

GET CONNECTED

ELECTRIC VEHICLE QUARTERLY REPORT



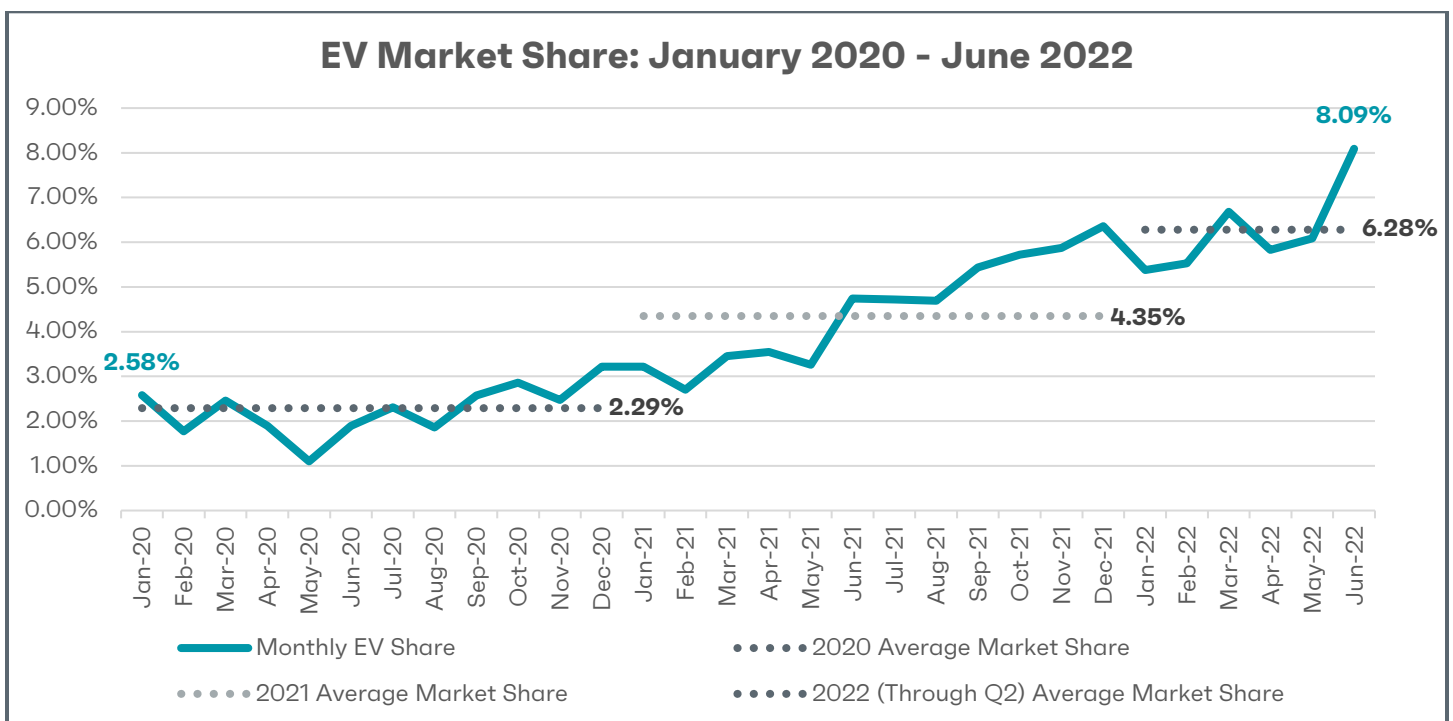
SECOND QUARTER, 2022

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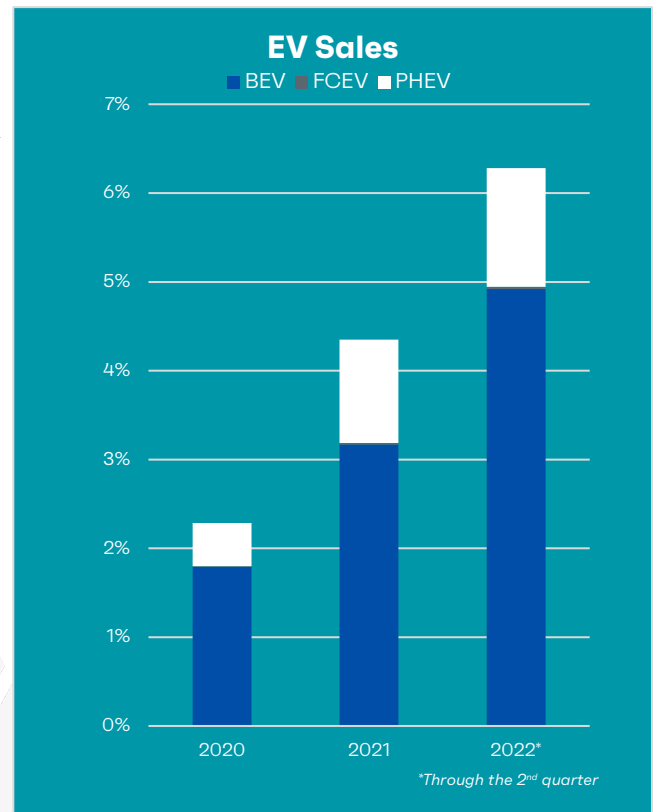
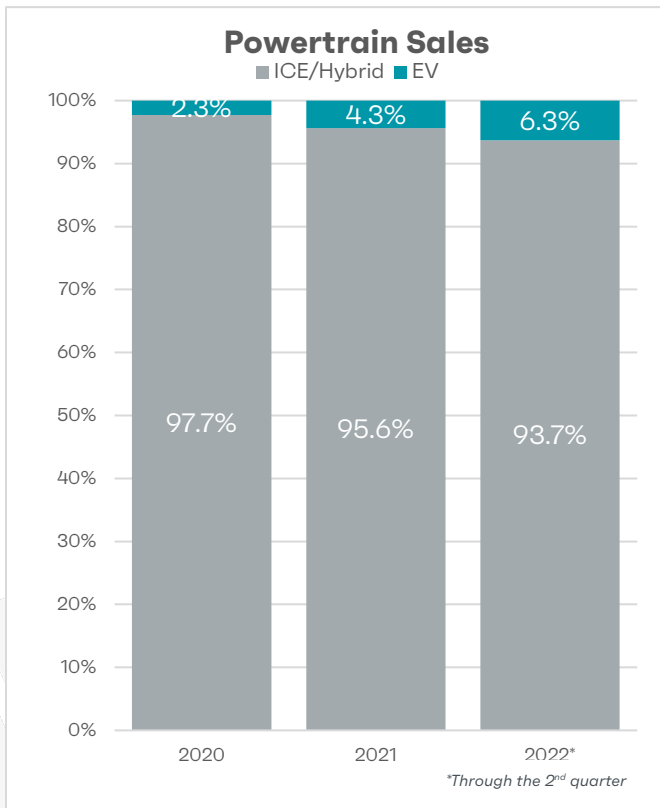
Electric Vehicle Sales Overview (2022)

