

GET CONNECTED

ELECTRIC VEHICLE QUARTERLY REPORT



THIRD QUARTER, 2022

Contents

ELECTRIC VEHICLE SALES OVERVIEW (2022)1

ELECTRIC VEHICLE SALES BY SEGMENT2

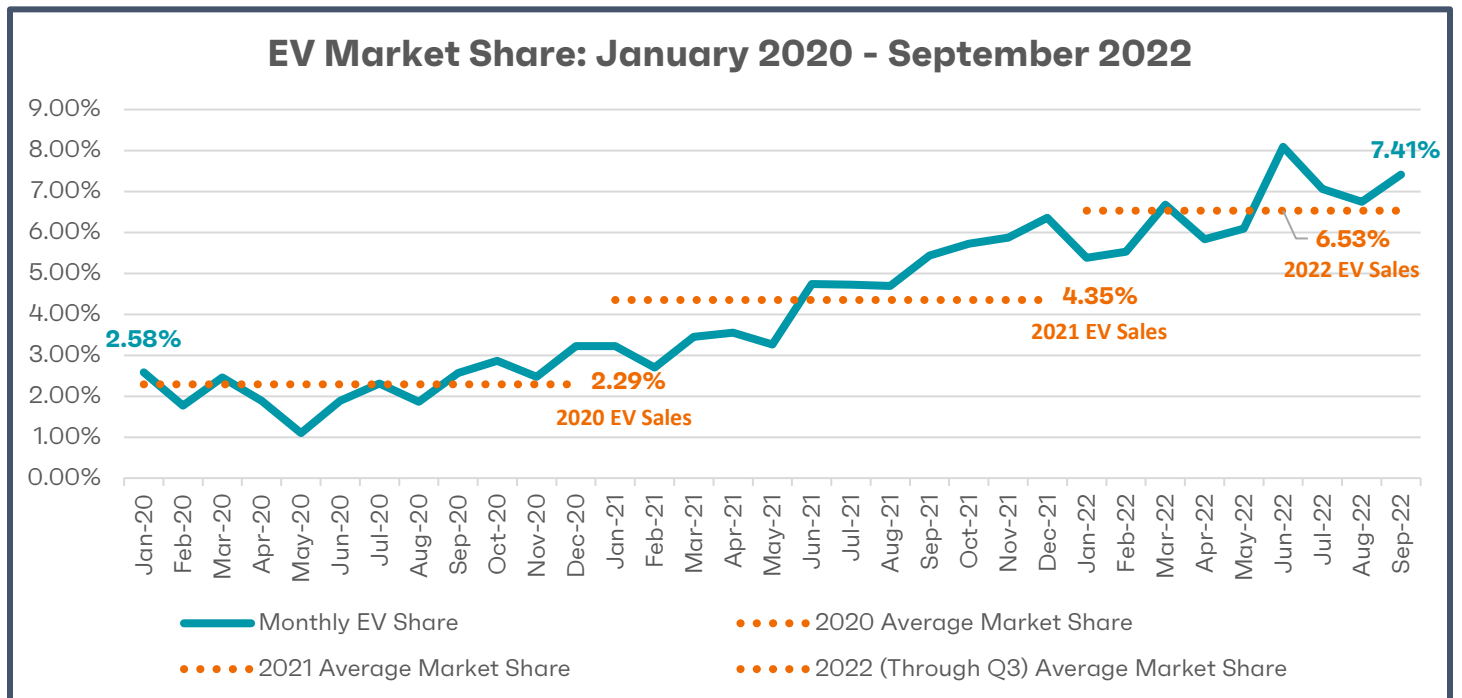
ELECTRIC VEHICLE TRANSACTION PRICES4

ELECTRIC VEHICLE SALES BY STATE.....4

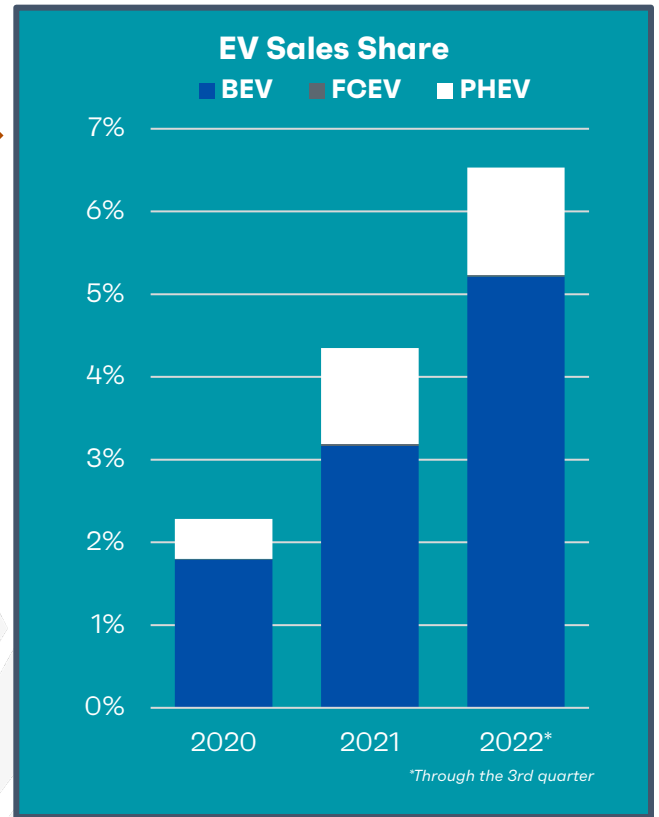
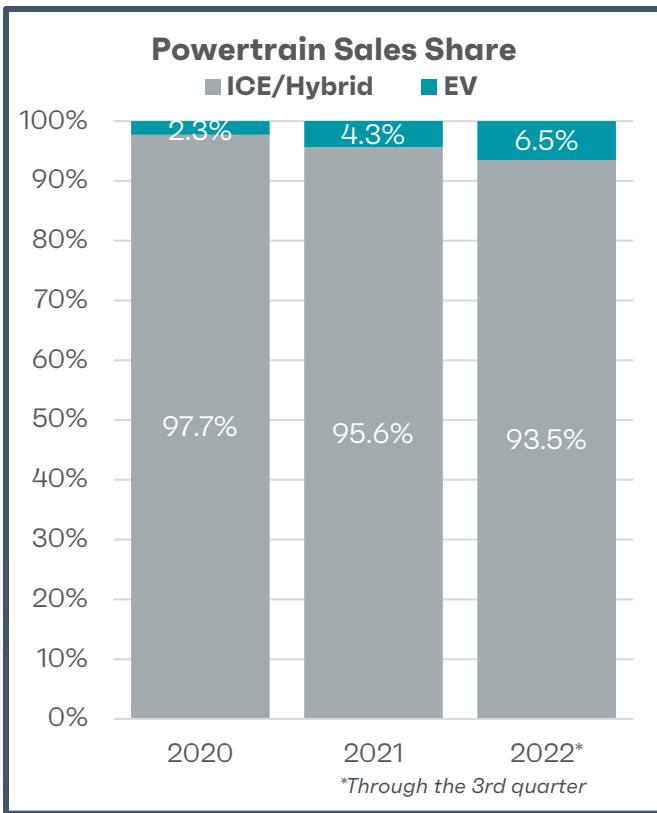
REGISTRATIONS AND INFRASTRUCTURE8

