

**Table 1096. State Motor Vehicle Registrations: 1990 to 2009**

[In thousands (188,798 represents 188,798,000). Compiled principally from information obtained from state authorities, but it was necessary to draw on other sources and to make numerous estimates in order to complete series. Excludes motorcycles; see Table 1098]

Type	1990	1995	2000	2005	2007	2008	2009
<b>All motor vehicles</b> . . . . .	<b>188,798</b>	<b>201,530</b>	<b>221,475</b>	<b>241,194</b>	<b>247,265</b>	<b>248,165</b>	<b>246,283</b>
Private and commercial . . . . .	185,541	197,941	217,567	237,140	243,094	243,953	242,058
Publicly owned . . . . .	3,257	3,589	3,908	4,054	4,170	4,212	4,225
Automobiles <sup>1</sup> . . . . .	133,700	128,387	133,621	136,568	135,933	137,080	134,880
Private and commercial . . . . .	132,164	126,900	132,247	135,192	134,510	135,638	133,438
Publicly owned . . . . .	1,536	1,487	1,374	1,376	1,423	1,442	1,442
Buses . . . . .	627	686	746	807	834	843	842
Private and commercial . . . . .	275	288	314	331	345	350	351
Publicly owned . . . . .	351	398	432	476	490	493	491
Trucks <sup>1</sup> . . . . .	54,470	72,458	87,108	103,819	110,497	110,242	110,561
Private and commercial . . . . .	53,101	70,754	85,005	101,616	108,239	107,965	108,269
Publicly owned . . . . .	1,369	1,704	2,103	2,203	2,258	2,277	2,292

<sup>1</sup> Trucks include pickups, panels, and delivery vans. Personal passenger vans, passenger minivans, and utility-type vehicles are no longer included in automobiles but are included in trucks.

Source: U.S. Federal Highway Administration, *Highway Statistics*, annual. See also <<http://www.fhwa.dot.gov/policy/ohpi/hss/index.cfm>>.

**Table 1097. Alternative Fueled Vehicles and Estimated Consumption of Vehicle Fuels by Fuel Type: 2005 to 2009**

[In thousands, (420,778 represents 420,778,000). Vehicles in use do not include concept and demonstration vehicles that are not ready for delivery to end users. Vehicles in use represent accumulated acquisitions, less retirements, as of the end of each calendar year]

Vehicles and fuel consumption	Unit	2005	2007	2008	2009
<b>ALTERNATIVE FUELED VEHICLES IN USE</b>					
Total . . . . .	Number . . . . .	592,125	695,766	775,667	826,318
Compressed Natural Gas (CNG) . . . . .	Number . . . . .	117,699	114,391	113,973	114,270
Electric <sup>1</sup> . . . . .	Number . . . . .	51,398	55,730	56,901	57,185
Ethanol, 85 percent (E85) <sup>2, 3</sup> . . . . .	Number . . . . .	246,363	364,384	450,327	504,297
Hydrogen . . . . .	Number . . . . .	119	223	313	357
Liquefied Natural Gas (LNG) . . . . .	Number . . . . .	2,748	2,781	3,101	3,176
Liquefied Petroleum Gas (LPG) . . . . .	Number . . . . .	173,795	158,254	151,049	147,030
Other fuels <sup>4</sup> . . . . .	Number . . . . .	3	3	3	3
<b>FUEL CONSUMPTION</b>					
Alternative fuels: . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	420,778	414,715	430,329	431,107
Compressed Natural Gas (CNG) . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	166,878	178,565	189,358	199,513
Electric <sup>1</sup> . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	5,219	5,037	5,050	4,956
Ethanol, 85 percent (E85) <sup>2</sup> . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	38,074	54,091	62,464	71,213
Hydrogen . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	25	66	117	140
Liquefied Natural Gas (LNG) . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	22,409	24,594	25,554	25,652
Liquefied Petroleum Gas (LPG) . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	188,171	152,360	147,784	129,631
Other fuels <sup>4</sup> . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	2	2	2	2
Biodiesel . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	93,281	367,764	324,329	325,102
Oxygenates:					
Methyl Tertiary Butyl Ether (MTBE) . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	1,654,500	—	—	—
Ethanol in Gasohol . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	2,756,663	4,694,304	6,442,781	7,343,133
Total alternative and replacement fuels . . . . .	1,000 gal.(g-e-g) <sup>5</sup> . . . . .	4,925,222	5,476,783	7,197,439	8,099,342
<b>FUEL CONSUMPTION IN NATIVE UNITS</b>					
Alternative fuels:					
Compressed Natural Gas (CNG) . . . . .	million cubic feet . . . . .	20,106	21,514	22,814	24,038
Electric <sup>1</sup> . . . . .	1,000 kwh . . . . .	173,967	167,900	168,333	165,200
Ethanol, 85 percent (E85) <sup>2</sup> . . . . .	1,000 gallons . . . . .	52,881	75,126	86,756	98,907
Hydrogen . . . . .	1,000 kilograms . . . . .	23	60	107	128
Liquefied Natural Gas (LNG) . . . . .	1,000 gallons . . . . .	33,953	37,264	38,718	38,867
Liquefied Petroleum Gas (LPG) . . . . .	1,000 gallons . . . . .	254,285	205,892	199,708	175,177
Biodiesel . . . . .	1,000 gallons . . . . .	90,827	358,156	315,796	316,549
Oxygenates:					
Methyl Tertiary Butyl Ether (MTBE) . . . . .	1,000 gallons . . . . .	2,035,320	—	—	—
Ethanol in Gasohol . . . . .	1,000 gallons . . . . .	4,013,679	6,885,690	9,435,428	10,753,990

— Represents zero. X Not applicable. <sup>1</sup> Excludes gasoline-electric and diesel-electric hybrids because the input fuel is gasoline or diesel rather than an alternative transportation fuel. <sup>2</sup> The remaining portion of E85 percent ethanol is gasoline. Consumption data include the gasoline portion of the fuel. <sup>3</sup> For 2009, the EIA estimates that the number of E85 vehicles that are capable of operating on E85, gasoline, or both, is about 10 million. Many of these alternative-fueled vehicles (AFVs) are sold and used as traditional gasoline-powered vehicles. In this table, AFVs in use include only those E85 vehicles believed to be used as AFVs. These are primarily fleet-operated vehicles. <sup>4</sup> May include P-Series fuel or any other fuel designated by the Secretary of Energy as an alternative fuel in accordance with the Energy Policy Act of 1995. <sup>5</sup> Gasoline equivalent gallons.

Source: U.S. Energy Information Administration, "Alternatives to Traditional Transportation Fuels," <<http://www.eia.gov/renewable/data.cfm>>.