Table 1. Summary of Key Results of Four CAFE Cases Compared to the AEO2002 Revised Reference Case (2010, 2020)

	2000	AEO2002 Revised Reference[1]	Sensitivity	S. 804	S. 804 Advanced Date	S. 517
		2010				
Light Vehicle Consumption (billion gallons)	124.9	154.0	152.4	147.6	146.6	147.4
Net Petroleum Imports (million barrels per day)	10.49	14.30	14.19	13.91	13.83	13.90
World Oil Price (2000 $)	27.72	23.36	23.36	23.14	23.09	23.13
GDP (billion 1996 dollars)	9,224	12,309	12,308	12,292	12,282	12,292
Light Vehicle Carbon Equivalent Emissions (million metric tons)	297.9	366.0	362.1	350.9	348.4	350.3
Average New Car Fuel Economy (miles per gallon)	28.90	29.58	30.82	29.53	29.52	33.44
Average New Light Truck Fuel Economy (miles per gallon)	21.08	22.52	23.25	25.56	26.41	25.05
Average New Car Horsepower	165	202	194	202	202	174
Average New Light Truck Horsepower[2]	193	237	235	203	203	215
Average New Car Weight (pounds)	3087	3257	3160	3258	3258	2826
Average New Light Truck Weight (pounds)[2]	4257	4554	4513	4053	3966	4105
		2020				
Light Vehicle Consumption (billion gallons)		181.8	176.3	167.1	166.8	159.4
Net Petroleum Imports (million barrels per day)		16.69	16.38	15.86	15.83	15.40
World Oil Price (2000 $)		24.68	24.68	24.26	24.20	24.01
GDP (billion 1996 dollars)		16,530	16,525	16,519	16,527	16,505
Light Vehicle Carbon Equivalent Emissions (million metric tons)		432.1	419.2	397.3	396.6	379.1
Average New Car Fuel Economy (miles per gallon)		29.63	31.79	29.53	29.53	35.84
Average New Light Truck Fuel Economy (miles per gallon)[2]		23.18	23.57	26.48	26.47	26.49
Average New Car Horsepower		220	198	220	220	168
Average New Light Truck Horsepower[3]		252	249	206	206	206
Average New Car Weight (pounds)		3359	3100	3360	3360	2723
Average New Light Truck Weight (pounds)[3]		4784	4721	3984	3960	3936

Source: National Energy Modeling System runs: s804base.d020702b, s8045and10.d020702a, s804base.d020702b, s804advd.d021102a, and s517cafe.d022502a.

[1] The AEO2002 Revised Reference Case also represents the H.R. 4 Case.

[2] Average new light truck fuel economy for the AEO2002 Revised Reference and Sensitivity Cases represent light trucks less than 8,500 pounds gross vehicle weight. Light truck fuel economy shown for the S. 804, S. 804 Advanced Date, and S. 517 Cases represent light trucks less than 10,000 pounds gross vehicle weight.

[3] The values shown in the table represent vehicles less than 8,500 pounds gross vehicle weight. NEMS does not address the horsepower or weight aspects of Class 2b vehicles (8,500 to 10,000 pound vehicles).