In the second quarter of 2022, more than 224,00 electric vehicles (EVs, including battery, plug-in hybrid, and fuel cell electric vehicles) were sold in the United States, representing 6.6 percent of overall light-duty vehicle sales, a 2.83 percentage point (pp) increase over the second quarter of 2021, and a 0.75 pp increase from the first quarter of 2022¹. More than 420,000 EVs were sold in the first half of 2022, 6.28 percent of all light vehicle sales and an increased market share of 2.8 pp over the first half of 2021. The total volume of all light-duty sales for the first half of the year is down 22 percent from the same period a year ago, while the volume for EVs increased 41 percent (an increase of 122,484 vehicles). For comparison, internal combustion engine (ICE) vehicle market share decreased by 4.27 pp during the first half of 2022 compared to the first half 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

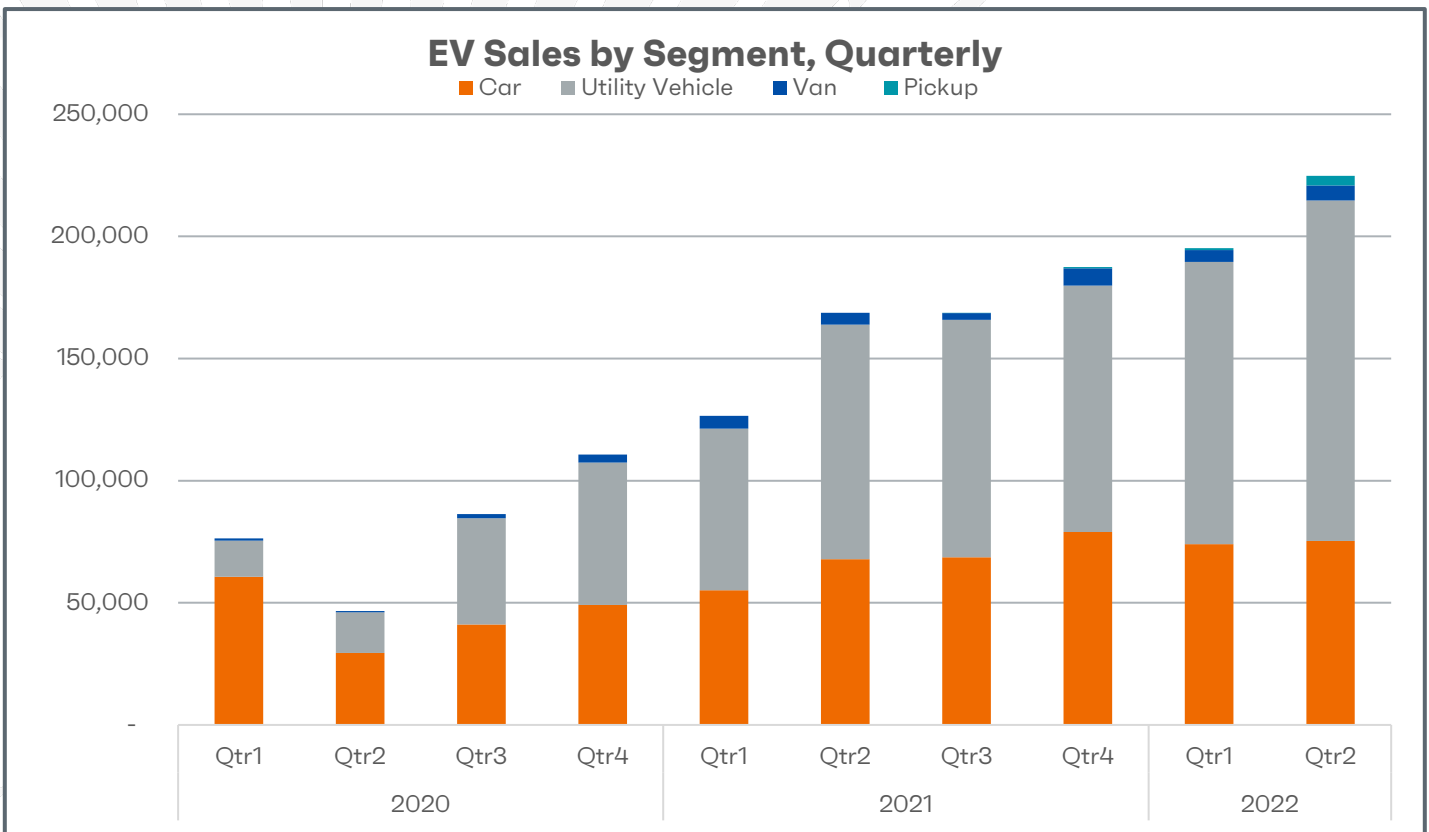
