3	867.1	871.1	873.6	875.1	0.3%
Large (> 26000 pounds)	3171	3449	3503	3586	3675	3746	3814	3872	3939	4000	4056	4103	4156	4202	4231	4267	4296	4341	4391	4419	4452	4487	4522	4551	1.6%
Non-Highway																									
Air 3/	2787	2786	2880	3318	3414	3537	3645	3765	3894	4041	4179	4337	4478	4616	4732	4859	4967	5101	5223	5356	5472	5609	5727	5840	3.3%
General Aviation	173.6	173.4	177.8	198.5	203.0	208.8	213.9	219.6	225.7	232.6	239.2	246.7	253.4	259.9	265.5	271.5	276.6	283.0	288.8	295.2	300.6	307.2	312.8	318.2	2.7%
Domestic Air Carriers	1633	1589	1634	1864	1897	1928	1967	2001	2046	2089	2137	2185	2234	2255	2292	2326	2360	2396	2437	2473	2512	2551	2593	2632	2.1%
International Air Carriers	569.7	647.4	681.3	794.1	808.8	852.2	871.5	906.3	928.3	969.0	993.5	1038	1063	1113	1133	1174	1194	1238	1261	1304	1325	1371	1394	1416	4.0%
Freight Carriers	410.3	376.4	387.8	461.2	505.6	547.4	592.1	638.5	694.4	750.1	809.2	866.5	927.8	988.0	1041	1087	1135	1183	1236	1284	1334	1380	1427	1474	5.7%
Water 4/	1271	1140	1262	1289	1319	1346	1379	1410	1446	1483	1520	1557	1596	1635	1670	1702	1734	1768	1806	1840	1874	1908	1943	1978	1.9%
Freight	1025	888	1006	1031	1059	1085	1115	1144	1178	1213	1248	1283	1319	1356	1389	1419	1449	1481	1516	1549	1581	1613	1645	1679	2.2%
Domestic Shipping	310.1	313.2	313.0	314.5	317.4	318.8	320.7	322.1	325.1	328.3	331.0	333.2	335.5	337.8	339.7	341.4	342.7	345.4	347.7	348.8	350.1	351.2	351.9	352.2	0.6%
International Shipping	714.9	575.1	692.6	716.6	741.1	765.7	794.1	822.0	852.8	884.3	916.9	949.4	983.2	1018	1049	1077	1106	1135	1169	1200	1231	1261	1294	1326	2.7%
Recreational Boats	245.9	251.1	256.2	258.3	260.1	261.8	264.0	265.9	268.1	270.2	272.5	274.7	276.8	279.2	281.2	283.2	285.2	287.2	289.3	291.2	293.4	295.4	297.4	299.3	0.9%
Rail	529.2	542.1	545.8	552.3	564.4	569.3	573.3	576.9	583.1	593.1	599.6	604.5	608.6	613.1	621.7	625.5	628.3	633.2	638.8	645.4	650.2	654.0	659.3	662.4	1.0%
Freight	450.1	462.1	465.2	470.6	481.7	485.5	488.4	491.0	496.2	505.2	510.7	514.6	517.7	521.1	528.8	531.7	533.6	537.5	542.1	547.8	551.6	554.5	558.7	560.9	1.0%
Passenger	79.2	80.0	80.6	81.7	82.7	83.8	84.9	85.9	86.9	87.9	88.9	89.9	90.9	91.9	92.9	93.8	94.7	95.7	96.7	97.6	98.6	99.6	100.5	101.5	1.1%
Intercity	20.0	20.3	20.5	20.7	21.0	21.3	21.6	21.8	22.1	22.3	22.6	22.8	23.1	23.4	23.6	23.8	24.1	24.3	24.6	24.8	25.0	25.3	25.5	25.8	1.1%
Transit	45.3	45.6	45.9	46.5	47.1	47.7	48.4	48.9	49.5	50.1	50.7	51.2	51.8	52.4	52.9	53.4	54.0	54.5	55.1	55.6	56.2	56.7	57.3	57.8	1.1%
Commuter	13.9	14.1	14.2	14.4	14.6	14.8	15.0	15.1	15.3	15.5	15.7	15.9	16.0	16.2	16.4	16.5	16.7	16.9	17.0	17.2	17.4	17.5	17.7	17.9	1.1%
Lubricants	244.4	254.7	256.9	261.4	265.7	267.9	270.5	273.1	276.9	281.4	286.0	290.5	295.0	299.4	302.5	305.3	307.2	309.7	312.5	314.4	316.5	318.5	320.3	321.6	1.2%
Pipeline Fuel Natural Gas	733.0	727.4	732.5	739.9	762.4	779.6	802.4	816.2	838.3	851.9	865.7	875.6	885.0	899.2	909.1	924.1	934.1	952.7	965.1	978.3	991.2	1001	1006	1010	1.4%
Military Use																									
Aviation	631.4	603.2	595.9	583.7	571.1	559.2	561.0	570.8	579.4	587.8	596.3	605.3	613.6	617.9	618.7	619.4	619.1	618.3	617.4	615.5	613.1	610.6	608.0	605.5	-0.2%
Residual Fuel Use	7.2	7.1	7.0	6.8	6.7	6.5	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	-0.1%
Distillate Fuel Use	60.2	59.2	58.7	57.5	56.2	55.1	55.2	56.2	57.1	57.9	58.7	59.6	60.4	60.9	60.9	61.0	61.0	60.9	60.8	60.6	60.4	60.1	59.9	59.6	-0.0%
Total	24909	25431	25951	27008	27634	28213	28805	29356	29977	30579	31157	31710	32244	32775	33143	33512	33854	34264	34664	35023	35399	35780	36136	36473	1.7%

Table 33. Transportation Sector Energy Use by Mode and Type (Trillion Btu)																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Energy Use by Type																										
Motor Gasoline	15079	15407	15625	16078	16403	16691	16973	17215	17489	17746	17999	18222	18440	18664	18784	18890	19005	19130	19255	19361	19500	19623	19750	19873	1.2%	
Distillate (diesel)	4638	4974	5039	5140	5258	5347	5433	5509	5605	5698	5783	5857	5937	6012	6069	6129	6182	6257	6337	6390	6448	6508	6566	6615	1.6%	
Jet Fuel (kerosene & naptha)	3308	3280	3368	3795	3880	3992	4102	4231	4367	4521	4667	4833	4982	5124	5241	5368	5475	5609	5730	5862	5975	6111	6226	6337	2.9%	
Residual Oil	748.0	606.0	721.0	742.9	765.6	788.0	813.9	839.6	868.2	897.6	927.6	957.6	988.7	1021	1049	1075	1101	1128	1159	1187	1215	1243	1272	1302	2.4%	
Aviation Gasoline	42.9	42.8	42.7	42.6	42.5	42.4	42.3	42.3	42.3	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	42.1	42.1	-0.1%
Liquid Petroleum Gas	40.8	44.8	49.9	58.4	68.1	79.0	92.1	107.4	123.3	137.2	149.1	159.6	168.0	175.9	182.5	188.8	194.2	199.1	204.5	208.8	212.9	216.8	220.3	223.6	7.7%	
Lubricants	244.4	254.7	256.9	261.4	265.7	267.9	270.5	273.1	276.9	281.4	286.0	290.5	295.0	299.4	302.5	305.3	307.2	309.7	312.5	314.4	316.5	318.5	320.3	321.6	321.6	1.2%
Oil Subtotal	24101	24609	25103	26118	26683	27207	27727	28217	28772	29323	29854	30362	30853	31338	31669	31999	32306	32675	33041	33366	33710	34062	34396	34713	1.6%	
Methanol	1.2	6.7	10.5	18.5	24.5	31.3	37.9	44.9	51.0	55.6	61.0	67.3	72.3	77.4	79.9	84.5	88.5	91.6	95.4	98.6	101.2	104.1	106.2	108.7	21.8%	
Ethanol	0.5	3.3	6.3	10.0	13.9	17.8	21.8	25.9	30.1	34.4	38.8	43.2	47.1	51.1	54.4	57.3	60.2	62.8	65.3	67.5	69.5	71.3	72.9	74.3	24.0%	
Electricity	59.0	59.8	60.6	62.0	63.3	64.7	79.0	92.1	104.2	114.8	124.0	132.9	142.1	151.1	159.3	166.3	173.2	180.4	187.6	194.7	201.9	208.8	215.7	222.4	5.9%	
Compressed Natural Gas	14.2	24.2	38.5	60.1	86.6	112.4	137.0	159.9	180.9	198.6	214.2	229.6	244.4	258.6	270.5	281.5	291.5	301.1	310.3	318.0	325.5	332.4	338.8	344.4	14.9%	
Liquid 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	0.1	0.1	0.1	N/A	
Pipeline Fuel Natural Gas	733.0	727.4	732.5	739.9	762.4	779.6	802.4	816.2	838.3	851.9	865.7	875.6	885.0	899.2	909.1	924.1	934.1	952.7	965.1	978.3	991.2	1001	1006	1010	1.4%	
Total Consumption	24909	25431	25951	27008	27634	28213	28805	29356	29977	30579	31157	31710	32244	32775	33143	33512	33854	34264	34664	35023	35399	35780	36136	36473	1.7%	

1/ Commercial light trucks from 8,500 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.

N/A = Not applicable.

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

Sources: 1997 compressed natural gas volumes: Energy Information Administration (EIA), AEO99 National Energy Modeling System run AEO99B.D100198A. Other 1997 values derived using: EIA, Short-Term Energy Outlook, August 1998, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/index.html> (October 15, 1998); EIA, Fuel Oil and Kerosene Sales 1996, DOE/EIA-0535(96) (Washington, D.C., September 1997); EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997); Oak Ridge National Laboratory, Transportation Energy Book: 12, 13, 14, 15, 16, and 17, (August 1997); Department of Defense, Defense Fuel Supply Center; and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 34. Transportation Sector Energy Use by Fuel Type Within a Mode (Trillion Btu per Year)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Light-Duty Vehicle																									
Motor Gasoline	13902	14216	14438	14897	15227	15518	15799	16040	16309	16560	16805	17022	17233	17449	17566	17668	17779	17898	18016	18117	18249	18367	18487	18604	1.3%
Methanol	1.17	6.73	10.47	18.49	24.48	31.35	37.91	44.86	51.04	55.60	60.98	67.27	72.28	77.38	79.94	84.49	88.54	91.57	95.36	98.64	101.2	104.1	106.2	108.7	21.8%
Ethanol	0.53	3.26	6.35	10.01	13.91	17.84	21.79	25.86	30.10	34.43	38.78	43.21	47.10	51.13	54.41	57.32	60.16	62.84	65.29	67.47	69.49	71.30	72.88	74.32	24.0%
Compressed Natural Gas	11.91	21.83	36.14	57.58	83.70	108.8	132.5	154.0	172.9	188.0	200.7	212.6	223.9	234.4	243.0	250.6	257.5	263.9	270.1	275.6	280.9	285.8	290.5	294.7	15.0%
Liquid Petroleum Gas	20.97	25.13	30.68	39.32	49.41	60.50	73.76	88.94	104.5	118.0	129.4	139.4	147.2	154.6	160.9	166.8	171.9	176.4	181.4	185.5	189.3	193.0	196.4	199.5	10.3%
Electricity	0.29	0.62	1.05	1.60	2.20	2.79	16.28	28.67	39.94	49.81	58.22	66.44	74.92	83.13	90.66	96.95	103.2	109.7	116.1	122.5	129.0	135.2	141.4	147.4	31.2%
Liquid 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	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	N/A
Distillate (diesel)	7.43	7.07	6.68	6.61	6.66	6.93	7.96	9.70	12.48	16.04	21.06	27.85	36.45	46.89	58.33	70.68	83.71	97.02	110.3	123.2	135.9	147.9	159.2	170.0	14.6%
Total	13945	14281	14529	15031	15408	15746	16090	16392	16720	17021	17315	17579	17834	18096	18253	18394	18544	18700	18855	18990	19155	19304	19453	19599	1.5%
Commercial Light Trucks Gasoline 1/	592.0	609.3	618.2	628.3	640.4	652.2	664.3	676.0	690.4	704.4	718.2	730.8	743.7	756.1	764.4	772.8	780.5	790.1	799.9	806.7	815.4	823.4	831.1	838.0	1.5%
Freight Trucks 2/																									
Motor Gasoline	329.7	321.3	303.6	285.2	266.3	249.8	236.1	223.4	212.7	202.2	193.2	184.8	177.2	170.3	163.2	156.8	150.7	145.6	140.9	136.0	132.1	128.5	125.0	121.7	-4.2%
Distillate (diesel)	3637	3956	4016	4109	4211	4293	4370	4437	4519	4593	4661	4718	4781	4836	4868	4909	4942	4995	5052	5082	5119	5159	5198	5230	1.6%
Compressed Natural Gas	2.28	2.32	2.36	2.51	2.86	3.51	4.52	5.93	7.97	10.59	13.54	16.96	20.52	24.14	27.52	30.89	34.03	37.16	40.13	42.40	44.55	46.58	48.30	49.74	14.3%
Liquid Petroleum Gas	19.78	19.70	19.23	19.07	18.65	18.51	18.38	18.44	18.83	19.21	19.67	20.21	20.74	21.27	21.67	22.04	22.34	22.72	23.08	23.31	23.55	23.76	23.96	24.10	0.9%
Total	3989	4299	4341	4416	4499	4565	4629	4685	4758	4825	4888	4940	4999	5052	5080	5119	5149	5200	5256	5284	5319	5358	5395	5426	1.3%
Freight Rail 3/																									
Distillate (diesel)	450.1	462.1	465.2	470.6	481.7	485.5	488.4	491.0	496.2	505.2	510.7	514.6	517.7	521.1	528.8	531.7	533.6	537.5	542.1	547.8	551.6	554.5	558.7	560.9	1.0%
Total	450.1	462.1	465.2	470.6	481.7	485.5	488.4	491.0	496.2	505.2	510.7	514.6	517.7	521.1	528.8	531.7	533.6	537.5	542.1	547.8	551.6	554.5	558.7	560.9	1.0%
Domestic Shipping																									
Distillate (diesel)	218.0	220.4	220.5	221.6	223.6	224.6	225.9	226.9	229.0	231.3	233.2	234.8	236.4	238.0	239.3	240.5	241.5	243.3	245.0	245.7	246.6	247.4	247.9	248.1	0.6%
Residual Oil	92.11	92.87	92.49	92.93	93.79	94.20	94.75	95.16	96.07	97.02	97.81	98.46	99.13	99.81	100.4	100.9	101.3	102.1	102.7	103.1	103.4	103.8	104.0	104.1	0.5%
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	0.00	0.00	0.00	N/A
Total	310.1	313.2	313.0	314.5	317.4	318.8	320.7	322.1	325.1	328.3	331.0	333.2	335.5	337.8	339.7	341.4	342.7	345.4	347.7	348.8	350.1	351.2	351.9	352.2	0.6%
International Shipping																									
Distillate (diesel)	66.21	69.04	71.00	73.47	75.98	78.50	81.41	84.27	87.43	90.66	94.00	97.33	100.8	104.4	107.6	110.4	113.4	116.4	119.8	123.0	126.2	129.3	132.6	136.0	3.2%
Residual Oil	648.7	506.1	621.6	643.2	665.2	687.2	712.7	737.7	765.4	793.7	822.9	852.1	882.4	913.7	941.6	966.8	992.5	1019	1049	1077	1104	1132	1161	1190	2.7%
Total	714.9	575.1	692.6	716.6	741.1	765.7	794.1	822.0	852.8	884.3	916.9	949.4	983.2	1018	1049	1077	1106	1135	1169	1200	1231	1261	1294	1326	2.7%
Air Transportation																									
Jet Fuel	2744	2743	2838	3275	3372	3494	3603	3723	3852	3998	4136	4295	4436	4574	4690	4817	4924	5059	5181	5314	5430	5567	5685	5798	3.3%
Aviation Gasoline	42.94	42.79	42.66	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	42.10	42.09	42.09	42.08	42.08	42.08	-0.1%
Total	2787	2786	2880	3318	3414	3537	3645	3765	3894	4041	4179	4337	4478	4616	4732	4859	4967	5101	5223	5356	5472	5609	5727	5840	3.3%
Miscellaneous Transportation																									
Military Use																									
Jet Fuel	564.0	536.9	530.3	519.4	508.2	497.6	499.2	507.9	515.6	523.1	530.7	538.6	546.0	549.8	550.5	551.1	550.9	550.2	549.4	547.7	545.5	543.3	541.1	538.8	-0.2%
Residual Fuel	7.19	7.05	6.96	6.81	6.67	6.53	6.55	6.66	6.76	6.86	6.96	7.06	7.16	7.21	7.22	7.23	7.23	7.22	7.21	7.18	7.16	7.13	7.10	7.07	-0.1%
Distillate	60.24	59.22	58.69	57.48	56.24	55.08	55.25	56.21	57.06	57.89	58.73	59.61	60.43	60.85	60.93	60.99	60.97	60.89	60.80	60.62	60.38	60.13	59.88	59.63	-0.0%
Total	631.4	603.2	595.9	583.7	571.1	559.2	561.0	570.8	579.4	587.8	596.3	605.3	613.6	617.9	618.7	619.4	619.1	618.3	617.4	615.5	613.1	610.6	608.0	605.5	-0.2%

Table 34. Transportation Sector Energy Use by Fuel Type Within a Mode (Trillion Btu per Year)																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Bus Transportation																										
Transit Bus (motor gasoline)	4.19	4.22	4.26	4.27	4.28	4.29	4.30	4.30	4.30	4.30	4.29	4.30	4.30	4.30	4.31	4.31	4.32	4.33	4.33	4.34	4.35	4.36	4.37	4.37	0.2%	
Transit Bus (diesel)	71.95	72.34	72.29	72.51	72.65	72.77	72.93	72.95	72.93	72.87	72.87	72.86	72.89	72.97	73.01	73.07	73.17	73.30	73.40	73.53	73.69	73.81	73.94	74.07	74.07	0.1%
Intercity Bus (diesel)	22.10	22.22	22.20	22.27	22.32	22.35	22.40	22.41	22.40	22.38	22.38	22.38	22.39	22.41	22.43	22.45	22.48	22.52	22.55	22.59	22.64	22.67	22.71	22.75	22.75	0.1%
School Bus (motor gasoline)	4.94	4.97	5.02	5.03	5.04	5.05	5.06	5.06	5.06	5.06	5.06	5.06	5.06	5.06	5.07	5.07	5.08	5.09	5.09	5.10	5.11	5.12	5.13	5.14	5.14	0.2%
School Bus (diesel)	84.69	85.16	85.09	85.35	85.51	85.66	85.84	85.87	85.85	85.78	85.77	85.76	85.80	85.89	85.95	86.02	86.13	86.28	86.40	86.56	86.75	86.88	87.04	87.19	87.19	0.1%
Total	187.9	188.9	188.9	189.4	189.8	190.1	190.5	190.6	190.6	190.4	190.4	190.3	190.4	190.6	190.8	190.9	191.2	191.5	191.8	192.1	192.5	192.8	193.2	193.5	193.5	0.1%
Rail Transportation																										
Intercity Rail (electricity)	7.94	8.01	8.06	8.16	8.27	8.38	8.49	8.59	8.69	8.79	8.89	8.99	9.09	9.19	9.29	9.38	9.47	9.57	9.67	9.76	9.86	9.95	10.05	10.15	10.15	1.1%
Intercity Rail (diesel)	12.08	12.30	12.41	12.57	12.74	12.90	13.07	13.22	13.38	13.54	13.69	13.85	14.00	14.16	14.30	14.44	14.59	14.74	14.88	15.03	15.18	15.33	15.48	15.63	15.63	1.1%
Transit Rail (electricity)	45.25	45.62	45.92	46.53	47.13	47.74	48.36	48.93	49.53	50.10	50.68	51.24	51.81	52.39	52.92	53.44	53.98	54.54	55.08	55.62	56.18	56.72	57.28	57.83	57.83	1.1%
Commuter Rail (electricity)	5.51	5.56	5.59	5.67	5.74	5.81	5.89	5.96	6.03	6.10	6.17	6.24	6.31	6.38	6.44	6.51	6.57	6.64	6.71	6.77	6.84	6.91	6.98	7.04	7.04	1.1%
Commuter Rail (diesel)	8.38	8.54	8.61	8.73	8.84	8.95	9.07	9.18	9.29	9.40	9.50	9.61	9.72	9.83	9.92	10.02	10.12	10.23	10.33	10.43	10.54	10.64	10.74	10.85	10.85	1.1%
Total	79.17	80.02	80.59	81.65	82.72	83.78	84.87	85.87	86.92	87.92	88.94	89.93	90.93	91.95	92.87	93.79	94.74	95.72	96.67	97.61	98.60	99.55	100.5	101.5	101.5	1.1%
Recreation Boats																										
Recreation Boats	245.9	251.1	256.2	258.3	260.1	261.8	264.0	265.9	268.1	270.2	272.5	274.7	276.8	279.3	281.2	283.2	285.2	287.2	289.3	291.2	293.4	295.4	297.4	299.3	299.3	0.9%
Lubricants	244.4	254.7	256.9	261.4	265.7	267.9	270.5	273.1	276.9	281.4	286.0	290.5	295.0	299.4	302.5	305.3	307.2	309.7	312.5	314.4	316.5	318.5	320.3	321.6	321.6	1.2%
Pipeline Fuel Natural Gas	733.0	727.4	732.5	739.9	762.4	779.6	802.4	816.2	838.3	851.9	865.7	875.6	885.0	899.2	909.1	924.1	934.1	952.7	965.1	978.3	991.2	1001	1006	1010	1010	1.4%
Total Miscellaneous	2122	2105	2111	2114	2132	2142	2173	2202	2240	2270	2300	2326	2352	2378	2395	2417	2432	2455	2473	2489	2505	2518	2526	2531	2531	0.8%
Total Consumption	24909	25431	25951	27008	27634	28213	28805	29356	29977	30579	31157	31710	32244	32775	33143	33512	33854	34264	34664	35023	35399	35780	36136	36473	36473	1.7%