ELECTRIC VEHICLE SALES OVERVIEW (2022)

In the third quarter of 2022, more than 232,000 electric vehicles (EVs, including battery, plug-in hybrid, and fuel cell electric vehicles) were sold in the United States, representing 7.1 percent of overall light-duty vehicle sales, a 2.14 percentage point (pp) increase over the third quarter of 2021, and a 0.42 pp increase from the second quarter of 2022¹. More than 652,000 EVs were sold in the first three quarters of 2022, 6.53 percent of all light vehicle sales and an increased market share of 3.0 pp over the first three quarters of 2021. The total volume of all light-duty sales for the first three quarters of the year is down 17 percent from the same period a year ago, while the volume for EVs increased 40 percent (an increase of 184,884 vehicles). For comparison, internal combustion engine (ICE) vehicle market share decreased by 3.6 pp during the first three quarters of 2022 compared to the first three quarters of 2021².



¹ See past editions of "Get Connected: Electric Vehicle Report" for previous quarters.
² Hybrid vehicles comprised the remainder of the gains in vehicle share.



[SEE ADDITIONAL HISTORIC DATA ON EV SALES HERE](#)

ELECTRIC VEHICLE SALES BY SEGMENT

While passenger cars once dominated the EV market, manufacturers continue to introduce new models to satisfy a variety of consumer needs. Utility vehicle (UV) offerings continue to grow, and while electric pickup trucks are a relatively new entry to the market (making their commercial debut in September 2021), more models and deliveries are expected soon. As a result, non-car segments are continuing to make gains, and in the third quarter of 2022, light truck (UVs, minivans, and pickups) sales comprised more than 68 percent of the EV market.

Quarterly sales of BEV and PHEV UVs have grown from about 19 percent of EVs at the start of 2020 to 61 percent in the third quarter of 2022 (averaging 55 percent of EV sales for all of 2021).