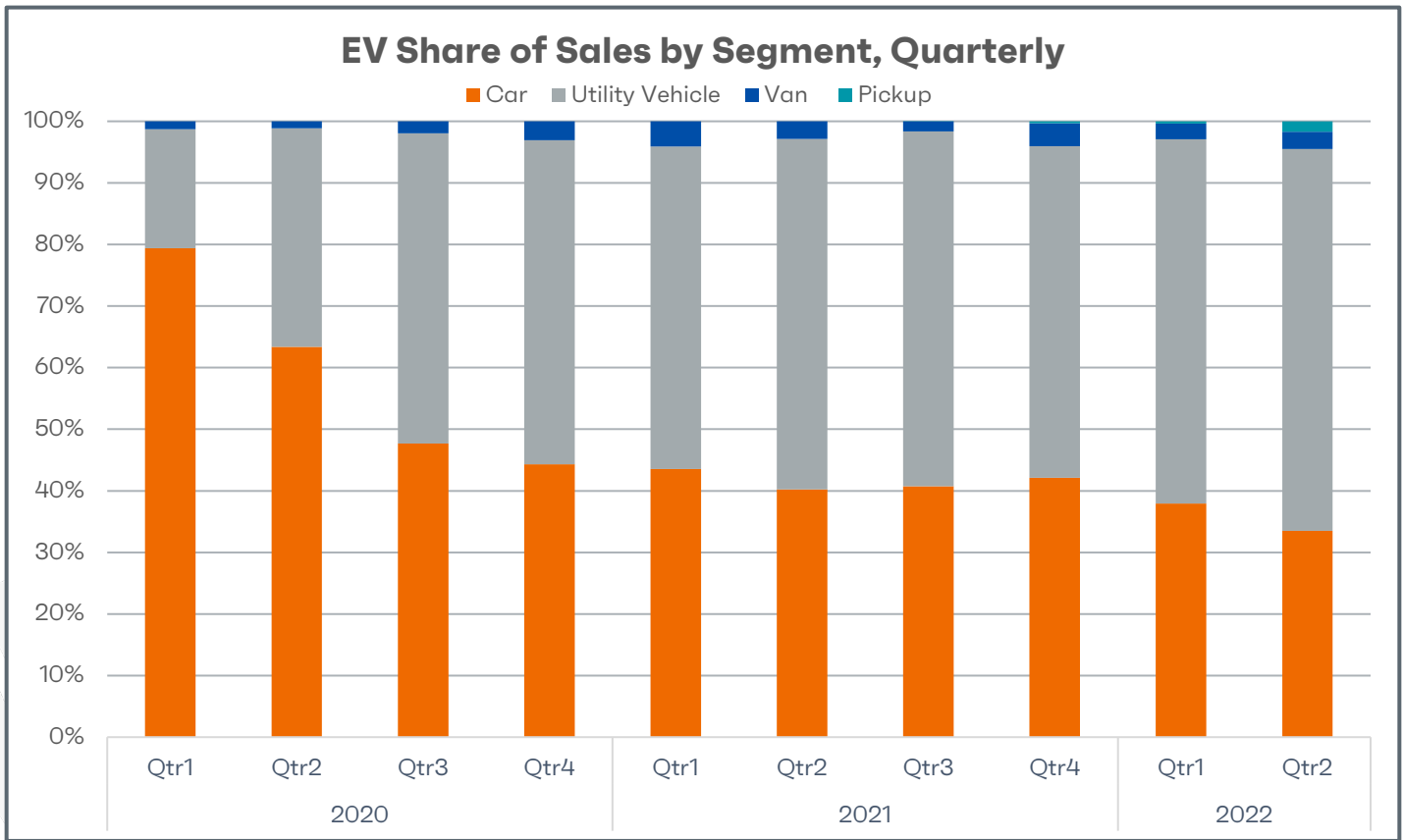
While passenger cars once dominated the EV market, manufacturers continue to introduce new models to satisfy a variety of consumer needs. Utility vehicle (UV) offerings continue to grow, and while electric pickup trucks are a relatively new entry to the market (making their commercial debut in September 2021), more models and deliveries are expected soon. As a result, non-car segments are continuing to make gains, and in the second quarter of 2022, light truck (UVs, minivans, and pickups) sales comprised more than 67 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 62 percent in the second quarter of 2022 (averaging 55 percent of EV sales for all of 2021).

EV MODEL AVAILABILITY
83 Vehicle Models Sold in Q2 2022:

- 40 Battery Electric Vehicles
 - 15 Cars
 - 19 Utility Vehicles
 - 3 Pickups
 - 3 Vans
- 40 Plug-in Hybrid Vehicles
 - 19 Cars
 - 21 Utility Vehicles
 - 1 Van
- 3 Fuel Cell Electric Vehicles
 - 2 Cars
 - 1 Utility Vehicle