1/ Commercial trucks from 8,500 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: 1997 compressed natural gas volumes: Energy Information Administration (EIA), AEO99 National Energy Modeling System run AEO99B.D100198A. Other 1997 values derived using: EIA, Short-Term Energy Outlook, August 1998, Online. <http://www.eia.doe.gov/emeu/steo/pub/upd/sep98/index.html> (October 15, 1998); EIA, Fuel Oil and Kerosene Sales 1996, DOE/EIA-0535(96) (Washington, D.C., September 1997); EIA, State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997); Oak Ridge National Laboratory, Transportation Energy Book: 12, 13, 14, 15, 16, and 17, (August 1997); Department of Defense, Defense Fuel Supply Center; and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 35. Light-Duty Vehicle Energy Consumption by Technology Type and Fuel Type (Trillion Btu)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Light-Duty Consumption by Technology Type																									
Conventional Vehicles 1/																									
Gasoline ICE Vehicles	13889	14186	14386	14827	15135	15403	15664	15886	16135	16367	16596	16800	16998	17205	17314	17411	17519	17635	17751	17852	17982	18099	18219	18337	1.2%
TDI Diesel ICE	7.43	7.07	6.68	6.61	6.66	6.93	7.96	9.70	12.48	16.04	21.06	27.85	36.45	46.89	58.33	70.68	83.71	97.02	110.3	123.2	135.9	147.9	159.2	170.0	14.6%
Alternative-Fuel Vehicles																									
Alcohol Fuel Technology																									
Methanol-Flex Fuel ICE	2.39	14.02	27.10	42.57	58.86	75.11	90.45	105.0	118.8	131.2	142.4	152.3	161.0	168.7	174.2	179.1	183.3	186.9	190.0	192.6	195.2	197.4	199.4	201.2	21.3%
Methanol ICE	0.01	0.09	0.22	0.44	0.76	1.25	1.94	2.90	4.17	5.73	7.58	9.68	11.97	14.42	16.82	19.24	21.66	24.09	26.49	28.73	30.88	32.89	34.78	36.53	46.4%
Ethanol-Flex Fuel ICE	1.76	11.86	23.26	36.18	49.61	62.93	75.69	88.02	100.2	112.1	123.4	133.4	142.0	149.6	155.2	159.7	163.4	166.6	169.1	171.1	172.9	174.2	175.3	176.2	22.2%
Ethanol Ice	0.00	0.07	0.18	0.36	0.63	1.03	1.59	2.36	3.38	4.62	6.08	7.73	9.51	11.41	13.28	15.14	16.99	18.85	20.68	22.37	23.98	25.45	26.82	28.06	46.2%
Total Alcohol	4.16	26.04	50.77	79.55	109.9	140.3	169.7	198.3	226.6	253.7	279.5	303.1	324.5	344.2	359.5	373.1	385.4	396.5	406.3	414.7	423.0	430.0	436.3	441.9	22.5%
Natural Gas Technology																									
CNG ICE	11.64	19.94	32.36	51.56	75.29	98.00	119.2	138.5	155.2	168.3	179.1	189.4	199.2	208.4	216.0	222.8	229.0	234.8	240.6	245.6	250.6	255.3	259.7	263.7	14.5%
CNG Bi-fuel	0.53	3.77	7.63	12.17	17.00	21.91	26.72	31.34	35.79	39.89	43.64	46.96	49.97	52.65	54.65	56.30	57.73	58.93	59.90	60.65	61.38	61.93	62.39	62.74	23.1%
LPG ICE	20.84	24.21	28.83	36.29	45.16	55.00	67.07	81.15	95.72	108.2	118.7	127.4	134.7	141.5	147.4	152.7	157.7	162.3	166.9	171.1	175.2	178.9	182.4	185.5	10.0%
LPG Bi-fuel	0.38	3.12	6.30	10.01	13.92	17.83	21.57	25.10	28.45	31.46	34.14	36.45	38.41	40.07	41.16	41.97	42.59	43.02	43.26	43.34	43.38	43.30	43.14	42.91	22.8%
Total Natural Gas Technology	33.39	51.04	75.12	110.0	151.4	192.7	234.6	276.1	315.2	347.8	375.6	400.2	422.2	442.7	459.2	473.8	486.9	499.1	510.7	520.7	530.5	539.4	547.7	554.9	13.0%
Electric Technology																									
Electric Vehicle	0.29	0.62	1.05	1.60	2.20	2.79	16.28	28.67	39.94	49.81	58.22	66.44	74.92	83.13	90.66	96.95	103.2	109.7	116.1	122.5	129.0	135.2	141.4	147.4	31.2%
Electric-Diesel Hybrid	0.00	0.02	0.06	0.10	0.18	0.28	0.80	1.53	2.49	3.68	5.06	6.58	8.17	9.81	11.34	12.81	14.20	15.48	16.63	17.61	18.47	19.18	19.74	20.19	51.2%
Total Electricity	0.29	0.64	1.10	1.71	2.38	3.07	17.08	30.20	42.43	53.49	63.27	73.02	83.09	92.94	102.0	109.8	117.4	125.1	132.8	140.1	147.5	154.4	161.1	167.6	31.9%
Fuel Cell Technology																									
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.08	0.15	0.26	0.42	0.62	0.89	1.20	1.55	1.96	2.40	2.89	3.40	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	0.01	0.01	0.03	0.06	0.10	0.16	0.24	0.34	0.46	0.61	0.76	0.93	1.10	1.28	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	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	N/A
Total Fuel Cell	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.06	0.12	0.22	0.38	0.60	0.90	1.27	1.72	2.23	2.79	3.42	4.08	4.78	N/A
Light-Duty Consumption by Fuel Type 1/																									
Motor Gasoline	13902	14216	14438	14897	15227	15518	15799	16040	16309	16560	16805	17022	17233	17449	17566	17668	17779	17898	18016	18117	18249	18367	18487	18604	1.3%
Distillate (diesel)	7.43	7.07	6.68	6.61	6.66	6.93	7.96	9.70	12.48	16.04	21.06	27.85	36.45	46.89	58.33	70.68	83.71	97.02	110.3	123.2	135.9	147.9	159.2	170.0	14.6%
Methanol	1.17	6.73	10.47	18.49	24.48	31.35	37.91	44.86	51.04	55.60	60.98	67.27	72.28	77.38	79.94	84.49	88.54	91.57	95.36	98.64	101.2	104.1	106.2	108.7	21.8%
Ethanol	0.53	3.26	6.35	10.01	13.91	17.84	21.79	25.86	30.10	34.43	38.78	43.21	47.10	51.13	54.41	57.32	60.16	62.84	65.29	67.47	69.49	71.30	72.88	74.32	24.0%
Compressed Natural Gas	11.91	21.83	36.14	57.58	83.70	108.8	132.5	154.0	172.9	188.0	200.7	212.6	223.9	234.4	243.0	250.6	257.5	263.9	270.1	275.6	280.9	285.8	290.5	294.7	15.0%
Liquid Petroleum Gas	20.97	25.13	30.68	39.32	49.41	60.50	73.76	88.94	104.5	118.0	129.4	139.4	147.2	154.6	160.9	166.8	171.9	176.4	181.4	185.5	189.3	193.0	196.4	199.5	10.3%
Electricity	0.29	0.62	1.05	1.60	2.20	2.79	16.28	28.67	39.94	49.81	58.22	66.44	74.92	83.13	90.66	96.95	103.2	109.7	116.1	122.5	129.0	135.2	141.4	147.4	31.2%
Liquid 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	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	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, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 36. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
01 - New England																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
New Car Sales 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	389.0	372.3	366.3	361.0	347.4	338.5	316.8	314.6	316.1	317.2	318.6	320.4	321.5	324.6	322.3	319.6	317.4	319.8	323.2	320.5	318.3	316.9	316.4	313.6	-0.9%
TDI Diesel ICE	0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.5	0.9	1.2	1.8	2.6	3.4	4.2	4.9	5.4	5.9	6.2	6.5	6.7	6.7	6.8	7.0	7.1	18.4%
Total Conventional	389.2	372.3	366.4	361.1	347.6	338.7	317.1	315.1	316.9	318.5	320.5	322.9	324.8	328.8	327.2	325.0	323.3	326.1	329.7	327.2	325.1	323.7	323.4	320.7	-0.8%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.1	4.8	5.5	5.9	6.0	5.9	5.5	5.3	5.2	5.0	4.8	4.8	4.6	4.6	4.4	4.3	4.2	4.1	4.1	4.1	4.0	4.0	4.0	3.9	16.8%
Methanol ICE	0.1	0.3	0.4	0.7	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	12.2%
Ethanol-Flex Fuel ICE	0.1	4.0	4.5	4.7	4.8	4.6	4.3	4.1	4.0	3.8	3.6	3.6	3.5	3.4	3.3	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	16.8%
Ethanol Ice	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.6	0.6	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	18.2%
Electric Vehicle	0.0	0.2	0.2	0.3	0.3	0.3	23.7	24.5	25.5	26.2	26.9	27.3	27.6	28.1	28.2	28.2	28.2	28.7	29.2	29.2	29.3	29.4	29.6	29.6	36.3%
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	41.8%
CNG ICE	0.8	2.4	3.3	4.4	5.1	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.3	5.3	5.4	5.4	5.4	5.3	5.3	5.3	5.2	8.8%
CNG Bi-fuel	0.0	1.9	2.3	2.7	2.8	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	17.5%
LPG ICE	0.5	1.9	2.2	2.5	2.7	3.2	3.9	4.6	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.0	5.0	5.1	5.0	4.9	4.9	4.8	4.8	10.0%
LPG Bi-fuel	0.0	1.6	1.8	1.9	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	17.0%
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	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.7	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.0	0.0	0.0	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
Total Alternatives	1.7	17.1	20.4	23.3	24.9	25.3	49.1	50.6	51.9	52.5	53.1	53.6	53.9	54.4	53.9	53.5	53.2	53.6	54.3	54.0	53.7	53.5	53.6	53.3	16.1%
Percent Alternative Car Sales	0.44	4.39	5.29	6.06	6.68	6.96	13.41	13.85	14.07	14.15	14.21	14.23	14.23	14.20	14.15	14.14	14.14	14.13	14.14	14.16	14.17	14.19	14.22	14.25	16.3%
Total New Car Sales	390.9	389.4	386.8	384.4	372.5	364.0	366.2	365.8	368.8	371.0	373.5	376.5	378.7	383.2	381.1	378.5	376.5	379.7	384.0	381.2	378.7	377.3	377.1	374.0	-0.2%
New Light-Truck Sales 2/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	292.8	284.1	287.2	290.3	283.9	280.5	282.9	286.2	291.2	294.6	297.8	300.8	303.3	306.5	303.3	301.0	298.3	300.0	302.5	300.6	299.3	298.6	298.9	296.8	0.1%
TDI Diesel ICE	0.1	0.0	0.1	0.1	0.2	0.3	0.4	0.7	1.1	1.3	1.9	2.6	3.5	4.3	4.9	5.3	5.6	5.8	6.0	6.0	5.9	5.8	5.9	5.9	19.2%
Total Conventional	292.9	284.2	287.3	290.4	284.1	280.7	283.3	286.9	292.3	295.8	299.7	303.4	306.8	310.8	308.2	306.3	303.9	305.8	308.4	306.6	305.2	304.5	304.8	302.7	0.1%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.1	3.9	4.4	4.9	5.1	5.3	5.2	5.2	5.1	5.1	5.0	5.0	5.0	5.0	4.9	5.0	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	18.6%
Methanol Ice	0.2	0.3	0.5	0.8	1.1	1.1	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	10.1%
Ethanol-Flex Fuel ICE	0.1	3.6	4.2	4.5	4.7	4.7	4.6	4.5	4.5	4.3	4.2	4.2	4.2	4.1	4.0	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1	17.7%
Ethanol ICE	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	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	15.4%
Electric Vehicle	0.0	0.0	0.1	0.1	0.1	0.1	3.9	3.2	2.7	2.2	1.9	1.8	1.8	1.8	1.7	1.6	1.4	1.4	1.3	1.1	1.0	0.8	0.7	0.6	20.0%
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	1.0	1.1	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	46.7%
CNG ICE	0.6	1.3	1.9	2.8	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	8.6%
CNG Bi-fuel	0.0	0.7	0.8	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	16.0%
LPG ICE	0.4	0.8	1.0	1.3	1.5	1.5	1.8	2.0	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	7.6%
LPG Bi-fuel	0.0	0.7	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	16.3%
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	1.4	11.3	13.8	16.5	18.4	18.7	23.0	22.8	22.7	22.4	22.2	22.4	22.5	22.6	22.0	21.7	21.1	20.9	20.7	20.2	19.7	19.2	18.8	18.3	12.0%

Table 36. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
01 - New England																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.82	4.58	5.38	6.09	6.23	7.52	7.38	7.22	7.04	6.89	6.87	6.82	6.77	6.66	6.62	6.50	6.39	6.28	6.19	6.06	5.93	5.81	5.70	11.5%
Total New Truck Sales	294.2	295.4	301.1	306.9	302.5	299.4	306.3	309.7	315.0	318.2	321.9	325.8	329.3	333.3	330.2	328.0	325.1	326.7	329.1	326.8	324.8	323.7	323.6	321.0	0.4%
Percent Total Alternative Sales	0.45	4.14	4.98	5.76	6.41	6.63	10.72	10.88	10.92	10.87	10.82	10.82	10.78	10.74	10.67	10.64	10.60	10.55	10.51	10.48	10.42	10.38	10.33	10.30	14.6%
EPACT Legislative Alternative Sales	2.03	3.98	6.21	9.46	11.88	12.80	14.11	15.28	16.02	16.12	16.24	16.38	16.49	16.68	16.55	16.42	16.30	16.41	16.55	16.42	16.32	16.25	16.23	16.09	9.4%
ZEVP Legislative Alternernative Sales	0.00	0.00	0.00	0.00	0.00	0.00	27.37	27.52	27.93	28.22	28.55	28.92	29.25	29.72	29.64	29.55	29.48	29.82	30.23	30.12	30.05	30.05	30.15	30.02	N/A
Total Vehicles Sales	685.1	684.8	687.9	691.4	674.9	663.4	672.5	675.5	683.9	689.2	695.4	702.3	708.0	716.6	711.3	706.5	701.6	706.4	713.1	707.9	703.5	700.9	700.7	695.0	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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 37. Light-Duty Vehicle Sales by Technology Type (Thousands)																										
02 - Middle Atlantic																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
New Car Sales 1/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	1122	1067	1043	1021	978.5	949.4	890.4	882.5	884.8	885.8	887.6	890.0	890.6	896.8	888.1	878.5	870.2	874.4	881.0	871.3	863.0	856.7	853.0	843.0	-1.2%	
TDI Diesel ICE	0.4	0.1	0.2	0.2	0.4	0.6	0.9	1.5	2.3	3.4	4.9	6.9	9.0	11.2	12.9	14.3	15.5	16.4	17.0	17.3	17.4	17.6	18.0	18.2	17.8%	
Total Conventional	1123	1067	1043	1022	978.9	950.0	891.4	884.0	887.1	889.2	892.5	896.9	899.6	908.0	901.0	892.8	885.7	890.8	898.0	888.6	880.4	874.3	871.0	861.2	-1.1%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.3	13.4	15.1	16.3	16.5	16.1	15.0	14.3	13.7	13.2	12.6	12.3	11.9	11.6	11.1	10.6	10.2	10.0	9.8	9.7	9.5	9.4	9.4	9.3	15.9%	
Methanol ICE	0.4	0.9	1.3	2.1	2.8	3.1	3.6	4.1	4.7	5.4	6.0	6.6	7.1	7.6	7.9	8.0	8.3	8.5	8.8	8.7	8.5	8.4	8.4	8.4	8.2	13.9%
Ethanol-Flex Fuel ICE	0.2	11.1	12.4	13.2	13.3	12.8	11.8	11.2	10.7	10.1	9.6	9.3	9.0	8.7	8.3	7.8	7.5	7.3	7.1	6.9	6.8	6.6	6.5	6.4	15.9%	
Ethanol Ice	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.3	1.7	1.9	2.2	2.4	2.6	2.7	2.8	2.8	2.7	2.8	2.8	2.7	2.6	2.6	2.5	2.4	18.5%	
Electric Vehicle	0.1	0.5	0.6	0.7	0.8	0.8	62.0	64.0	66.3	68.1	69.9	71.0	71.9	73.1	73.2	73.3	73.4	74.5	75.8	75.9	76.1	76.4	76.9	76.9	35.6%	
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.1	0.1	0.7	0.9	1.2	1.3	1.5	1.6	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	40.3%	
CNG ICE	2.2	7.2	9.7	12.9	14.7	14.6	14.7	14.9	15.1	15.0	15.1	15.2	15.2	15.3	15.2	15.0	14.9	15.1	15.2	15.0	14.8	14.7	14.6	14.4	8.6%	
CNG Bi-fuel	0.1	5.6	6.7	7.6	8.1	8.2	8.0	7.9	7.7	7.5	7.2	7.0	7.0	6.8	6.4	6.1	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.7	16.4%	
LPG ICE	1.5	5.2	6.3	7.3	7.8	9.1	11.1	13.1	14.1	14.0	14.1	14.1	14.1	14.2	14.0	14.0	13.8	13.8	14.0	13.8	13.5	13.4	13.2	13.0	9.8%	
LPG Bi-fuel	0.1	4.2	4.9	5.4	5.6	5.5	5.2	5.0	4.8	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	16.3%	
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	0.1	0.1	0.3	0.4	0.5	0.7	0.9	1.0	1.2	1.3	1.4	1.6	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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.8	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	5.0	48.3	57.4	66.2	70.3	71.2	133.1	136.8	139.9	141.2	142.5	143.8	144.5	145.8	144.4	143.1	142.3	143.4	145.0	143.9	142.9	142.3	142.3	141.2	15.6%	
Percent Alternative Car Sales	0.44	4.33	5.22	6.08	6.70	6.97	12.99	13.40	13.63	13.70	13.77	13.82	13.84	13.84	13.81	13.82	13.84	13.87	13.90	13.94	13.96	14.00	14.04	14.08	16.2%	
Total New Car Sales	1128	1115	1101	1088	1049	1021	1024	1021	1027	1030	1035	1041	1044	1054	1045	1036	1028	1034	1043	1033	1023	1017	1013	1002	-0.5%	
New Light-Truck Sales 2/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	844.7	814.3	817.9	821.5	799.7	786.8	792.6	800.0	812.0	819.1	826.0	832.2	837.1	843.7	833.1	824.8	815.4	817.9	822.5	815.2	809.5	805.5	804.2	796.4	-0.3%	
TDI Diesel ICE	0.3	0.1	0.2	0.3	0.4	0.7	1.1	1.8	2.9	3.4	5.0	7.1	9.3	11.4	13.0	14.1	14.8	15.3	15.6	15.5	15.2	15.1	15.0	15.0	18.5%	
Total Conventional	845.0	814.3	818.0	821.8	800.1	787.5	793.7	801.8	814.8	822.5	831.0	839.3	846.3	855.1	846.1	838.9	830.3	833.3	838.1	830.7	824.7	820.5	819.2	811.4	-0.2%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.2	10.8	12.3	13.8	14.4	14.7	14.4	14.3	14.1	13.8	13.6	13.5	13.4	13.3	12.9	13.0	12.7	12.4	12.3	12.2	11.9	11.7	11.4	11.2	18.0%	
Methanol Ice	0.5	0.8	1.3	2.2	3.1	3.2	3.4	3.6	4.0	4.3	4.5	4.8	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.6	5.5	5.5	5.4	10.9%	
Ethanol-Flex Fuel ICE	0.2	10.0	11.6	12.8	13.3	13.3	12.8	12.6	12.3	11.9	11.6	11.5	11.2	11.1	10.6	10.2	9.8	9.5	9.3	9.0	8.7	8.4	8.2	7.9	17.1%	
Ethanol ICE	0.1	0.1	0.2	0.4	0.6	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.8	1.8	15.4%	
Electric Vehicle	0.0	0.1	0.2	0.2	0.2	0.2	9.5	7.8	6.6	5.6	4.7	4.6	4.6	4.5	4.2	3.9	3.6	3.3	3.1	2.7	2.4	2.1	1.8	1.5	19.1%	
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.1	0.2	0.9	1.3	1.8	2.2	2.6	2.9	3.2	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.7	2.6	2.5	2.5	45.7%	
CNG ICE	1.6	3.7	5.4	8.2	10.4	10.2	10.5	10.6	10.8	10.8	10.9	11.0	11.1	11.2	11.0	10.9	10.8	10.8	10.9	10.7	10.6	10.5	10.4	10.3	8.3%	
CNG Bi-fuel	0.1	1.9	2.3	2.7	2.9	2.9	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	14.9%	
LPG ICE	1.1	2.3	2.9	3.8	4.4	4.3	5.0	5.8	6.2	6.2	6.2	6.3	6.3	6.4	6.3	6.2	6.1	6.1	6.2	6.1	6.0	5.9	5.9	5.8	7.4%	
LPG Bi-fuel	0.0	1.9	2.3	2.6	2.8	2.8	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	15.4%	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	3.9	31.8	38.6	46.8	51.9	52.4	63.1	62.7	62.4	61.5	60.8	61.2	61.3	61.4	59.9	58.9	57.3	56.5	55.9	54.6	53.0	51.6	50.4	49.0	11.6%	

Table 37. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
02 - Middle Atlantic																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.75	4.51	5.39	6.10	6.24	7.36	7.25	7.11	6.95	6.82	6.80	6.76	6.70	6.61	6.56	6.46	6.36	6.26	6.16	6.04	5.92	5.80	5.70	11.5%
Total New Truck Sales	848.9	846.1	856.7	868.5	852.0	839.9	856.8	864.5	877.2	884.0	891.8	900.5	907.7	916.6	905.9	897.8	887.6	889.8	894.0	885.2	877.7	872.2	869.6	860.4	0.1%
Percent Total Alternative Sales	0.45	4.08	4.91	5.77	6.43	6.64	10.43	10.58	10.63	10.59	10.55	10.56	10.54	10.52	10.47	10.45	10.42	10.39	10.37	10.35	10.30	10.27	10.23	10.21	14.5%
EPACT Legislative Alternative Sales	5.84	11.41	17.68	26.76	33.45	35.92	39.46	42.65	44.61	44.77	44.99	45.26	45.47	45.87	45.40	44.95	44.50	44.69	44.97	44.49	44.08	43.78	43.63	43.13	9.1%
ZEVP Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	70.93	71.35	72.41	73.17	74.04	75.00	75.87	77.08	76.87	76.64	76.44	77.32	78.37	78.09	77.91	77.91	78.18	77.84	N/A
Total Vehicles Sales	1977	1961	1957	1956	1901	1861	1881	1885	1904	1914	1927	1941	1952	1970	1951	1934	1916	1924	1937	1918	1901	1889	1883	1863	-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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 38. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
03 - East North Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
New Car Sales 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	1278	1216	1191	1167	1119	1087	1090	1084	1090	1095	1101	1106	1110	1119	1111	1101	1093	1100	1111	1100	1091	1085	1082	1070	-0.8%
TDI Diesel ICE	0.5	0.1	0.2	0.3	0.4	0.7	1.1	1.7	2.7	3.9	5.8	8.1	10.6	13.3	15.3	17.1	18.6	19.6	20.6	20.9	21.2	21.5	21.9	22.1	18.1%
Total Conventional	1278	1216	1191	1167	1120	1088	1091	1086	1093	1099	1107	1115	1120	1133	1127	1118	1112	1120	1131	1121	1113	1106	1104	1093	-0.7%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.4	15.2	17.1	18.9	18.8	18.5	17.2	16.6	16.0	15.3	14.7	14.4	14.0	13.7	13.0	12.5	12.2	11.9	11.7	11.5	11.4	11.3	11.2	11.1	16.1%
Methanol ICE	0.5	0.9	1.4	2.3	3.1	3.4	3.7	4.2	4.8	5.2	5.7	6.1	6.4	6.7	6.7	6.8	6.8	7.0	7.2	7.1	7.0	6.9	6.9	6.8	12.3%
Ethanol-Flex Fuel ICE	0.2	12.6	14.1	15.6	15.8	15.4	14.2	13.6	13.1	12.6	12.1	11.8	11.4	11.2	10.7	10.2	9.8	9.6	9.4	9.3	9.1	9.0	8.9	8.8	16.8%
Ethanol Ice	0.1	0.2	0.3	0.6	0.8	1.0	1.3	1.7	2.1	2.5	2.9	3.2	3.4	3.7	3.7	3.8	3.8	3.9	4.0	3.9	3.8	3.8	3.7	3.6	20.0%
Electric Vehicle	0.1	0.7	0.8	1.0	1.0	1.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	12.1%
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.1	0.2	0.9	1.1	1.4	1.6	1.8	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	41.0%
CNG ICE	2.5	8.1	11.0	14.6	16.7	16.6	16.7	17.0	17.2	17.2	17.3	17.4	17.5	17.7	17.6	17.5	17.4	17.6	17.9	17.6	17.5	17.3	17.3	17.1	8.7%
CNG Bi-fuel	0.2	6.2	7.5	8.5	9.0	9.2	9.0	8.9	8.7	8.5	8.3	8.1	8.2	7.9	7.5	7.2	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.8	16.8%
LPG ICE	1.7	5.8	7.0	8.5	9.1	10.6	12.8	15.2	16.4	16.3	16.4	16.5	16.5	16.7	16.5	16.4	16.3	16.4	16.6	16.3	16.0	15.9	15.7	15.5	10.0%
LPG Bi-fuel	0.1	4.7	5.5	6.3	6.5	6.5	6.1	5.9	5.7	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.6	3.4	3.3	3.2	3.1	16.8%
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	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9	2.0	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	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	5.7	54.5	64.9	76.3	80.9	82.1	83.9	86.0	87.1	86.5	86.1	86.4	86.1	86.3	84.2	82.9	81.7	81.6	81.9	80.6	79.4	78.5	77.8	76.7	12.0%
Percent Alternative Car Sales	0.44	4.29	5.17	6.14	6.74	7.02	7.14	7.34	7.39	7.29	7.22	7.19	7.14	7.08	6.95	6.90	6.85	6.79	6.75	6.70	6.66	6.63	6.59	6.56	12.4%
Total New Car Sales	1284	1271	1256	1244	1201	1170	1175	1172	1180	1186	1193	1201	1206	1219	1211	1201	1193	1202	1213	1202	1192	1185	1182	1169	-0.4%
New Light-Truck Sales 2/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	961.8	927.9	933.5	938.3	914.4	900.5	918.4	925.8	939.2	947.8	956.2	964.4	971.2	979.9	968.7	959.7	949.3	953.0	958.9	950.8	944.1	939.6	938.3	929.1	-0.2%
TDI Diesel ICE	0.3	0.1	0.2	0.3	0.5	0.8	1.3	2.1	3.4	4.0	5.9	8.3	10.9	13.5	15.4	16.9	17.9	18.4	18.8	18.7	18.6	18.4	18.3	18.3	18.9%
Total Conventional	962.2	928.0	933.7	938.6	914.9	901.3	919.7	927.9	942.6	951.9	962.1	972.7	982.1	993.4	984.1	976.5	967.1	971.4	977.7	969.5	962.7	958.0	956.6	947.4	-0.1%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.3	12.3	14.0	16.1	16.4	16.8	16.6	16.4	16.2	15.8	15.6	15.5	15.4	15.4	14.8	15.0	14.6	14.3	14.2	14.1	13.8	13.5	13.2	12.9	18.0%
Methanol Ice	0.6	0.9	1.5	2.5	3.5	3.5	3.8	4.0	4.3	4.5	4.7	5.0	5.1	5.3	5.3	5.3	5.3	5.4	5.4	5.3	5.3	5.2	5.1	5.1	10.1%
Ethanol-Flex Fuel ICE	0.2	11.3	13.2	15.3	15.9	16.0	15.6	15.4	15.1	14.8	14.5	14.4	14.1	14.0	13.5	13.0	12.5	12.3	12.0	11.7	11.4	11.1	10.8	10.5	17.9%
Ethanol ICE	0.1	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	15.8%
Electric Vehicle	0.0	0.1	0.2	0.2	0.2	0.2	0.3	0.3	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	7.8%
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.2	0.2	1.1	1.5	2.1	2.6	3.1	3.5	3.7	3.9	3.8	3.8	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.0	46.2%
CNG ICE	1.9	4.2	6.2	9.3	11.8	11.7	12.0	12.2	12.4	12.5	12.6	12.7	12.8	12.9	12.8	12.7	12.6	12.6	12.7	12.5	12.4	12.3	12.2	12.1	8.4%
CNG Bi-fuel	0.1	2.2	2.6	3.0	3.2	3.3	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	15.3%
LPG ICE	1.3	2.6	3.3	4.3	5.0	5.0	5.8	6.6	7.1	7.1	7.2	7.3	7.3	7.4	7.3	7.3	7.2	7.2	7.3	7.2	7.1	7.0	6.9	6.8	7.5%
LPG Bi-fuel	0.0	2.2	2.6	3.0	3.2	3.3	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.5	15.9%
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	4.5	36.1	43.9	54.3	60.1	60.8	62.7	64.2	65.4	65.5	65.8	66.5	66.6	66.9	65.2	64.6	63.2	62.5	62.1	61.0	59.7	58.6	57.4	56.2	11.6%

Table 38. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
03 - East North Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.74	4.49	5.47	6.17	6.32	6.38	6.47	6.48	6.44	6.40	6.40	6.35	6.31	6.22	6.20	6.13	6.04	5.97	5.92	5.84	5.76	5.66	5.60	11.5%
Total New Truck Sales	966.6	964.1	977.6	992.9	975.0	962.1	982.4	992.1	1008	1017	1028	1039	1049	1060	1049	1041	1030	1034	1040	1030	1022	1017	1014	1004	0.2%
Percent Total Alternative Sales	0.45	4.05	4.87	5.84	6.48	6.70	6.79	6.94	6.97	6.90	6.84	6.82	6.77	6.72	6.61	6.57	6.51	6.44	6.39	6.34	6.28	6.23	6.16	6.12	12.0%
EPACT Legislative Alternative Sales	6.66	13.00	20.18	30.60	38.28	41.14	45.24	48.95	51.26	51.52	51.86	52.23	52.53	53.06	52.59	52.12	51.66	51.92	52.30	51.79	51.36	51.03	50.87	50.31	9.2%
ZEVP 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	0.00	0.00	N/A
Total Vehicles Sales	2251	2235	2234	2237	2176	2132	2157	2164	2188	2203	2221	2240	2255	2279	2260	2242	2224	2235	2253	2232	2215	2202	2196	2173	-0.2%

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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 39. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
04 - West North Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
New Car Sales 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	528.0	506.0	498.1	490.0	471.9	460.0	462.8	461.9	465.7	469.0	472.5	476.0	478.5	483.8	480.9	477.1	473.9	477.5	482.5	478.7	475.5	473.5	473.1	469.1	-0.5%
TDI Diesel ICE	0.2	0.0	0.1	0.1	0.2	0.3	0.5	0.7	1.2	1.7	2.5	3.5	4.6	5.8	6.7	7.5	8.1	8.6	9.0	9.2	9.3	9.5	9.6	9.8	18.4%
Total Conventional	528.2	506.1	498.2	490.1	472.1	460.3	463.3	462.6	466.9	470.7	474.9	479.5	483.1	489.5	487.6	484.5	482.0	486.1	491.4	487.9	484.8	483.0	482.7	478.9	-0.4%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.1	6.1	6.8	7.6	7.6	7.4	6.9	6.6	6.3	5.9	5.7	5.5	5.3	5.2	4.9	4.8	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.3	16.0%
Methanol ICE	0.2	0.4	0.6	1.0	1.3	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.8	12.3%
Ethanol-Flex Fuel ICE	0.1	5.0	5.6	6.3	6.3	6.1	5.6	5.3	5.1	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4	3.4	16.6%
Ethanol Ice	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.2	1.5	1.9	2.2	2.6	2.9	3.1	3.3	3.3	3.3	3.4	3.3	3.3	3.2	3.1	3.1	3.0	23.6%
Electric Vehicle	0.0	0.3	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	12.2%
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	40.8%
CNG ICE	1.0	3.6	4.9	6.5	7.4	7.4	7.6	7.7	7.8	7.9	7.9	8.0	8.2	8.3	8.3	8.4	8.4	8.6	8.8	8.7	8.6	8.6	8.6	8.5	9.6%
CNG Bi-fuel	0.1	2.6	3.1	3.6	3.7	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4	16.8%
LPG ICE	0.7	2.7	3.3	3.9	4.2	4.9	5.9	6.9	7.4	7.5	7.5	7.6	7.7	7.9	7.9	7.9	7.9	8.0	8.2	8.1	7.9	7.9	7.8	7.7	10.8%
LPG Bi-fuel	0.0	2.0	2.3	2.6	2.7	2.7	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	16.9%
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	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.8	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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	2.3	22.8	27.2	32.1	34.2	34.8	35.6	36.6	37.2	37.0	37.1	37.4	37.6	37.9	37.4	37.1	36.8	37.1	37.4	36.9	36.4	36.0	35.8	35.3	12.5%
Percent Alternative Car Sales	0.44	4.30	5.18	6.16	6.75	7.03	7.14	7.33	7.38	7.29	7.24	7.24	7.22	7.19	7.12	7.11	7.10	7.09	7.08	7.03	6.98	6.94	6.90	6.86	12.7%
Total New Car Sales	530.6	528.8	525.4	522.2	506.2	495.1	498.9	499.2	504.1	507.7	512.0	516.9	520.7	527.5	525.0	521.6	518.8	523.2	528.9	524.8	521.2	519.0	518.5	514.1	-0.1%
New Light-Truck Sales 2/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	397.4	386.2	390.6	394.1	385.6	381.2	390.3	394.7	401.4	406.0	410.5	415.2	419.2	423.9	419.8	416.4	412.4	414.5	417.6	414.6	412.3	411.0	411.3	408.1	0.1%
TDI Diesel ICE	0.1	0.0	0.1	0.1	0.2	0.3	0.6	0.9	1.5	1.7	2.6	3.6	4.7	5.9	6.7	7.4	7.8	8.0	8.2	8.2	8.2	8.1	8.1	8.1	19.2%
Total Conventional	397.5	386.3	390.7	394.2	385.8	381.5	390.8	395.6	402.8	407.7	413.1	418.8	424.0	429.8	426.5	423.8	420.2	422.6	425.8	422.9	420.5	419.2	419.4	416.2	0.2%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.1	5.0	5.7	6.7	6.8	7.0	6.9	6.8	6.7	6.5	6.4	6.4	6.4	6.3	6.1	6.2	6.0	6.0	5.9	5.9	5.8	5.7	5.6	5.5	18.2%
Methanol Ice	0.2	0.4	0.6	1.1	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	10.2%
Ethanol-Flex Fuel ICE	0.1	4.6	5.4	6.3	6.5	6.6	6.4	6.3	6.2	6.0	5.9	5.8	5.7	5.7	5.4	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	18.0%
Ethanol ICE	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	1.5	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	19.0%
Electric Vehicle	0.0	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	0.1	0.1	8.1%
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	46.7%
CNG ICE	0.8	1.8	2.7	4.0	5.1	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.6	5.6	8.9%
CNG Bi-fuel	0.0	0.9	1.1	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	15.0%
LPG ICE	0.5	1.2	1.5	1.9	2.2	2.2	2.6	2.9	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.3	3.4	3.4	3.4	3.3	3.3	3.3	3.2	8.1%
LPG Bi-fuel	0.0	0.9	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	15.6%
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	1.8	14.9	18.3	22.8	25.2	25.6	26.5	27.2	27.7	27.9	28.1	28.5	28.7	29.0	28.4	28.3	27.8	27.6	27.5	27.0	26.5	26.1	25.6	25.1	12.0%

