Table 53. Transportation Fleet Car and Truck Vehicle Miles Traveled by Type and Technology
(billion miles)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Cars 1/														
Conventional Gasoline	128.10	126.09	121.43	122.14	125.46	127.86	128.59	126.95	125.56	124.38	123.41	122.70	121.70	120.90
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
Methanol														
Flex	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol														
Flex	5.48	6.91	7.39	7.63	7.78	7.92	7.98	7.93	7.85	7.78	7.71	7.66	7.60	7.55
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
Compressed Natural Gas Bi-fuel	0.84	1.03	1.19	1.28	1.30	1.31	1.33	1.33	1.32	1.31	1.30	1.28	1.27	1.27
Liquefied 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
Liquefied Petroleum Gas Bi-fuel	2.97	3.83	4.46	4.80	4.87	4.94	4.99	4.98	4.95	4.90	4.86	4.82	4.78	4.76
Electric	0.19	0.23	0.25	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.24
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
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
Total Fleet Cars	137.64	138.11	134.72	136.09	139.65	142.28	143.14	141.44	139.94	138.62	137.52	136.71	135.60	134.72
Light Trucks 1/														
Conventional Gasoline	93.49	87.54	80.10	77.70	77.08	76.68	76.73	77.87	80.52	82.82	84.80	86.43	87.55	88.60
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
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
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol														
Flex	5.14	6.81	8.40	8.60	8.51	8.48	8.48	8.59	8.84	9.10	9.33	9.51	9.64	9.76
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
Compressed Natural Gas Bi-fuel	2.37	2.79	3.17	3.08	3.05	3.04	3.04	3.08	3.18	3.27	3.35	3.42	3.46	3.50
Liquefied 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
Liquefied Petroleum Gas Bi-fuel	6.97	8.70	10.35	10.29	10.21	10.16	10.16	10.30	10.64	10.94	11.21	11.43	11.58	11.72
Electric	0.22	0.28	0.34	0.35	0.35	0.35	0.35	0.35	0.36	0.37	0.38	0.39	0.39	0.40
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
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
Total Fleet Light Truck	108.19	106.13	102.37	100.01	99.21	98.70	98.76	100.19	103.55	106.51	109.07	111.18	112.63	113.99
Total Fleet Vehicles	245.83	244.24	237.09	236.10	238.86	240.98	241.90	241.63	243.49	245.13	246.60	247.88	248.23	248.70
Commercial Light Trucks 2/	65.78	68.73	70.19	71.47	72.74	74.05	75.35	76.79	78.40	79.97	81.49	83.18	84.92	86.67

Table 53. Transportation Fleet Car and Truck Vehicle Miles Traveled by Type and Technology
(billion miles)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2004-2030
Cars 1/															
Conventional Gasoline	120.45	120.46	120.76	121.23	121.87	122.65	123.60	124.62	125.67	126.76	127.82	128.81	129.80	130.75	0.1%
Distillate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	-21.0%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol															
Flex	7.52	7.51	7.53	7.55	7.59	7.64	7.69	7.75	7.82	7.89	7.95	8.01	8.08	8.14	0.6%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
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	N/A
Compressed Natural Gas Bi-fuel	1.26	1.26	1.26	1.26	1.27	1.28	1.28	1.29	1.31	1.32	1.33	1.34	1.35	1.36	1.1%
Liquefied 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	N/A
Liquefied Petroleum Gas Bi-fuel	4.73	4.73	4.73	4.74	4.76	4.79	4.82	4.86	4.90	4.94	4.98	5.02	5.06	5.10	1.1%
Electric	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.5%
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	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	N/A
Total Fleet Cars	134.21	134.20	134.51	135.03	135.73	136.60	137.64	138.77	139.95	141.16	142.34	143.45	144.54	145.61	0.2%
Light Trucks 1/															
Conventional Gasoline	89.70	90.97	92.26	93.64	95.15	96.73	98.37	100.16	102.10	104.15	106.25	108.31	110.35	112.36	1.0%
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	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	-8.2%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Ethanol															
Flex	9.88	10.02	10.16	10.31	10.48	10.65	10.83	11.03	11.24	11.46	11.70	11.92	12.15	12.37	2.3%
Neat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
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	N/A
Compressed Natural Gas Bi-fuel	3.55	3.60	3.65	3.70	3.76	3.83	3.89	3.96	4.04	4.12	4.20	4.28	4.36	4.44	1.8%
Liquefied 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	N/A
Liquefied Petroleum Gas Bi-fuel	11.87	12.03	12.20	12.39	12.58	12.79	13.01	13.25	13.50	13.77	14.05	14.32	14.59	14.86	2.1%
Electric	0.40	0.41	0.41	0.42	0.43	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.49	0.50	2.2%
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	N/A
Electric-Gasoline Hybrid	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	N/A
Total Fleet Light Truck	115.40	117.03	118.69	120.46	122.40	124.43	126.55	128.84	131.34	133.97	136.68	139.32	141.95	144.53	1.2%
Total Fleet Vehicles	249.61	251.22	253.20	255.49	258.13	261.03	264.19	267.62	271.29	275.13	279.01	282.77	286.49	290.14	0.7%
Commercial Light Trucks 2/	88.51	90.36	92.06	93.75	95.50	97.31	99.19	101.19	103.33	105.58	107.81	109.97	112.20	114.56	2.0%

Table 53. Transportation Fleet Car and Truck Vehicle Miles Traveled by Type and Technology
(billion miles)

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: 2003 and 2004 derived using: Oak Ridge National Laboratory, "Fleet Vehicles in the United States: Composition, Operating Characteristics, and Fueling Practices," prepared for the Department of Energy, Office of Transportation Technologies, and Office of Policy, Planning, and Analysis (Oak Ridge, TN, March 1992); Bobit Publishing Company, Fleet Fact Book, various issues (Redondo Beach, California); Federal Highway Administration, Highway Statistics 2003 (Washington, DC, December 2004); Decision Analysis Corporation of Virginia, NEMS Transportation Sector Model: Development of the Light Comercial Truck Model, Final Report, Subtask 19-2, (April 23, 1997); and Energy Information Administration (EIA), AEO2006 National Energy Modeling System run aeo2006.d111905a. Projections: EIA, AEO2006 National Energy Modeling System run aeo2006.d111905a.