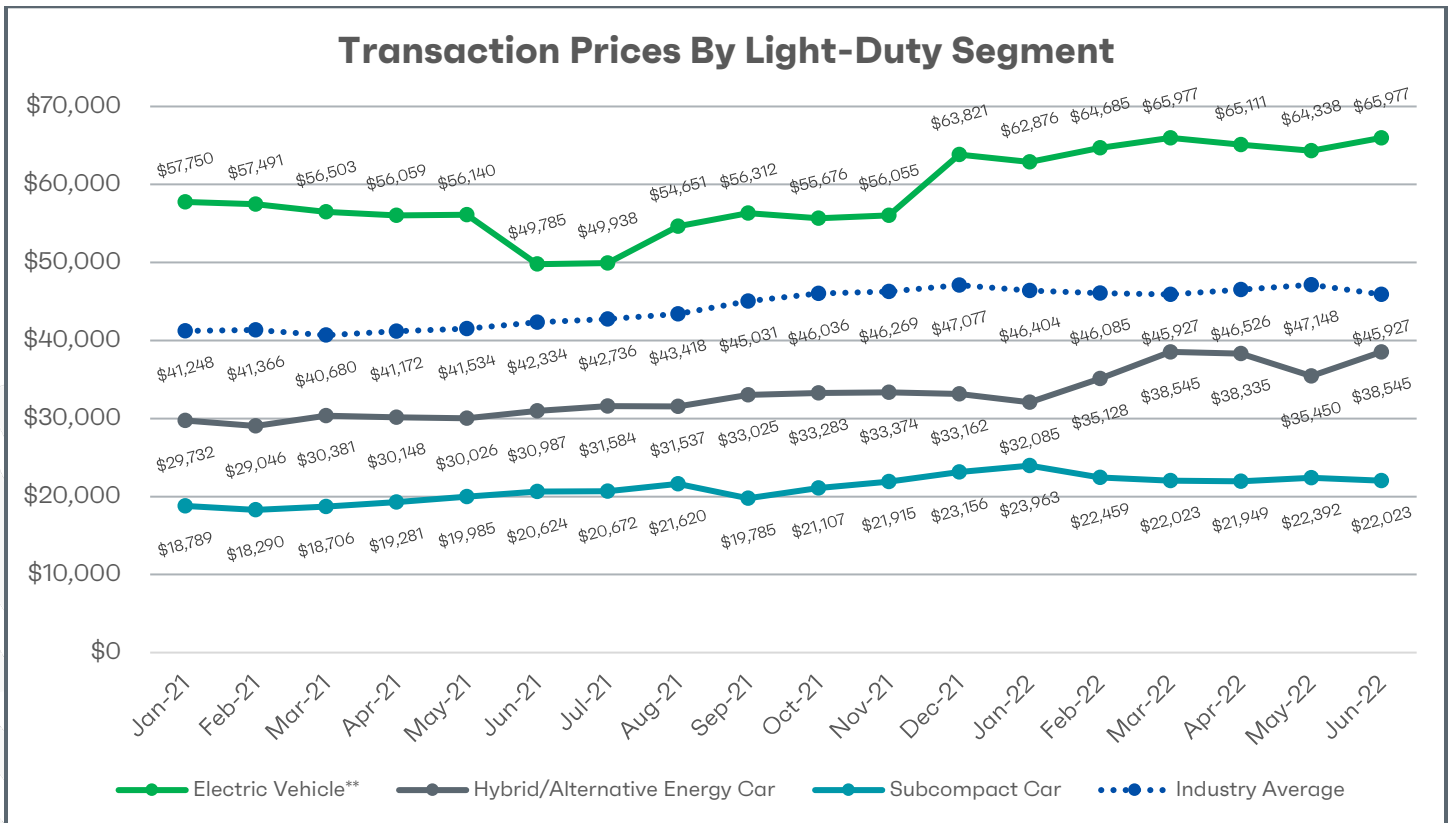
See more information about **EV CHOICE HERE**



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 - June 30, 2022.

Electric Vehicle Transaction Prices

The cost of the average EV in the second quarter of 2022 was about \$65,600 while the average cost of all new light-duty vehicles in that time period was about \$47,000. Year-over-year, EV prices rose more than \$11,600 from the second quarter of 2021 while the average cost of all new light vehicles rose just over \$5,400.³



ELECTRIC VEHICLE SALES BY STATE

For the Second Quarter 2022:

California continues to lead the nation in EV sales, with BEVs, PHEVs and FCEVs making up nearly 19 percent of new light-duty vehicle registrations in the second quarter of 2022. There are currently 18 additional states⁴ and the District of Columbia with new vehicle EV registrations above 5 percent. Nationally, EV new vehicle registrations in April 2022 - June 2022 were 6.6 percent, a 0.75 pp increase from the first quarter of 2022.

The market share of new EV vehicles registered increased in all but two states⁵, year-over-year, in the second quarter of 2022. Eighteen states witnessed increased market share of EVs by 2 pp or more. Making the largest increases were California (7.3 pp), New Jersey (5.7 pp), Nevada (5.1 pp), Washington, (4.4 pp) and Colorado (4.3 pp). The national average for EV sales in the second quarter increased by 2.8 pp YoY (from 3.8 percent to 6.6 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, Washington, Nevada, Oregon, Colorado, New Jersey, Massachusetts, Connecticut, Maryland, Virginia, Hawaii, Utah, Arizona, Florida, Vermont, Illinois, New York, Delaware, and Rhode Island.