Table 39. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
04 - West North Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.72	4.47	5.46	6.14	6.29	6.34	6.43	6.44	6.39	6.37	6.38	6.34	6.32	6.24	6.25	6.20	6.13	6.06	6.01	5.93	5.85	5.76	5.70	11.5%
Total New Truck Sales	399.4	401.2	408.9	417.0	411.1	407.2	417.3	422.8	430.6	435.5	441.2	447.3	452.7	458.8	454.9	452.1	448.0	450.2	453.3	449.9	447.0	445.2	445.0	441.3	0.4%
Percent Total Alternative Sales	0.45	4.05	4.87	5.85	6.48	6.70	6.78	6.92	6.95	6.88	6.84	6.84	6.81	6.78	6.71	6.71	6.68	6.65	6.61	6.56	6.50	6.44	6.37	6.32	12.2%
EPACT Legislative Alternative Sales	2.75	5.41	8.44	12.85	16.14	17.41	19.22	20.86	21.90	22.06	22.26	22.48	22.68	22.96	22.80	22.63	22.46	22.61	22.80	22.61	22.45	22.35	22.32	22.12	9.5%
ZEVP 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	0.00	0.00	N/A
Total Vehicles Sales	930.0	930.0	934.4	939.2	917.3	902.2	916.2	922.0	934.7	943.2	953.2	964.2	973.4	986.2	979.9	973.7	966.8	973.3	982.2	974.6	968.2	964.2	963.5	955.5	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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 40. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
05 - South Atlantic																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
New Car Sales 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	1433	1373	1354	1337	1292	1265	1279	1284	1302	1319	1337	1356	1372	1396	1399	1399	1401	1424	1450	1450	1452	1457	1467	1466	0.1%
TDI Diesel ICE	0.5	0.1	0.2	0.3	0.5	0.8	1.3	2.0	3.2	4.7	6.9	9.8	13.0	16.4	19.0	21.5	23.5	25.0	26.5	27.1	27.8	28.4	29.1	29.7	19.0%
Total Conventional	1434	1373	1354	1337	1293	1266	1281	1286	1305	1324	1344	1365	1385	1413	1418	1420	1425	1449	1477	1478	1480	1486	1497	1496	0.2%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.4	16.9	19.2	21.8	22.0	21.7	20.4	19.9	19.3	18.7	18.2	17.9	17.6	17.4	16.6	16.2	15.9	15.7	15.7	15.6	15.6	15.6	15.7	15.7	17.3%
Methanol ICE	0.5	1.1	1.6	2.7	3.6	3.9	4.4	5.0	5.8	6.3	7.0	7.6	8.1	8.5	8.6	8.8	8.9	9.2	9.6	9.6	9.5	9.5	9.5	9.5	13.4%
Ethanol-Flex Fuel ICE	0.3	14.0	15.8	17.0	17.2	16.8	15.6	15.0	14.5	14.0	13.5	13.2	12.9	12.7	12.2	11.7	11.4	11.3	11.1	10.9	10.8	10.7	10.7	10.5	17.2%
Ethanol Ice	0.1	0.2	0.4	0.6	0.9	1.1	1.4	1.8	2.2	2.6	3.0	3.4	3.6	3.9	4.0	4.0	4.1	4.2	4.3	4.2	4.1	4.0	4.0	3.9	19.7%
Electric Vehicle	0.1	0.8	1.0	1.1	1.2	1.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.8	1.7	1.6	1.6	13.1%
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.1	0.2	1.0	1.3	1.6	1.9	2.1	2.3	2.3	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7	42.2%
CNG ICE	2.8	9.2	12.5	16.8	19.4	19.4	19.8	20.3	20.7	20.9	21.2	21.5	21.8	22.2	22.3	22.4	22.5	22.9	23.5	23.4	23.4	23.4	23.6	23.5	9.7%
CNG Bi-fuel	0.2	7.1	8.6	10.0	10.6	10.9	10.8	10.8	10.6	10.5	10.3	10.2	10.3	10.1	9.7	9.4	9.1	8.9	8.8	8.6	8.4	8.3	8.2	8.1	17.9%
LPG ICE	2.0	6.7	8.1	9.5	10.2	12.1	14.8	17.8	19.4	19.4	19.7	20.0	20.2	20.5	20.5	20.6	20.6	20.9	21.4	21.2	21.0	21.0	21.0	20.8	10.8%
LPG Bi-fuel	0.1	5.4	6.4	7.0	7.3	7.3	7.0	6.8	6.6	6.3	6.1	6.0	5.8	5.6	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1	17.5%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	1.1	1.4	1.6	1.9	2.1	2.4	2.6	2.8	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	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.7	0.8	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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	N/A
Total Alternatives	6.4	61.4	73.6	86.6	92.5	94.7	97.5	100.8	103.0	103.0	103.4	104.5	105.1	106.1	104.5	103.7	103.1	103.8	105.2	104.4	103.8	103.5	103.5	103.0	12.9%
Percent Alternative Car Sales	0.44	4.28	5.16	6.08	6.68	6.96	7.08	7.27	7.32	7.22	7.14	7.11	7.06	6.99	6.86	6.80	6.75	6.69	6.65	6.60	6.55	6.51	6.47	6.44	12.3%
Total New Car Sales	1440	1435	1428	1424	1385	1361	1378	1386	1409	1427	1448	1470	1490	1519	1522	1524	1528	1553	1582	1584	1589	1600	1599	1599	0.5%
New Light-Truck Sales 2/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	1079	1048	1061	1075	1056	1048	1079	1097	1122	1142	1162	1182	1201	1222	1219	1219	1217	1233	1252	1253	1256	1262	1272	1272	0.7%
TDI Diesel ICE	0.4	0.1	0.2	0.3	0.6	0.9	1.5	2.5	4.0	4.8	7.1	10.1	13.3	16.6	19.1	21.1	22.6	23.4	24.2	24.3	24.3	24.3	24.3	24.6	19.8%
Total Conventional	1079	1048	1062	1075	1056	1049	1080	1099	1126	1147	1169	1192	1214	1239	1238	1240	1239	1256	1276	1277	1280	1286	1297	1297	0.8%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.3	13.7	15.7	18.7	19.2	19.9	19.8	19.8	19.7	19.3	19.3	19.4	19.4	19.6	19.0	19.4	19.1	19.0	19.1	18.9	18.7	18.5	18.5	18.3	19.3%
Methanol Ice	0.6	1.0	1.7	2.9	4.0	4.1	4.4	4.7	5.1	5.4	5.8	6.1	6.3	6.6	6.6	6.7	6.8	6.9	7.1	7.1	7.1	7.1	7.1	7.1	11.1%
Ethanol-Flex Fuel ICE	0.3	12.6	14.9	16.5	17.2	17.3	17.0	16.8	16.6	16.3	16.0	16.0	15.8	15.8	15.3	14.9	14.5	14.3	14.0	13.7	13.5	13.2	12.9	12.6	18.3%
Ethanol ICE	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.3	1.5	1.8	2.0	2.2	2.4	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	16.8%
Electric Vehicle	0.0	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	8.7%
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.2	0.2	1.2	1.8	2.4	3.1	3.7	4.2	4.5	4.8	4.8	4.8	4.8	4.7	4.7	4.5	4.4	4.3	4.1	4.1	47.4%
CNG ICE	2.1	4.8	7.0	10.7	13.7	13.6	14.1	14.4	14.8	15.0	15.3	15.6	15.8	16.2	16.1	16.2	16.1	16.3	16.6	16.5	16.5	16.5	16.6	16.5	9.4%
CNG Bi-fuel	0.1	2.5	3.0	3.5	3.8	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.8	3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7	2.6	16.3%
LPG ICE	1.4	3.0	3.8	4.9	5.8	5.8	6.8	7.8	8.5	8.6	8.7	8.9	9.0	9.2	9.2	9.2	9.2	9.3	9.4	9.4	9.4	9.3	9.4	9.3	8.4%
LPG Bi-fuel	0.1	2.5	3.0	3.4	3.6	3.7	3.8	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.1	2.0	16.7%
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	5.0	40.5	49.6	61.4	68.5	69.8	72.5	74.9	76.9	77.6	78.6	80.1	81.0	82.0	80.7	80.7	79.7	79.5	79.8	79.1	78.2	77.4	76.6	75.7	12.5%

Table 40. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
05 - South Atlantic																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.72	4.47	5.41	6.09	6.23	6.29	6.38	6.39	6.34	6.30	6.30	6.25	6.21	6.12	6.11	6.04	5.95	5.88	5.83	5.76	5.67	5.58	5.52	11.4%
Total New Truck Sales	1084	1089	1111	1137	1125	1119	1153	1174	1203	1224	1247	1272	1295	1321	1319	1321	1319	1336	1356	1356	1358	1363	1373	1373	1.0%
Percent Total Alternative Sales	0.45	4.04	4.86	5.78	6.41	6.63	6.72	6.86	6.89	6.81	6.75	6.73	6.68	6.63	6.52	6.48	6.42	6.35	6.30	6.24	6.18	6.13	6.06	6.01	11.9%
EPACT Legislative Alternative Sales	7.46	14.68	22.94	35.02	44.16	47.86	53.07	57.93	61.18	62.00	62.93	63.93	64.88	66.11	66.10	66.11	66.13	67.09	68.20	68.17	68.23	68.43	68.89	68.81	10.1%
ZEVP 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	0.00	0.00	N/A
Total Vehicles Sales	2524	2524	2539	2560	2510	2480	2531	2560	2612	2651	2695	2742	2785	2840	2841	2844	2847	2889	2938	2938	2942	2953	2973	2972	0.7%

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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 41. Light-Duty Vehicle Sales by Technology Type (Thousands)																										
06 - East South Central																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
New Car Sales 1/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	469.2	450.4	443.4	436.2	419.9	409.0	411.2	410.1	413.4	416.1	419.0	421.9	424.0	428.6	426.3	423.3	421.1	425.1	430.0	427.2	424.7	423.3	423.3	420.1	-0.5%	
TDI Diesel ICE	0.2	0.0	0.1	0.1	0.2	0.3	0.4	0.7	1.0	1.5	2.2	3.1	4.1	5.2	6.0	6.7	7.3	7.7	8.1	8.3	8.5	8.6	8.8	8.9	18.6%	
Total Conventional	469.4	450.4	443.5	436.4	420.1	409.3	411.6	410.7	414.4	417.7	421.2	425.1	428.1	433.8	432.3	430.0	428.5	432.8	438.2	435.5	433.2	431.9	432.1	429.0	-0.4%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.1	5.6	6.3	7.0	7.0	6.9	6.4	6.2	6.0	5.7	5.5	5.4	5.3	5.2	4.9	4.8	4.6	4.5	4.5	4.4	4.4	4.4	4.3	4.3	16.4%	
Methanol ICE	0.2	0.3	0.5	0.9	1.2	1.3	1.4	1.6	1.8	2.0	2.1	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	12.6%
Ethanol-Flex Fuel ICE	0.1	4.6	5.2	5.7	5.7	5.6	5.2	4.9	4.8	4.6	4.4	4.3	4.1	4.1	3.9	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.2	16.8%	
Ethanol Ice	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.3	19.7%	
Electric Vehicle	0.0	0.3	0.3	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	12.5%	
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	41.5%	
CNG ICE	0.9	3.0	4.1	5.5	6.3	6.3	6.3	6.5	6.6	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.7	6.8	6.9	6.9	6.8	6.8	6.8	6.7	9.1%	
CNG Bi-fuel	0.1	2.3	2.8	3.2	3.4	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.1	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3	17.2%	
LPG ICE	0.6	2.2	2.7	3.3	3.5	4.1	4.9	5.8	6.3	6.3	6.3	6.4	6.4	6.5	6.5	6.4	6.4	6.5	6.6	6.5	6.4	6.3	6.3	6.2	10.4%	
LPG Bi-fuel	0.0	1.8	2.1	2.4	2.5	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	17.4%	
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	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8	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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	2.1	20.2	24.2	28.5	30.3	30.8	31.6	32.5	33.0	32.8	32.7	32.8	32.8	32.9	32.1	31.7	31.3	31.4	31.6	31.1	30.7	30.4	30.2	29.8	12.3%	
Percent Alternative Car Sales	0.44	4.30	5.18	6.12	6.72	7.01	7.13	7.32	7.37	7.27	7.20	7.17	7.11	7.04	6.92	6.87	6.81	6.75	6.72	6.67	6.62	6.58	6.54	6.50	12.4%	
Total New Car Sales	471.5	470.7	467.7	464.8	450.4	440.1	443.2	443.2	447.4	450.4	453.9	457.9	460.9	466.7	464.4	461.7	459.8	464.2	469.7	466.6	463.9	462.3	462.3	458.8	-0.1%	
New Light-Truck Sales 2/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	353.2	343.7	347.6	350.9	343.2	339.0	346.8	350.4	356.3	360.2	364.0	367.9	371.3	375.3	371.7	369.0	365.8	368.2	371.4	369.1	367.4	366.6	367.2	364.6	0.1%	
TDI Diesel ICE	0.1	0.0	0.1	0.1	0.2	0.3	0.5	0.8	1.3	1.6	2.3	3.2	4.2	5.3	6.0	6.6	7.0	7.3	7.4	7.4	7.4	7.4	7.3	7.4	19.4%	
Total Conventional	353.3	343.7	347.7	351.0	343.4	339.3	347.3	351.3	357.6	361.8	366.3	371.1	375.5	380.5	377.7	375.6	372.9	375.5	378.8	376.6	374.9	374.0	374.5	372.0	0.2%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.1	4.5	5.2	5.9	6.1	6.3	6.2	6.2	6.1	5.9	5.9	5.9	5.8	5.8	5.6	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.0	18.3%	
Methanol Ice	0.2	0.3	0.6	0.9	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	10.4%	
Ethanol-Flex Fuel ICE	0.1	4.2	4.9	5.6	5.8	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.1	4.9	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	17.9%	
Ethanol ICE	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	16.1%	
Electric Vehicle	0.0	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	0.1	0.1	8.1%	
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	46.7%	
CNG ICE	0.7	1.6	2.3	3.5	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.8	4.9	5.0	4.9	4.9	4.8	4.9	4.9	4.9	4.8	4.8	4.8	4.7	8.8%	
CNG Bi-fuel	0.0	0.8	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	15.6%	
LPG ICE	0.5	1.0	1.2	1.6	1.9	1.9	2.2	2.5	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	7.8%	
LPG Bi-fuel	0.0	0.8	1.0	1.1	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	16.3%	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	1.6	13.3	16.3	20.1	22.3	22.7	23.4	24.0	24.5	24.6	24.8	25.1	25.2	25.4	24.8	24.6	24.1	23.9	23.8	23.4	23.0	22.6	22.2	21.8	11.9%	

Table 41. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
06 - East South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.73	4.49	5.42	6.11	6.26	6.32	6.41	6.42	6.37	6.34	6.34	6.29	6.25	6.16	6.15	6.08	5.99	5.91	5.86	5.78	5.70	5.60	5.54	11.4%
Total New Truck Sales	354.9	357.1	364.0	371.1	365.7	362.0	370.7	375.3	382.2	386.4	391.1	396.2	400.7	405.9	402.5	400.2	397.0	399.4	402.6	400.0	397.9	396.6	396.8	393.8	0.5%
Percent Total Alternative Sales	0.45	4.05	4.87	5.81	6.45	6.67	6.76	6.90	6.93	6.86	6.80	6.78	6.73	6.67	6.57	6.53	6.47	6.40	6.35	6.29	6.23	6.17	6.11	6.06	12.0%
EPACT Legislative Alternative Sales	2.44	4.82	7.51	11.44	14.36	15.48	17.07	18.52	19.43	19.57	19.73	19.92	20.07	20.31	20.17	20.03	19.90	20.06	20.25	20.10	19.98	19.91	19.90	19.74	9.5%
ZEVP 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	0.00	0.00	N/A
Total Vehicles Sales	826.4	827.7	831.7	835.9	816.1	802.1	813.9	818.5	829.6	836.8	845.0	854.1	861.6	872.6	866.9	861.9	856.8	863.5	872.4	866.6	861.7	859.0	859.1	852.6	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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 42. Light-Duty Vehicle Sales by Technology Type (Thousands)																										
07 - West South Central																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
New Car Sales 1/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	832.1	800.0	790.0	780.2	754.3	738.5	746.3	748.5	759.1	768.7	778.5	788.4	796.9	810.4	810.6	809.3	809.4	821.1	835.0	833.9	833.7	835.6	840.2	838.4	0.0%	
TDI Diesel ICE	0.3	0.1	0.1	0.2	0.3	0.5	0.8	1.2	1.9	2.8	4.1	5.9	7.8	9.8	11.4	12.8	14.1	15.0	15.8	16.2	16.6	17.0	17.4	17.8	19.2%	
Total Conventional	832.4	800.1	790.2	780.3	754.6	739.0	747.1	749.8	761.1	771.5	782.7	794.2	804.7	820.2	822.0	822.1	823.4	836.0	850.8	850.1	850.3	852.5	857.6	856.2	0.1%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.2	9.4	10.6	11.5	11.5	11.3	10.6	10.3	10.0	9.6	9.3	9.1	8.9	8.8	8.4	8.3	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0	7.9	16.8%
Methanol ICE	0.3	0.6	0.9	1.5	2.0	2.2	2.4	2.7	3.0	3.3	3.6	3.8	4.0	4.1	4.1	4.1	4.2	4.3	4.4	4.4	4.3	4.3	4.3	4.3	4.3	12.2%
Ethanol-Flex Fuel ICE	0.2	7.8	8.7	9.4	9.5	9.3	8.6	8.3	8.0	7.7	7.4	7.3	7.1	7.0	6.7	6.5	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	17.3%
Ethanol Ice	0.0	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.5	1.7	1.9	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.5	2.5	2.4	2.4	2.3	2.3	19.9%
Electric Vehicle	0.1	0.5	0.6	0.7	0.7	0.7	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	1.1	1.0	1.0	1.0	0.9	13.2%	
Electric-Diesel Hybrid	0.0	0.0	0.0	0.1	0.1	0.1	0.5	0.7	0.9	1.0	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	42.2%
CNG ICE	1.6	5.7	7.7	10.3	11.9	11.9	12.2	12.5	12.8	13.0	13.3	13.5	13.8	14.2	14.3	14.4	14.7	15.1	15.6	15.5	15.4	15.5	15.5	15.5	15.5	10.3%
CNG Bi-fuel	0.1	4.0	4.9	5.6	5.9	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.6	5.5	5.3	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.5	17.7%
LPG ICE	1.1	4.9	5.9	7.6	8.3	9.5	11.2	13.1	14.2	14.5	14.8	15.4	15.8	16.3	16.5	16.7	16.8	16.9	17.2	17.0	16.8	16.7	16.7	16.6	16.6	12.3%
LPG Bi-fuel	0.1	3.1	3.6	4.3	4.5	4.5	4.3	4.2	4.0	3.9	3.7	3.7	3.5	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.7	18.5%
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	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4	1.5	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	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	3.7	36.0	43.2	51.2	54.8	56.2	58.0	60.1	61.5	61.6	61.9	62.9	63.4	64.3	63.7	63.6	63.6	64.4	65.4	64.8	64.2	64.0	63.9	63.5	13.2%	
Percent Alternative Car Sales	0.44	4.31	5.18	6.16	6.77	7.07	7.21	7.42	7.47	7.39	7.33	7.34	7.31	7.27	7.19	7.18	7.17	7.16	7.14	7.09	7.02	6.99	6.94	6.90	12.7%	
Total New Car Sales	836.1	836.1	833.3	831.6	809.4	795.2	805.1	809.8	822.5	833.1	844.6	857.1	868.1	884.5	885.7	885.8	887.1	900.5	916.2	914.9	914.6	916.6	921.6	919.7	0.4%	
New Light-Truck Sales 2/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	626.2	610.6	619.5	628.0	617.1	612.8	630.3	640.7	655.4	666.7	677.8	689.0	699.6	711.6	709.1	708.1	706.0	714.5	724.5	724.0	724.6	727.1	732.2	731.2	0.7%	
TDI Diesel ICE	0.2	0.1	0.1	0.2	0.3	0.6	0.9	1.5	2.4	2.9	4.3	6.1	8.0	10.0	11.6	12.7	13.6	14.1	14.6	14.6	14.7	14.7	14.7	14.8	20.0%	
Total Conventional	626.5	610.7	619.7	628.2	617.4	613.4	631.2	642.2	657.8	669.6	682.1	695.1	707.6	721.6	720.6	720.8	719.6	728.6	739.0	738.6	739.3	741.7	746.9	746.0	0.8%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.2	7.9	9.0	10.2	10.5	10.9	10.8	10.8	10.7	10.4	10.4	10.4	10.4	10.4	10.1	10.3	10.1	10.0	10.0	9.9	9.7	9.6	9.6	9.4	18.7%	
Methanol Ice	0.4	0.6	1.0	1.7	2.3	2.4	2.5	2.7	2.9	3.0	3.2	3.3	3.4	3.5	3.5	3.5	3.5	3.6	3.7	3.7	3.6	3.6	3.6	3.6	10.5%	
Ethanol-Flex Fuel ICE	0.2	7.2	8.5	9.6	10.1	10.1	9.9	9.8	9.7	9.5	9.3	9.3	9.2	9.2	8.9	8.6	8.4	8.3	8.2	8.0	7.9	7.7	7.5	7.4	18.4%	
Ethanol ICE	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	16.4%
Electric Vehicle	0.0	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	0.1	0.1	0.1	0.1	0.1	0.1	8.7%	
Electric-Diesel Hybrid	0.0	0.0	0.0	0.1	0.1	0.2	0.8	1.1	1.5	1.9	2.2	2.6	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.5	47.6%	
CNG ICE	1.2	2.9	4.2	6.4	8.2	8.1	8.4	8.6	8.9	9.0	9.2	9.4	9.6	9.8	9.8	9.8	9.9	10.0	10.2	10.1	10.1	10.1	10.1	10.0	9.6%	
CNG Bi-fuel	0.0	1.4	1.7	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	15.9%	
LPG ICE	0.8	2.0	2.6	3.4	3.9	4.0	4.6	5.3	5.7	5.9	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	9.1%	
LPG Bi-fuel	0.0	1.4	1.7	2.0	2.1	2.2	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	16.8%	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	2.9	23.6	29.0	35.8	39.9	40.6	42.2	43.6	44.8	45.2	45.7	46.6	47.1	47.7	46.9	46.9	46.3	46.2	46.3	45.8	45.1	44.6	44.0	43.4	12.5%	

Table 42. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
07 - West South Central																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.72	4.47	5.38	6.07	6.21	6.27	6.36	6.37	6.32	6.28	6.29	6.24	6.20	6.11	6.11	6.04	5.96	5.89	5.83	5.75	5.67	5.57	5.50	11.4%
Total New Truck Sales	629.4	634.3	648.6	664.0	657.3	654.0	673.4	685.8	702.6	714.7	727.8	741.7	754.7	769.3	767.6	767.7	765.9	774.8	785.3	784.4	784.4	786.3	790.9	789.4	1.0%
Percent Total Alternative Sales	0.45	4.05	4.87	5.82	6.45	6.68	6.78	6.93	6.96	6.90	6.85	6.85	6.81	6.77	6.69	6.68	6.65	6.60	6.57	6.51	6.44	6.38	6.31	6.26	12.1%
EPACT Legislative Alternative Sales	4.33	8.56	13.39	20.46	25.81	27.97	31.01	33.83	35.73	36.20	36.72	37.28	37.81	38.50	38.47	38.43	38.40	38.91	39.50	39.42	39.40	39.47	39.68	39.58	10.1%
ZEVP 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	0.00	0.00	N/A
Total Vehicles Sales	1465	1470	1482	1496	1467	1449	1478	1496	1525	1548	1572	1599	1623	1654	1653	1653	1653	1675	1702	1699	1699	1703	1713	1709	0.7%

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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 43. Light-Duty Vehicle Sales by Technology Type (Thousands)																										
08 - Mountain																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
New Car Sales 1/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	456.2	443.3	446.1	451.7	444.6	441.7	450.7	455.4	464.3	472.4	480.9	489.9	498.7	510.9	515.1	518.6	522.9	534.9	548.3	552.3	557.1	563.1	571.0	574.5	1.0%	
TDI Diesel ICE	0.2	0.0	0.1	0.1	0.2	0.3	0.5	0.7	1.2	1.7	2.5	3.6	4.8	6.1	7.2	8.1	8.9	9.6	10.2	10.6	10.9	11.2	11.6	11.9	20.2%	
Total Conventional	456.4	443.4	446.2	451.9	444.8	441.9	451.2	456.1	465.4	474.1	483.4	493.5	503.5	517.0	522.3	526.7	531.9	544.4	558.6	562.9	567.9	574.4	582.6	586.4	1.1%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.1	5.4	6.2	6.9	7.0	7.0	6.6	6.4	6.2	5.9	5.7	5.6	5.5	5.4	5.1	5.0	4.9	4.8	4.8	4.8	4.8	4.9	4.9	4.9	17.3%	
Methanol ICE	0.2	0.4	0.6	0.9	1.3	1.4	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.6	3.7	3.9	4.0	4.2	4.4	4.4	4.4	4.4	4.5	4.5	15.4%	
Ethanol-Flex Fuel ICE	0.1	4.5	5.1	5.5	5.6	5.6	5.2	5.0	4.8	4.5	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	17.5%	
Ethanol Ice	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.9	1.9	2.0	2.1	2.2	2.3	2.2	2.2	2.2	2.1	2.1	22.5%	
Electric Vehicle	0.0	0.2	0.3	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	13.4%	
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	42.6%	
CNG ICE	0.9	3.2	4.4	5.9	6.9	7.0	7.3	7.5	7.7	7.8	8.0	8.2	8.4	8.7	8.8	8.9	9.1	9.3	9.7	9.7	9.8	9.8	9.9	10.0	11.1%	
CNG Bi-fuel	0.1	2.3	2.8	3.2	3.5	3.6	3.6	3.6	3.5	3.4	3.3	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	18.1%	
LPG ICE	0.6	2.4	3.0	3.7	4.0	4.7	5.8	6.8	7.5	7.6	7.7	7.9	8.1	8.4	8.5	8.6	8.7	9.0	9.3	9.3	9.3	9.3	9.4	9.4	12.5%	
LPG Bi-fuel	0.0	1.8	2.1	2.4	2.6	2.6	2.5	2.4	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	18.5%	
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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9	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	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	2.0	20.2	24.7	29.2	31.7	32.9	34.1	35.5	36.4	36.5	36.9	37.5	38.0	38.8	38.6	38.7	38.9	39.6	40.6	40.5	40.5	40.7	40.9	40.8	13.9%	
Percent Alternative Car Sales	0.44	4.37	5.25	6.07	6.66	6.93	7.03	7.22	7.26	7.15	7.08	7.07	7.03	6.97	6.88	6.84	6.81	6.78	6.77	6.72	6.66	6.61	6.56	6.51	12.4%	
Total New Car Sales	458.4	463.6	470.9	481.1	476.5	474.9	485.3	491.6	501.9	510.7	520.3	531.0	541.5	555.8	560.8	565.4	570.8	584.0	599.1	603.4	608.5	615.0	623.5	627.2	1.4%	
New Light-Truck Sales 2/																										
Conventional Vehicles																										
Gasoline ICE Vehicles	343.4	338.4	349.9	363.5	363.5	366.2	380.2	389.2	400.2	409.0	417.9	427.3	436.8	447.5	449.4	452.4	454.7	463.8	474.2	477.9	482.5	488.3	495.7	499.1	1.6%	
TDI Diesel ICE	0.1	0.0	0.1	0.1	0.2	0.3	0.5	0.9	1.5	1.8	2.6	3.7	5.0	6.2	7.2	8.0	8.6	9.0	9.4	9.5	9.6	9.7	9.7	9.9	21.1%	
Total Conventional	343.5	338.5	349.9	363.6	363.7	366.5	380.7	390.1	401.7	410.8	420.5	431.0	441.7	453.7	456.6	460.4	463.3	472.8	483.5	487.4	492.1	497.9	505.5	509.0	1.7%	
Alternative-Fuel Vehicles																										
Methanol-Flex Fuel ICE	0.1	4.5	5.2	6.0	6.3	6.6	6.6	6.6	6.6	6.4	6.4	6.5	6.5	6.5	6.3	6.5	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.3	19.7%	
Methanol Ice	0.2	0.3	0.6	1.0	1.4	1.5	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.7	2.8	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.2	3.2	12.7%
Ethanol-Flex Fuel ICE	0.1	4.1	4.9	5.5	5.8	5.9	5.8	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.1	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	18.9%	
Ethanol ICE	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	19.3%	
Electric Vehicle	0.0	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	0.1	0.1	9.7%	
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.7	0.9	1.1	1.4	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	48.8%	
CNG ICE	0.7	1.6	2.4	3.7	4.8	4.8	5.1	5.2	5.4	5.5	5.6	5.8	5.9	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.6	6.7	6.7	10.5%	
CNG Bi-fuel	0.0	0.8	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	16.4%	
LPG ICE	0.5	1.0	1.3	1.8	2.1	2.1	2.5	2.9	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.6	3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.9	9.7%	
LPG Bi-fuel	0.0	0.8	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	17.2%	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A	
Total Alternatives	1.6	13.3	16.6	20.5	23.3	24.0	25.2	26.2	27.0	27.3	27.8	28.5	29.0	29.6	29.4	29.6	29.5	29.7	30.0	30.0	29.8	29.7	29.6	29.5	13.5%	

