

Table L9. New light duty vehicle sales by technology, Low Economic Growth case

thousand vehicles

Total	34,418.2	35,564.6	39,694.0	43,766.5	45,296.8	46,355.7	47,205.1	1.1%
Japan								
Electric	66.0	104.9	199.0	216.5	290.3	371.6	482.7	7.4%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.6%
Liquefied petroleum gas	5.9	4.3	4.8	4.1	4.2	3.1	2.6	-2.9%
Natural gas	1.4	0.9	0.7	0.6	0.9	0.9	0.9	-1.7%
Diesel	141.1	136.3	128.3	127.3	115.5	116.4	112.9	-0.8%
Motor gasoline	3,144.5	3,032.4	2,881.5	2,559.7	2,262.5	2,098.5	1,865.5	-1.8%
Plug-in hybrid	44.8	122.4	137.5	184.5	197.2	198.8	180.1	5.1%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	3,403.6	3,401.3	3,351.8	3,092.7	2,870.7	2,789.3	2,644.7	-0.9%
South Korea								
Electric	75.3	74.8	296.9	520.0	753.6	895.7	968.4	9.6%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.3%
Liquefied petroleum gas	50.3	24.9	34.6	30.8	20.7	14.0	9.7	-5.7%
Natural gas	49.3	23.8	30.8	30.3	15.2	7.8	4.0	-8.5%
Diesel	191.0	168.7	156.3	131.2	105.8	105.7	126.9	-1.5%
Motor gasoline	1,069.5	1,128.3	942.3	733.2	519.2	408.8	314.4	-4.3%
Plug-in hybrid	14.5	81.4	164.5	211.0	165.2	121.9	87.9	6.7%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	1,449.9	1,502.0	1,625.4	1,656.5	1,579.7	1,553.8	1,511.4	0.1%
Australia and New Zealand								
Electric	34.4	37.6	65.9	77.3	116.7	154.0	205.9	6.6%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6%
Liquefied petroleum gas	0.4	0.0	2.5	1.9	1.5	1.3	1.1	3.7%
Natural gas	2.4	0.1	0.2	0.1	0.0	0.0	0.0	-18.6%
Diesel	110.9	125.1	110.1	99.9	86.8	75.8	63.7	-2.0%
Motor gasoline	873.1	922.9	864.3	805.9	720.1	653.7	577.1	-1.5%
Plug-in hybrid	8.3	19.6	75.4	169.8	275.7	373.1	425.4	15.1%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	1,029.5	1,105.4	1,118.5	1,154.9	1,200.8	1,257.9	1,273.1	0.8%
China								
Electric	4,681.2	5,206.0	6,526.2	8,607.6	9,192.7	9,424.8	9,751.9	2.7%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2%
Liquefied petroleum gas	66.6	62.9	27.8	28.7	20.9	12.2	6.2	-8.1%
Natural gas	990.1	655.7	304.4	543.6	647.8	607.7	394.3	-3.2%
Diesel	43.9	37.4	22.0	61.1	55.1	43.8	33.0	-1.0%
Motor gasoline	13,210.0	11,329.7	8,584.2	8,353.5	7,534.0	6,179.7	5,118.7	-3.3%
Plug-in hybrid	1,006.8	1,778.2	3,733.9	2,950.6	2,892.2	2,252.9	1,793.8	2.1%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	19,998.6	19,070.0	19,198.5	20,545.0	20,342.7	18,521.0	17,097.9	-0.6%
India								
Electric	17.1	35.1	60.6	140.1	405.9	914.8	1,364.3	16.9%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3%
Liquefied petroleum gas	132.2	70.1	112.5	138.0	156.3	174.3	191.8	1.3%
Natural gas	139.1	194.0	208.2	188.3	133.7	102.1	77.9	-2.0%
Diesel	1,855.3	2,422.0	3,446.3	4,131.4	4,302.2	4,537.3	4,712.0	3.4%
Motor gasoline	2,182.8	2,910.2	4,378.6	5,438.9	5,742.1	6,122.8	6,395.8	3.9%
Plug-in hybrid	4.0	19.4	221.6	417.4	906.9	1,362.5	1,724.7	24.2%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	4,330.4	5,650.7	8,427.9	10,454.0	11,647.1	13,213.7	14,466.4	4.4%
Other Asia								
Electric	24.5	140.7	213.7	400.4	599.0	848.7	1,069.2	14.4%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9%
Liquefied petroleum gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4%
Natural gas	120.7	16.5	39.1	33.0	27.3	25.5	24.1	-5.6%
Diesel	1,040.2	1,236.7	1,373.0	1,391.8	1,417.6	1,570.3	1,751.4	1.9%
Motor gasoline	3,016.6	3,370.8	4,180.8	4,672.1	5,042.7	5,840.1	6,743.8	2.9%

