

Table 9. Transportation Sector Key Indicators and Delivered Energy Consumption

Key Indicators and Consumption	2000				2010				2015				2020			
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)
Key Indicators																
Level of Travel (billions)																
Light-Duty Veh.<8500 lbs.(VMT).	2454	2454	2454	2454	2892	2897	2901	2908	3077	3083	3092	3099	3242	3250	3257	3268
Commercial Light Trucks(VMT) ..	72	72	72	72	87	87	87	88	93	93	93	93	98	98	98	98
Freight Trucks >10000 lbs.(VMT)	188	189	189	189	232	232	233	233	243	243	243	243	250	251	251	251
Air (seat miles demanded).....	1230	1231	1231	1231	1855	1857	1857	1859	2139	2142	2144	2146	2416	2419	2420	2424
Rail (ton miles traveled).....	1334	1335	1335	1335	1533	1533	1533	1534	1584	1585	1585	1585	1623	1624	1624	1625
Marine (ton miles traveled)....	815	815	815	815	923	922	922	922	949	949	949	949	967	968	968	968
Energy Efficiency Indicators																
New Car MPG	28.0	28.0	28.0	28.0	30.2	31.5	33.1	34.9	30.5	31.7	33.1	34.9	30.7	31.9	33.5	35.0
New Light Truck MPG	19.3	19.3	19.3	19.3	20.1	21	22.1	23.3	20.5	21.5	22.4	23.6	21.1	22	23.1	24.2
Light-Duty Fleet MPG	20.3	20.3	20.3	20.3	20.3	20.7	21.1	21.5	20.7	21.2	21.8	22.4	21.2	21.7	22.3	23
New Comm. Light Truck (MPG)	18.9	18.9	18.9	18.9	19.6	19.6	19.7	19.6	20	20	19.9	19.9	20.6	20.6	20.5	20.3
Stock Comm. Light Truck(MPG) ...	14.7	14.7	14.7	14.7	15	15	15	15	15.2	15.2	15.2	15.2	15.4	15.4	15.4	15.4
Aircraft Eff.(seat miles/gallon)	52.1	52.1	52.1	52.1	55.7	55.7	55.7	55.7	57.4	57.4	57.4	57.4	59	59	59	59
Freight Truck Efficiency MPG....	5.7	5.7	5.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.1
Rail Eff.(ton miles/thous. Btu).	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Domestic Shipping Efficiency																
(ton miles per thousand Btu...	2.7	2.7	2.7	2.7	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Energy Use by Mode(quad. Btu/yr)																
Light-Duty Vehicles.....	15.04	15.03	15.03	15.03	17.76	17.6	17.41	17.24	18.55	18.31	18.06	17.79	19.2	18.95	18.66	18.37
Commercial Light Trucks	0.62	0.62	0.62	0.62	0.73	0.73	0.73	0.73	0.76	0.76	0.77	0.77	0.79	0.79	0.8	0.8
Freight Trucks	4.54	4.54	4.54	4.54	5.32	5.33	5.33	5.33	5.47	5.48	5.48	5.48	5.58	5.59	5.59	5.59
Air.....	3.87	3.88	3.88	3.88	5.27	5.28	5.28	5.29	5.84	5.85	5.86	5.86	6.35	6.35	6.35	6.37
Rail.....	0.57	0.57	0.57	0.57	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.64
Marine.....	1.51	1.51	1.51	1.51	1.91	1.91	1.91	1.91	2.09	2.09	2.09	2.09	2.25	2.25	2.25	2.26
Pipeline Fuel.....	0.8	0.8	0.8	0.8	0.95	0.95	0.95	0.95	0.99	0.99	0.99	0.99	1.03	1.03	1.03	1.03
Other	0.27	0.27	0.27	0.27	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33
Total.....	27.14	27.15	27.15	27.15	32.77	32.62	32.43	32.27	34.54	34.32	34.08	33.82	36.04	35.81	35.53	35.25

AEO98 Reference Case (1), 10-percent Diesel Penetration case (2), 20-percent Diesel Penetration Case (3), and 30-percent Diesel Penetration Case (4).

Source: Energy Information Administration, AEO98 National Energy Modeling System runs AEO98B.D100197A, PCT10.D122997B, PCT20.D122997B, AND PCT30.D122998B.