Table 43. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
08 - Mountain																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.78	4.53	5.34	6.01	6.15	6.20	6.28	6.29	6.23	6.20	6.21	6.17	6.13	6.05	6.04	5.98	5.90	5.85	5.79	5.71	5.63	5.54	5.47	11.3%
Total New Truck Sales	345.1	351.7	366.5	384.1	386.9	390.5	405.9	416.3	428.7	438.1	448.3	459.6	470.8	483.4	486.0	490.0	492.8	502.5	513.5	517.3	521.9	527.6	535.1	538.4	2.0%
Percent Total Alternative Sales	0.45	4.11	4.93	5.75	6.37	6.58	6.65	6.79	6.81	6.73	6.68	6.67	6.63	6.58	6.49	6.47	6.43	6.37	6.35	6.29	6.22	6.16	6.09	6.03	11.9%
EPACT Legislative Alternative Sales	2.38	4.74	7.57	11.84	15.19	16.70	18.69	20.54	21.80	22.19	22.62	23.10	23.58	24.19	24.36	24.53	24.71	25.24	25.83	26.00	26.21	26.48	26.84	26.99	11.1%
ZEVP 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	0.00	0.00	N/A
Total Vehicles Sales	803.5	815.4	837.5	865.2	863.4	865.4	891.2	907.9	930.5	948.7	968.6	990.6	1012	1039	1047	1055	1064	1087	1113	1121	1130	1143	1159	1166	1.6%

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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 44. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
09 - Pacific																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
New Car Sales 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	1224	1174	1157	1142	1104	1081	945	943	954	963	974	986	996	1013	1012	1010	1010	1024	1042	1040	1040	1042	1050	1048	-0.7%
TDI Diesel ICE	0.5	0.1	0.2	0.3	0.4	0.7	1.1	1.8	2.9	4.2	6.2	8.7	11.6	14.5	16.7	18.8	20.5	22.1	23.3	24.1	24.8	25.5	25.7	26.1	19.2%
Total Conventional	1225	1174	1158	1143	1105	1081	946	945	957	968	980	995	1008	1027	1029	1029	1030	1046	1065	1064	1065	1068	1075	1074	-0.6%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.3	14.1	15.8	17.4	17.5	17.0	15.8	15.2	14.5	13.9	13.4	13.0	12.6	12.4	11.9	11.6	11.3	11.3	11.4	11.3	11.3	11.3	11.3	11.3	16.6%
Methanol ICE	0.4	1.0	1.5	2.5	3.4	3.9	4.6	5.6	6.6	7.8	9.0	10.1	11.1	11.9	12.4	12.8	13.0	13.3	13.4	13.4	13.4	13.4	13.3	13.3	15.9%
Ethanol-Flex Fuel ICE	0.2	11.7	13.0	13.9	13.9	13.4	12.3	11.6	11.0	10.5	10.0	9.7	9.3	9.1	8.7	8.3	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	16.5%
Ethanol Ice	0.1	0.2	0.4	0.6	0.8	1.1	1.4	1.8	2.3	2.7	3.2	3.6	3.9	4.3	4.5	4.6	4.8	5.1	5.3	5.2	5.1	5.0	4.9	4.7	21.6%
Electric Vehicle	0.1	0.6	0.8	0.9	0.9	0.9	148.9	153.2	158.2	162.2	166.0	168.6	170.8	173.9	174.0	174.1	174.4	176.9	180.0	180.1	180.4	181.1	182.2	182.1	40.1%
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.1	0.1	0.8	1.0	1.3	1.5	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.2	41.4%
CNG ICE	2.4	8.3	11.2	14.9	17.1	17.1	17.5	17.9	18.3	18.6	18.9	19.2	19.5	20.0	20.1	20.2	20.5	21.1	21.7	21.6	21.5	21.5	21.5	21.4	10.0%
CNG Bi-fuel	0.2	5.8	7.0	8.0	8.4	8.5	8.3	8.2	8.0	7.7	7.5	7.3	7.3	7.1	6.7	6.5	6.3	6.2	6.2	6.1	5.9	5.8	5.7	5.6	17.0%
LPG ICE	1.7	7.1	8.7	10.7	11.5	13.3	15.6	18.2	19.7	20.0	20.3	20.9	21.3	21.6	21.7	21.8	21.8	22.1	22.3	22.0	21.9	21.8	21.7	21.5	11.7%
LPG Bi-fuel	0.1	4.5	5.2	6.1	6.3	6.2	5.9	5.6	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.6	3.6	3.4	3.4	3.3	3.2	3.1	17.2%
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	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	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	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.2	1.3	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	5.4	53.2	63.6	75.1	80.0	81.5	231.1	238.1	245.2	249.9	254.7	258.9	262.3	266.7	266.4	266.5	266.9	271.0	275.3	275.0	274.6	275.1	275.8	275.1	18.6%
Percent Alternative Car Sales	0.44	4.34	5.21	6.17	6.75	7.01	19.63	20.12	20.41	20.53	20.62	20.64	20.66	20.61	20.56	20.58	20.58	20.58	20.54	20.53	20.50	20.48	20.41	20.39	18.1%
Total New Car Sales	1230	1227	1221	1218	1184	1163	1177	1183	1202	1217	1235	1254	1270	1294	1295	1295	1297	1317	1340	1339	1339	1343	1351	1349	0.4%
New Light-Truck Sales 2/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	921.4	895.6	907.4	918.8	902.3	895.5	901.5	919.6	943.2	961.5	979.7	996.9	1012	1030	1026	1025	1023	1035	1051	1051	1053	1058	1067	1067	0.6%
TDI Diesel ICE	0.3	0.1	0.2	0.3	0.5	0.8	1.3	2.2	3.6	4.3	6.4	9.1	12.0	14.8	16.9	18.7	19.8	20.9	21.5	21.8	22.0	22.0	21.6	21.7	20.0%
Total Conventional	922	896	908	919	903	896	903	922	947	966	986	1006	1024	1045	1043	1044	1043	1056	1072	1073	1075	1080	1089	1089	0.7%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	0.3	11.8	13.5	15.7	16.3	16.7	16.5	16.3	16.1	16.0	16.0	16.0	16.0	16.0	15.7	16.1	15.8	15.8	15.8	15.9	15.7	15.6	15.4	15.2	19.2%
Methanol Ice	0.5	0.9	1.5	2.5	3.5	3.7	4.1	4.5	5.0	5.5	6.1	6.6	7.0	7.4	7.5	7.7	7.8	7.9	7.9	7.9	7.9	7.8	7.8	7.8	12.3%
Ethanol-Flex Fuel ICE	0.2	10.8	12.7	14.2	14.7	14.7	14.3	14.1	13.8	13.5	13.2	13.1	12.9	12.8	12.3	11.9	11.6	11.5	11.3	11.1	10.9	10.6	10.4	10.1	18.0%
Ethanol ICE	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.7	2.0	2.2	2.4	2.6	2.8	2.9	3.0	3.2	3.3	3.3	3.3	3.3	3.3	3.3	18.0%
Electric Vehicle	0.0	0.1	0.2	0.2	0.2	0.2	19.5	16.3	14.0	11.8	10.1	9.9	9.8	9.6	9.0	8.3	7.5	7.0	6.4	5.5	4.8	4.2	3.6	3.0	22.4%
Electric-Diesel Hybrid	0.0	0.0	0.1	0.1	0.2	0.2	1.1	1.6	2.3	2.9	3.4	3.9	4.2	4.4	4.3	4.4	4.3	4.3	4.3	4.2	4.1	4.0	3.8	3.7	47.8%
CNG ICE	1.8	4.2	6.2	9.3	11.9	11.8	12.2	12.5	12.9	13.1	13.3	13.6	13.8	14.1	14.1	14.1	14.1	14.4	14.6	14.5	14.5	14.5	14.5	14.4	9.5%
CNG Bi-fuel	0.1	2.0	2.4	2.8	3.0	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.8	1.7	15.3%
LPG ICE	1.2	3.0	3.7	4.9	5.6	5.7	6.6	7.5	8.1	8.3	8.5	8.7	8.9	9.0	9.0	9.1	9.0	9.1	9.0	8.9	8.9	8.9	8.9	8.8	8.9%
LPG Bi-fuel	0.0	2.0	2.4	2.8	3.0	3.0	3.0	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	16.0%
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	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	0.0	0.0	0.0	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
Total Alternatives	4.3	35.1	43.0	53.1	59.1	60.0	81.4	80.3	79.7	78.6	78.0	79.2	80.1	80.9	79.4	78.9	77.3	77.1	76.8	75.3	73.8	72.5	71.0	69.5	12.9%

Table 44. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
09 - Pacific																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.77	4.52	5.46	6.14	6.27	8.27	8.01	7.77	7.53	7.33	7.30	7.25	7.18	7.07	7.03	6.90	6.81	6.68	6.56	6.42	6.29	6.12	6.00	11.8%
Total New Truck Sales	926.0	930.8	950.5	972.2	961.8	956.3	984.2	1002	1026	1044	1064	1085	1104	1125	1123	1123	1120	1133	1149	1148	1149	1152	1160	1158	1.0%
Percent Total Alternative Sales	0.45	4.09	4.91	5.85	6.48	6.68	14.46	14.57	14.58	14.53	14.47	14.45	14.42	14.37	14.30	14.29	14.24	14.21	14.14	14.08	14.00	13.93	13.81	13.74	16.0%
EPACT Legislative Alternative Sales	6.38	12.56	19.62	29.96	37.76	40.90	45.33	49.44	52.20	52.90	53.69	54.54	55.31	56.32	56.26	56.20	56.15	56.90	57.79	57.71	57.70	57.83	58.17	58.06	10.1%
ZEVP Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	167.7	168.9	171.5	173.4	175.5	177.8	180.0	182.8	182.3	181.7	181.2	183.2	185.6	184.9	184.5	184.5	185.2	184.3	N/A
Total Vehicles Sales	2156	2158	2172	2190	2146	2119	2161	2185	2228	2262	2299	2339	2374	2419	2418	2418	2417	2450	2489	2487	2488	2495	2511	2507	0.7%

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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 45. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
United States Total																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
New Car Sales 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	7732	7402	7289	7186	6932	6770	6592	6584	6649	6707	6769	6835	6888	6984	6966	6936	6919	7001	7103	7075	7056	7054	7076	7043	-0.4%
TDI Diesel ICE	2.9	0.7	1.1	1.7	2.8	4.3	6.9	11.0	17.2	25.2	37.0	52.2	68.9	86.5	100.1	112.3	122.3	130.2	137.1	140.4	143.2	146.1	149.1	151.6	18.7%
Total Conventional	7735	7403	7290	7188	6935	6774	6599	6595	6667	6733	6806	6887	6956	7070	7066	7048	7041	7131	7240	7215	7199	7200	7225	7195	-0.3%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	2.1	91.0	102.6	113.3	113.8	111.9	104.4	100.8	97.2	93.2	90.0	87.9	85.7	84.2	80.4	78.0	76.1	75.1	74.6	73.9	73.4	73.2	73.1	72.8	16.6%
Methanol ICE	2.8	5.8	9.0	14.5	19.6	21.6	24.4	28.1	32.3	36.2	40.2	44.0	47.0	49.7	50.6	51.8	52.6	54.1	55.6	55.3	54.7	54.5	54.3	53.9	13.7%
Ethanol-Flex Fuel ICE	1.5	75.4	84.5	91.3	92.0	89.5	82.7	79.0	75.8	72.6	69.6	67.9	65.5	64.4	61.6	58.9	57.2	56.4	55.5	54.5	53.8	53.2	52.7	51.9	16.8%
Ethanol Ice	0.3	1.3	2.1	3.5	5.0	6.5	8.2	10.6	13.3	15.8	18.3	20.7	22.3	24.0	24.7	25.1	25.4	26.3	27.0	26.4	25.8	25.2	24.8	24.1	20.5%
Electric Vehicle	0.5	4.1	5.0	5.8	6.0	5.9	242.1	249.4	257.5	264.0	270.2	274.3	277.6	282.3	282.4	282.4	282.8	286.6	291.4	291.4	291.6	292.4	294.1	293.7	32.0%
Electric-Diesel Hybrid	0.0	0.3	0.4	0.5	0.7	1.0	5.2	6.7	8.4	9.7	10.7	11.4	11.7	11.8	11.3	11.0	10.7	10.4	10.1	9.6	9.3	8.9	8.6	8.2	41.5%
CNG ICE	15.1	50.5	68.9	91.8	105.5	105.3	107.4	109.4	111.6	112.3	113.6	115.1	116.5	118.6	118.7	119.0	119.5	121.8	124.7	123.8	123.1	122.9	123.0	122.4	9.5%
CNG Bi-fuel	1.0	37.7	45.6	52.4	55.5	56.7	55.7	55.1	54.1	52.8	51.5	50.5	50.7	49.4	47.0	45.2	43.8	42.8	42.2	41.1	40.1	39.3	38.6	37.7	17.2%
LPG ICE	10.6	38.8	47.2	57.0	61.4	71.5	86.0	101.5	110.0	110.6	111.8	114.0	115.3	117.2	117.1	117.5	117.3	118.6	120.5	119.2	117.7	117.0	116.6	115.4	11.0%
LPG Bi-fuel	0.5	29.0	34.0	38.4	40.0	39.9	37.8	36.4	35.0	33.4	32.0	31.1	30.0	28.9	27.2	26.2	25.2	24.4	24.0	23.1	22.4	21.8	21.2	20.5	17.3%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	2.8	4.0	5.2	6.6	7.9	9.0	10.1	11.3	12.4	13.2	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	0.1	0.2	0.4	0.7	1.1	1.6	2.1	2.6	3.2	3.6	3.9	4.2	4.4	4.6	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	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	N/A
Total Alternatives	34.4	333.8	399.3	468.5	499.5	509.7	754.0	777.0	795.3	801.0	808.3	817.7	823.8	833.2	825.1	820.8	817.9	826.0	836.8	831.2	826.2	824.2	823.9	818.6	14.8%
Percent Alternative Car Sales	0.44	4.32	5.19	6.12	6.72	7.00	10.26	10.54	10.66	10.63	10.62	10.61	10.59	10.54	10.46	10.43	10.41	10.38	10.36	10.33	10.29	10.27	10.24	10.21	14.6%
Total New Car Sales	7769	7737	7690	7657	7435	7284	7353	7372	7462	7534	7615	7705	7780	7903	7891	7869	7859	7957	8076	8047	8025	8024	8049	8014	0.1%
New Light-Truck Sales 2/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	5819.4	5648.9	5715.0	5780.1	5665.4	5610.9	5721.5	5803.3	5921.2	6006.7	6091.6	6175.5	6251.3	6340.4	6300.5	6275.0	6241.6	6299.9	6374.2	6356.1	6348.7	6356.0	6387.3	6364.4	0.4%
TDI Diesel ICE	2.1	0.7	1.1	1.9	3.1	5.0	8.2	13.5	21.5	25.9	38.1	53.9	70.9	88.1	100.9	110.9	117.8	122.2	125.5	126.1	125.8	125.6	124.9	125.7	19.5%
Total Conventional	5821	5650	5716	5782	5669	5616	5730	5817	5943	6033	6130	6229	6322	6428	6401	6386	6359	6422	6500	6482	6474	6482	6512	6490	0.5%
Alternative-Fuel Vehicles																									
Methanol-Flex Fuel ICE	1.7	74.4	84.9	98.0	101.2	104.3	102.9	102.5	101.6	99.5	98.5	98.6	98.3	98.3	95.3	97.3	95.2	94.2	93.8	93.8	92.3	91.0	89.5	88.2	18.7%
Methanol Ice	3.4	5.6	9.2	15.6	21.6	22.2	23.9	25.7	27.9	29.8	31.8	33.6	35.1	36.5	36.9	37.4	37.5	38.2	38.9	38.7	38.4	38.3	38.2	37.9	11.0%
Ethanol-Flex Fuel ICE	1.4	68.5	80.4	90.3	93.9	94.4	92.1	90.9	89.4	87.3	85.4	85.1	83.6	83.2	80.3	77.5	75.1	74.0	72.7	70.9	69.3	67.6	66.0	64.4	18.0%
Ethanol ICE	0.5	1.0	1.7	2.8	4.0	4.7	5.7	7.0	8.5	10.0	11.4	12.7	13.8	14.8	15.2	15.7	16.0	16.5	17.1	17.0	16.8	16.8	16.7	16.5	16.9%
Electric Vehicle	0.2	0.9	1.1	1.3	1.4	1.4	34.1	28.5	24.4	20.7	17.7	17.3	17.2	16.9	15.8	14.7	13.3	12.6	11.6	10.2	9.0	7.9	6.9	5.8	16.3%
Electric-Diesel Hybrid	0.0	0.3	0.4	0.6	0.9	1.4	6.7	9.8	13.3	16.8	19.8	22.6	24.3	25.5	25.4	25.4	25.1	24.7	24.5	23.7	23.0	22.3	21.3	21.0	47.0%
CNG ICE	11.3	26.0	38.2	57.8	73.9	73.4	75.7	77.3	79.1	80.0	81.2	82.4	83.7	85.0	84.6	84.5	84.2	85.1	86.1	85.6	85.1	84.8	84.8	84.2	9.1%
CNG Bi-fuel	0.4	13.1	16.0	18.5	19.7	20.3	20.7	20.7	20.5	20.2	19.7	19.3	18.8	18.4	17.5	16.8	16.0	15.4	14.8	14.3	13.7	13.2	12.6	12.0	15.6%
LPG ICE	7.8	17.0	21.4	27.9	32.5	32.5	38.0	43.5	46.8	47.4	48.1	49.0	49.8	50.6	50.4	50.3	50.0	50.4	50.8	50.3	49.9	49.6	49.4	48.9	8.3%
LPG Bi-fuel	0.3	13.1	15.9	18.3	19.5	19.9	20.0	19.8	19.5	18.8	18.2	17.6	17.0	16.3	15.3	14.4	13.6	12.9	12.2	11.6	11.1	10.5	9.9	9.4	16.2%
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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total Alternatives	27.1	219.8	269.1	331.3	368.7	374.5	419.9	425.9	431.1	430.5	431.8	438.2	441.5	445.5	436.6	434.1	426.2	424.0	422.8	416.4	408.8	402.2	395.8	388.6	12.3%

Table 45. Light-Duty Vehicle Sales by Technology Type (Thousands)																									
United States Total																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Percent Alternative Light-Truck Sales	0.46	3.74	4.50	5.42	6.11	6.25	6.83	6.82	6.76	6.66	6.58	6.57	6.53	6.48	6.39	6.37	6.28	6.19	6.11	6.04	5.94	5.84	5.73	5.65	11.5%
Total New Truck Sales	5849	5869	5985	6113	6037	5990	6150	6243	6374	6463	6561	6668	6764	6874	6838	6820	6786	6846	6923	6898	6883	6884	6908	6879	0.7%
Percent Total Alternative Sales	0.45	4.07	4.89	5.81	6.45	6.66	8.69	8.84	8.86	8.80	8.75	8.74	8.70	8.65	8.57	8.54	8.50	8.44	8.40	8.35	8.28	8.23	8.15	8.11	13.4%
EPACT Legislative Alternative Sales	40.27	79.17	123.6	188.4	237.0	256.2	283.2	308.0	324.1	327.3	331.0	335.1	338.8	344.0	342.7	341.4	340.2	343.8	348.2	346.7	345.7	345.5	346.5	344.8	9.8%
ZEVP Legislative Alternative Sales	0.00	0.00	0.00	0.00	0.00	0.00	266.0	267.7	271.8	274.8	278.1	281.8	285.1	289.6	288.8	287.9	287.1	290.3	294.2	293.2	292.5	292.5	293.5	292.2	N/A
Total Vehicles Sales	13618	13606	13675	13770	13472	13274	13502	13614	13836	13997	14176	14372	14544	14777	14729	14689	14644	14803	14999	14945	14908	14908	14957	14892	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.

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

Altern. = Alternative

N/A = Not applicable.

Sources: 1997 derived using: California Air Resources Board, "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; US Department of Energy, Argonne National Laboratory, National Alternative-Fuel Survey, Model Version 28, July 21, 1998; Energy Information Administration (EIA), Describing Current and Potential Markets Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 46. Light-Duty Vehicle Stock by Technology Type (Millions)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Light-Duty Car Stock 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	126.9	128.8	130.6	132.1	133.3	134.3	135.0	135.6	136.3	137.0	137.7	138.4	139.2	140.1	140.9	141.6	142.3	143.1	143.9	144.6	145.3	145.9	146.6	147.2	0.6%
TDI Diesel ICE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	11.8%
Total Conventional	127.0	129.0	130.7	132.2	133.4	134.4	135.1	135.7	136.4	137.1	137.9	138.7	139.5	140.4	141.3	142.2	143.0	143.8	144.8	145.6	146.4	147.2	148.0	148.6	0.7%
Alternative-Fuel Vehicles																									
Alcohol Fuel Technology																									
Methanol-Flex Fuel ICE	0.02	0.12	0.23	0.35	0.47	0.59	0.70	0.80	0.89	0.97	1.03	1.09	1.14	1.19	1.23	1.27	1.30	1.33	1.35	1.38	1.40	1.42	1.44	1.46	19.6%
Methanol ICE	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.04	0.05	0.07	0.09	0.12	0.15	0.18	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.40	0.43	0.45	46.2%
Ethanol-Flex Fuel ICE	0.02	0.09	0.18	0.27	0.36	0.45	0.53	0.61	0.69	0.75	0.81	0.87	0.92	0.96	1.00	1.03	1.06	1.09	1.12	1.14	1.16	1.18	1.20	1.22	20.3%
Ethanol Ice	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.27	0.28	0.29	45.8%
Natural Gas Technology																									
CNG ICE	0.04	0.09	0.16	0.25	0.35	0.46	0.56	0.66	0.76	0.85	0.94	1.03	1.11	1.19	1.27	1.34	1.41	1.48	1.55	1.62	1.68	1.73	1.79	1.84	17.5%
CNG Bi-fuel	0.01	0.04	0.09	0.14	0.20	0.25	0.30	0.35	0.40	0.44	0.48	0.52	0.55	0.58	0.61	0.63	0.65	0.67	0.68	0.70	0.71	0.72	0.73	0.74	23.0%
LPG ICE	0.06	0.10	0.14	0.19	0.25	0.32	0.40	0.49	0.59	0.68	0.77	0.86	0.94	1.02	1.10	1.17	1.24	1.31	1.37	1.43	1.49	1.54	1.59	1.64	15.5%
LPG Bi-fuel	0.00	0.03	0.07	0.10	0.14	0.18	0.22	0.25	0.28	0.31	0.33	0.35	0.37	0.38	0.40	0.41	0.42	0.42	0.43	0.44	0.44	0.44	0.45	0.45	22.9%
Electric Technology																									
Electric Vehicle	0.00	0.01	0.01	0.02	0.02	0.03	0.27	0.52	0.77	1.03	1.29	1.55	1.80	2.05	2.28	2.49	2.70	2.90	3.09	3.27	3.45	3.61	3.77	3.93	37.6%
Electric-Diesel Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.13	0.13	0.14	45.5%
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	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	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	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	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	0.00	0.00	0.00	N/A
Total Alternatives	0.16	0.49	0.88	1.34	1.82	2.31	3.03	3.76	4.49	5.19	5.87	6.52	7.15	7.76	8.33	8.86	9.35	9.84	10.30	10.74	11.15	11.54	11.91	12.26	20.8%
Total Car Stock	127.2	129.4	131.6	133.6	135.2	136.7	138.1	139.5	140.9	142.3	143.7	145.2	146.6	148.2	149.7	151.0	152.3	153.7	155.1	156.4	157.6	158.7	159.9	160.9	1.0%
Light-Duty Truck Stock 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	54.77	56.40	58.14	60.02	61.83	63.61	65.45	67.27	69.08	70.99	72.72	74.34	75.85	77.29	78.56	79.69	80.68	81.62	82.53	83.34	84.04	84.66	85.24	85.71	2.0%
TDI Diesel ICE	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.07	0.10	0.13	0.18	0.25	0.33	0.43	0.54	0.64	0.76	0.87	0.97	1.08	1.17	1.25	1.33	16.0%
Total Conventional	54.81	56.44	58.18	60.06	61.87	63.64	65.49	67.33	69.16	71.08	72.86	74.52	76.10	77.62	78.99	80.22	81.32	82.37	83.40	84.31	85.11	85.83	86.49	87.04	2.0%
Alternative-Fuel Vehicles																									
Alcohol Fuel Technology																									
Methanol-Flex Fuel ICE	0.02	0.10	0.19	0.30	0.42	0.54	0.66	0.77	0.88	0.97	1.06	1.14	1.21	1.27	1.31	1.35	1.38	1.41	1.43	1.44	1.45	1.46	1.46	1.46	20.7%
Methanol ICE	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.17	0.18	46.6%
Ethanol-Flex Fuel ICE	0.01	0.08	0.16	0.25	0.35	0.45	0.54	0.63	0.73	0.82	0.91	0.99	1.05	1.11	1.15	1.19	1.21	1.23	1.24	1.25	1.25	1.25	1.25	1.24	23.0%
Ethanol Ice	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.15	0.16	46.5%
Natural Gas Technology																									
CNG ICE	0.05	0.07	0.11	0.16	0.23	0.30	0.37	0.45	0.52	0.59	0.66	0.73	0.79	0.85	0.90	0.94	0.98	1.01	1.04	1.07	1.09	1.11	1.13	1.14	15.0%
CNG Bi-fuel	0.00	0.02	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.18	0.20	0.21	0.22	0.23	0.23	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.22	22.2%
LPG ICE	0.15	0.16	0.17	0.18	0.20	0.22	0.24	0.27	0.31	0.34	0.38	0.41	0.45	0.48	0.50	0.53	0.55	0.57	0.59	0.60	0.62	0.63	0.64	0.64	6.4%
LPG Bi-fuel	0.00	0.02	0.03	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22	0.21	0.21	0.21	0.20	0.20	0.19	22.0%
Electric Technology																									
Electric Vehicle	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.07	0.09	0.11	0.13	0.15	0.16	0.18	0.19	0.20	0.20	0.21	0.20	0.20	0.20	0.19	0.18	0.17	25.4%
Electric-Diesel Hybrid	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	0.14	0.16	0.19	0.21	0.23	0.25	0.26	0.27	0.28	0.29	0.29	54.4%
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	0.00	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	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	0.00	0.00	0.00	N/A
Total Alternatives	0.23	0.44	0.69	1.00	1.35	1.70	2.10	2.49	2.89	3.27	3.64	3.98	4.30	4.58	4.82	5.03	5.20	5.34	5.46	5.55	5.62	5.67	5.69	5.71	14.9%

Table 46. Light-Duty Vehicle Stock by Technology Type (Millions)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Total Truck Stock	55.05	56.88	58.87	61.06	63.22	65.35	67.59	69.82	72.04	74.35	76.50	78.50	80.40	82.20	83.81	85.25	86.52	87.71	88.86	89.86	90.73	91.50	92.19	92.75	2.3%
Total Vehicle Stock	182.2	186.3	190.4	194.6	198.5	202.0	205.7	209.3	213.0	216.7	220.2	223.7	227.0	230.4	233.5	236.3	238.9	241.4	243.9	246.2	248.3	250.2	252.1	253.6	1.4%

1/ Includes personal and fleet vehicles.