EV MODEL AVAILABILITY

86 Vehicle Models Sold in Q3 2022:

45 Battery Electric Vehicles

- 17 Cars
- 23 Utility Vehicles
- 3 Pickups
- 2 Vans

39 Plug-in Hybrid Vehicles

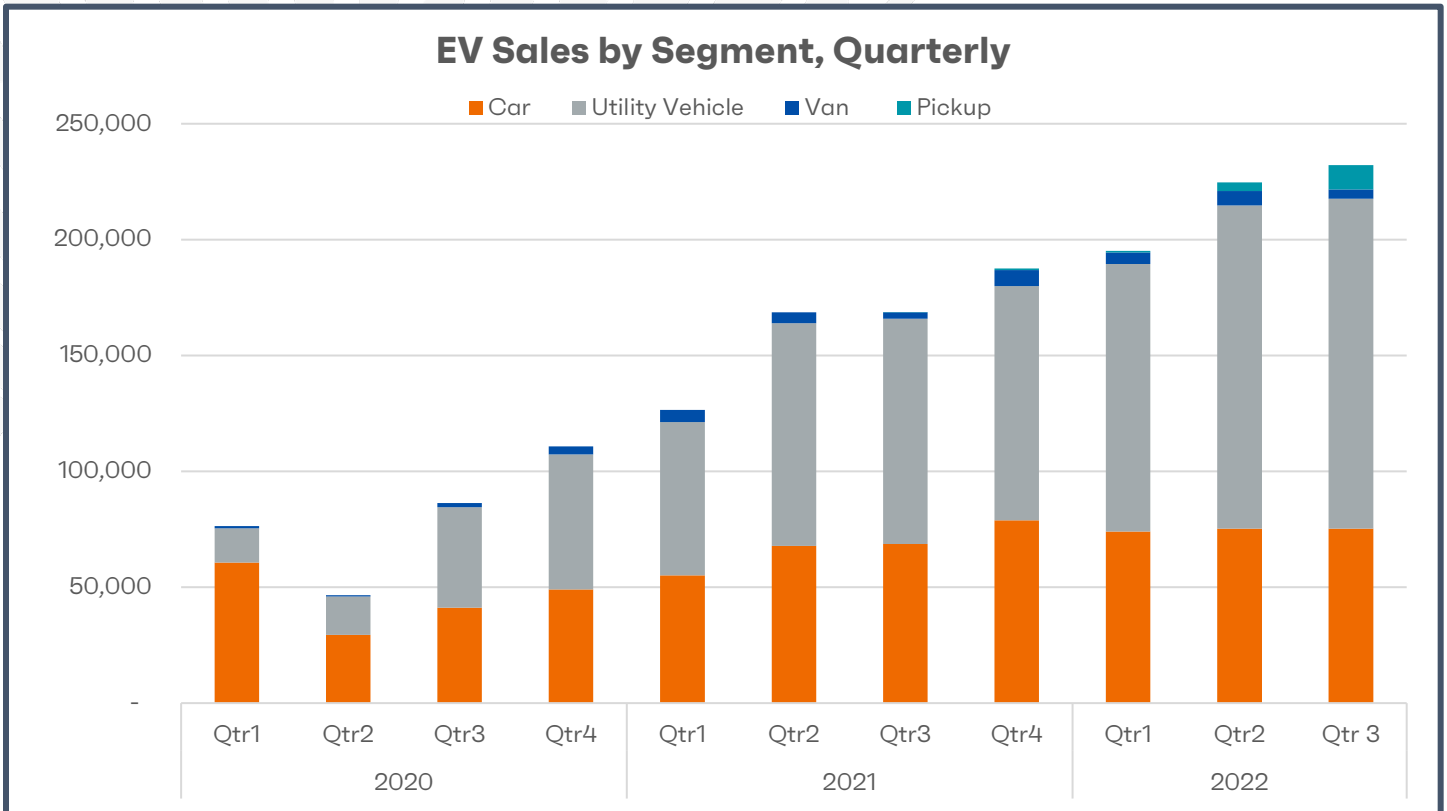
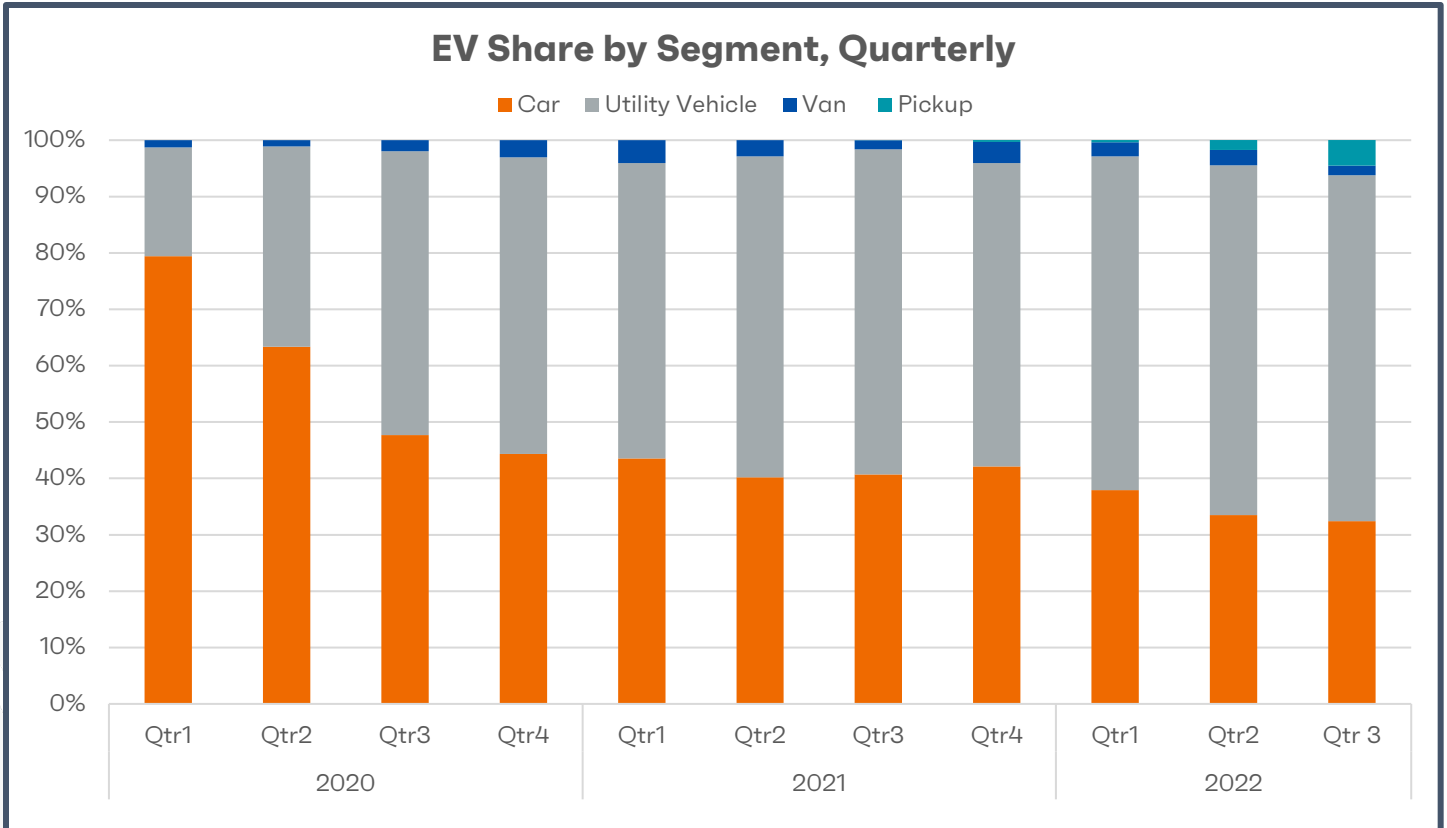
- 17 Cars
- 21 Utility Vehicles
- 1 Van

2 Fuel Cell Electric Vehicles

- 1 Cars
- 1 Utility Vehicle

See more information about

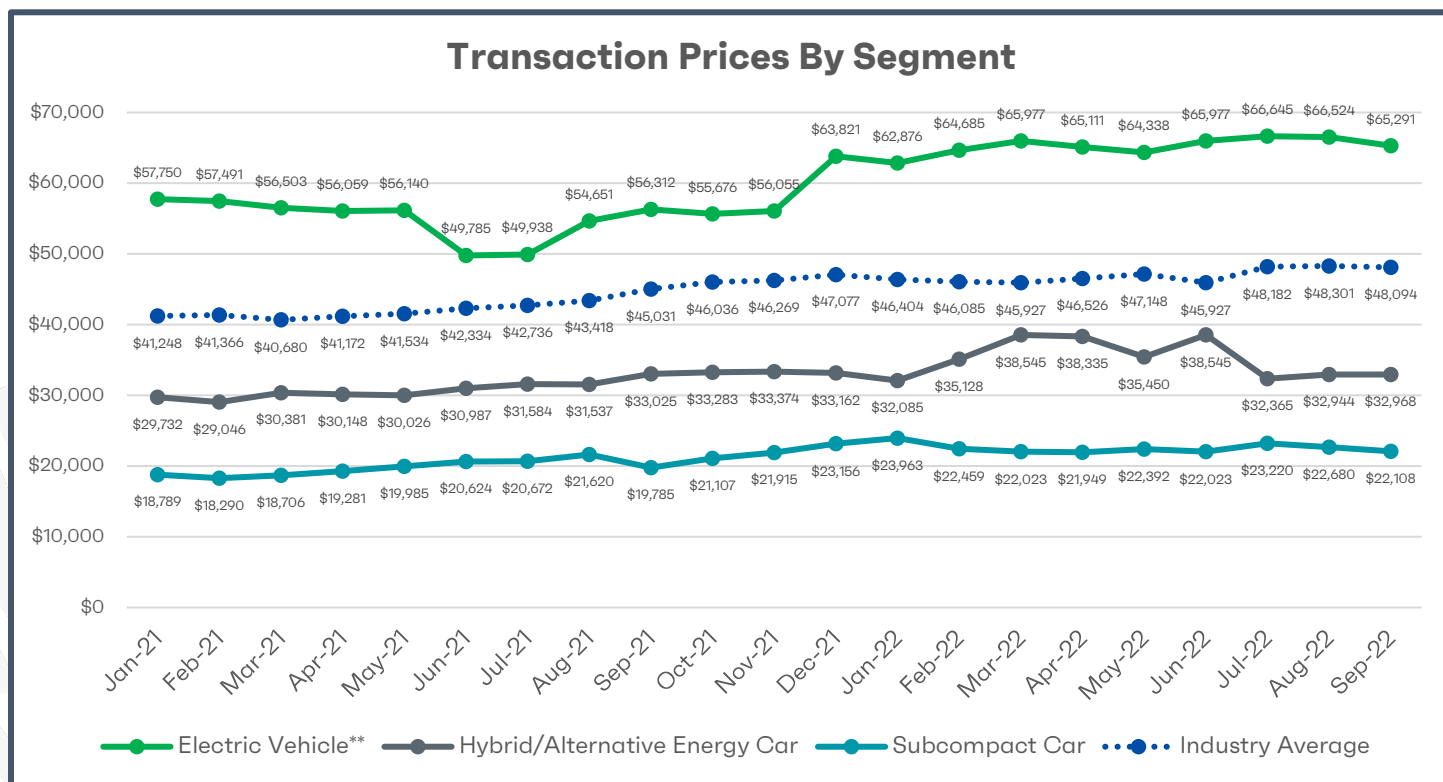
[EV CHOICE HERE](#)