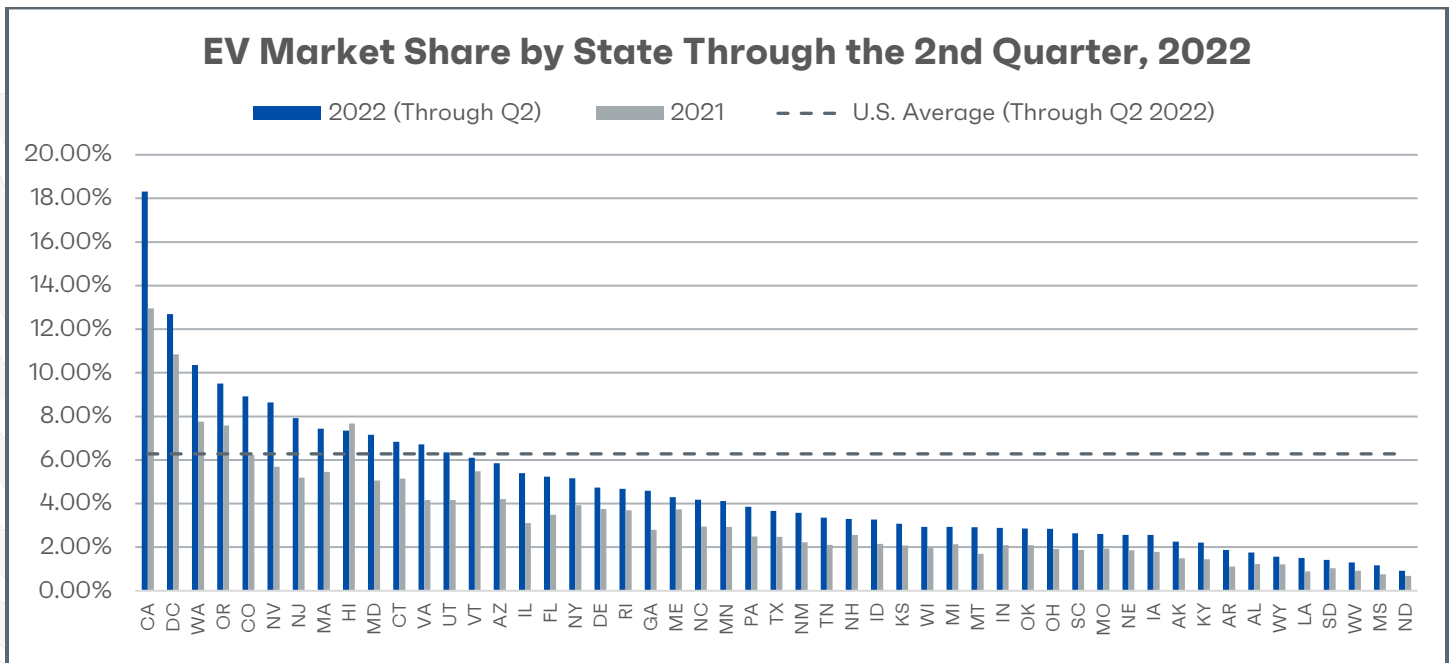
⁵ Maine and Hawaii

For the First Half of 2022:

Through the first half of the year, ZEV sales represented 6.28 percent of the market – a 2.8 pp increase over the same period of 2021. More than 18 percent of sales in California were ZEV, which also had the largest year-over-year increase for the period at 7.25 pp. Following California, the states with the largest market share gains were Nevada (4.4 pp), New Jersey (4.2 pp), Washington (4.0 pp), and Colorado (3.9 pp). Eighteen states increased their year-over-year ZEV market share by 2 pp or more. Ten states increased by less than 1 pp.

While some states continue to have strong ZEV sales, 22 states had new ZEV registrations of less than 3 percent; 8 of those states were under 2 percent. All states had a market share above 0.5 percent for ZEV sales.

Through the first half of the year, 18 states have an EV market share above 5 percent, while two states and the District of Columbia are above 10 percent.



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2022 First Half EV Market Share by State

1 CA*	18.32%	11 CT*	6.83%	21 GA	4.59%	31 KS	3.07%	41 IA	2.56%
2 DC	12.70%	12 VA	6.71%	22 ME*	4.29%	32 WI	2.93%	42 AK	2.25%
3 WA*	10.36%	13 UT	6.35%	23 NC	4.18%	33 MI	2.92%	43 KY	2.21%
4 OR*	9.51%	14 VT*	6.10%	24 MN	4.12%	34 MT	2.92%	44 AR	1.87%
5 CO*	8.91%	15 AZ	5.85%	25 PA	3.85%	35 IN	2.88%	45 AL	1.76%
6 NV	8.64%	16 IL	5.39%	26 TX	3.67%	36 OK	2.86%	46 WY	1.57%
7 NJ*	7.93%	17 FL	5.23%	27 NM	3.57%	37 OH	2.84%	47 LA	1.51%
8 MA*	7.43%	18 NY*	5.16%	28 TN	3.36%	38 SC	2.64%	48 SD	1.42%
9 HI	7.34%	19 DE	4.73%	29 NH	3.30%	39 MO	2.61%	49 WV	1.29%
10 MD*	7.15%	20 RI*	4.67%	30 ID	3.26%	40 NE	2.57%	50 MS	1.17%
								51 ND	0.92%

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 – June 30, 2021, and January 1 – June 30, 2022