ICE = Internal combustion engine.

N/A = Not applicable.

Sources: 1997 derived using: Energy Information Administration (EIA), Household Vehicles Energy Consumption 1994, DOE/EIA-0464(94) (Washington, D.C., August 1997); EIA, Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); Federal Highway Administration, Highway Statistics 1996, (Washington DC, November 1997); R.L. Polk and Company, Transportation Energy Data Book: Edition 17, Automobiles in Operation and Vehicle Travel by Age in 1995" and "Trucking Operation and Vehicle Travel by Age in 1995", US Department of Energy, ORNL-6919, (Oak Ridge, TN., August 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 47. Light-Duty Vehicle MPG by Technology Type (MPG Gasoline Equivalents)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Automobiles 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	27.93	27.47	27.95	28.17	28.37	28.71	29.05	29.33	29.58	29.91	30.23	30.48	30.69	30.92	31.20	31.24	31.25	31.24	31.30	31.33	31.26	31.28	31.29	31.27	0.5%
TDI Diesel ICE	38.54	38.12	38.72	38.96	39.20	39.59	40.04	40.34	40.60	40.94	41.30	41.57	41.83	42.00	42.26	42.40	42.37	42.29	42.32	42.33	42.20	42.18	42.16	42.10	0.4%
Alternative-Fuel Vehicles																									
Alcohol Fuel Technology																									
Methanol-Flex Fuel ICE	30.96	30.57	31.08	31.30	31.50	31.83	32.15	32.43	32.65	32.98	33.31	33.57	33.77	33.98	34.25	34.32	34.34	34.32	34.39	34.44	34.35	34.38	34.39	34.37	0.5%
Methanol ICE	30.15	30.41	30.85	31.03	31.23	31.74	32.28	32.70	33.10	33.55	33.99	34.32	34.59	34.84	35.15	35.24	35.28	35.27	35.35	35.40	35.31	35.33	35.34	35.32	0.7%
Ethanol-Flex Fuel ICE	30.69	30.29	30.80	31.02	31.22	31.55	31.87	32.14	32.37	32.70	33.03	33.28	33.49	33.70	33.97	34.03	34.05	34.04	34.11	34.15	34.07	34.10	34.11	34.09	0.5%
Ethanol Ice	28.98	30.15	30.63	30.81	31.04	31.59	32.08	32.47	32.78	33.16	33.53	33.81	34.03	34.25	34.53	34.60	34.62	34.61	34.68	34.72	34.63	34.65	34.65	34.63	0.8%
Natural Gas Technology																									
CNG ICE	30.16	30.15	30.52	30.64	30.75	31.03	31.35	31.49	31.69	31.96	32.24	32.45	32.70	32.94	33.23	33.42	33.61	33.68	33.72	33.75	33.66	33.66	33.66	33.63	0.5%
CNG Bi-fuel	28.64	28.23	28.63	28.82	28.97	29.25	29.58	29.76	29.96	30.24	30.51	30.73	30.95	31.18	31.45	31.61	31.76	31.79	31.81	31.82	31.73	31.72	31.71	31.67	0.4%
LPG ICE	29.40	30.17	30.55	30.65	30.74	30.87	30.97	31.02	31.17	31.44	31.72	31.95	32.21	32.46	32.75	32.96	33.14	33.20	33.25	33.27	33.18	33.18	33.18	33.15	0.5%
LPG Bi-fuel	28.88	28.41	28.83	29.01	29.17	29.45	29.77	29.96	30.17	30.45	30.72	30.95	31.19	31.42	31.69	31.85	32.00	32.03	32.06	32.07	31.97	31.97	31.95	31.91	0.4%
Electric Technology																									
Electric Vehicle	34.54	34.07	33.71	33.51	33.23	33.02	35.69	38.74	42.81	47.94	54.57	54.24	53.93	53.65	53.37	53.10	52.84	52.56	52.35	52.10	51.78	51.55	51.31	51.01	1.7%
Electric-Diesel Hybrid	49.96	50.20	50.39	50.60	50.43	50.65	51.28	50.94	50.79	50.93	51.34	51.71	51.99	52.29	52.61	52.89	53.13	53.29	53.47	53.60	53.90	54.18	54.31	54.23	0.4%
Fuel Cell Technology																									
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.71	43.59	43.47	43.39	43.32	43.28	43.23	43.19	43.17	43.11	43.11	43.08	42.98	42.95	42.92	42.86	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.55	46.42	46.28	46.18	46.09	46.02	45.93	45.88	45.82	45.74	45.72	45.68	45.55	45.52	45.48	45.41	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.12	50.95	50.77	50.62	50.48	50.36	50.22	50.12	50.02	49.88	49.82	49.73	49.57	49.49	49.42	49.31	N/A
Average New Car MPG	27.94	27.57	28.07	28.31	28.52	28.86	29.39	29.74	30.07	30.49	30.92	31.18	31.41	31.65	31.94	32.00	32.03	32.02	32.08	32.12	32.04	32.07	32.08	32.06	0.6%
Light-Duty Trucks 1/																									
Conventional Vehicles																									
Gasoline ICE Vehicles	20.21	19.15	19.25	19.33	19.34	19.44	19.59	19.63	19.74	19.90	20.08	20.20	20.34	20.54	20.72	20.86	20.99	21.11	21.26	21.40	21.49	21.65	21.83	21.80	0.3%
TDI Diesel ICE	27.22	26.51	26.60	26.64	26.60	26.68	26.86	26.83	26.94	27.38	27.61	27.77	27.94	28.17	28.39	28.55	28.70	28.86	29.03	29.18	29.26	29.42	29.62	29.55	0.4%
Alternative-Fuel Vehicles																									
Alcohol Fuel Technology																									
Methanol-Flex Fuel ICE	20.54	19.70	19.87	19.93	19.94	20.09	20.28	20.32	20.43	20.62	20.83	21.00	21.16	21.37	21.59	21.76	21.89	22.02	22.18	22.28	22.35	22.48	22.64	22.62	0.4%
Methanol ICE	20.11	20.15	20.27	20.36	20.40	20.61	20.92	21.05	21.29	21.58	21.87	22.09	22.29	22.54	22.78	22.97	23.14	23.29	23.47	23.62	23.72	23.90	24.10	24.07	0.8%
Ethanol-Flex Fuel ICE	20.48	19.78	19.90	19.99	19.99	20.11	20.30	20.34	20.45	20.63	20.84	21.00	21.16	21.37	21.57	21.72	21.86	21.99	22.15	22.28	22.36	22.49	22.66	22.65	0.4%
Ethanol Ice	19.38	19.99	20.10	20.16	20.24	20.60	20.98	21.21	21.47	21.76	22.04	22.23	22.42	22.65	22.87	23.07	23.23	23.38	23.56	23.71	23.79	23.94	24.11	24.10	1.0%
Natural Gas Technology																									
CNG ICE	20.16	20.54	20.53	20.50	20.47	20.61	20.83	20.87	21.03	21.24	21.48	21.64	21.79	21.99	22.17	22.32	22.46	22.58	22.70	22.82	22.93	23.07	23.24	23.36	0.6%
CNG Bi-fuel	20.53	20.45	20.53	20.57	20.55	20.61	20.70	20.69	20.77	20.91	21.06	21.16	21.28	21.44	21.58	21.69	21.80	21.90	22.00	22.09	22.19	22.31	22.44	22.52	0.4%
LPG ICE	19.64	20.22	20.23	20.18	20.11	20.25	20.42	20.42	20.56	20.76	20.99	21.14	21.29	21.49	21.67	21.81	21.94	22.06	22.18	22.29	22.40	22.54	22.69	22.80	0.7%
LPG Bi-fuel	20.64	20.54	20.61	20.66	20.65	20.72	20.81	20.81	20.91	21.08	21.25	21.35	21.48	21.66	21.82	21.95	22.08	22.20	22.31	22.42	22.54	22.69	22.85	22.94	0.5%
Electric Technology																									
Electric Vehicle	24.32	25.30	24.99	24.67	24.31	24.12	27.16	29.81	33.19	37.41	42.88	42.49	42.14	41.78	41.53	41.21	40.98	40.77	40.57	40.44	40.28	40.10	39.89	39.60	2.1%
Electric-Diesel Hybrid	33.57	33.21	33.41	33.51	33.36	33.56	33.64	33.58	33.70	33.98	34.39	34.70	34.96	35.26	35.51	35.68	35.84	35.98	36.11	36.19	36.41	36.60	36.70	36.63	0.4%
Fuel Cell Technology																									
Fuel Cell Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.61	37.31	37.04	36.73	36.42	36.15	35.94	35.69	35.45	35.23	35.03	34.85	34.65	34.52	34.40	34.25	N/A
Fuel Cell Methanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.45	46.00	45.57	45.12	44.68	44.24	43.83	43.40	43.02	42.67	42.34	42.04	41.73	41.49	41.28	41.05	N/A
Fuel Cell Hydrogen	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.01	43.66	43.34	42.98	42.62	42.31	42.06	41.77	41.49	41.23	40.99	40.78	40.55	40.40	40.25	40.08	N/A

Table 47. Light-Duty Vehicle MPG by Technology Type (MPG Gasoline Equivalents)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Average New Truck MPG	20.21	19.18	19.29	19.37	19.40	19.50	19.69	19.74	19.86	20.03	20.22	20.37	20.52	20.73	20.93	21.08	21.21	21.33	21.48	21.62	21.70	21.85	22.03	22.00	0.4%
Fleet Average Stock Car MPG 2/	22.96	23.05	23.17	23.04	23.09	23.15	23.25	23.35	23.48	23.61	23.75	23.91	24.06	24.21	24.41	24.59	24.76	24.92	25.06	25.20	25.33	25.44	25.55	25.64	0.5%
Fleet Average Stock Truck MPG 2/	16.35	16.29	16.25	16.04	15.96	15.89	15.83	15.75	15.72	15.68	15.69	15.71	15.74	15.78	15.86	15.95	16.03	16.13	16.21	16.31	16.40	16.49	16.59	16.67	0.1%
Fleet Average Stock Vehicle MPG 2/	20.46	20.46	20.47	20.27	20.21	20.17	20.15	20.11	20.12	20.12	20.15	20.20	20.27	20.34	20.45	20.57	20.68	20.80	20.91	21.02	21.13	21.23	21.33	21.43	0.2%

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.

N/A = Not applicable.

Sources: 1997 derived using: Energy and Environmental Analysis Inc., Update 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, 1997; Federal Highway Administration, Highway Statistics 1995, (November 1997); United States Department of Commerce, Bureau of the Census, Truck Inventory and Use Survey, TC92-T-52 (Washington, DC, May 1995); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 48. Light-Duty Vehicle VMT by Technology Type (Billion Miles, Unless Otherwise Noted)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Conventional Vehicles 1/																									
Gasoline ICE Vehicles	2293	2309	2311	2353	2393	2428	2463	2491	2527	2562	2600	2636	2673	2713	2744	2773	2803	2836	2867	2898	2932	2964	2997	3028	1.2%
TDI Diesel ICE	1.8	1.7	1.6	1.5	1.5	1.5	1.6	1.8	2.2	2.7	3.4	4.6	6.1	8.0	10.2	12.6	15.2	17.9	20.7	23.4	26.2	28.8	31.3	33.8	13.7%
Alternative-Fuel Vehicles																									
Alcohol Fuel Technology																									
Methanol-Flex Fuel ICE	0.7	2.8	5.1	8.1	11.3	14.5	17.4	20.2	22.7	24.8	26.7	28.3	29.8	31.2	32.3	33.2	34.1	34.9	35.5	36.1	36.8	37.3	37.8	38.3	19.0%
Methanol ICE	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.9	3.4	3.9	4.4	4.9	5.4	5.9	6.3	6.8	7.2	7.6	46.7%
Ethanol-Flex Fuel ICE	0.3	2.0	3.8	5.9	8.1	10.2	12.3	14.3	16.2	18.1	19.9	21.4	22.8	24.1	25.1	26.0	26.7	27.4	28.0	28.4	28.9	29.3	29.7	30.0	21.4%
Ethanol Ice	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.6	0.9	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.6	4.0	4.3	4.6	4.9	5.2	5.5	46.4%
Natural Gas Technology																									
CNG ICE	1.9	3.4	5.5	8.7	12.7	16.5	20.1	23.3	26.2	28.5	30.5	32.5	34.3	36.1	37.7	39.2	40.6	41.9	43.2	44.4	45.6	46.6	47.7	48.6	15.1%
CNG Bi-fuel	0.1	0.7	1.3	2.1	2.9	3.8	4.6	5.4	6.2	6.9	7.5	8.1	8.7	9.2	9.6	9.9	10.2	10.5	10.7	10.9	11.1	11.3	11.4	11.5	23.1%
LPG ICE	3.3	3.9	4.8	6.1	7.6	9.3	11.5	14.0	16.7	18.9	20.9	22.6	24.0	25.4	26.7	27.9	29.1	30.1	31.2	32.2	33.1	34.0	34.8	35.6	10.9%
LPG Bi-fuel	0.1	0.5	1.1	1.7	2.3	3.0	3.6	4.2	4.8	5.3	5.7	6.1	6.5	6.8	7.0	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.7	7.7	22.9%
Electric Technology																									
Electric Vehicle	0.1	0.1	0.2	0.3	0.5	0.6	3.7	6.8	10.0	13.2	16.4	19.5	22.7	25.8	28.6	31.3	33.9	36.4	38.7	41.0	43.3	45.5	47.6	49.7	33.7%
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.9	1.3	1.6	2.0	2.5	2.8	3.2	3.6	3.9	4.2	4.5	4.7	4.9	5.1	5.2	50.4%
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	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.7	0.8	1.0	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	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	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	0.0	0.0	0.0	0.0	0.0	0.0	N/A
VMT Equation Components																									
Total VMT (billion miles)	2301	2324	2335	2388	2440	2488	2538	2583	2634	2683	2735	2785	2835	2887	2930	2970	3012	3055	3097	3137	3181	3222	3263	3303	1.6%
VMT/Driving Population (thousand miles)	10.6	10.6	10.6	10.7	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.5	12.6	12.7	0.8%
Driving Population (million)	206.3	208.5	210.7	212.8	214.9	217.0	219.2	221.3	223.5	225.9	228.2	230.6	232.8	235.0	237.2	239.3	241.4	243.4	245.4	247.4	249.4	251.3	253.2	255.1	0.9%
Price Effects																									
Motor Gasoline Price (1987 \$ per million Btu)	7.23	6.14	6.26	6.47	6.65	6.81	7.01	7.23	7.34	7.48	7.59	7.71	7.68	7.70	7.69	7.77	7.80	7.73	7.77	7.79	7.74	7.77	7.72	7.75	0.3%
Fleet Miles per Gallon	20.67	20.63	20.62	20.37	20.28	20.20	20.15	20.10	20.08	20.07	20.10	20.15	20.21	20.28	20.39	20.51	20.62	20.74	20.85	20.96	21.08	21.18	21.29	21.38	0.1%
Real Cost of Driving per Mile (1987 cents)	4.374	3.722	3.801	3.973	4.102	4.217	4.350	4.499	4.571	4.662	4.720	4.782	4.755	4.749	4.718	4.736	4.729	4.661	4.661	4.646	4.594	4.586	4.537	4.531	0.2%
Point Price Elasticity	-0.041	-0.035	-0.036	-0.037	-0.038	-0.039	-0.040	-0.041	-0.041	-0.041	-0.041	-0.042	-0.041	-0.041	-0.041	-0.040	-0.040	-0.039	-0.038	-0.038	-0.037	-0.037	-0.036	-0.036	-0.6%
Income Effects																									
Disposable Income (billion 1987 dollars)	4307	4442	4554	4672	4773	4873	4998	5110	5245	5375	5518	5658	5799	5958	6089	6224	6362	6505	6653	6794	6951	7101	7250	7400	2.4%
Point Income Elasticity	0.398	0.407	0.416	0.417	0.418	0.419	0.422	0.425	0.428	0.432	0.435	0.439	0.442	0.446	0.449	0.452	0.455	0.458	0.461	0.463	0.466	0.469	0.472	0.475	0.8%
Demographic Driving Population Effect																									
Percentage Female Driving Population	0.829	0.861	0.888	0.911	0.930	0.945	0.957	0.967	0.974	0.980	0.984	0.987	0.989	0.991	0.993	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.997	0.8%
Point Demographic Elasticity	0.141	0.146	0.151	0.153	0.155	0.156	0.156	0.156	0.156	0.155	0.155	0.154	0.153	0.151	0.150	0.150	0.149	0.148	0.146	0.145	0.144	0.143	0.142	0.141	0.0%

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

VMT = Vehicle miles traveled.

ICE = Internal combustion engine.

N/A = Not applicable.

Sources: 1997 derived using: Federal Highway Administration, Highway Statistics 1996, (November 1997); Oak Ridge National Laboratory, Transportation Energy Data Book: 12, 13, 14, 15,16, and 17,(August 1997); United States Department of Commerce, Bureau of the Census, Truck Inventory and Use Survey, TC92-T-52 (Washington, DC, May 1995); Decision Analysis Corporation of Virginia, NEMS Transportation Sector Model: Model Maintenance Re-Estimation of Light-Duty VMT Model, Subtask 22-1(b), prepared for EIA, September 30, 1997; and Energy Information Administration (EIA), AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 49. Summary of New Light-Duty Vehicle Size Class Attributes																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Personal Vehicles																										
New Fuel Efficiency EPA Rated																										
Conventional Cars (MPG)																										
Minicompact	26.10	26.22	26.80	27.07	27.25	27.58	28.02	28.20	28.60	29.03	29.46	29.77	30.10	30.24	30.37	30.44	30.50	30.54	30.65	30.72	30.72	30.78	30.86	30.87	0.7%	
Subcompact	32.45	31.06	31.78	31.97	32.22	32.54	32.92	33.30	33.52	33.83	34.10	34.28	34.47	34.53	34.66	34.67	34.64	34.57	34.61	34.61	34.48	34.46	34.43	34.37	0.3%	
Compact	30.31	29.94	30.51	30.75	30.98	31.34	31.80	32.20	32.43	32.76	33.09	33.35	33.52	33.72	33.99	34.01	33.97	33.91	33.94	33.95	33.84	33.84	33.81	33.76	0.5%	
Mid-size	26.60	26.38	26.79	26.97	27.13	27.43	27.77	27.97	28.19	28.49	28.81	29.04	29.24	29.46	29.74	29.76	29.79	29.80	29.85	29.89	29.82	29.84	29.87	29.85	0.5%	
Large	24.63	24.66	24.98	25.15	25.26	25.58	26.06	26.24	26.48	26.80	27.13	27.40	27.67	28.00	28.39	28.46	28.53	28.60	28.67	28.74	28.73	28.78	28.83	28.85	0.7%	
Two Seater	27.24	26.51	27.04	27.25	27.43	27.74	28.15	28.37	28.66	29.02	29.36	29.61	29.86	30.02	30.21	30.26	30.30	30.31	30.38	30.43	30.38	30.40	30.42	30.41	0.5%	
Average New Car	28.52	27.97	28.48	28.71	28.92	29.27	29.61	29.92	30.17	30.51	30.84	31.10	31.30	31.51	31.79	31.83	31.84	31.82	31.87	31.90	31.82	31.84	31.84	31.82	0.5%	
Average New Car On-Road MPG	24.79	24.27	24.67	24.60	24.72	24.97	25.23	25.45	25.61	25.85	26.07	26.25	26.37	26.51	26.74	26.78	26.78	26.77	26.80	26.83	26.76	26.78	26.78	26.76	0.3%	
Conventional Light-Trucks																										
Small Pickup	24.18	23.77	23.85	23.86	23.82	23.87	23.99	24.03	24.02	24.05	24.10	24.16	24.23	24.35	24.48	24.59	24.69	24.77	24.90	25.00	25.02	25.15	25.29	25.23	0.2%	
Large Pickup	18.53	17.74	17.76	17.79	17.79	17.81	17.86	17.82	17.91	18.07	18.21	18.30	18.42	18.61	18.79	18.95	19.08	19.21	19.37	19.53	19.63	19.80	19.98	19.94	0.3%	
Small Van	22.86	22.45	22.57	22.62	22.67	22.78	22.95	23.02	23.09	23.23	23.37	23.45	23.55	23.72	23.89	24.00	24.11	24.20	24.34	24.48	24.53	24.71	24.91	24.87	0.4%	
Large Van	18.50	18.48	18.63	18.76	18.82	19.02	19.32	19.38	19.59	19.86	20.14	20.35	20.54	20.81	21.05	21.24	21.40	21.56	21.74	21.92	22.06	22.27	22.51	22.50	0.9%	
Small Utility	20.79	20.40	20.56	20.67	20.65	20.75	20.96	21.01	21.07	21.20	21.36	21.50	21.63	21.82	22.00	22.12	22.25	22.37	22.51	22.64	22.69	22.83	23.01	22.98	0.4%	
Large Utility	17.21	13.70	13.80	13.88	13.92	14.06	14.24	14.29	14.44	14.65	14.85	14.99	15.13	15.34	15.52	15.63	15.74	15.84	15.97	16.09	16.17	16.29	16.44	16.42	-0.2%	
Average New Light-Truck	20.41	19.03	19.13	19.20	19.21	19.30	19.43	19.47	19.57	19.72	19.89	20.01	20.13	20.32	20.50	20.63	20.76	20.87	21.02	21.16	21.23	21.38	21.56	21.53	0.2%	
Average New Light-Truck On-Road MPG	16.68	15.52	15.57	15.47	15.43	15.48	15.55	15.55	15.60	15.70	15.79	15.86	15.93	16.05	16.19	16.30	16.39	16.49	16.59	16.71	16.77	16.88	17.02	16.99	0.1%	
Degradation Factors 1/																										
Cars	0.869	0.868	0.866	0.857	0.855	0.853	0.852	0.850	0.849	0.847	0.846	0.844	0.843	0.841	0.841	0.841	0.841	0.841	0.841	0.841	0.841	0.841	0.841	0.841	-0.1%	
Light Trucks	0.817	0.816	0.814	0.805	0.803	0.802	0.800	0.799	0.798	0.796	0.794	0.793	0.791	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.790	0.789	0.789	-0.2%	
New Fuel Efficiency by Size Class 2/																										
Alternative-Fuel Cars																										
Minicompact	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Subcompact	36.37	35.68	36.39	36.59	36.84	37.22	38.50	40.76	43.50	46.74	50.48	50.41	50.38	50.28	50.27	50.14	49.96	49.75	49.61	49.46	49.21	49.05	48.87	48.60	1.3%	
Compact	30.57	30.07	30.55	30.73	30.92	31.21	32.78	34.36	36.23	38.43	40.92	41.00	41.10	41.15	41.29	41.26	41.22	41.11	41.06	41.01	40.84	40.74	40.65	40.46	1.2%	
Midsize	28.86	28.65	29.08	29.26	29.43	29.74	30.20	30.43	30.74	31.13	31.52	31.82	32.10	32.39	32.72	32.90	33.06	33.16	33.28	33.36	33.34	33.40	33.46	33.47	0.6%	
Large	27.00	27.03	27.34	27.52	27.63	27.96	28.57	28.81	29.11	29.49	29.88	30.21	30.53	30.91	31.34	31.58	31.83	31.99	32.12	32.22	32.24	32.31	32.38	32.41	0.8%	
2-Seater	28.97	29.26	29.74	30.02	30.28	30.71	31.46	33.75	36.78	40.57	45.37	45.41	45.50	45.58	45.64	45.64	45.64	45.64	45.65	45.62	45.55	45.57	45.59	45.58	2.0%	
Average New Alternative Cars	25.30	25.12	25.52	25.69	25.85	26.14	26.92	28.02	29.39	31.06	33.03	33.14	33.27	33.38	33.55	33.59	33.62	33.61	33.62	33.61	33.53	33.51	33.49	33.42	1.2%	
Alternative-Fuel Light Trucks																										
Small Pickup	25.32	24.98	25.11	25.13	25.06	25.13	26.48	27.04	27.60	28.17	28.74	28.73	28.77	28.79	28.80	28.77	28.71	28.69	28.67	28.57	28.44	28.36	28.29	28.04	0.4%	
Large Pickup	18.69	18.57	18.58	18.61	18.61	18.64	18.70	18.67	18.78	18.95	19.12	19.22	19.36	19.56	19.75	19.92	20.06	20.21	20.36	20.52	20.63	20.79	20.97	20.98	0.5%	
Small Van	22.94	22.60	22.72	22.77	22.74	22.85	23.69	23.98	24.14	24.25	24.34	24.47	24.59	24.75	24.85	24.93	24.99	25.06	25.15	25.17	25.13	25.19	25.27	25.22	0.4%	
Large Van	18.19	18.20	18.35	18.46	18.52	18.73	19.03	19.11	19.33	19.61	19.90	20.13	20.33	20.59	20.83	21.02	21.18	21.35	21.51	21.69	21.82	22.02	22.24	22.29	0.9%	
Small Utility	21.20	21.05	21.24	21.38	21.37	21.51	22.18	22.48	22.86	23.31	23.77	24.18	24.48	24.76	25.00	25.08	25.24	25.35	25.50	25.57	25.60	25.69	25.77	25.76	0.8%	
Large Utility	16.61	16.45	16.56	16.67	16.72	16.89	17.33	17.50	17.79	18.13	18.47	18.72	18.93	19.19	19.42	19.57	19.70	19.81	19.94	20.07	20.15	20.28	20.43	20.41	0.9%	
Average New Alternative Light Trucks	20.49	20.31	20.43	20.50	20.50	20.63	21.23	21.46	21.75	22.07	22.39	22.58	22.74	22.94	23.11	23.21	23.31	23.41	23.52	23.60	23.63	23.72	23.83	23.78	0.6%	
Fleet Vehicles																										
New Fuel Efficiency EPA Rated																										
Cars	26.34	26.20	26.64	26.87	27.06	27.38	27.79	28.01	28.25	28.56	28.88	29.12	29.34	29.59	29.89	29.94	29.99	30.01	30.07	30.11	30.06	30.08	30.11	30.10	0.6%	
Light Trucks	19.74	19.43	19.56	19.65	19.69	19.82	20.03	20.07	20.20	20.40	20.60	20.76	20.91	21.13	21.33	21.48	21.62	21.76	21.91	22.07	22.17	22.35	22.55	22.53	0.6%	