Source: Figures compiled by Alliance for Automotive Innovation with new registrations for retail and fleet data provided by S&P Global Mobility covering January 1, 2020 – September 30, 2022

ELECTRIC VEHICLE TRANSACTION PRICES

The cost of the average EV in the third quarter of 2022 was about \$66,100 while the average cost of all new light-duty vehicles in that time period was about \$48,000. Year-over-year, EV prices rose more than \$12,500 from the third quarter of 2021 while the average cost of all new light vehicles rose just over \$3,700.³



ELECTRIC VEHICLE SALES BY STATE

For the Third Quarter 2022:

California continues to lead the nation in EV sales, with BEVs, PHEVs and FCEVs making up more than 20 percent of new light-duty vehicle registrations in the third quarter of 2022. There are currently 20 additional states⁴ and the District of Columbia with new vehicle EV registrations above 5 percent. Nationally, EV new vehicle registrations in July 2022 - September 2022 were 7.1 percent, a 0.42 pp increase from the second quarter of 2022.

The market share of new EV vehicles registered increased in all but three states⁵, year-over-year, in the third quarter of 2022. Sixteen states witnessed increased market share of EVs by 2 pp or more. Making the largest increases were California (6.2 pp), Nevada (4.6 pp), Washington, (4.1 pp), Oregon (3.9 pp), and Illinois (2.9 pp). The national average for EV sales in the third quarter increased by 2.1 pp YoY (from 4.9 percent to 7.1 percent EV sales).

³ Average transaction prices from Kelley Blue Book, monthly press releases

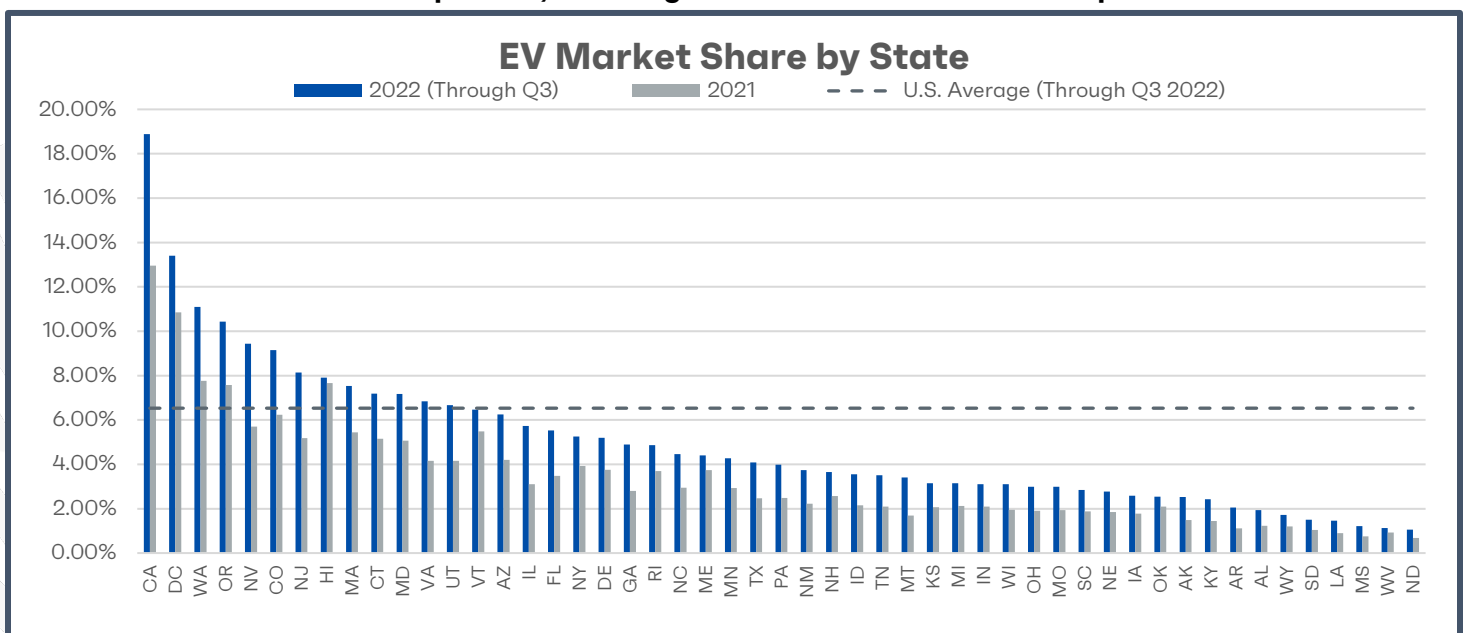
⁴ States with more than a 5 percent market share of EVs: California, District of Columbia, Washington, Oregon, Nevada, Colorado, Hawaii, New Jersey, Connecticut, Massachusetts, Utah, Maryland, Vermont, Arizona, Virginia, Illinois, Delaware, Florida, Georgia, New York, Rhode Island, North Carolina

⁵ Hawaii, Oklahoma, and West Virginia

For the First Three Quarters of 2022:

Through the first three quarters of the year, EV sales represented 6.5 percent of the market – a 3.0 pp increase over the same period of 2021. Nearly 19 percent of sales in California were EV, which also had the largest year-over-year increase for the period at 7.8 pp. Following California, the states with the largest market share gains were Nevada (5.2 pp), Washington (4.8 pp), New Jersey (4.4 pp) and Oregon (4.2 pp). Nineteen states and the District of Columbia increased their year-over-year EV market share by 2 pp or more. Seven states increased by less than 1 pp. While some states continue to have strong EV sales, 16 states had new EV registrations of less than three percent; seven of those states were under two percent. All states had a market share above 1.0 percent for EV sales.

