

Light-Duty Vehicle Registrations by Fuel Type

| Arizona | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Gasoline Vehicles Registered | 4,805,000 | 4,940,200 | 5,061,900 | 5,186,900 | 5,202,200 | 5,395,300 | 5,476,100 | 5,469,000 |
| Diesel Vehicles Registered | 179,500 | 187,500 | 196,300 | 208,800 | 226,000 | 191,800 | 198,700 | 197,700 |
| Biodiesel Vehicles Registered | NA | NA | NA | NA | NA | 51,000 | 61,200 | 68,600 |
| Ethanol/Flex (E85) Vehicles Registered | 427,300 | 484,600 | 533,600 | 571,500 | 584,800 | 460,400 | 446,000 | 437,100 |
| Compressed Natural Gas (CNG) Vehicles Registered | 17,500 | 16,600 | 15,500 | 14,300 | 13,800 | 900 | 600 | 600 |
| Propane Vehicles Registered | NA | NA | NA | NA | NA | 900 | 800 | 700 |
| Hydrogen Vehicles Registered | NA | NA | NA | NA | NA | NA | NA | NA |
| Methanol Vehicles Registered | 100 | 100 | NA | NA | NA | NA | NA | NA |
| Electric Vehicles Registered (EV) | 4,700 | 7,200 | 12,600 | 19,500 | 28,800 | 40,700 | 65,800 | 89,800 |
| Plug-in Hybrid Electric Vehicles Registered (PHEV) | 4,400 | 5,800 | 7,700 | 9,600 | 11,200 | 15,500 | 20,400 | 25,600 |
| Hybrid Electric Vehicles Registered (HEV) | 89,600 | 96,000 | 102,000 | 108,100 | 115,400 | 132,200 | 150,800 | 175,700 |
| Vehicles with unknown fuel type | 112,800 | 108,300 | 103,700 | 99,000 | 103,400 | 70,500 | 70,100 | 64,200 |
| 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 | 6,529,000 |

| Arizona | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Gasoline Vehicles Registered | 85.2% | 84.5% | 83.9% | 83.4% | 82.8% | 84.8% | 84.4% | 83.8% |
| Diesel Vehicles Registered | 3.2% | 3.2% | 3.3% | 3.4% | 3.6% | 3.0% | 3.1% | 3.0% |
| Biodiesel Vehicles Registered | NA | NA | NA | NA | NA | 0.8% | 0.9% | 1.1% |
| Ethanol/Flex (E85) Vehicles Registered | 7.6% | 8.3% | 8.8% | 9.2% | 9.3% | 7.2% | 6.9% | 6.7% |
| Compressed Natural Gas (CNG) Vehicles Registered | 0.3% | 0.3% | 0.3% | 0.2% | 0.2% | 0.01% | 0.01% | 0.01% |
| Propane Vehicles Registered | NA | NA | NA | NA | NA | 0.01% | 0.01% | 0.01% |
| Hydrogen Vehicles Registered | NA | NA | NA | NA | NA | NA | NA | NA |
| Methanol Vehicles Registered | 0.002% | 0.002% | NA | NA | NA | NA | NA | NA |
| Electric Vehicles Registered (EV) | 0.1% | 0.1% | 0.2% | 0.3% | 0.5% | 0.6% | 1.0% | 1.4% |
| Plug-in Hybrid Electric Vehicles Registered (PHEV) | 0.1% | 0.1% | 0.1% | 0.2% | 0.2% | 0.2% | 0.3% | 0.4% |
| Hybrid Electric Vehicles Registered (HEV) | 1.6% | 1.6% | 1.7% | 1.7% | 1.8% | 2.1% | 2.3% | 2.7% |
| Vehicles with unknown fuel type | 2.0% | 1.9% | 1.7% | 1.6% | 1.6% | 1.1% | 1.1% | 1.0% |
| Total All Vehicles Registered | 100.0% | 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 10/30/24)