Table 49. Summary of New Light-Duty Vehicle Size Class Attributes																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Average On Road MPG																									
Cars	22.60	22.69	22.81	22.72	22.82	23.03	23.25	23.48	23.70	23.90	24.09	24.28	24.47	24.64	24.86	25.03	25.16	25.26	25.30	25.34	25.36	25.37	25.37	25.37	0.5%
Light Trucks	15.72	15.70	15.75	15.66	15.73	15.74	15.81	15.86	15.92	16.00	16.09	16.18	16.28	16.39	16.54	16.68	16.81	16.95	17.07	17.19	17.30	17.41	17.53	17.63	0.5%
New Vehicle Sales Shares (%)																									
Conventional Cars																									
Minicompact	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.0%
Subcompact	0.176	0.167	0.167	0.168	0.168	0.169	0.169	0.170	0.170	0.170	0.170	0.170	0.169	0.168	0.167	0.167	0.167	0.166	0.166	0.165	0.164	0.164	0.163	0.163	-0.3%
Compact	0.374	0.350	0.354	0.360	0.365	0.369	0.374	0.379	0.383	0.386	0.389	0.392	0.392	0.393	0.393	0.395	0.396	0.396	0.397	0.398	0.397	0.398	0.398	0.399	0.3%
Mid-Size	0.303	0.326	0.322	0.317	0.313	0.309	0.304	0.299	0.297	0.294	0.291	0.289	0.289	0.288	0.288	0.286	0.285	0.286	0.285	0.284	0.285	0.284	0.284	0.284	-0.3%
Large	0.131	0.142	0.141	0.140	0.139	0.138	0.137	0.135	0.135	0.135	0.134	0.134	0.135	0.135	0.136	0.136	0.136	0.137	0.137	0.137	0.138	0.138	0.139	0.139	0.3%
Two Seater	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	-0.1%
Conventional Light Trucks																									
Small Pickup	0.153	0.150	0.149	0.146	0.144	0.142	0.140	0.137	0.136	0.134	0.133	0.132	0.132	0.132	0.132	0.131	0.131	0.131	0.131	0.130	0.131	0.130	0.131	0.130	-0.7%
Large Pickup	0.285	0.272	0.269	0.266	0.264	0.262	0.259	0.257	0.255	0.253	0.250	0.248	0.246	0.244	0.243	0.242	0.240	0.239	0.238	0.237	0.235	0.234	0.233	0.232	-0.9%
Small Van	0.169	0.172	0.176	0.180	0.184	0.187	0.192	0.196	0.198	0.201	0.204	0.206	0.206	0.207	0.207	0.209	0.210	0.209	0.210	0.211	0.210	0.211	0.210	0.211	1.0%
Large Van	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	-0.8%
Small Utility	0.282	0.246	0.247	0.247	0.248	0.248	0.249	0.249	0.249	0.250	0.251	0.251	0.252	0.253	0.254	0.255	0.255	0.256	0.257	0.257	0.258	0.259	0.260	0.260	-0.4%
Large Utility	0.086	0.136	0.137	0.137	0.138	0.138	0.139	0.139	0.140	0.140	0.141	0.141	0.142	0.142	0.143	0.143	0.144	0.144	0.145	0.145	0.146	0.146	0.146	0.147	2.3%
New Vehicle Average Horse Power																									
Conventional Cars																									
Minicompact	182.7	202.7	204.5	207.3	209.9	212.8	215.7	218.3	222.0	225.4	229.1	232.3	236.0	239.1	241.5	244.0	246.4	249.2	251.3	253.6	256.9	259.0	261.5	263.8	1.6%
Subcompact	121.2	147.6	147.1	150.2	151.5	154.7	158.9	158.3	163.6	168.4	173.9	178.8	184.6	190.4	195.0	199.1	203.1	207.9	211.7	215.5	220.3	223.6	227.3	230.5	2.8%
Compact	146.9	146.9	147.2	150.3	151.8	154.8	158.9	158.9	164.1	168.8	174.1	179.1	184.7	190.4	195.2	199.2	203.3	208.1	211.8	215.6	220.3	223.7	227.1	230.2	2.0%
Mid-Size	166.9	178.8	180.4	183.6	185.6	188.6	192.5	193.3	198.4	203.0	208.2	213.0	218.6	224.3	229.1	233.0	237.1	241.9	245.6	249.1	253.5	256.6	260.1	263.2	2.0%
Large	187.3	221.8	224.4	227.8	230.1	233.2	237.7	239.8	244.7	249.3	254.3	259.1	264.3	269.7	274.5	278.3	282.5	287.3	290.5	293.7	297.8	300.8	303.9	306.8	2.2%
Two Seater	154.1	228.8	231.0	234.6	237.2	240.8	245.4	247.4	252.7	257.6	263.0	267.9	273.4	278.9	283.4	287.3	291.3	295.7	299.1	302.5	307.0	310.1	313.6	316.8	3.2%
Average New Car	154.0	169.1	169.9	172.8	174.4	177.2	181.1	181.3	186.3	190.8	196.0	200.8	206.4	212.1	216.8	220.7	224.8	229.7	233.3	236.9	241.5	244.7	248.2	251.3	2.2%
Conventional Light Trucks																									
Small Pickup	144.2	156.6	159.2	162.5	164.2	167.5	171.8	171.9	177.5	182.7	188.5	194.1	200.4	207.2	212.6	217.6	222.7	228.5	233.1	237.4	242.5	246.4	250.5	254.2	2.5%
Large Pickup	196.6	226.8	230.6	234.1	236.8	240.3	244.8	246.8	252.2	257.2	262.9	268.5	274.8	281.5	287.0	291.9	296.7	301.9	305.9	310.0	315.0	318.6	322.4	325.7	2.2%
Small Van	166.2	179.2	180.9	184.4	186.8	190.0	194.2	195.1	200.9	206.2	212.2	217.9	224.8	232.2	238.3	244.0	250.1	256.9	262.6	267.6	273.6	278.2	283.1	287.2	2.4%
Large Van	194.9	229.4	232.0	234.6	237.1	239.8	242.9	244.8	248.8	252.3	256.2	260.0	264.8	270.1	274.5	278.9	282.9	287.1	290.5	293.9	297.9	300.9	303.9	306.5	2.0%
Small Utility	173.4	191.4	194.0	197.4	200.1	203.4	207.5	209.0	214.3	219.2	224.5	229.7	235.9	242.4	247.6	252.6	257.9	263.8	268.2	272.6	278.0	282.0	286.4	290.1	2.3%
Large Utility	196.9	198.3	201.5	204.6	207.2	210.2	213.9	215.5	220.3	224.5	229.2	233.9	239.5	245.5	250.5	255.0	259.6	264.8	268.8	272.8	277.9	281.5	285.3	288.5	1.7%
Average New Light Truck	176.9	195.5	198.3	201.6	204.0	207.2	211.3	212.6	217.9	222.7	228.1	233.4	239.6	246.2	251.6	256.6	261.7	267.5	271.9	276.3	281.5	285.4	289.6	293.2	2.2%

1/ Conversion factor used to convert Environmental Protection Agency rated to "on road" miles per gallon.

2/ Environmental Protection Agency rated miles per gallon.

N/A = Not applicable.

Sources: 1997 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-Year Fuel Economy Reports from Auto Manufacturers, 1997; Federal Highway Administration, Highway Statistics 1996, (November 1997); Oak Ridge National Laboratory, "Fleet Vehicles in the United States: Composition, Operating Characteristics, and Fueling Practices," prepared for the U.S. Department of Energy, Office of Transportation Technologies, and Office of Policy (March 1992); Decision Analysis Corporation of Virginia, Fuel Efficiency Degradation Factor, Final Report, Subtask 1, prepared for EIA, (Washington, DC, August 1992); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 50. Transportation Fleet Car and Truck Fuel Consumption by Type and Technology (Trillion Btu)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Cars 1/																									
Gasoline Conventional	1131	1114	1090	1064	1032	991.6	955.0	922.4	902.5	895.5	893.2	894.5	896.8	901.2	901.4	899.9	897.5	896.3	900.9	905.0	909.2	910.8	910.3	909.6	-0.9%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.20	0.32	0.51	0.84	1.28	1.65	1.99	2.25	2.38	2.39	2.41	2.41	2.42	2.43	2.43	2.43	2.43	2.43	2.43	2.44	2.45	2.46	2.46	2.46	11.5%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.02	0.04	0.06	0.10	0.15	0.19	0.23	0.26	0.28	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	11.3%
CNG	4.16	7.51	12.78	20.72	30.16	38.82	46.49	51.98	55.17	55.94	56.21	56.49	56.71	57.01	57.07	57.02	56.88	56.78	56.84	56.83	56.92	57.08	57.25	57.27	12.1%
CNG 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	0.00	0.00	0.00	N/A
LPG	4.16	5.33	7.21	10.04	13.33	17.62	23.38	30.13	36.91	41.57	44.20	45.13	45.18	45.33	45.26	45.08	44.82	44.59	44.60	44.60	44.67	44.70	44.68	44.61	10.9%
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	0.00	0.00	0.00	N/A
Electric	0.11	0.21	0.37	0.59	0.84	1.09	1.30	1.43	1.50	1.47	1.37	1.28	1.20	1.15	1.13	1.12	1.13	1.13	1.14	1.15	1.16	1.17	1.17	1.18	10.8%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Cars	1140	1127	1111	1096	1078	1051	1028	1008	999	997	998	1000	1003	1007	1008	1006	1003	1002	1006	1010	1015	1017	1016	1015	-0.5%
Light Trucks 1/																									
Gasoline Conventional	1490	1575	1626	1683	1696	1689	1680	1672	1668	1675	1691	1707	1722	1735	1738	1736	1727	1717	1708	1699	1691	1684	1675	1663	0.5%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.42	0.64	1.01	1.67	2.61	3.52	4.32	5.06	5.64	5.95	6.00	6.06	6.11	6.16	6.16	6.15	6.13	6.10	6.07	6.03	5.99	5.96	5.93	5.90	12.1%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.06	0.09	0.14	0.23	0.36	0.49	0.60	0.70	0.78	0.83	0.83	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.84	0.84	0.83	0.83	0.82	0.82	12.2%
CNG	5.53	8.73	14.02	23.13	35.27	46.82	56.79	65.53	72.25	75.77	76.57	77.46	78.18	78.81	78.96	78.93	78.71	78.41	78.16	77.74	77.38	77.08	76.83	76.40	12.1%
CNG 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	0.00	0.00	0.00	N/A
LPG	5.50	6.70	8.50	11.56	15.41	18.98	22.92	27.40	31.71	35.08	37.63	39.31	40.08	40.38	40.46	40.43	40.28	40.09	39.93	39.73	39.56	39.43	39.27	39.02	8.9%
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	0.00	0.00	0.00	N/A
Electric	0.08	0.12	0.20	0.31	0.44	0.55	0.64	0.69	0.71	0.70	0.66	0.63	0.60	0.58	0.57	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62	9.5%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Light Trucks	1501	1591	1649	1720	1750	1759	1765	1772	1779	1793	1813	1831	1847	1862	1865	1863	1854	1843	1833	1824	1815	1808	1798	1786	0.8%
Total Fleet Vehicles	2641	2718	2761	2816	2829	2810	2794	2780	2778	2790	2810	2831	2850	2869	2873	2868	2857	2845	2840	2834	2830	2824	2814	2802	0.3%
Commercial Light Trucks 2/	592.0	609.3	618.2	628.3	640.4	652.2	664.3	676.0	690.4	704.4	718.2	730.8	743.7	756.1	764.4	772.8	780.5	790.1	799.9	806.7	815.4	823.4	831.1	838.0	1.5%

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.

N/A = Not Applicable.

Sources: 1997 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, March 1992; Bobit Publishing Company, Fleet Fact Book, Redondo Beach, California, various issues; United States Department of Commerce, Bureau of the Census, "Trucks Inventory and Use Survey," TC92-T-52, (Washington, DC, May 1995); Federal Highway Administration, Highway Statistics 1996 (November 1997); 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 AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 51. Transportation Fleet Car and Truck Sales by Type and Technology (Thousands)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Cars 1/																									
Gasoline Conventional	1906	1884	1847	1803	1725	1677	1674	1659	1671	1686	1704	1724	1742	1770	1768	1763	1761	1784	1811	1805	1801	1801	1807	1800	-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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	2.81	4.67	7.31	11.68	15.36	15.23	15.65	15.96	16.29	16.43	16.60	16.78	16.95	17.22	17.19	17.14	17.11	17.33	17.59	17.52	17.48	17.47	17.53	17.45	8.3%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.32	0.49	0.78	1.31	1.80	1.76	1.78	1.79	1.81	1.83	1.85	1.87	1.89	1.92	1.91	1.91	1.90	1.93	1.96	1.95	1.95	1.95	1.95	1.94	8.1%
CNG	14.75	31.60	47.90	68.78	82.11	81.51	83.87	85.66	87.49	88.27	89.17	90.17	91.05	92.49	92.34	92.04	91.91	93.08	94.46	94.09	93.86	93.84	94.15	93.72	8.4%
CNG 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	0.00	0.00	0.00	N/A
LPG	10.22	16.53	22.28	29.27	33.26	42.95	58.72	74.08	82.51	83.01	83.63	84.35	84.97	86.10	85.76	85.30	84.99	85.90	87.00	86.50	86.13	85.95	86.09	85.55	9.7%
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	0.00	0.00	0.00	N/A
Electric	0.45	1.09	1.60	2.13	2.35	2.40	2.58	2.74	2.85	2.87	2.90	2.93	2.96	3.01	3.00	2.99	2.98	3.02	3.06	3.05	3.04	3.04	3.05	3.03	8.7%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Cars	1935	1939	1926	1917	1860	1821	1837	1840	1862	1879	1898	1920	1940	1971	1968	1962	1960	1985	2015	2008	2003	2003	2010	2001	0.1%
Light Trucks 1/																									
Gasoline Conventional	1681	1685	1697	1700	1648	1633	1669	1687	1718	1741	1766	1794	1819	1848	1838	1833	1823	1840	1860	1853	1849	1849	1855	1847	0.4%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	3.41	5.27	8.56	14.59	20.10	19.93	20.52	20.89	21.36	21.64	21.96	22.30	22.61	22.98	22.85	22.79	22.67	22.87	23.12	23.03	22.98	22.98	23.06	22.96	8.6%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.45	0.68	1.12	1.94	2.69	2.67	2.74	2.78	2.83	2.87	2.91	2.96	3.00	3.05	3.03	3.02	3.01	3.03	3.07	3.06	3.05	3.05	3.06	3.05	8.7%
CNG	11.20	19.33	30.79	49.67	65.56	64.98	67.12	68.58	70.23	71.16	72.20	73.32	74.36	75.55	75.15	74.92	74.53	75.19	76.02	75.74	75.57	75.56	75.83	75.49	8.7%
CNG 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	0.00	0.00	0.00	N/A
LPG	7.69	10.41	14.00	19.64	24.08	23.91	29.29	34.54	37.71	38.20	38.76	39.37	39.93	40.57	40.35	40.23	40.02	40.37	40.81	40.67	40.57	40.57	40.71	40.53	7.5%
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	0.00	0.00	0.00	N/A
Electric	0.17	0.36	0.53	0.72	0.83	0.83	0.90	0.96	1.00	1.02	1.03	1.05	1.06	1.08	1.07	1.07	1.06	1.07	1.09	1.08	1.08	1.08	1.08	1.08	8.3%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Light Trucks	1704	1721	1752	1786	1762	1746	1790	1815	1851	1876	1903	1933	1960	1992	1981	1975	1965	1982	2004	1997	1992	1992	1999	1990	0.7%
Total Fleet Vehicles	3639	3660	3678	3703	3621	3566	3626	3654	3713	3754	3802	3853	3900	3962	3949	3937	3924	3967	4019	4004	3995	3995	4009	3991	0.4%
Commercial Light Trucks 2/	850	863	879	896	884	876	898	911	930	943	957	973	988	1005	1000	998	993	1003	1014	1011	1009	1010	1014	1010	0.7%

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.

N/A = Not Applicable.

Sources: 1997 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, March 1992; Bobit Publishing Company, Fleet Fact Book, Redondo Beach, California, various issues; United States Department of Commerce, Bureau of the Census, "Truck Inventory and Use Survey," TC92-T-52, (Washington, DC, May 1995); Federal Highway Administration, Highway Statistics 1996 (November 1997); 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-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 52. Transportation Fleet Car and Truck Stock by Type and Technology (Thousands)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Cars 1/																									
Gasoline Conventional	8174	8001	7779	7545	7332	7088	6875	6689	6596	6595	6627	6690	6760	6843	6905	6943	6961	6977	7021	7062	7098	7114	7113	7108	-0.6%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	6.48	10.23	16.56	27.22	41.49	54.01	65.41	74.32	79.27	80.31	81.31	82.16	83.00	83.94	84.70	85.24	85.57	85.95	86.37	86.70	87.03	87.36	87.58	87.49	12.0%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.73	1.12	1.78	2.98	4.66	6.08	7.34	8.32	8.80	8.83	8.91	8.99	9.09	9.19	9.28	9.34	9.37	9.42	9.46	9.50	9.54	9.58	9.60	9.59	11.8%
CNG	33.40	60.61	103.9	167.6	244.3	315.5	379.5	426.3	454.4	463.1	467.9	472.8	477.4	482.8	487.2	490.4	492.5	494.9	497.7	499.4	501.1	502.8	504.4	504.4	12.5%
CNG 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	0.00	0.00	0.00	N/A
LPG	32.43	41.94	57.10	79.23	105.5	140.0	186.9	241.8	297.4	336.4	359.4	369.2	371.9	375.4	377.9	379.3	379.8	380.3	381.8	382.9	383.8	384.2	384.0	383.3	11.3%
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	0.00	0.00	0.00	N/A
Electric	1.06	2.00	3.45	5.41	7.57	9.76	11.81	13.39	14.55	15.13	15.41	15.61	15.75	15.93	16.06	16.16	16.23	16.30	16.40	16.45	16.50	16.54	16.59	16.60	12.7%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Cars	8249	8117	7962	7827	7736	7614	7526	7453	7450	7499	7560	7639	7717	7810	7880	7923	7945	7964	8013	8056	8096	8115	8116	8110	-0.1%
Light Trucks 1/																									
Gasoline Conventional	7493	7834	8022	8253	8343	8301	8277	8257	8257	8321	8448	8573	8702	8832	8927	8992	9020	9041	9056	9070	9085	9107	9123	9113	0.9%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	8.57	12.96	20.46	33.84	52.74	71.20	87.89	103.1	115.4	122.2	124.0	126.2	128.2	130.2	131.6	132.7	133.4	134.0	134.4	134.5	134.6	134.8	135.2	135.3	12.7%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	1.12	1.69	2.67	4.46	7.00	9.49	11.75	13.80	15.47	16.38	16.60	16.88	17.14	17.41	17.61	17.75	17.85	17.92	17.98	17.99	18.01	18.04	18.09	18.10	12.9%
CNG	28.03	44.30	71.41	117.1	178.5	237.3	288.9	334.2	369.5	389.1	395.8	403.1	409.5	415.8	420.5	423.9	425.9	427.5	428.9	429.2	429.7	430.4	431.5	431.6	12.6%
CNG 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	0.00	0.00	0.00	N/A
LPG	27.15	33.09	42.05	56.74	75.52	93.09	113.0	135.5	157.5	175.1	188.9	198.7	203.9	207.0	209.3	210.9	211.7	212.3	212.8	213.1	213.4	213.8	214.3	214.2	9.4%
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	0.00	0.00	0.00	N/A
Electric	0.48	0.77	1.21	1.86	2.60	3.27	3.81	4.27	4.59	4.81	5.01	5.16	5.26	5.34	5.39	5.43	5.45	5.47	5.48	5.49	5.49	5.51	5.52	5.51	11.2%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Light Trucks	7558	7927	8160	8467	8659	8715	8783	8848	8919	9029	9178	9323	9466	9607	9711	9783	9815	9838	9856	9871	9887	9910	9927	9917	1.2%
Total Fleet Vehicles	15807	16044	16121	16295	16395	16329	16309	16300	16369	16528	16738	16961	17184	17418	17592	17706	17759	17802	17869	17927	17983	18025	18043	18027	0.6%
Commercial Light Trucks 2/	9593	9807	10023	10242	10433	10603	10784	10966	11154	11342	11533	11726	11920	12119	12300	12465	12615	12765	12916	13054	13180	13299	13414	13516	1.5%

1/ Includes all fleets of 10 or more.

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

ICE = Internal combustion engine.

N/A = Not applicable.

Sources: 1997 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, March 1992; Bobit Publishing Company, Fleet Fact Book, Redondo Beach, California, various issues; United States Department of Commerce, Bureau of the Census, "Truck Inventory and Use Survey," TC92-T-52, (Washington, DC, May 1995); Federal Highway Administration, Highway Statistics 1996, (November 1997); 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-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1996, DOE/EIA-0585(96) (Washington, DC, December 1997); and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 53. Transportation Fleet Car and Truck VMT by Type and Technology (Billion Miles)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Cars 1/																									
Gasoline Conventional	211.0	206.0	200.0	193.8	188.3	181.9	176.3	171.5	169.1	169.2	170.0	171.6	173.4	175.5	177.1	178.0	178.4	178.8	180.0	181.0	182.0	182.4	182.3	182.2	-0.6%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.17	0.26	0.43	0.70	1.07	1.39	1.68	1.91	2.03	2.06	2.09	2.11	2.13	2.15	2.17	2.19	2.19	2.20	2.21	2.22	2.23	2.24	2.24	2.24	11.9%
Ethanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.02	0.03	0.05	0.08	0.12	0.16	0.19	0.21	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	11.8%
CNG	0.86	1.56	2.67	4.31	6.27	8.10	9.73	10.93	11.65	11.88	12.00	12.13	12.24	12.38	12.49	12.57	12.63	12.69	12.76	12.80	12.85	12.89	12.93	12.93	12.5%
CNG 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	0.00	0.00	0.00	N/A
LPG	0.84	1.08	1.47	2.04	2.71	3.59	4.79	6.20	7.63	8.63	9.22	9.47	9.54	9.63	9.69	9.73	9.74	9.75	9.79	9.82	9.84	9.85	9.84	9.82	11.3%
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	0.00	0.00	0.00	N/A
Electric	0.03	0.05	0.09	0.14	0.19	0.25	0.30	0.34	0.37	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.42	0.42	0.42	0.43	0.43	12.7%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Cars	212.9	209.0	204.7	201.1	198.6	195.4	193.0	191.1	191.0	192.3	193.9	195.9	197.9	200.3	202.1	203.1	203.7	204.1	205.4	206.5	207.6	208.1	208.0	207.9	-0.1%
Light Trucks 1/																									
Gasoline Conventional	193.4	201.7	206.2	212.0	214.2	213.0	212.3	211.7	211.7	213.4	216.7	219.9	223.2	226.5	228.9	230.5	231.2	231.7	232.1	232.5	233.0	233.5	233.9	233.6	0.8%
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	0.00	0.00	0.00	N/A
Methanol																									
Flex	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Neat	0.22	0.33	0.53	0.87	1.35	1.83	2.25	2.64	2.96	3.13	3.18	3.24	3.29	3.34	3.38	3.40	3.42	3.43	3.45	3.45	3.45	3.46	3.47	3.47	12.7%
Ethanol																									
Flex	0.03	0.04	0.07	0.11	0.18	0.24	0.30	0.35	0.40	0.42	0.43	0.43	0.44	0.45	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	12.8%
Neat	0.03	0.04	0.07	0.11	0.18	0.24	0.30	0.35	0.40	0.42	0.43	0.43	0.44	0.45	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	12.8%
CNG	0.72	1.14	1.84	3.01	4.58	6.09	7.41	8.57	9.48	9.98	10.15	10.34	10.50	10.66	10.78	10.87	10.92	10.96	10.99	11.00	11.02	11.03	11.06	11.06	12.6%
CNG 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	0.00	0.00	0.00	N/A
LPG	0.70	0.85	1.08	1.46	1.94	2.39	2.90	3.47	4.04	4.49	4.85	5.10	5.23	5.31	5.37	5.41	5.43	5.44	5.46	5.46	5.47	5.48	5.49	5.49	9.4%
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	0.00	0.00	0.00	N/A
Electric	0.01	0.02	0.03	0.05	0.07	0.08	0.10	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	11.1%
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	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	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	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	0.00	0.00	0.00	N/A
Total Fleet Light Truck	195.1	204.2	209.8	217.6	222.5	223.9	225.6	227.2	229.1	232.0	235.8	239.5	243.2	246.8	249.5	251.3	252.1	252.6	253.1	253.5	254.0	254.5	254.9	254.7	1.2%
Total Fleet Vehicles	408.0	413.2	414.5	418.7	421.2	419.3	418.6	418.3	420.1	424.3	429.7	435.4	441.1	447.1	451.5	454.4	455.7	456.7	458.5	460.1	461.6	462.6	463.0	462.5	0.5%
Commercial Light Trucks 2/	69.06	71.21	72.43	73.76	75.29	76.78	78.34	79.84	81.67	83.47	85.30	87.00	88.75	90.49	91.80	93.14	94.41	95.91	97.47	98.71	100.2	101.6	103.0	104.2	1.8%

1/ Includes all fleets of 10 or more.

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

ICE = Internal combustion engine.

N/A = Not applicable.