Through the first three quarters of the year, 18 states and the District of Columbia have an EV market share above 5 percent, including three states and DC above 10 percent.



Year to Date (Through Q3) EV Market Share by State

1	CA*	18.89%	11	MD*	7.18%	21	RI*	4.87%	31	MT	3.41%	41	OK	2.54%
2	DC	13.40%	12	VA*	6.84%	22	NC	4.46%	32	KS	3.15%	42	AK	2.53%
3	WA*	11.09%	13	UT	6.66%	23	ME*	4.40%	33	MI	3.15%	43	KY	2.42%
4	OR*	10.43%	14	VT*	6.46%	24	MN*	4.27%	34	IN	3.11%	44	AR	2.04%
5	NV*	9.44%	15	AZ	6.25%	25	TX	4.09%	35	WI	3.10%	45	AL	1.94%
6	CO*	9.15%	16	IL	5.73%	26	PA	3.98%	36	OH	2.99%	46	WY	1.71%
7	NJ*	8.13%	17	FL	5.53%	27	NM	3.74%	37	MO	2.99%	47	SD	1.50%
8	HI	7.91%	18	NY*	5.26%	28	NH	3.65%	38	SC	2.85%	48	LA	1.46%
9	MA*	7.54%	19	DE	5.20%	29	ID	3.55%	39	NE	2.77%	49	MS	1.22%
10	CT*	7.19%	20	GA	4.89%	30	TN	3.50%	40	IA	2.58%	50	WV	1.13%
												51	ND	1.05%

⁶ Figures compiled by Alliance for Automotive Innovation with new registrations for retail and fleet data provided by S&P Global Mobility covering January 1 – September 30, 2021, and January 1 – September 30, 2022

Third Quarter 2022, New Light-Duty Vehicle Registrations By Powertrain					Change In Market Share (2022 Q3 vs 2021 Q3), New Light-Duty Vehicle Registrations Powertrain				
State	Advanced Powertrain Market Share				Advanced Powertrain Market Share (Percentage Point Change)				
	PHEV	BEV	FCEV	EV	PHEV	BEV	FCEV	EV	
AK	0.73%	2.35%	0.00%	3.08%	0.19	1.27	0.00	1.45	
AL	0.51%	1.79%	0.00%	2.31%	0.15	0.81	0.00	0.97	
AR	0.45%	1.95%	0.00%	2.39%	0.02	1.08	0.00	1.09	
AZ	0.90%	6.22%	0.00%	7.13%	0.06	2.09	0.00	2.14	
CA*	2.56%	17.51%	0.04%	20.11%	-0.49	6.82	-0.17	6.16	
CO*	1.78%	7.89%	0.00%	9.67%	-0.14	2.95	0.00	2.81	
CT*	2.41%	5.52%	0.00%	7.94%	-0.02	1.67	0.00	1.65	
DC	3.24%	11.69%	0.00%	14.93%	-1.78	3.86	0.00	2.08	
DE	1.30%	4.95%	0.00%	6.25%	0.22	2.30	0.00	2.51	
FL	0.99%	5.22%	0.00%	6.20%	0.31	2.06	0.00	2.37	
GA	0.72%	4.79%	0.00%	5.51%	0.06	2.29	0.00	2.35	
HI	1.76%	7.35%	0.01%	9.12%	-0.07	-0.01	0.01	-0.08	
IA	0.75%	1.87%	0.00%	2.62%	0.06	0.52	0.00	0.58	
ID	0.88%	3.25%	0.00%	4.14%	0.30	1.46	0.00	1.77	
IL	1.05%	5.36%	0.00%	6.41%	0.11	2.79	0.00	2.91	
IN	0.84%	2.71%	0.00%	3.55%	0.13	1.01	0.00	1.14	
KS	0.80%	2.51%	0.00%	3.31%	0.18	0.85	0.00	1.04	
KY	0.65%	2.21%	0.00%	2.86%	0.14	0.92	0.00	1.07	
LA	0.36%	1.02%	0.00%	1.38%	0.04	0.38	0.00	0.42	
MA*	2.17%	5.58%	0.00%	7.75%	-0.37	1.82	0.00	1.45	
MD*	1.67%	5.53%	0.00%	7.20%	-0.28	1.36	0.00	1.08	
ME*	1.89%	2.89%	0.00%	4.78%	-0.21	1.06	0.00	0.85	
MI	1.20%	2.42%	0.00%	3.61%	0.27	1.08	0.00	1.35	
MN*	0.84%	3.73%	0.00%	4.57%	-0.01	1.38	0.00	1.37	
MO	1.08%	2.69%	0.00%	3.77%	0.43	1.14	0.00	1.58	
MS	0.34%	0.98%	0.00%	1.32%	0.11	0.38	0.00	0.49	
MT	0.81%	3.56%	0.00%	4.38%	0.07	2.32	0.00	2.39	
NC	0.85%	4.19%	0.00%	5.05%	-0.05	1.78	0.00	1.74	
ND	0.30%	0.94%	0.00%	1.25%	-0.08	0.42	0.00	0.34	
NE	0.92%	2.23%	0.00%	3.15%	-0.04	0.94	0.00	0.90	
NH	1.20%	3.12%	0.00%	4.32%	-0.03	1.55	0.00	1.52	
NJ*	1.47%	7.10%	0.00%	8.57%	-0.04	2.67	0.00	2.62	
NM	0.83%	3.28%	0.00%	4.11%	0.12	1.69	0.00	1.81	
NV*	1.24%	9.91%	0.00%	11.15%	0.11	4.51	0.00	4.62	
NY*	1.59%	3.87%	0.00%	5.46%	-0.20	1.15	0.00	0.95	
OH	0.83%	2.48%	0.00%	3.31%	0.17	0.81	0.00	0.98	
OK	0.44%	1.32%	0.00%	1.76%	-1.07	-0.48	0.00	-1.55	
OR*	2.59%	9.60%	0.00%	12.19%	-0.23	4.13	0.00	3.90	
PA	1.17%	3.09%	0.00%	4.26%	0.24	1.18	0.00	1.42	
RI*	1.72%	3.54%	0.00%	5.26%	-0.40	1.21	0.00	0.81	
SC	0.75%	2.58%	0.00%	3.33%	0.15	1.07	0.00	1.22	
SD	0.47%	1.21%	0.00%	1.67%	0.12	0.51	0.00	0.63	
TN	0.70%	3.09%	0.00%	3.79%	0.17	1.23	0.00	1.39	
TX	0.57%	4.34%	0.00%	4.92%	0.04	1.99	0.00	2.04	
UT	1.03%	6.23%	0.00%	7.26%	-0.01	1.77	0.00	1.77	
VA*	1.32%	5.79%	0.00%	7.11%	0.18	2.57	0.00	2.75	
VT*	2.30%	4.89%	0.00%	7.18%	-0.65	1.71	0.00	1.05	
WA*	1.47%	11.15%	0.00%	12.62%	0.17	3.88	0.00	4.05	
WI	0.80%	2.65%	0.00%	3.44%	0.20	1.01	0.00	1.22	
WV	0.34%	0.88%	0.00%	1.21%	-0.21	0.20	0.00	-0.01	
WY	0.43%	1.56%	0.00%	1.99%	-0.03	1.02	0.00	0.99	
U.S.	1.23%	5.84%	0.00%	7.07%	-0.04	2.21	-0.02	2.14	

