

Light-Duty Vehicle Registrations by Fuel Type

Arizona	2016	2017	2018	2019	2020	2021	2022
Gasoline Vehicles Registered	4,805,000	4,940,200	5,061,900	5,186,900	5,202,200	5,395,300	5,476,100
Diesel Vehicles Registered	179,500	187,500	196,300	208,800	226,000	191,800	198,700
Biodiesel Vehicles Registered	NA	NA	NA	NA	NA	51,000	61,200
Ethanol/Flex (E85) Vehicles Registered	427,300	484,600	533,600	571,500	584,800	460,400	446,000
Compressed Natural Gas (CNG) Vehicles Registered	17,500	16,600	15,500	14,300	13,800	900	600
Propane Vehicles Registered	NA	NA	NA	NA	NA	900	800
Hydrogen Vehicles Registered	NA	NA	NA	NA	NA	NA	NA
Methanol Vehicles Registered	100	100	NA	NA	NA	NA	NA
Electric Vehicles Registered (EV)	4,700	7,200	12,600	19,500	28,800	40,700	65,800
Plug-in Hybrid Electric Vehicles Registered (PHEV)	4,400	5,800	7,700	9,600	11,200	15,500	20,400
Hybrid Electric Vehicles Registered (HEV)	89,600	96,000	102,000	108,100	115,400	132,200	150,800
Vehicles with unknown fuel type	112,800	108,300	103,700	99,000	103,400	70,500	70,100
Total All Vehicles Registered	5,640,900	5,846,300	6,033,300	6,217,700	6,285,600	6,359,200	6,490,500

Arizona	2016	2017	2018	2019	2020	2021	2022
Gasoline Vehicles Registered	85.2%	84.5%	83.9%	83.4%	82.8%	84.8%	84.4%
Diesel Vehicles Registered	3.2%	3.2%	3.3%	3.4%	3.6%	3.0%	3.1%
Biodiesel Vehicles Registered	NA	NA	NA	NA	NA	0.8%	0.9%
Ethanol/Flex (E85) Vehicles Registered	7.6%	8.3%	8.8%	9.2%	9.3%	7.2%	6.9%
Compressed Natural Gas (CNG) Vehicles Registered	0.3%	0.3%	0.3%	0.2%	0.2%	0.01%	0.01%
Propane Vehicles Registered	NA	NA	NA	NA	NA	0.01%	0.01%
Hydrogen Vehicles Registered	NA	NA	NA	NA	NA	NA	NA
Methanol Vehicles Registered	0.002%	0.002%	NA	NA	NA	NA	NA
Electric Vehicles Registered (EV)	0.1%	0.1%	0.2%	0.3%	0.5%	0.6%	1.0%
Plug-in Hybrid Electric Vehicles Registered (PHEV)	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.3%
Hybrid Electric Vehicles Registered (HEV)	1.6%	1.6%	1.7%	1.7%	1.8%	2.1%	2.3%
Vehicles with unknown fuel type	2.0%	1.9%	1.7%	1.6%	1.6%	1.1%	1.1%
Total All Vehicles Registered	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Alternative Fuels Data Center, U.S. Department of Energy

<https://afdc.energy.gov/transatlas/#/?state=AZ>

(Updated 4/16/24)