Table 8. Light-Duty Vehicle Energy Consumption by Technology Type and Fuel Type (Trillion Btu)

Technology type	2000					2010					2015					2020			
	(1)	(2)	(3)	(4)		(1)	(2)	(3)	(4)		(1)	(2)	(3)	(4)		(1)	(2)	(3)	(4)
Light-Duty Consum. by Tech. Type																			
Conventional Vehicles ..																			
Gasoline ICE Vehicles.....	14855	14854	14854	14854		16992	16213	15455	14702		17519	16294	15130	13921		17935	16494	15109	13688
Distillate (diesel) ICE.....	88.26	81.67	81.67	81.67		86.40	582.2	1160	1761		79.74	879.6	1810	2782		75.94	1047	2170	3347
Alternative-Fuel Vehicles																			
Total Alcohol.....	9.31	9.44	9.44	9.44		218.8	290.9	291.2	281		329.2	439.8	443.3	427.4		393	512.1	514.5	495.8
Total Natural Gas Technology...	73.4	75.93	75.93	75.93		373.2	397.8	389.2	381.7		479.4	517.7	503.3	489.3		553.6	598.6	579	560.8
Total Electricity.....	3.29	3.73	3.73	3.73		89.2	109.4	110.1	110.7		118.7	145.9	147.4	148.3		143.4	171.6	173.4	174.9
Total Turbine.....	0.0	0.0	0.0	0.0		0.01	0.01	0.01	0.01		0.2	0.42	0.41	0.39		0.82	1.77	1.75	1.67
Light-Duty Consum.by Fuel Type..																			
Motor Gasoline.....	14866	14865	14865	14865		17061	16302	15542	14784		17645	16458	15288	14068		18160	16775	15378	13938
Distillate (diesel).....	88.26	81.67	81.67	81.67		86.40	582.2	1160	1761		79.74	879.6	1810	2782		75.94	1047	2170	3347
Methanol.....	4.29	4.41	4.41	4.41		83.28	113.7	113.5	109.1		127	173.8	174.6	167.2		154.4	204.9	204.7	195.1
Ethanol.....	3.34	3.33	3.33	3.33		88.12	115.8	116.1	112.3		132.2	175.9	177.5	172		156.8	205.0	206.6	200.7
Compressed Natural Gas.....	45.82	47.5	47.5	47.5		214.3	221.2	217.9	215.6		262.1	269.4	264.0	259.6		295.1	302.8	295.4	289.5
Liquid Petroleum Gas.....	27.5	28.34	28.34	28.34		139.5	152.3	150.2	148.1		182.3	204.1	200.7	196.7		212.6	239.2	234.3	229.0
Electricity.....	3.29	3.73	3.73	3.73		89.2	109.4	110.1	110.7		118.7	145.9	147.4	148.3		143.4	171.6	173.4	174.9

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.