*Denotes states that have adopted California's ZEV program

Source: Figures compiled by Alliance for Automotive Innovation with new registrations for retail and fleet data provided by S&P Global Mobility covering July 1 - September 30, 2021, and July 1 - September 30, 2022

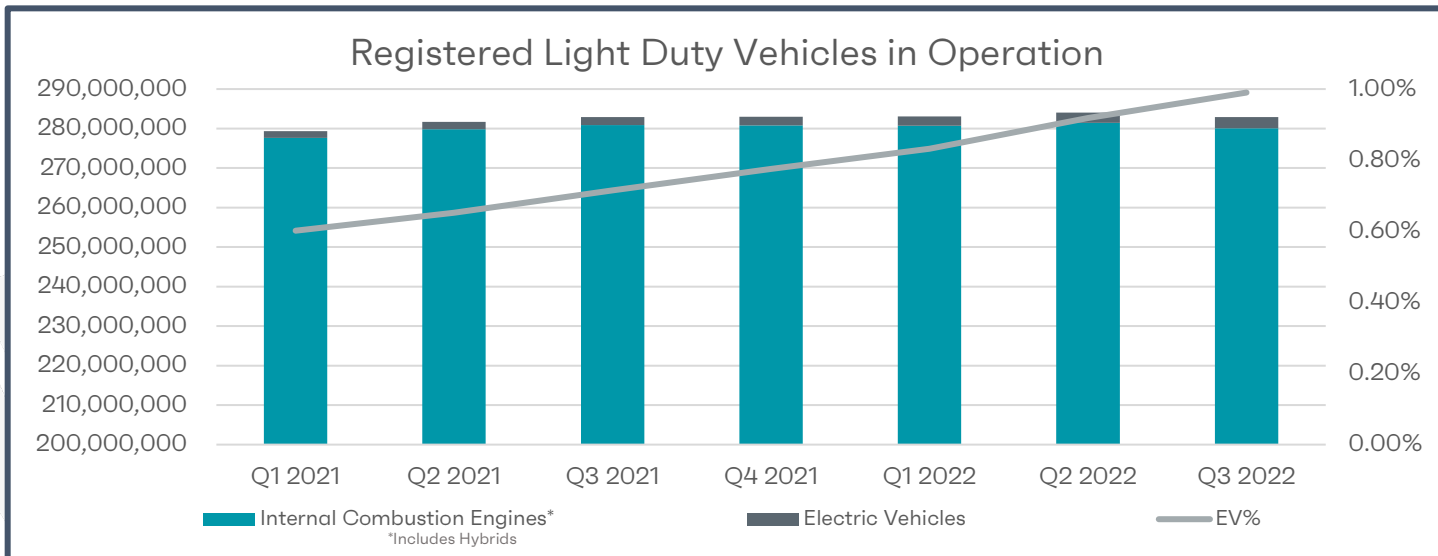
First three Quarters of 2022, New Light-Duty Vehicle Registrations By Powertrain					Change In Market Share (Through First Three Quarters 2022 vs 2021), New Light-Duty Vehicle Registrations Powertrain				
State	Advanced Powertrain Market Share				Advanced Powertrain Market Share (Percentage Point Change)				
	PHEV	BEV	FCEV	EV	PHEV	BEV	FCEV	EV	
AK	0.61%	1.92%	0.00%	2.53%	0.18	0.90	0.00	1.13	
AL	0.46%	1.48%	0.00%	1.94%	0.13	0.78	0.00	1.01	
AR	0.48%	1.57%	0.00%	2.04%	0.15	0.92	0.00	1.17	
AZ	0.97%	5.28%	0.00%	6.25%	0.23	2.25	0.00	2.92	
CA*	2.65%	16.07%	0.17%	18.89%	-0.43	7.62	-0.03	7.82	
CO*	2.00%	7.15%	0.00%	9.15%	0.52	3.13	0.00	4.10	
CT*	2.33%	4.87%	0.00%	7.19%	0.44	2.09	0.00	3.12	
DC	3.39%	10.01%	0.00%	13.40%	-0.44	3.46	0.00	4.09	
DE	1.33%	3.86%	0.00%	5.20%	0.37	1.50	0.00	2.04	
FL	0.93%	4.60%	0.00%	5.53%	0.37	2.11	0.00	2.78	
GA	0.77%	4.11%	0.00%	4.89%	0.24	2.23	0.00	2.71	
HI	1.82%	6.08%	0.01%	7.91%	0.40	-0.10	0.00	1.09	
IA	0.83%	1.75%	0.00%	2.58%	0.21	0.78	0.00	1.16	
ID	0.86%	2.69%	0.00%	3.55%	0.20	1.34	0.00	1.67	
IL	1.15%	4.58%	0.00%	5.73%	0.37	2.56	0.00	3.16	
IN	0.83%	2.28%	0.00%	3.11%	0.22	0.98	0.00	1.38	
KS	0.81%	2.34%	0.00%	3.15%	0.24	0.99	0.00	1.35	
KY	0.69%	1.73%	0.00%	2.42%	0.27	0.85	0.00	1.29	
LA	0.41%	1.06%	0.00%	1.46%	0.16	0.56	0.00	0.80	
MA*	2.49%	5.05%	0.00%	7.54%	0.43	2.09	0.00	2.94	
MD*	1.74%	5.44%	0.00%	7.18%	0.20	2.35	0.00	3.08	
ME*	2.08%	2.32%	0.00%	4.40%	0.01	0.74	0.00	0.85	
MI	1.16%	1.99%	0.00%	3.15%	0.32	0.69	0.00	1.25	
MN*	0.99%	3.28%	0.00%	4.27%	0.25	1.35	0.00	1.77	
MO	0.92%	2.06%	0.00%	2.99%	0.41	0.87	0.00	1.48	
MS	0.35%	0.87%	0.00%	1.22%	0.14	0.46	0.00	0.69	
MT	0.81%	2.59%	0.00%	3.41%	0.31	1.74	0.00	2.33	
NC	0.91%	3.55%	0.00%	4.46%	0.20	1.64	0.00	2.09	
ND	0.28%	0.77%	0.00%	1.05%	0.01	0.40	0.00	0.51	
NE	0.92%	1.85%	0.00%	2.77%	0.20	0.81	0.00	1.19	
NH	1.21%	2.44%	0.00%	3.65%	0.23	1.17	0.00	1.47	
NJ*	1.58%	6.55%	0.00%	8.13%	0.43	3.37	0.00	4.41	
NM	0.86%	2.88%	0.00%	3.74%	0.23	1.58	0.00	1.94	
NV*	1.36%	8.08%	0.00%	9.44%	0.41	4.13	0.00	5.21	
NY*	1.75%	3.50%	0.00%	5.26%	0.21	1.39	0.00	1.88	
OH	0.79%	2.20%	0.00%	2.99%	0.25	0.97	0.00	1.40	
OK	1.09%	1.45%	0.00%	2.54%	0.64	0.67	0.00	1.90	
OR*	2.87%	7.56%	0.00%	10.43%	0.48	3.09	0.00	4.15	
PA	1.08%	2.90%	0.00%	3.98%	0.34	1.40	0.00	1.94	
RI*	1.85%	3.02%	0.00%	4.87%	0.33	1.11	0.00	1.80	
SC	0.79%	2.06%	0.00%	2.85%	0.28	0.93	0.00	1.39	
SD	0.51%	1.00%	0.00%	1.50%	0.11	0.47	0.00	0.62	
TN	0.75%	2.75%	0.00%	3.50%	0.32	1.37	0.00	1.92	
TX	0.61%	3.48%	0.00%	4.09%	0.17	1.77	0.00	2.22	
UT	1.16%	5.50%	0.00%	6.66%	0.33	2.67	0.00	3.75	
VA*	1.47%	5.37%	0.00%	6.84%	0.48	2.82	0.00	3.56	
VT*	2.52%	3.94%	0.00%	6.46%	0.13	1.15	0.00	1.64	
WA*	1.63%	9.46%	0.00%	11.09%	0.33	3.87	0.00	4.76	
WI	0.81%	2.29%	0.00%	3.10%	0.26	1.03	0.00	1.44	
WV	0.36%	0.77%	0.00%	1.13%	0.01	0.29	0.00	0.46	
WY	0.44%	1.27%	0.00%	1.71%	-0.02	0.73	0.00	0.69	
U.S.	1.30%	5.21%	0.02%	6.53%	0.21	2.44	0.00	3.03	