Second Quarter 2022, New Light-Duty Vehicle Registrations By Powertrain					Change In Market Share (2022 Q2 vs 2021 Q2), New Light-Duty Vehicle Registrations Powertrain			
State	Advanced Powertrain Market Share				Advanced Powertrain Market Share (Percentage Point Change)			
	PHEV	BEV	FCEV	ZEV	PHEV	BEV	FCEV	ZEV
AK	0.45%	1.5%	0.0%	1.96%	-0.03	0.44	0.00	0.42
AL	0.47%	1.5%	0.0%	1.96%	0.06	0.84	0.00	0.91
AR	0.53%	1.7%	0.0%	2.22%	0.15	1.07	0.00	1.22
AZ	1.02%	5.3%	0.0%	6.33%	0.09	2.60	0.00	2.69
CA*	2.92%	15.5%	0.2%	18.67%	-0.65	7.90	0.03	7.29
CO*	2.23%	7.3%	0.0%	9.48%	0.63	3.68	0.00	4.31
CT*	2.50%	5.0%	0.0%	7.47%	0.38	2.45	0.00	2.83
DC	3.14%	8.8%	0.0%	11.96%	-0.96	3.07	0.00	2.11
DE	1.45%	3.9%	0.0%	5.40%	0.32	1.30	0.00	1.62
FL	1.03%	4.9%	0.0%	5.90%	0.35	2.66	0.00	3.01
GA	0.92%	4.0%	0.0%	4.91%	0.33	2.25	0.00	2.58
HI	1.96%	5.0%	0.0%	6.98%	0.68	-0.77	0.00	-0.09
IA	0.92%	1.5%	0.0%	2.40%	0.12	0.51	0.00	0.62
ID	0.84%	2.5%	0.0%	3.34%	-0.10	1.15	0.00	1.05
IL	1.24%	4.6%	0.0%	5.81%	0.33	2.52	0.00	2.85
IN	0.81%	2.4%	0.0%	3.21%	0.05	1.18	0.00	1.24
KS	0.89%	2.6%	0.0%	3.45%	0.15	1.18	0.00	1.33
KY	0.66%	1.6%	0.0%	2.23%	0.15	0.74	0.00	0.89
LA	0.50%	1.4%	0.0%	1.92%	0.22	0.96	0.00	1.18
MA*	2.73%	5.3%	0.0%	8.07%	0.27	2.55	0.00	2.83
MD*	1.85%	5.6%	0.0%	7.44%	0.12	2.68	0.00	2.80
ME*	2.06%	2.2%	0.0%	4.30%	-0.57	0.36	0.00	-0.21
MI	1.21%	2.1%	0.0%	3.33%	0.26	0.79	0.00	1.04
MN*	1.10%	3.7%	0.0%	4.81%	0.22	1.65	0.00	1.87
MO	0.81%	1.9%	0.0%	2.69%	0.19	0.80	0.00	0.99
MS	0.43%	0.9%	0.0%	1.32%	0.15	0.51	0.00	0.67
MT	0.80%	2.3%	0.0%	3.12%	0.26	1.58	0.00	1.85
NC	1.06%	3.7%	0.0%	4.73%	0.23	1.90	0.00	2.13
ND	0.17%	0.7%	0.0%	0.90%	-0.18	0.35	0.00	0.18
NE	0.96%	1.8%	0.0%	2.80%	0.06	0.89	0.00	0.95
NH	1.30%	2.1%	0.0%	3.37%	0.07	0.69	0.00	0.76
NJ*	1.62%	7.1%	0.0%	8.72%	0.36	4.90	0.00	5.26
NM	0.91%	2.5%	0.0%	3.46%	0.17	1.32	0.00	1.50
NV*	1.76%	7.8%	0.0%	9.61%	0.59	4.47	0.00	5.06
NY*	1.92%	3.8%	0.0%	5.73%	0.11	1.69	0.00	1.79
OH	0.79%	2.2%	0.0%	2.97%	0.13	0.92	0.00	1.05
OK	1.08%	1.6%	0.0%	2.73%	0.82	0.64	0.00	1.46
OR*	3.11%	6.5%	0.0%	9.61%	0.29	2.50	0.00	2.79
PA	1.18%	3.2%	0.0%	4.35%	0.29	1.72	0.00	2.01
RI*	2.01%	3.3%	0.0%	5.27%	0.28	1.39	0.00	1.67
SC	0.95%	2.0%	0.0%	2.91%	0.33	0.99	0.00	1.32
SD	0.63%	0.8%	0.0%	1.42%	0.03	0.29	0.00	0.32
TN	0.87%	2.9%	0.0%	3.74%	0.34	1.58	0.00	1.92
TX	0.69%	3.2%	0.0%	3.93%	0.17	1.69	0.00	1.87
UT	1.23%	5.5%	0.0%	6.75%	0.30	3.50	0.00	3.80
VA*	1.59%	5.8%	0.0%	7.37%	0.38	3.29	0.00	3.68
VT*	2.45%	3.4%	0.0%	5.86%	-0.21	0.39	0.00	0.19
WA*	1.84%	9.1%	0.0%	10.98%	0.25	4.11	0.00	4.36
WI	0.87%	2.4%	0.0%	3.24%	0.21	1.14	0.00	1.35
WV	0.42%	1.2%	0.0%	1.67%	0.06	0.86	0.00	0.91
WY	0.47%	1.1%	0.0%	1.60%	-0.14	0.53	0.00	0.39
U.S.	1.42%	5.2%	0.0%	6.65%	0.15	2.67	0.01	2.83

*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 April 1 - June 30, 2021, and April 1 - June 30, 2022.