Sources: 1997 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, March 1992; Bobit Publishing Company, Fleet Fact Book, Redondo Beach, California, various issues; Federal Highway Administration, Highway Statistics 1996, (November 1997); 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), AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 54. Air Travel Energy Use																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Travel Demand (billion miles)																									
Revenue Passenger Miles Domestic	452.2	468.3	479.3	494.2	506.3	518.2	532.2	544.8	560.7	576.4	593.4	611.0	628.6	648.0	662.7	677.2	691.9	707.7	724.8	740.9	757.7	774.8	792.5	809.7	2.6%
RPM Personal	235.2	246.4	254.6	264.1	271.9	279.1	288.0	295.8	305.9	315.6	326.3	337.4	348.6	361.4	371.2	380.9	390.9	401.5	412.9	424.1	436.5	448.7	461.1	473.5	3.1%
RPM Business	217.1	221.9	224.7	230.0	234.5	239.1	244.1	249.0	254.8	260.8	267.1	273.5	279.9	286.6	291.5	296.3	301.0	306.1	311.9	316.7	321.2	326.1	331.4	336.2	1.9%
Load Factor Domestic 1/	0.69	0.69	0.69	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	N/A
Revenue Passenger Miles International	169.1	204.6	214.4	226.0	231.7	242.5	249.6	261.3	269.4	283.1	292.2	307.4	316.8	333.6	341.9	356.7	365.3	381.5	391.4	407.7	417.1	434.5	444.6	454.5	4.4%
Load Factor International 1/	0.74	0.74	0.74	0.73	0.73	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	-0.1%
Revenue Ton Miles Freight (billion)	16.5	16.1	16.5	18.0	19.8	21.6	23.6	25.6	28.0	30.4	33.1	35.6	38.4	41.1	43.6	45.9	48.2	50.6	53.3	55.7	58.3	60.7	63.2	65.7	6.2%
Macro Variables (1992 dollars)																									
GDP	7270	7516	7636	7830	7996	8173	8362	8549	8769	8991	9219	9443	9666	9896	10070	10249	10417	10599	10800	10976	11149	11324	11507	11680	2.1%
Real Merchandise Exports	726	729	746	809	889	967	1048	1137	1241	1350	1465	1582	1706	1834	1949	2054	2164	2280	2401	2521	2642	2763	2880	2998	6.4%
Disposable Income	5183	5345	5480	5622	5744	5864	6014	6149	6311	6469	6640	6809	6979	7170	7328	7489	7656	7828	8006	8176	8364	8545	8725	8905	2.4%
Yield (ticket price, 1992 dollars) 2/	12.8	12.0	12.1	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.3	13.3	13.3	13.3	13.5	13.5	13.5	13.5	0.2%
Fuel Cost (1987 dollars per million Btu)	3.87	2.88	2.99	3.10	3.24	3.40	3.58	3.81	4.00	4.16	4.25	4.26	4.26	4.25	4.25	4.38	4.42	4.43	4.44	4.51	4.66	4.69	4.67	4.70	0.8%
Seat Miles Demanded (billion)	1049	1116	1149	1216	1260	1315	1365	1420	1479	1545	1609	1682	1748	1814	1872	1936	1992	2062	2127	2197	2260	2334	2399	2462	3.8%
Aircraft Sales																									
Narrow Body Aircraft	284.1	460.5	223.1	354.3	255.5	294.9	270.5	289.1	301.8	330.5	317.5	351.0	327.1	323.9	295.7	321.3	297.7	347.3	334.2	358.5	335.4	375.9	350.0	349.4	0.9%
Wide Body Aircraft	79.0	124.3	71.9	107.4	86.6	99.8	96.7	104.3	110.4	120.9	119.7	131.6	126.9	127.8	120.9	130.2	124.3	141.5	138.9	148.7	142.8	158.6	152.0	154.0	2.9%
Aircraft Stock																									
Narrow Body Aircraft	4449	4789	4890	5123	5256	5430	5578	5745	5923	6128	6317	6536	6727	6910	7059	7227	7365	7545	7705	7881	8026	8204	8347	8482	2.8%
Wide Body Aircraft	1035	1137	1186	1267	1327	1398	1465	1538	1617	1705	1792	1889	1981	2073	2156	2248	2333	2433	2529	2633	2729	2838	2938	3037	4.8%
Aircraft New Efficiency 3/																									
Narrow Body Aircraft	49.1	49.5	49.9	50.2	50.6	50.9	51.3	51.6	52.0	52.3	52.7	53.0	53.4	53.7	54.1	54.4	54.8	55.1	55.5	55.8	56.2	56.6	56.9	57.3	0.7%
Wide Body Aircraft	58.8	59.1	59.5	59.8	60.1	60.4	60.7	61.0	61.3	61.6	61.9	62.2	62.5	62.8	63.7	65.3	66.5	67.2	67.7	68.0	68.1	68.2	68.2	68.2	0.6%
Average Aircraft Efficiency	50.9	51.2	51.9	52.2	52.7	53.0	53.5	53.8	54.2	54.5	54.9	55.2	55.7	56.0	56.6	57.2	57.8	58.2	58.6	58.9	59.3	59.6	59.9	60.2	0.7%
Aircraft Stock Efficiency 3/																									
Narrow Body Aircraft	46.9	47.3	47.6	48.0	48.3	48.6	48.9	49.3	49.6	49.9	50.3	50.6	51.0	51.3	51.6	52.0	52.3	52.6	53.0	53.3	53.6	54.0	54.3	54.7	0.7%
Wide Body Aircraft	56.2	56.6	56.8	57.1	57.4	57.7	58.0	58.2	58.5	58.8	59.1	59.4	59.7	59.9	60.2	60.6	61.0	61.4	61.8	62.2	62.6	62.9	63.3	63.6	0.5%
Average Aircraft Stock Efficiency	51.0	51.4	51.7	52.1	52.5	52.8	53.2	53.5	53.9	54.3	54.6	55.0	55.3	55.7	56.0	56.4	56.8	57.2	57.6	58.1	58.4	58.9	59.2	59.6	0.7%
Seat Miles Demanded (billion)																									
Narrow Body Aircraft	542	572	583	610	626	647	665	685	706	730	753	779	802	823	841	861	878	899	918	939	956	978	995	1011	2.7%
Wide Body Aircraft	506	544	567	606	634	668	700	735	773	815	856	903	947	990	1030	1074	1115	1163	1209	1258	1304	1356	1404	1451	4.7%
Fuel Consumption (trillion Btu)																									
Commercial																									
Jet Fuel	2744	2743	2838	3275	3372	3494	3603	3723	3852	3998	4136	4295	4436	4574	4690	4817	4924	5059	5181	5314	5430	5567	5685	5798	3.3%
Aviation Gasoline	42.9	42.8	42.7	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	564.0	536.9	530.3	519.4	508.2	497.6	499.2	507.9	515.6	523.1	530.7	538.6	546.0	549.8	550.5	551.1	550.9	550.2	549.4	547.7	545.5	543.3	541.1	538.8	-0.2%

Table 54. Air Travel Energy Use Notes

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: 1997 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 1997-2008, FAA-APO 97-1, and previous editions; United States Department of Transportation (DOT), Research and Special Programs Administration (RSPA), Fuel Cost and Consumption Tables, annual summaries, 1979-1990; DOT, RSPA, Air Carrier Financial Statistics Quarterly, December 1990/1989, and prior issues; DOT, RSPA, Air Carrier Traffic Statistics Monthly, December 1997/1996, and prior issues; Greene, D.L., "Energy Efficiency Improvement Potential of Commercial Aircraft to 2010," ORNL-6622, 6/1990; Rathi, A. B. Peterson, and D. Greene, Air Transport Energy Use Model, Oak Ridge National Laboratory, April 1991, Draft; Energy Information Administration (EIA), State Energy Data Report 1995, DOE/EIA-0214(95) (Washington, DC, December 1997); Department of Defense, Defense Fuel Supply Center, Fact Book: Fiscal Year 1996; and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 55. Freight Transportation Energy Use																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Existing Trucks by Size Class																									
VMT (billion miles)																									
Medium																									
Diesel	30.8	33.6	34.1	34.8	35.7	36.5	37.2	37.9	38.9	40.0	40.9	41.8	42.6	43.3	43.8	44.3	44.7	45.4	46.1	46.5	47.0	47.5	48.1	48.5	2.0%
Gasoline	17.2	16.9	15.9	15.0	14.0	13.1	12.4	11.8	11.2	10.7	10.2	9.8	9.5	9.1	8.8	8.5	8.2	8.0	7.8	7.5	7.4	7.2	7.1	7.0	-3.9%
Liquid Petroleum Gas	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.0%
Compressed Natural Gas	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.8	1.9	2.0	2.1	14.0%
Medium Subtotal	49.2	51.6	51.1	50.8	50.8	50.8	50.7	50.8	51.4	52.0	52.7	53.3	53.9	54.5	54.8	55.2	55.5	56.1	56.7	57.0	57.4	58.0	58.4	58.8	0.8%
Heavy																									
Diesel	126.3	139.3	142.7	147.4	152.5	156.9	161.1	165.0	169.5	173.6	177.4	180.7	184.2	187.3	189.4	191.8	193.9	196.7	199.6	201.4	203.4	205.6	207.7	209.6	2.2%
Gasoline	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	-4.2%
Liquid Petroleum Gas	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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	4.1%
Compressed Natural Gas	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	16.4%
Heavy Subtotal	128.3	141.3	144.5	149.1	154.2	158.5	162.6	166.5	170.9	175.1	178.9	182.3	185.7	188.9	191.1	193.5	195.6	198.4	201.4	203.3	205.3	207.5	209.7	211.6	2.2%
Total VMT	177.5	192.8	195.6	199.9	204.9	209.2	213.4	217.3	222.3	227.1	231.6	235.5	239.6	243.4	245.9	248.7	251.1	254.5	258.1	260.2	262.7	265.5	268.1	270.4	1.8%
Consumption (trillion Btu)																									
Medium																									
Diesel	510.4	549.9	554.4	561.6	572.7	582.4	590.0	597.9	611.3	624.2	636.3	646.7	656.4	665.8	670.1	675.5	679.8	687.0	695.0	697.4	702.1	707.8	712.2	715.6	1.5%
Gasoline	288.3	281.6	265.9	249.9	233.3	218.9	206.9	195.8	186.5	177.5	169.7	162.5	155.9	149.9	143.7	138.1	132.7	128.2	124.1	119.8	116.4	113.2	110.0	107.1	-4.2%
Liquid Petroleum Gas	17.0	17.0	16.6	16.4	16.0	15.8	15.6	15.6	15.8	16.0	16.3	16.7	17.0	17.4	17.6	17.9	18.1	18.3	18.6	18.7	18.9	19.0	19.1	19.2	0.5%
Compressed Natural Gas	1.7	1.7	1.7	1.8	2.0	2.4	3.0	4.0	5.3	7.1	9.0	11.3	13.7	16.2	18.4	20.7	22.8	24.9	26.9	28.4	29.8	31.2	32.3	33.2	13.9%
Medium Subtotal	817.4	850.1	838.6	829.6	823.9	819.4	815.5	813.2	819.0	824.7	831.4	837.2	843.1	849.2	849.8	852.1	853.4	858.5	864.6	864.3	867.1	871.1	873.6	875.1	0.3%
Heavy																									
Diesel	3126	3406	3462	3547	3639	3711	3780	3839	3907	3969	4025	4072	4124	4170	4198	4234	4262	4308	4357	4384	4417	4451	4486	4514	1.6%
Gasoline	41.4	39.7	37.6	35.3	33.0	30.9	29.2	27.6	26.1	24.7	23.5	22.3	21.3	20.4	19.5	18.7	18.0	17.4	16.8	16.2	15.8	15.4	15.0	14.6	-4.4%
Liquid Petroleum Gas	2.8	2.7	2.7	2.6	2.7	2.7	2.8	2.9	3.0	3.2	3.3	3.5	3.7	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	2.5%
Compressed Natural Gas	0.6	0.6	0.7	0.7	0.9	1.1	1.5	2.0	2.6	3.5	4.5	5.6	6.8	8.0	9.1	10.2	11.2	12.2	13.2	14.0	14.7	15.4	16.0	16.5	15.3%
Heavy Subtotal	3171	3449	3503	3586	3675	3746	3814	3872	3939	4000	4056	4103	4156	4202	4231	4267	4296	4341	4391	4419	4452	4487	4522	4551	1.6%
Medium and Heavy Total																									
Diesel	3637	3956	4016	4109	4211	4293	4370	4437	4519	4593	4661	4718	4781	4836	4868	4909	4942	4995	5052	5082	5119	5159	5198	5230	1.6%
Gasoline	329.7	321.3	303.6	285.2	266.3	249.8	236.1	223.4	212.7	202.2	193.2	184.8	177.2	170.3	163.2	156.8	150.7	145.6	140.9	136.0	132.1	128.5	125.0	121.7	-4.2%
Liquid Petroleum Gas	2.3	2.3	2.4	2.5	2.9	3.5	4.5	5.9	8.0	10.6	13.5	17.0	20.5	24.1	27.5	30.9	34.0	37.2	40.1	42.4	44.6	46.6	48.3	49.7	14.3%
Compressed Natural Gas	19.8	19.7	19.2	19.1	18.6	18.5	18.4	18.4	18.8	19.2	19.7	20.2	20.7	21.3	21.7	22.0	22.3	22.7	23.1	23.3	23.6	23.8	24.0	24.1	0.9%
Total	3989	4299	4341	4416	4499	4565	4629	4685	4758	4825	4888	4940	4999	5052	5080	5119	5149	5200	5256	5284	5319	5358	5395	5426	1.3%
Fuel Efficiency (Gasoline Equivalent)																									
Medium																									
Diesel	7.60	7.69	7.73	7.79	7.84	7.87	7.91	7.98	8.01	8.05	8.10	8.11	8.16	8.19	8.22	8.25	8.29	8.32	8.35	8.38	8.42	8.45	8.49	8.53	0.5%
Gasoline	7.53	7.54	7.53	7.55	7.51	7.56	7.52	7.55	7.54	7.56	7.60	7.60	7.64	7.67	7.69	7.72	7.76	7.81	7.86	7.91	7.97	8.03	8.09	8.16	0.4%
Liquid Petroleum Gas	7.66	7.57	7.53	7.57	7.60	7.57	7.55	7.57	7.58	7.61	7.64	7.68	7.73	7.77	7.82	7.87	7.92	7.97	8.03	8.08	8.14	8.20	8.27	8.33	0.4%
Compressed Natural Gas	7.83	7.75	7.66	7.71	7.66	7.56	7.54	7.54	7.56	7.58	7.60	7.62	7.64	7.66	7.68	7.70	7.72	7.75	7.77	7.79	7.81	7.83	7.86	7.88	0.0%
Medium Average	7.58	7.64	7.66	7.72	7.75	7.78	7.81	7.87	7.89	7.93	7.98	8.00	8.05	8.08	8.11	8.15	8.18	8.22	8.26	8.29	8.33	8.37	8.41	8.46	0.5%
Heavy																									
Diesel	5.10	5.15	5.19	5.23	5.27	5.32	5.36	5.41	5.46	5.50	5.54	5.57	5.62	5.65	5.67	5.70	5.72	5.74	5.76	5.77	5.79	5.81	5.82	5.84	0.6%
Gasoline	5.68	5.66	5.62	5.59	5.59	5.60	5.58	5.57	5.57	5.58	5.58	5.59	5.61	5.63	5.65	5.67	5.70	5.74	5.77	5.81	5.85	5.89	5.94	5.98	0.2%
Liquid Petroleum Gas	5.60	5.69	5.75	5.97	6.08	6.22	6.38	6.56	6.72	6.90	7.00	7.13	7.26	7.38	7.47	7.57	7.65	7.73	7.80	7.86	7.91	7.95	7.99	8.02	1.6%
Compressed Natural Gas	6.02	6.12	6.19	6.34	6.56	6.77	6.95	7.10	7.22	7.31	7.36	7.40	7.44	7.46	7.48	7.50	7.51	7.53	7.54	7.55	7.55	7.56	7.56	7.56	1.0%
Heavy Average	5.10	5.16	5.19	5.23	5.28	5.32	5.36	5.42	5.46	5.51	5.54	5.58	5.62	5.65	5.68	5.70	5.72	5.75	5.76	5.78	5.80	5.81	5.83	5.85	0.6%
Average	5.61	5.65	5.67	5.70	5.73	5.77	5.80	5.84	5.88	5.92	5.96	5.99	6.03	6.06	6.08	6.11	6.13	6.15	6.17	6.19	6.21	6.23	6.25	6.27	0.5%

Table 55. Freight Transportation Energy Use																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Stock (millions)																									
Medium																									
Diesel	1.25	1.32	1.35	1.38	1.42	1.46	1.49	1.51	1.54	1.57	1.60	1.63	1.65	1.67	1.68	1.70	1.71	1.73	1.75	1.76	1.77	1.79	1.80	1.81	1.6%
Gasoline	1.99	1.88	1.76	1.65	1.56	1.46	1.37	1.29	1.22	1.15	1.08	1.02	0.97	0.92	0.87	0.83	0.79	0.76	0.73	0.70	0.67	0.65	0.63	0.61	-5.0%
Liquid Petroleum Gas	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	-0.3%
Compressed Natural Gas	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.07	9.7%
Medium Subtotal	3.31	3.27	3.18	3.10	3.04	2.98	2.93	2.87	2.82	2.79	2.75	2.73	2.70	2.68	2.65	2.63	2.61	2.60	2.59	2.58	2.57	2.56	2.56	2.55	-1.1%
Heavy																									
Diesel	2.53	2.66	2.69	2.75	2.84	2.92	2.98	3.03	3.10	3.17	3.24	3.30	3.35	3.40	3.44	3.48	3.52	3.56	3.61	3.65	3.68	3.71	3.75	3.78	1.8%
Gasoline	0.31	0.28	0.26	0.24	0.22	0.21	0.19	0.18	0.16	0.15	0.14	0.14	0.13	0.12	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.08	0.08	-5.6%
Liquid Petroleum Gas	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	2.6%
Compressed Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.05	13.2%
Heavy Subtotal	2.84	2.95	2.97	3.01	3.08	3.13	3.18	3.23	3.28	3.35	3.40	3.46	3.51	3.56	3.59	3.63	3.67	3.71	3.76	3.79	3.82	3.86	3.90	3.93	1.4%
Total Stock	6.16	6.22	6.15	6.11	6.12	6.12	6.11	6.10	6.11	6.14	6.16	6.19	6.21	6.23	6.24	6.26	6.27	6.31	6.35	6.37	6.39	6.42	6.45	6.48	0.2%
New Trucks by Size Class																									
Fuel Efficiency (gasoline equivalent)																									
Medium																									
Diesel	8.24	8.25	8.26	8.27	8.30	8.33	8.36	8.40	8.44	8.47	8.51	8.54	8.58	8.61	8.64	8.67	8.71	8.75	8.79	8.83	8.88	8.93	8.99	9.04	0.4%
Gasoline	8.49	8.51	8.52	8.53	8.57	8.61	8.65	8.69	8.73	8.78	8.82	8.87	8.91	8.96	9.00	9.05	9.10	9.15	9.21	9.27	9.33	9.39	9.46	9.54	0.5%
Liquid Petroleum Gas	7.64	7.66	7.68	7.71	7.75	7.79	7.85	7.91	7.98	8.06	8.13	8.20	8.27	8.33	8.40	8.46	8.53	8.59	8.66	8.73	8.81	8.90	8.99	9.08	0.8%
Compressed Natural Gas	7.43	7.47	7.49	7.52	7.54	7.56	7.58	7.60	7.62	7.65	7.67	7.70	7.73	7.76	7.79	7.81	7.84	7.87	7.91	7.94	7.98	8.02	8.06	8.10	0.4%
Medium Average	8.26	8.28	8.28	8.29	8.32	8.35	8.38	8.41	8.44	8.47	8.51	8.54	8.57	8.60	8.63	8.66	8.70	8.74	8.78	8.83	8.88	8.93	8.98	9.04	0.4%
Heavy																									
Diesel	5.58	5.61	5.63	5.66	5.71	5.77	5.84	5.92	5.99	6.00	6.02	6.03	6.04	6.05	6.05	6.06	6.07	6.07	6.08	6.09	6.11	6.12	6.13	6.15	0.4%
Gasoline	6.58	6.61	6.62	6.65	6.70	6.73	6.75	6.78	6.80	6.82	6.83	6.85	6.86	6.88	6.89	6.90	6.91	6.93	6.94	6.96	6.98	7.01	7.04	7.08	0.3%
Liquid Petroleum Gas	7.53	7.55	7.58	7.61	7.65	7.70	7.75	7.83	7.91	8.01	8.10	8.19	8.27	8.33	8.38	8.42	8.45	8.46	8.46	8.46	8.47	8.47	8.47	8.47	0.5%
Compressed Natural Gas	7.11	7.19	7.25	7.30	7.35	7.39	7.43	7.47	7.50	7.52	7.53	7.55	7.56	7.57	7.59	7.60	7.60	7.61	7.62	7.63	7.63	7.64	7.64	7.65	0.3%
Heavy Average	5.58	5.61	5.63	5.66	5.71	5.78	5.85	5.92	5.99	6.01	6.03	6.04	6.05	6.06	6.06	6.07	6.08	6.09	6.09	6.11	6.12	6.13	6.14	6.16	0.4%
Average	5.91	6.02	6.05	6.05	6.12	6.18	6.25	6.33	6.39	6.42	6.43	6.45	6.47	6.47	6.47	6.49	6.50	6.52	6.53	6.54	6.57	6.59	6.60	6.62	0.5%
Sales (millions)																									
Medium																									
Diesel	0.07	0.13	0.09	0.09	0.11	0.11	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.11	1.9%
Gasoline	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.03	0.03	0.02	-0.6%
Liquid Petroleum Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.1%
Compressed Natural Gas	0.00	0.00	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	18.6%
Medium Subtotal	0.10	0.17	0.12	0.13	0.15	0.14	0.14	0.14	0.14	0.15	0.14	0.15	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.14	0.15	0.15	0.15	1.5%
Heavy																									
Diesel	0.20	0.26	0.17	0.20	0.23	0.22	0.21	0.21	0.22	0.23	0.23	0.23	0.22	0.23	0.22	0.22	0.22	0.23	0.24	0.23	0.23	0.24	0.24	0.24	0.7%
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	0.00	0.00	0.00	0.9%
Liquid Petroleum Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.2%
Compressed Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.8%
Heavy Subtotal	0.20	0.26	0.17	0.20	0.23	0.22	0.22	0.21	0.23	0.24	0.23	0.24	0.23	0.24	0.23	0.23	0.23	0.24	0.25	0.24	0.24	0.25	0.25	0.25	0.8%
Total Sales	0.31	0.43	0.29	0.33	0.38	0.36	0.35	0.35	0.37	0.39	0.37	0.39	0.37	0.38	0.36	0.37	0.37	0.39	0.41	0.38	0.38	0.40	0.40	0.39	1.0%

Table 55. Freight Transportation Energy Use																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Railroads																									
Ton Miles by Rail (billion ton miles)	1229	1268	1283	1305	1342	1360	1375	1389	1411	1443	1466	1485	1502	1519	1549	1565	1579	1598	1620	1646	1665	1682	1704	1719	1.5%
Fuel Efficiency (TM per thousand Btu)	2.73	2.74	2.76	2.77	2.79	2.80	2.81	2.83	2.84	2.86	2.87	2.89	2.90	2.91	2.93	2.94	2.96	2.97	2.99	3.00	3.02	3.03	3.05	3.06	0.5%
Fuel Consumption (trillion Btu)																									
Diesel (distillate)	450.1	462.1	465.2	470.6	481.7	485.5	488.4	491.0	496.2	505.2	510.7	514.6	517.7	521.1	528.8	531.7	533.6	537.5	542.1	547.8	551.6	554.5	558.7	560.9	1.0%
Residual Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Domestic Shipping																									
Ton Miles Shipping (billion ton miles)	756.5	767.9	771.2	778.8	790.0	797.4	806.1	813.7	825.5	837.9	849.0	858.9	869.1	879.5	888.8	897.9	905.9	917.5	928.3	935.8	944.0	951.8	958.5	964.0	1.1%
Fuel Efficiency (TM per thousand Btu)	2.44	2.45	2.46	2.48	2.49	2.50	2.51	2.53	2.54	2.55	2.56	2.58	2.59	2.60	2.62	2.63	2.64	2.66	2.67	2.68	2.70	2.71	2.72	2.74	0.5%
Fuel Consumption (trillion Btu)																									
Diesel (distillate)	218.0	220.4	220.5	221.6	223.6	224.6	225.9	226.9	229.0	231.3	233.2	234.8	236.4	238.0	239.3	240.5	241.5	243.3	245.0	245.7	246.6	247.4	247.9	248.1	0.6%
Residual Oil	92.11	92.87	92.49	92.93	93.79	94.20	94.75	95.16	96.07	97.02	97.81	98.46	99.13	99.81	100.4	100.9	101.3	102.1	102.7	103.1	103.4	103.8	104.0	104.1	0.5%
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	0.00	0.00	0.00	N/A
International Shipping																									
Gross Trade (billion 1987 dollars)	1646	1754	1844	1974	2114	2261	2435	2617	2825	3046	3284	3531	3796	4081	4344	4591	4851	5128	5438	5747	6059	6380	6718	7072	6.5%
Exports (billion 1987 dollars)	726	729	746	809	889	967	1048	1137	1241	1350	1465	1582	1706	1834	1949	2054	2164	2280	2401	2521	2642	2763	2880	2998	6.4%
Imports (billion 1987 dollars)	919	1025	1098	1166	1226	1294	1387	1480	1583	1696	1819	1949	2091	2247	2395	2536	2687	2848	3038	3225	3417	3618	3838	4075	6.7%
Fuel Consumption (trillion Btu)																									
Diesel (distillate)	66.21	69.04	71.00	73.47	75.98	78.50	81.41	84.27	87.43	90.66	94.00	97.33	100.8	104.4	107.6	110.4	113.4	116.4	119.8	123.0	126.2	129.3	132.6	136.0	3.2%
Residual Oil	648.7	506.1	621.6	643.2	665.2	687.2	712.7	737.7	765.4	793.7	822.9	852.1	882.4	913.7	941.6	966.8	992.5	1019	1049	1077	1104	1132	1161	1190	2.7%

VMT = Vehicle Miles Traveled

MPG = Miles per gallon.

Btu = British thermal unit.

N/A = Not applicable.

Sources: 1997 derived using: Oak Ridge National Laboratory, Transportation Energy Data Book: 12, 13, 14, 15, 16, and 17 (August 1997); United States Department of Transportation, 1989 Carload 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, "Truck Inventory and U.S. Survey," TC92-T-52, (Washington, DC, May 1995); Federal Highway Administration, Highway Statistics 1996 (Washington, DC, November 1997); and Energy Information Administration (EIA), AEO99 National Energy Modeling System run AEO99B.D100198A. Projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 56. New Light-Duty Vehicle Fuel Economy (Miles per Gallon)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Methanol Flex																									
Minicompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Subcompact Cars	36.42	35.69	36.43	36.62	36.88	37.24	37.65	38.06	38.27	38.60	38.88	39.09	39.28	39.36	39.54	39.57	39.51	39.41	39.43	39.43	39.27	39.24	39.20	39.12	0.3%
Compact Cars	30.69	30.13	30.66	30.86	31.06	31.37	31.78	32.12	32.34	32.66	32.97	33.20	33.34	33.47	33.66	33.67	33.62	33.54	33.55	33.55	33.42	33.40	33.36	33.29	0.4%
Midsize Cars	28.98	28.72	29.18	29.38	29.55	29.86	30.20	30.39	30.63	30.96	31.30	31.53	31.73	31.91	32.15	32.17	32.18	32.17	32.23	32.26	32.17	32.18	32.20	32.17	0.5%
Large Cars	27.11	27.08	27.41	27.59	27.70	28.03	28.55	28.75	28.99	29.33	29.68	29.96	30.24	30.60	31.02	31.09	31.16	31.23	31.32	31.38	31.37	31.43	31.48	31.50	0.7%
2-Seater Cars	29.03	29.27	29.82	30.14	30.43	30.89	31.49	31.77	32.24	32.78	33.28	33.66	34.02	34.36	34.72	34.83	34.94	35.05	35.19	35.31	35.34	35.41	35.51	35.56	0.9%
Small Pickup	25.43	25.05	25.20	25.22	25.16	25.22	25.41	25.44	25.44	25.50	25.61	25.72	25.81	25.95	26.09	26.20	26.31	26.40	26.54	26.62	26.62	26.70	26.79	26.72	0.2%
Large Pickup	18.78	18.64	18.65	18.68	18.68	18.71	18.76	18.71	18.80	18.96	19.11	19.21	19.34	19.53	19.72	19.89	20.02	20.16	20.32	20.49	20.60	20.77	20.96	20.92	0.5%
Small Van	23.03	22.66	22.79	22.84	22.81	22.91	23.10	23.14	23.19	23.32	23.50	23.66	23.79	23.97	24.14	24.26	24.39	24.51	24.67	24.78	24.78	24.86	24.96	24.92	0.3%
Large Van	18.27	18.24	18.40	18.51	18.57	18.77	19.05	19.12	19.32	19.58	19.86	20.07	20.26	20.52	20.76	20.94	21.10	21.26	21.43	21.61	21.75	21.96	22.19	22.18	0.8%
Small Utility	21.28	21.11	21.29	21.42	21.38	21.49	21.71	21.75	21.82	21.96	22.14	22.32	22.47	22.66	22.84	22.96	23.10	23.23	23.38	23.48	23.50	23.60	23.72	23.70	0.5%
Large Utility	16.66	16.50	16.62	16.71	16.75	16.92	17.13	17.19	17.38	17.62	17.86	18.04	18.20	18.44	18.67	18.80	18.93	19.05	19.20	19.34	19.44	19.58	19.76	19.74	0.7%
Ethanol																									
Minicompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Subcompact Cars	37.11	36.36	37.10	37.30	37.56	37.93	38.34	38.75	38.97	39.30	39.59	39.79	39.99	40.07	40.25	40.29	40.22	40.12	40.13	40.13	39.96	39.94	39.89	39.81	0.3%
Compact Cars	31.27	30.70	31.24	31.44	31.64	31.95	32.37	32.71	32.93	33.26	33.57	33.80	33.93	34.06	34.26	34.28	34.23	34.14	34.15	34.15	34.01	33.99	33.95	33.88	0.3%
Midsize Cars	29.53	29.26	29.73	29.93	30.11	30.42	30.77	30.96	31.20	31.54	31.87	32.11	32.31	32.49	32.73	32.76	32.77	32.75	32.82	32.85	32.76	32.76	32.77	32.75	0.5%
Large Cars	27.63	27.59	27.93	28.11	28.23	28.56	29.08	29.30	29.54	29.88	30.23	30.51	30.79	31.16	31.58	31.65	31.72	31.80	31.89	31.96	31.94	32.00	32.05	32.08	0.7%
2-Seater Cars	29.58	29.82	30.37	30.70	31.00	31.47	32.08	32.36	32.84	33.39	33.89	34.27	34.63	34.98	35.34	35.45	35.57	35.68	35.81	35.94	35.97	36.05	36.14	36.19	0.9%
Small Pickup	25.92	25.53	25.68	25.70	25.64	25.70	25.89	25.92	25.91	25.98	26.09	26.20	26.29	26.42	26.57	26.68	26.79	26.88	27.02	27.10	27.10	27.18	27.27	27.20	0.2%
Large Pickup	19.14	19.00	19.01	19.04	19.04	19.06	19.11	19.07	19.16	19.32	19.47	19.57	19.70	19.90	20.09	20.26	20.40	20.54	20.69	20.86	20.97	21.15	21.34	21.30	0.5%
Small Van	23.47	23.09	23.23	23.27	23.24	23.34	23.53	23.57	23.61	23.75	23.93	24.09	24.22	24.40	24.57	24.69	24.83	24.95	25.10	25.21	25.22	25.30	25.40	25.35	0.3%
Large Van	18.62	18.59	18.75	18.87	18.92	19.12	19.41	19.48	19.68	19.95	20.23	20.45	20.64	20.90	21.13	21.32	21.49	21.65	21.82	22.00	22.14	22.35	22.59	22.57	0.8%
Small Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Large Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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																									
Minicompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Subcompact Cars	36.07	35.36	36.10	36.29	36.54	36.90	37.31	37.72	37.92	38.25	38.54	38.74	38.93	39.01	39.19	39.22	39.17	39.07	39.09	39.08	38.93	38.90	38.86	38.78	0.3%
Compact Cars	30.41	29.85	30.37	30.57	30.77	31.08	31.49	31.83	32.05	32.37	32.67	32.90	33.04	33.17	33.37	33.37	33.32	33.25	33.26	33.26	33.12	33.10	33.07	33.00	0.4%
Midsize Cars	28.71	28.45	28.91	29.10	29.28	29.58	29.92	30.11	30.35	30.68	31.01	31.24	31.44	31.63	31.86	31.88	31.89	31.89	31.94	31.97	31.88	31.90	31.91	31.88	0.5%
Large Cars	26.85	26.82	27.15	27.33	27.44	27.76	28.28	28.48	28.72	29.05	29.40	29.68	29.96	30.32	30.74	30.81	30.88	30.95	31.03	31.10	31.08	31.14	31.19	31.22	0.7%
2-Seater Cars	28.76	29.00	29.54	29.86	30.14	30.61	31.20	31.47	31.94	32.48	32.98	33.35	33.71	34.05	34.41	34.52	34.63	34.74	34.87	34.99	35.02	35.09	35.19	35.24	0.9%
Small Pickup	25.19	24.81	24.96	24.99	24.92	24.99	25.17	25.21	25.20	25.26	25.37	25.48	25.58	25.71	25.85	25.96	26.07	26.16	26.30	26.38	26.38	26.46	26.55	26.49	0.2%
Large Pickup	18.60	18.46	18.48	18.51	18.50	18.53	18.58	18.53	18.62	18.78	18.93	19.02	19.16	19.35	19.54	19.70	19.84	19.98	20.13	20.30	20.41	20.58	20.77	20.73	0.5%
Small Van	22.81	22.44	22.58	22.63	22.60	22.70	22.89	22.93	22.97	23.11	23.29	23.44	23.58	23.75	23.92	24.04	24.18	24.30	24.45	24.56	24.56	24.64	24.74	24.71	0.3%
Large Van	18.09	18.07	18.22	18.34	18.39	18.59	18.88	18.94	19.14	19.40	19.68	19.89	20.08	20.33	20.57	20.76	20.91	21.07	21.24	21.42	21.55	21.76	21.99	21.98	0.8%
Small Utility	21.07	20.91	21.09	21.21	21.18	21.29	21.51	21.56	21.62	21.75	21.94	22.12	22.27	22.45	22.64	22.76	22.90	23.02	23.18	23.28	23.30	23.39	23.52	23.50	0.5%
Large Utility	16.50	16.34	16.46	16.55	16.59	16.76	16.97	17.03	17.21	17.45	17.69	17.87	18.04	18.28	18.50	18.63	18.76	18.88	19.03	19.17	19.27	19.41	19.59	19.56	0.7%