*Denotes states that have adopted California's ZEV program

Source: Figures compiled by Alliance for Automotive Innovation with new registrations for retail and fleet data provided by S&P Global Mobility covering January 1 – September 30, 2021, and January 1 – September 30, 2022

REGISTRATIONS AND INFRASTRUCTURE

Share of Registered EVs In U.S. Light-Duty Fleet Continues to Increase Incrementally. As sales of EVs increase, so does the total number of EVs operating on U.S. roads. While there are more than 284 million light-duty vehicles in operation in the United States, electric vehicles continue to represent under one percent of all vehicles in the country (just over 2.8 million EVs). At the end of the third quarter of 2022, registered EVs constituted 0.99 percent of the U.S. fleet, an increase of 0.2 pp since the end of 2021 and an increase of 0.39 pp since the end of the first quarter in 2021.⁷



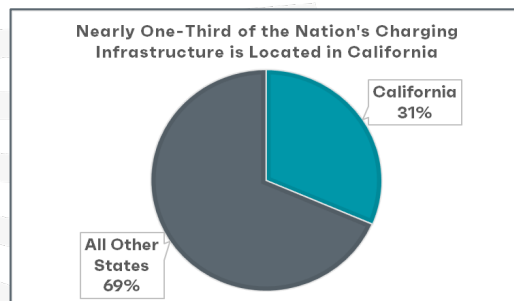
U.S. PUBLIC CHARGING INFRASTRUCTURE

While the U.S. Department of Energy notes that roughly 80 percent of all electric vehicle charging occurs at home, reliable and convenient access to workplace and public charging and refueling stations help to support customers that purchase EVs. Workplace and public charging infrastructure not only eases perceived "range anxiety" concerns but also increases consumer awareness of the technology. The bipartisan Infrastructure Investment and Jobs Act that was signed into law in November 2021, includes \$5 billion in funding for states to establish a nationwide EV charging network and \$2.5 billion in competitive grants to deploy publicly available EV charging, hydrogen fueling, propane fueling, and natural gas fueling stations through 2026. Here is a snapshot of publicly available, non-proprietary EV charging and refueling infrastructure available across the United States at the end of September 2022:

- Level 2:** 39,448 Locations, 89,416 EVSE Ports*
- DC Fast:** 4,314 Locations, 10,209 EVSE Ports*
- Hydrogen Refueling:** 54 Stations (53 of 54 are in California)
- U.S. Total:** 42,687 Locations, 98,804 EVSE Ports

*Charging port connectors include J1772 and CCS

[See Recommended Attributes for EV Charging Stations](#)