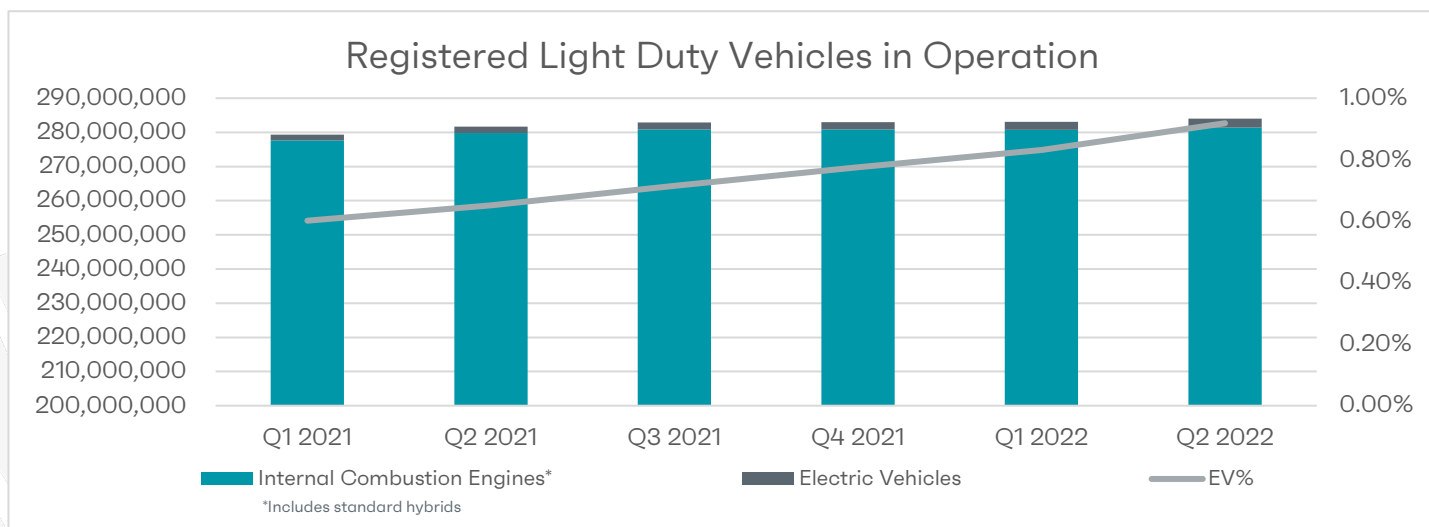
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State	Advanced Powertrain Market Share				Advanced Powertrain Market Share (Percentage Point Change)				
	PHEV	BEV	FCEV	ZEV	PHEV	BEV	FCEV	ZEV	
AK	0.55%	1.70%	0.00%	2.25%	0.16	0.70	0.00	0.86	
AL	0.43%	1.33%	0.00%	1.76%	0.10	0.72	0.00	0.83	
AR	0.50%	1.38%	0.00%	1.87%	0.19	0.81	0.00	1.00	
AZ	1.00%	4.85%	0.00%	5.85%	0.29	2.22	0.00	2.52	
CA*	2.70%	15.39%	0.23%	18.32%	-0.44	7.66	0.04	7.25	
CO*	2.11%	6.80%	0.00%	8.91%	0.79	3.08	0.00	3.86	
CT*	2.28%	4.54%	0.00%	6.83%	0.59	2.16	0.00	2.75	
DC	3.46%	9.24%	0.00%	12.70%	0.16	3.23	0.00	3.39	
DE	1.35%	3.39%	0.00%	4.73%	0.43	1.15	0.00	1.58	
FL	0.90%	4.33%	0.00%	5.23%	0.37	2.11	0.00	2.48	
GA	0.80%	3.79%	0.00%	4.59%	0.32	2.10	0.00	2.41	
HI	1.84%	5.49%	0.01%	7.34%	0.67	-0.15	0.00	0.53	
IA	0.87%	1.69%	0.00%	2.56%	0.27	0.87	0.00	1.14	
ID	0.85%	2.42%	0.00%	3.26%	0.15	1.23	0.00	1.38	
IL	1.19%	4.20%	0.00%	5.39%	0.46	2.36	0.00	2.82	
IN	0.82%	2.06%	0.00%	2.88%	0.24	0.91	0.00	1.15	
KS	0.81%	2.26%	0.00%	3.07%	0.25	1.01	0.00	1.26	
KY	0.70%	1.50%	0.00%	2.21%	0.32	0.75	0.00	1.07	
LA	0.43%	1.08%	0.00%	1.51%	0.21	0.64	0.00	0.85	
MA*	2.65%	4.78%	0.00%	7.43%	0.75	2.08	0.00	2.84	
MD*	1.77%	5.38%	0.00%	7.15%	0.38	2.68	0.00	3.06	
ME*	2.17%	2.12%	0.00%	4.29%	0.09	0.65	0.00	0.74	
MI	1.14%	1.79%	0.00%	2.92%	0.42	0.61	0.00	1.03	
MN*	1.06%	3.06%	0.00%	4.12%	0.36	1.26	0.00	1.62	
MO	0.85%	1.76%	0.00%	2.61%	0.39	0.71	0.00	1.10	
MS	0.36%	0.81%	0.00%	1.17%	0.15	0.50	0.00	0.64	
MT	0.81%	2.11%	0.00%	2.92%	0.42	1.43	0.00	1.84	
NC	0.94%	3.24%	0.00%	4.18%	0.29	1.51	0.00	1.80	
ND	0.27%	0.65%	0.00%	0.92%	0.04	0.35	0.00	0.38	
NE	0.91%	1.65%	0.00%	2.57%	0.28	0.71	0.00	0.99	
NH	1.22%	2.08%	0.00%	3.30%	0.26	0.85	0.00	1.12	
NJ*	1.64%	6.29%	0.00%	7.93%	0.61	3.59	0.00	4.21	
NM	0.87%	2.69%	0.00%	3.57%	0.27	1.50	0.00	1.77	
NV*	1.41%	7.23%	0.00%	8.64%	0.53	3.88	0.00	4.41	
NY*	1.83%	3.33%	0.00%	5.16%	0.37	1.41	0.00	1.79	
OH	0.76%	2.07%	0.00%	2.84%	0.27	0.98	0.00	1.25	
OK	1.36%	1.50%	0.00%	2.86%	1.22	1.01	0.00	2.22	
OR*	3.02%	6.49%	0.00%	9.51%	0.81	2.42	0.00	3.23	
PA	1.04%	2.82%	0.00%	3.85%	0.36	1.45	0.00	1.81	
RI*	1.91%	2.76%	0.00%	4.67%	0.62	0.99	0.00	1.60	
SC	0.82%	1.83%	0.00%	2.64%	0.33	0.85	0.00	1.18	
SD	0.53%	0.89%	0.00%	1.42%	0.12	0.42	0.00	0.54	
TN	0.78%	2.59%	0.00%	3.36%	0.37	1.42	0.00	1.78	
TX	0.62%	3.04%	0.00%	3.67%	0.22	1.58	0.00	1.80	
UT	1.23%	5.12%	0.00%	6.35%	0.47	2.96	0.00	3.44	
VA*	1.55%	5.17%	0.00%	6.71%	0.60	2.84	0.00	3.44	
VT*	2.64%	3.46%	0.00%	6.10%	0.46	0.81	0.00	1.28	
WA*	1.71%	8.65%	0.00%	10.36%	0.39	3.64	0.00	4.03	
WI	0.82%	2.11%	0.00%	2.93%	0.29	0.98	0.00	1.27	
WV	0.40%	0.90%	0.00%	1.29%	0.12	0.50	0.00	0.62	
WY	0.45%	1.12%	0.00%	1.57%	-0.02	0.57	0.00	0.55	
U.S.	1.34%	4.92%	0.03%	6.28%	0.31	2.46	0.01	2.78	