Table 56. New Light-Duty Vehicle Fuel Economy (Miles per Gallon)																											
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020		
Fuel Cell Methanol																											
Minicompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Subcompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Compact Cars	57.00	56.65	56.07	55.76	55.34	55.04	54.74	54.09	53.80	53.52	53.23	52.99	52.77	52.58	52.40	52.25	52.12	51.98	51.90	51.78	51.58	51.50	51.45	51.37	51.37	-0.5%	
Midsize Cars	49.76	49.45	48.95	48.69	48.32	48.07	47.87	47.36	47.13	46.91	46.69	46.51	46.34	46.19	46.04	45.90	45.80	45.67	45.61	45.53	45.40	45.35	45.31	45.23	45.23	-0.4%	
Large Cars	44.59	44.26	43.82	43.56	43.25	43.01	42.68	42.19	41.96	41.74	41.54	41.34	41.17	41.03	40.86	40.73	40.60	40.46	40.41	40.36	40.27	40.21	40.18	40.12	40.12	-0.5%	
2-Seater Cars	52.90	52.59	52.15	51.81	51.36	51.05	50.73	50.11	49.80	49.49	49.18	48.93	48.70	48.50	48.29	48.10	47.92	47.76	47.66	47.53	47.35	47.29	47.23	47.15	47.15	-0.5%	
Small Pickup	50.24	49.84	49.40	48.96	48.39	47.97	47.59	46.92	46.48	46.05	45.66	45.25	44.88	44.50	44.17	43.84	43.55	43.28	43.04	42.83	42.59	42.43	42.28	42.10	42.10	-0.8%	
Large Pickup	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Small Van	42.73	42.48	42.24	41.96	41.50	41.21	40.97	40.48	40.14	39.82	39.52	39.20	38.87	38.58	38.36	38.09	37.84	37.60	37.38	37.19	36.98	36.84	36.71	36.56	36.56	-0.7%	
Large Van	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Small Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Large Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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																											
Minicompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Subcompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Compact Cars	62.50	62.11	61.49	61.14	60.68	60.35	60.03	59.31	58.99	58.68	58.36	58.10	57.86	57.66	57.45	57.29	57.15	56.99	56.91	56.77	56.56	56.47	56.42	56.33	56.33	-0.5%	
Midsize Cars	54.56	54.22	53.67	53.39	52.98	52.71	52.48	51.93	51.68	51.44	51.20	51.00	50.81	50.65	50.48	50.33	50.21	50.08	50.01	49.93	49.78	49.73	49.68	49.60	49.60	-0.4%	
Large Cars	48.90	48.53	48.05	47.76	47.43	47.16	46.80	46.26	46.01	45.77	45.55	45.33	45.15	44.99	44.81	44.66	44.51	44.36	44.31	44.26	44.16	44.09	44.06	43.99	43.99	-0.5%	
2-Seater Cars	58.00	57.66	57.18	56.81	56.32	55.98	55.63	54.95	54.60	54.26	53.92	53.65	53.40	53.18	52.95	52.74	52.55	52.37	52.26	52.11	51.92	51.86	51.79	51.70	51.70	-0.5%	
Small Pickup	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Large Pickup	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Small Van	46.85	46.58	46.32	46.00	45.51	45.18	44.93	44.39	44.01	43.66	43.34	42.98	42.62	42.31	42.06	41.77	41.49	41.23	40.99	40.78	40.55	40.40	40.25	40.08	40.08	-0.7%	
Large Van	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Small Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Large Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 Gasoline																											
Minicompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Subcompact Cars	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Compact Cars	53.41	53.08	52.54	52.25	51.85	51.58	51.30	50.68	50.41	50.15	49.87	49.65	49.45	49.27	49.10	48.96	48.84	48.70	48.63	48.52	48.34	48.26	48.21	48.14	48.14	-0.5%	
Midsize Cars	46.63	46.34	45.86	45.63	45.28	45.04	44.85	44.38	44.16	43.96	43.75	43.58	43.42	43.28	43.14	43.01	42.91	42.80	42.74	42.66	42.54	42.50	42.46	42.38	42.38	-0.4%	
Large Cars	41.78	41.47	41.06	40.81	40.53	40.30	39.99	39.53	39.32	39.11	38.92	38.74	38.58	38.45	38.29	38.16	38.04	37.91	37.87	37.82	37.73	37.68	37.65	37.59	37.59	-0.5%	
2-Seater Cars	49.57	49.28	48.87	48.55	48.13	47.84	47.54	46.96	46.66	46.37	46.08	45.85	45.63	45.44	45.25	45.07	44.90	44.76	44.66	44.54	44.37	44.31	44.26	44.18	44.18	-0.5%	
Small Pickup	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Large Pickup	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Small Van	40.04	39.81	39.58	39.31	38.89	38.61	38.39	37.93	37.61	37.31	37.04	36.73	36.42	36.15	35.94	35.69	35.45	35.23	35.03	34.85	34.65	34.52	34.40	34.25	34.25	-0.7%	
Large Van	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Small Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	
Large Utility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	

N/A = Not applicable.

Sources: 1997 derived using: Energy and Environmental Analysis Inc., Updates to the Fuels Economy Model, prepared for Energy Information Administration (EIA) (Washington, DC, June 1998); and and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projection: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 57. New Light-Duty Vehicle Prices (Thousands 1990 Dollars)																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
LPG Bi-Fuel																										
Minicompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Compact Cars	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.2	20.3	20.3	20.3	20.2	20.3	20.3	20.3	20.3	20.4	20.5	20.5	20.6	20.7	20.8	20.9	21.0	0.3%	
Midsize Cars	23.3	23.0	23.2	23.1	23.2	23.3	23.3	23.6	23.6	23.7	23.7	23.6	23.6	23.6	23.7	23.7	23.8	23.8	23.8	23.9	24.0	24.1	24.2	24.3	0.2%	
Large Cars	24.6	24.8	25.1	25.1	25.3	25.3	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.8	25.8	0.2%	
2-Seater Cars	20.4	20.5	20.9	20.9	21.1	21.1	21.1	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.8	21.8	0.3%	
Small Pickup	18.2	18.4	18.5	18.6	18.7	18.7	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.3	19.4	19.4	19.5	0.3%	
Large Pickup	22.6	22.6	22.7	22.7	22.8	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.2	0.1%	
Small Van	24.1	24.3	24.5	24.6	24.7	24.7	25.0	25.0	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.1	25.1	25.2	25.2	25.3	25.4	25.4	25.4	0.2%	
Large Van	22.8	22.9	22.9	23.0	23.1	23.2	23.2	23.5	23.5	23.4	23.4	23.4	23.4	23.3	23.3	23.3	23.3	23.2	23.3	23.3	23.3	23.3	23.3	23.4	23.4	0.1%
Small Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Large Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Electric																										
Minicompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Subcompact Cars	28.1	28.0	28.1	28.0	28.0	27.8	18.1	18.8	19.1	19.4	19.7	19.5	19.2	19.0	18.8	18.6	18.5	18.3	18.2	18.3	18.3	18.3	18.4	18.4	-1.8%	
Compact Cars	32.9	32.7	32.8	32.7	32.6	32.4	22.8	23.5	23.9	24.2	24.5	24.2	24.0	23.7	23.4	23.2	23.0	22.9	22.7	22.7	22.8	22.9	22.9	22.9	-1.5%	
Midsize Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Large Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
2-Seater Cars	33.9	33.8	33.9	33.7	33.7	33.4	27.4	27.7	27.8	27.8	27.2	26.6	26.0	25.4	24.9	24.4	24.0	23.8	23.8	23.9	24.0	24.0	24.0	24.0	-1.5%	
Small Pickup	31.6	31.4	31.5	31.4	31.3	31.1	25.4	26.4	26.9	27.5	28.1	27.9	27.6	27.3	27.2	27.1	27.1	27.0	26.9	27.2	27.5	27.9	28.2	28.7	-0.4%	
Large Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Small Van	38.6	38.4	38.5	38.3	38.2	37.9	33.1	34.7	36.0	37.3	38.6	38.3	37.9	37.5	37.4	37.3	37.4	37.4	37.4	38.0	38.5	38.7	38.8	38.9	0.0%	
Large Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Small Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Large Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Diesel-Electric Hybrid																										
Minicompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Subcompact Cars	39.4	39.4	39.7	39.7	39.8	39.8	25.2	25.3	25.3	25.2	25.1	25.1	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.1	25.2	25.3	25.3	25.3	-1.9%	
Compact Cars	46.3	46.3	46.6	46.7	46.8	46.7	29.7	29.8	29.7	29.6	29.5	29.5	29.4	29.3	29.3	29.2	29.2	29.2	29.2	29.3	29.4	29.5	29.5	29.6	-1.9%	
Midsize Cars	52.0	52.0	52.3	52.3	52.5	52.4	32.9	33.0	32.8	32.7	32.6	32.4	32.3	32.2	32.2	32.1	32.1	32.0	32.0	32.1	32.1	32.2	32.3	32.3	-2.0%	
Large Cars	56.4	56.4	56.7	56.7	56.8	56.7	34.8	34.9	34.7	34.5	34.4	34.2	34.1	33.9	33.8	33.7	33.7	33.6	33.6	33.6	33.7	33.7	33.8	33.8	-2.2%	
2-Seater Cars	48.6	48.6	48.9	48.9	49.0	49.0	30.5	30.6	30.5	30.3	30.2	30.1	30.0	29.9	29.8	29.7	29.6	29.6	29.6	29.7	29.7	29.8	29.8	29.8	-2.1%	
Small Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Large Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Small Van	56.8	56.8	57.1	57.1	57.2	57.1	34.4	34.5	34.3	34.1	34.0	33.8	33.7	33.5	33.4	33.3	33.3	33.2	33.2	33.3	33.3	33.4	33.5	33.5	-2.3%	
Large Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
Small Utility	59.5	59.5	59.6	59.7	59.8	59.7	36.2	34.9	33.5	32.5	31.7	31.1	30.7	30.4	30.3	30.2	30.2	30.2	30.2	30.4	30.6	30.8	31.0	31.1	-2.8%	
Large Utility	67.7	67.8	67.8	67.8	67.9	67.8	39.2	39.2	39.0	38.7	38.5	38.3	38.1	37.8	37.7	37.5	37.4	37.4	37.3	37.3	37.4	37.4	37.5	37.5	-2.5%	

Table 57. New Light-Duty Vehicle Prices (Thousands 1990 Dollars)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Fuel Cell Methanol																									
Minicompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Compact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.6	68.0	62.3	57.4	53.2	49.5	46.4	43.7	41.4	39.4	37.7	36.2	35.0	34.0	33.0	32.2	N/A
Midsize Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.9	76.4	69.9	64.3	59.4	55.2	51.6	48.6	45.9	43.7	41.7	40.1	38.7	37.4	36.4	35.5	N/A
Large Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.9	83.5	76.2	70.0	64.5	59.8	55.8	52.3	49.4	46.9	44.6	42.8	41.2	39.8	38.6	37.6	N/A
2-Seater Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.0	72.0	65.9	60.6	56.0	52.0	48.6	45.7	43.2	41.1	39.2	37.6	36.3	35.1	34.1	33.2	N/A
Small Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.9	72.5	66.1	60.5	55.7	51.5	47.8	44.7	42.0	39.7	37.7	36.0	34.5	33.2	32.1	31.2	N/A
Large Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Small Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.2	85.6	78.1	71.6	66.0	61.2	57.0	53.3	50.3	47.6	45.3	43.3	41.6	40.1	38.8	37.7	N/A
Large Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Small Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Large Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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																									
Minicompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Compact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.3	60.7	56.8	53.4	50.4	47.9	45.7	43.8	42.2	40.9	39.7	38.7	37.9	37.1	36.5	36.0	N/A
Midsize Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.5	67.3	62.8	58.9	55.5	52.6	50.1	48.0	46.2	44.6	43.3	42.1	41.2	40.3	39.6	39.0	N/A
Large Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.5	72.7	67.6	63.3	59.5	56.2	53.4	51.0	49.0	47.2	45.7	44.4	43.3	42.4	41.6	40.9	N/A
2-Seater Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.5	63.6	59.4	55.7	52.5	49.8	47.4	45.4	43.7	42.2	40.9	39.8	38.9	38.1	37.4	36.8	N/A
Small Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Large Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Small Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	74.0	68.8	64.3	60.4	57.0	54.1	51.6	49.4	47.6	46.0	44.6	43.5	42.5	41.6	40.8	N/A
Large Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Small Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Large Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 Gasoline																									
Minicompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Subcompact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Compact Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.8	74.3	67.8	62.1	57.2	53.0	49.4	46.2	43.6	41.3	39.3	37.6	36.2	35.0	33.9	33.0	N/A
Midsize Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.2	83.5	76.1	69.6	64.0	59.2	55.0	51.5	48.4	45.8	43.6	41.6	39.9	38.2	36.7	35.5	N/A
Large Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.3	91.6	83.2	75.9	69.7	64.2	59.6	55.6	52.2	49.3	46.7	44.5	42.7	41.1	39.7	38.6	N/A
2-Seater Cars	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.9	78.8	71.7	65.6	60.4	55.8	51.9	48.5	45.6	43.1	41.0	39.2	37.6	36.2	35.1	34.1	N/A
Small Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Large Pickup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Small Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104.0	94.0	85.4	77.9	71.5	65.9	61.0	56.8	53.3	50.2	47.5	45.2	43.3	41.6	40.1	38.8	N/A
Large Van	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Small Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
Large Utility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

N/A = Not applicable.

Sources: 1997 derived using: Energy and Environmental Analysis Inc., Updates to the Fuels Economy Model, prepared for Energy Information Administration (EIA) (Washington, DC, June 1998); and and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projection: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 58. New Light-Duty Vehicle Range (Miles)																							1997-2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Methanol Flex																									
Minicompact Cars	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
Subcompact Cars	259	254	260	261	263	266	269	272	274	276	278	279	281	281	283	283	283	282	282	281	281	280	280	280	0.3%
Compact Cars	252	247	252	253	255	258	261	264	266	269	271	273	274	275	277	277	276	276	276	276	275	275	274	274	0.4%
Midsize Cars	261	259	263	265	267	269	272	274	277	280	283	285	286	288	290	290	291	291	291	291	291	291	291	291	0.5%
Large Cars	289	288	292	294	295	299	304	306	309	312	316	319	322	326	331	331	332	333	334	334	334	335	336	336	0.7%
2-Seater Cars	246	248	252	255	258	261	267	269	273	278	282	285	288	291	294	295	296	297	298	299	299	300	301	301	0.9%
Small Pickup	236	233	234	235	234	235	236	237	237	237	239	239	240	242	243	244	245	246	247	248	248	249	250	249	0.2%
Large Pickup	231	229	229	230	229	230	230	230	231	233	235	236	238	240	242	244	246	248	250	252	253	255	258	257	0.5%
Small Van	252	247	249	250	249	250	253	253	254	255	257	259	260	262	264	265	267	268	270	271	271	272	273	273	0.4%
Large Van	249	249	251	253	253	256	260	261	264	267	271	274	277	280	283	286	288	290	293	295	297	300	303	303	0.9%
Small Utility	232	230	233	234	234	235	237	238	239	240	242	244	246	248	250	251	253	254	256	257	257	258	260	259	0.5%
Large Utility	273	270	272	274	274	277	281	282	285	289	293	296	298	302	306	308	310	312	315	317	319	321	324	324	0.7%
Ethanol																									
Minicompact Cars	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
Subcompact Cars	346	339	347	349	351	355	359	363	365	368	371	373	374	375	377	377	377	376	376	376	374	374	374	373	0.3%
Compact Cars	336	330	336	338	340	344	348	352	355	358	361	364	366	367	369	369	369	368	368	368	366	366	366	365	0.4%
Midsize Cars	348	345	351	353	356	359	363	366	369	373	377	380	382	384	387	387	387	387	388	388	387	388	388	387	0.5%
Large Cars	385	384	389	392	393	398	405	408	412	417	422	426	430	435	441	442	443	444	445	446	446	447	447	448	0.7%
2-Seater Cars	328	330	336	340	343	349	355	359	364	370	376	380	384	388	392	393	395	396	397	399	399	400	401	402	0.9%
Small Pickup	315	310	313	313	312	313	315	316	316	317	318	319	321	322	324	325	327	328	330	331	331	332	333	332	0.2%
Large Pickup	307	305	305	306	306	306	307	307	308	311	313	315	317	320	323	326	328	330	333	336	338	340	344	343	0.5%
Small Van	335	330	332	333	333	334	337	338	338	340	343	345	347	350	352	354	356	358	360	361	362	363	364	364	0.4%
Large Van	332	332	335	337	338	342	347	348	352	357	362	365	369	374	378	381	384	387	390	394	396	400	404	404	0.9%
Small Utility	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
Large Utility	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
Ethanol Flex																									
Minicompact Cars	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
Subcompact Cars	332	326	333	335	337	341	344	349	350	353	356	358	360	360	362	362	362	361	361	361	360	359	359	358	0.3%
Compact Cars	322	317	322	325	327	330	334	338	341	344	347	350	351	352	355	355	354	353	353	353	352	352	351	351	0.4%
Midsize Cars	335	332	337	339	341	345	349	351	354	358	362	365	367	369	372	372	372	372	373	373	372	372	372	372	0.5%
Large Cars	370	369	374	376	378	382	389	392	396	400	405	409	413	418	423	424	425	426	427	428	428	429	430	430	0.7%
2-Seater Cars	315	317	323	327	330	335	341	344	350	356	361	365	369	373	377	378	379	380	382	383	383	384	385	386	0.9%
Small Pickup	303	298	300	301	300	301	303	304	303	304	305	307	308	309	311	312	314	315	317	318	318	319	320	319	0.2%
Large Pickup	295	293	293	294	294	294	295	294	296	298	301	302	304	307	310	313	315	317	320	323	324	327	330	329	0.5%
Small Van	322	317	319	320	319	321	323	324	325	327	329	331	333	336	338	340	342	344	346	347	347	348	350	349	0.4%
Large Van	319	319	321	324	325	328	333	334	338	342	347	351	354	359	363	366	369	372	375	378	381	384	388	388	0.9%
Small Utility	297	295	298	300	299	301	304	305	305	307	310	312	315	317	320	322	324	325	327	329	329	331	332	332	0.5%
Large Utility	349	346	348	350	351	355	359	361	365	370	375	378	382	387	392	395	397	400	403	406	408	411	415	414	0.7%

Table 58. New Light-Duty Vehicle Range (Miles)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
LPG Bi-Fuel																									
Minicompact Cars	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
Subcompact Cars	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
Compact Cars	353	347	353	356	358	362	367	371	373	377	381	383	385	386	389	389	388	387	387	387	386	386	385	384	0.4%
Midsize Cars	367	363	369	372	374	378	382	385	388	392	397	400	402	404	407	408	408	408	409	409	408	408	408	408	0.5%
Large Cars	405	404	410	412	414	419	427	430	434	439	444	448	452	458	464	465	466	467	468	469	469	470	471	471	0.7%
2-Seater Cars	345	348	354	358	361	367	374	377	383	390	396	400	404	408	413	414	415	417	418	420	420	421	422	423	0.9%
Small Pickup	332	327	329	329	329	330	332	333	333	333	335	336	337	339	341	342	344	345	347	348	348	349	350	350	0.2%
Large Pickup	324	321	322	322	322	322	323	323	324	327	330	331	334	337	340	343	345	348	351	353	355	358	362	361	0.5%
Small Van	353	347	350	350	350	352	354	355	356	358	361	363	365	368	371	372	375	376	379	381	381	382	383	383	0.4%
Large Van	350	349	352	355	356	360	365	366	370	375	381	385	388	393	398	402	404	408	411	414	417	421	425	425	0.9%
Small Utility	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
Large Utility	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
Electric																									
Minicompact Cars	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
Subcompact Cars	80	80	80	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	80	80	80	N/A
Midsize Cars	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
Large Cars	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
2-Seater Cars	80	80	80	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	80	80	80	N/A
Large Pickup	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
Small Van	80	80	80	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	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
Small Utility	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
Large Utility	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
Diesel-Electric Hybrid																									
Minicompact Cars	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
Subcompact Cars	591	580	593	596	601	607	613	621	624	629	634	637	641	642	645	645	644	643	643	643	641	640	640	638	0.3%
Compact Cars	574	564	574	578	582	588	596	602	607	612	618	623	625	628	631	631	631	629	629	629	627	627	626	625	0.4%
Midsize Cars	596	591	600	604	608	614	621	626	631	637	644	649	653	657	662	663	663	663	664	664	663	663	663	663	0.5%
Large Cars	658	657	666	670	673	681	693	699	704	713	721	728	735	744	754	756	758	759	761	763	763	764	765	766	0.7%
2-Seater Cars	560	565	576	582	587	596	608	613	623	633	643	650	657	664	671	673	675	677	680	682	683	684	686	687	0.9%
Small Pickup	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
Large Pickup	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
Small Van	574	564	568	569	569	571	576	577	578	582	586	590	594	598	602	605	609	612	616	618	618	621	623	622	0.4%
Large Van	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
Small Utility	530	526	530	533	533	535	541	542	544	547	552	556	560	565	570	573	576	579	583	586	586	589	592	592	0.5%
Large Utility	622	616	620	624	626	632	640	642	649	658	667	674	680	689	698	703	707	712	718	723	727	732	739	738	0.7%

Table 58. New Light-Duty Vehicle Range (Miles)																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Fuel Cell Methanol																									
Minicompact Cars	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
Subcompact Cars	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
Compact Cars	442	434	442	445	448	452	458	463	467	471	476	479	481	483	486	486	485	484	484	484	482	482	481	480	0.4%
Midsize Cars	458	454	462	465	468	473	478	481	485	490	496	499	503	506	509	510	510	510	511	511	510	510	510	510	0.5%
Large Cars	506	506	512	515	518	524	533	537	542	548	555	560	565	572	580	581	583	584	586	587	587	588	589	589	0.7%
2-Seater Cars	431	435	443	447	452	459	468	472	479	487	494	500	505	511	516	518	519	521	523	525	525	526	528	528	0.9%
Small Pickup	415	409	411	412	411	412	415	416	416	417	418	420	422	424	426	428	430	431	434	435	435	436	438	437	0.2%
Large Pickup	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
Small Van	441	434	437	438	438	439	443	444	445	447	451	454	457	460	463	466	468	471	474	476	476	477	479	479	0.4%
Large Van	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
Small Utility	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
Large Utility	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																									
Minicompact Cars	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
Subcompact Cars	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
Compact Cars	442	434	442	445	448	452	458	463	467	471	476	479	481	483	486	486	485	484	484	484	482	482	481	480	0.4%
Midsize Cars	458	454	462	465	468	473	478	481	485	490	496	499	503	506	509	510	510	510	511	511	510	510	510	510	0.5%
Large Cars	506	506	512	515	518	524	533	537	542	548	555	560	565	572	580	581	583	584	586	587	587	588	589	589	0.7%
2-Seater Cars	431	435	443	447	452	459	468	472	479	487	494	500	505	511	516	518	519	521	523	525	525	526	528	528	0.9%
Small Pickup	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
Large Pickup	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
Small Van	441	434	437	438	438	439	443	444	445	447	451	454	457	460	463	466	468	471	474	476	476	477	479	479	0.4%
Large Van	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
Small Utility	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
Large Utility	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 Gasoline																									
Minicompact Cars	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
Subcompact Cars	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
Compact Cars	442	434	442	445	448	452	458	463	467	471	476	479	481	483	486	486	485	484	484	484	482	482	481	480	0.4%
Midsize Cars	458	454	462	465	468	473	478	481	485	490	496	499	503	506	509	510	510	510	511	511	510	510	510	510	0.5%
Large Cars	506	506	512	515	518	524	533	537	542	548	555	560	565	572	580	581	583	584	586	587	587	588	589	589	0.7%
2-Seater Cars	431	435	443	447	452	459	468	472	479	487	494	500	505	511	516	518	519	521	523	525	525	526	528	528	0.9%
Small Pickup	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
Large Pickup	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
Small Van	441	434	437	438	438	439	443	444	445	447	451	454	457	460	463	466	468	471	474	476	476	477	479	479	0.4%
Large Van	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
Small Utility	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
Large Utility	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

N/A = Not applicable.

Sources: 1997 derived using: Energy and Environmental Analysis Inc., Updates to the Fuels Economy Model, prepared for Energy Information Administration (EIA) (Washington, DC, June 1998); and and EIA, AEO99 National Energy Modeling System run AEO99B.D100198A. Projection: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.