California has 38% of all registered EVs

Charging information from U.S. Department of Energy Alternative Fuels Data Center, stations in operation as of 9/30/2022;

Note: prior editions of this report included proprietary chargers

⁷ Registered vehicles in operation compiled by Alliance for Automotive Innovation with data provided by S&P Global Mobility covering January 1, 2021 – September 30, 2022



Public, Non-Proprietary Charging Outlets And Registered EVs (as of 9/30/2022)

	EV Level 2	EV DC Fast	H2** Fueling	Total	Percent EVs of Total VIO***	Share of Registered EVs****	EVs Per Charger	Additional Chargers Needed to Support 25% EV VIO*****	EVs Per 10K Residents
AK	60	12	-	72	0.38%	0.08%	30	20,657	29.63
AL	396	53	-	449	0.21%	0.37%	23	180,825	21.39
AR	420	26	-	446	0.20%	0.20%	13	98,561	18.51
AZ	1,665	131	-	1,796	1.02%	2.48%	39	241,745	96.73
CA*	26,537	3,068	53	29,658	3.33%	37.55%	35	1,098,959	265.94
CO*	2,819	363	-	3,182	1.28%	2.41%	21	185,432	118.68
CT*	941	81	-	1,022	0.94%	1.00%	28	106,405	78.80
DC	670	16	-	686	2.18%	0.27%	11	11,496	105.71
DE	184	19	-	203	0.71%	0.23%	32	32,263	66.76
FL	4,630	417	-	5,047	0.95%	6.15%	34	644,774	80.82
GA	2,728	329	-	3,057	0.65%	2.17%	20	329,693	57.83
HI	684	49	1	734	1.84%	0.78%	30	41,442	153.02
IA	369	100	-	469	0.28%	0.32%	19	113,033	28.56
ID	167	34	-	201	0.41%	0.29%	40	69,448	46.08
IL	1,730	194	-	1,924	0.71%	2.57%	37	362,458	56.61
IN	561	57	-	618	0.37%	0.80%	36	217,997	33.52
KS	800	44	-	844	0.34%	0.35%	12	101,687	33.72
KY	410	22	-	432	0.23%	0.34%	22	146,241	21.03
LA	253	19	-	272	0.19%	0.25%	26	136,143	15.29
MA*	4,515	163	-	4,678	1.19%	2.32%	14	190,920	94.14
MD*	2,547	321	-	2,868	1.09%	1.96%	19	178,016	90.94
ME*	576	52	-	628	0.69%	0.33%	15	46,798	68.81
MI	1,775	205	-	1,980	0.50%	1.52%	22	300,905	42.66
MN*	974	81	-	1,055	0.56%	1.05%	28	184,864	52.23
MO	1,748	90	-	1,838	0.38%	0.77%	12	200,347	35.10
MS	166	7	-	173	0.11%	0.12%	19	106,609	11.16
MT	110	22	-	132	0.27%	0.14%	30	52,099	37.41
NC	1,733	178	-	1,911	0.55%	1.86%	27	336,702	50.26
ND	100	19	-	119	0.13%	0.04%	9	28,317	13.39
NE	305	47	-	352	0.29%	0.22%	17	74,249	31.62
NH	239	30	-	269	0.72%	0.35%	36	47,683	71.44
NJ*	1,311	164	-	1,475	1.20%	3.05%	58	253,377	95.76
NM	273	56	-	329	0.46%	0.32%	27	69,949	42.83
NV*	778	124	-	902	1.35%	1.19%	37	86,997	109.73
NY*	6,677	347	-	7,024	1.04%	4.35%	17	410,172	62.37
OH	1,898	207	-	2,105	0.41%	1.57%	21	381,511	37.61
OK	331	575	-	906	0.49%	0.77%	24	155,264	54.70
OR*	1,446	222	-	1,668	1.54%	2.05%	35	131,582	137.33
PA	2,154	180	-	2,334	0.54%	2.15%	26	396,865	46.94
RI*	530	34	-	564	0.72%	0.22%	11	29,599	57.49
SC	538	43	-	581	0.31%	0.58%	28	185,538	31.71
SD	69	1	-	70	0.18%	0.06%	26	35,297	20.41
TN	1,053	80	-	1,133	0.39%	0.92%	23	235,803	38.27
TX	3,862	271	-	4,133	0.62%	5.21%	35	838,525	50.88
UT	1,370	110	-	1,480	1.05%	1.09%	21	101,911	96.49
VA*	1,843	354	-	2,197	0.79%	2.12%	27	267,569	69.62
VT*	648	44	-	692	1.39%	0.28%	11	19,320	124.14
WA*	2,798	389	-	3,187	1.55%	3.90%	34	249,083	145.04
WI	647	52	-	699	0.39%	0.75%	30	190,487	36.22
WV	189	1	-	190	0.17%	0.10%	14	55,384	14.91
WY	72	2	-	74	0.18%	0.04%	16	23,307	20.61
U.S.	89,299	9,505	54	98,858	0.99%	100.00%	28	10,004,308	85.62

REGISTRATIONS

EV registrations as a share of all registered light-duty vehicles are 0.99 percent (as of September 30, 2022.) There are over 284 million registered light-duty vehicles in the U.S.

At the end of the second quarter, California accounted for nearly 38 percent of all registered light-duty EVs in the U.S.

States with highest portion of total EVs registered in the U.S.:

1. CA* (1,051,966, 3.3%)
2. FL (172,137, 6.1%)
3. TX (146,037, 5.2%)
4. NY* (121,889, 4.3%)
5. WA* (109,294, 3.9%)
6. NJ* (85,304, 3.1%)
7. IL (72,121, 2.6%)
8. AZ (69,370, 2.5%)
9. CO* (67,595, 2.4%)
10. MA* (64,979, 2.3%)

States with highest share of registered EVs per 10,000 residents:

1. CA*
2. HI
3. WA*
4. OR*
5. VT*
6. CO*
7. NV
8. DC
9. AZ
10. UT

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*Denotes states that have adopted California's ZEV program; **Hydrogen count denotes stations

*** VIO is vehicles in operation; **** State share of U.S. Total;

*****Calculated at 1:7 ratio at 25 percent of the existing state fleet. Ratio derived from [CEC AB 2127 Report](#) of July 14, 2021

Source: Figures compiled by Alliance for Automotive Innovation with registered vehicle data provided by S&P Global Mobility as of September 30, 2022; Charging information from U.S. Department of Energy Alternative Fuels Data Center, as of 9/30/2022.