Plug-in hybrid	4.3	70.7	165.3	366.1	569.2	735.4	623.1	19.5%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	4,206.2	4,835.3	5,971.9	6,863.4	7,655.8	9,019.9	10,211.6	3.2%
Africa and Middle East								
Electric	31.1	105.0	143.3	215.0	279.8	359.5	455.4	10.1%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8%
Liquefied petroleum gas	8.9	7.8	1.3	0.3	0.1	0.1	0.0	-17.6%
Natural gas	102.6	42.0	50.7	34.0	23.0	18.6	15.8	-6.5%
Diesel	102.6	117.7	149.2	161.5	165.0	195.9	227.2	2.9%
Motor gasoline	3,315.5	3,848.2	4,452.9	4,584.5	4,576.7	5,230.8	6,022.6	2.2%
Plug-in hybrid	10.0	45.8	158.7	398.7	595.4	738.4	620.3	15.9%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	3,570.7	4,166.5	4,956.0	5,394.0	5,640.0	6,543.2	7,341.4	2.6%
Africa								
Electric	2.3	10.5	35.2	63.8	82.1	99.5	140.3	15.9%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5%
Liquefied petroleum gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9%
Natural gas	9.1	8.7	8.2	4.8	2.8	2.0	1.4	-6.4%
Diesel	75.9	87.0	117.1	135.3	145.3	179.7	213.7	3.8%
Motor gasoline	683.7	842.3	1,082.1	1,234.1	1,339.4	1,643.7	1,936.0	3.8%
Plug-in hybrid	1.0	5.1	20.3	41.2	64.9	78.7	73.0	16.4%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	771.9	953.6	1,262.8	1,479.2	1,634.4	2,003.5	2,364.4	4.1%
Middle East								
Electric	28.9	94.6	108.0	151.2	197.7	260.0	315.1	8.9%
Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9%
Liquefied petroleum gas	8.9	7.8	1.3	0.3	0.1	0.1	0.0	-17.7%
Natural gas	93.5	33.3	42.6	29.2	20.2	16.6	14.4	-6.5%
Diesel	26.7	30.7	32.2	26.2	19.7	16.2	13.5	-2.4%
Motor gasoline	2,631.8	3,005.9	3,370.8	3,350.3	3,237.4	3,587.2	4,086.6	1.6%
Plug-in hybrid	9.0	40.7	138.4	357.5	530.5	659.7	547.3	15.8%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	2,798.8	3,213.0	3,693.2	3,914.8	4,005.6	4,539.8	4,976.9	2.1%
World								
Electric	7,742.7	8,976.2	14,225.4	21,087.6	23,641.4	26,930.1	29,771.4	4.9%
Hydrogen	2.4	1.8	2.6	3.0	3.0	2.8	2.8	0.5%
Liquefied petroleum gas	534.9	293.0	489.4	469.7	497.1	479.8	479.0	-0.4%
Natural gas	2,146.3	1,513.6	1,040.5	1,137.3	1,081.5	971.8	722.3	-3.8%
Diesel	8,503.8	9,284.0	11,063.9	9,282.1	9,949.8	10,358.1	10,233.7	0.7%
Motor gasoline	58,681.5	56,343.9	51,890.7	50,130.6	50,097.1	49,378.4	50,063.5	-0.6%
Plug-in hybrid	2,319.1	4,803.0	7,579.1	8,832.4	8,639.6	9,008.8	8,313.1	4.7%
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	79,930.7	81,215.5	86,291.4	90,942.8	93,909.5	97,129.7	99,585.8	0.8%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lm_230821.151939 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aoe

Note: Totals may not equal sum of components due to independent rounding.