*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 - June 30, 2021, and January 1 - June 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 less than one percent of all vehicles in the country (just over 2.6 million EVs). At the end of the second quarter of 2022, registered EVs constituted 0.92 percent of the U.S. fleet, an increase of 0.14 pp since the end of 2021 and an increase of 0.32 pp since the end of the first quarter in 2021.⁷



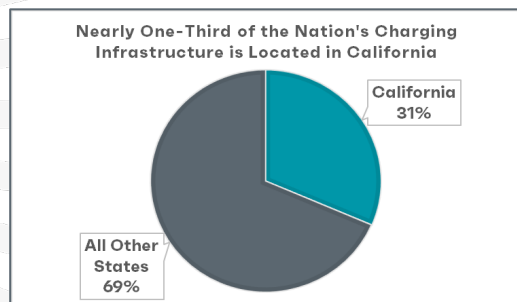
U.S. PUBLIC CHARGING INFRASTRUCTURE

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 June 2022:

- Level 2:** 40,959 Locations, 90,100 EVSE Ports*
- DC Fast:** 4,770 Locations, 9,957 EVSE Ports*
- Hydrogen Refueling:** 54 Stations (53 of 54 are in California)
- U.S. Total:** 44,698 Locations, 100,111 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 6/30/2022;

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 – June 30, 2022

Public, Non-Proprietary Charging Outlets And Registered EVs (as of 6/30/2022)										
	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	59	11	-	70	0.35%	0.08%	28.60	20,318	27.15	
AL	400	50	-	450	0.19%	0.36%	21.08	182,015	19.40	
AR	394	28	-	422	0.18%	0.19%	11.55	98,841	16.18	
AZ	1,617	132	-	1,749	1.00%	2.67%	39.79	245,645	97.04	
CA*	27,461	3,138	53	30,652	3.15%	37.93%	32.29	1,092,924	250.20	
CO*	2,886	366	-	3,252	1.15%	2.39%	19.16	189,743	109.41	
CT*	882	90	-	972	0.87%	0.99%	26.54	104,839	72.21	
DC	642	19	-	661	2.01%	0.27%	10.52	11,675	98.97	
DE	181	21	-	202	0.66%	0.23%	29.65	32,300	61.92	
FL	4,545	449	-	4,994	0.85%	6.00%	31.36	654,251	73.54	
GA	2,856	328	-	3,184	0.59%	2.13%	17.49	331,526	52.94	
HI	684	41	1	726	1.77%	0.80%	28.78	41,490	147.10	
IA	364	101	-	465	0.26%	0.32%	17.99	113,253	26.51	
ID	161	33	-	194	0.37%	0.28%	37.84	70,298	41.85	
IL	1,773	198	-	1,971	0.64%	2.49%	33.02	360,639	51.08	
IN	535	63	-	598	0.33%	0.79%	34.26	219,020	30.61	
KS	826	46	-	872	0.32%	0.35%	10.50	102,051	31.46	
KY	402	25	-	427	0.21%	0.33%	20.42	145,995	19.51	
LA	247	20	-	267	0.17%	0.25%	24.16	136,318	13.84	
MA*	4,338	171	-	4,509	1.11%	2.31%	13.38	190,132	87.40	
MD*	2,557	356	-	2,913	1.00%	1.96%	17.53	178,786	84.49	
ME*	556	49	-	605	0.64%	0.32%	13.99	46,923	63.22	
MI	1,687	224	-	1,911	0.56%	1.83%	25.02	302,547	47.83	
MN*	941	85	-	1,026	0.53%	1.04%	26.47	183,445	48.40	
MO	1,795	88	-	1,883	0.35%	0.75%	10.43	199,029	32.07	
MS	169	13	-	182	0.10%	0.11%	16.46	106,820	10.03	
MT	108	26	-	134	0.23%	0.13%	25.93	53,522	32.70	
NC	1,840	180	-	2,020	0.49%	1.81%	23.36	338,477	45.44	
ND	98	19	-	117	0.12%	0.04%	7.83	28,131	12.05	
NE	302	45	-	347	0.27%	0.22%	16.24	74,418	29.22	
NH	234	31	-	265	0.66%	0.34%	33.14	47,471	64.75	
NJ*	1,152	198	-	1,350	1.11%	3.05%	59.00	254,345	89.40	
NM	297	56	-	353	0.42%	0.31%	23.27	70,274	39.20	
NV*	821	151	-	972	1.18%	1.13%	30.41	88,256	97.40	
NY*	6,575	373	-	6,948	0.98%	4.34%	16.31	405,347	57.98	
OH	1,781	220	-	2,001	0.38%	1.59%	20.69	383,072	35.42	
OK	337	590	-	927	0.43%	0.76%	21.28	162,400	50.03	
OR*	1,563	252	-	1,815	1.40%	2.02%	29.02	132,449	125.69	
PA	2,082	194	-	2,276	0.50%	2.12%	24.31	393,892	43.21	
RI*	530	30	-	560	0.65%	0.21%	9.88	29,771	52.35	
SC	577	47	-	624	0.28%	0.56%	23.30	187,459	28.59	
SD	71	9	-	80	0.17%	0.06%	20.59	35,417	18.67	
TN	1,083	91	-	1,174	0.35%	0.90%	19.97	238,577	34.63	
TX	3,899	318	-	4,217	0.54%	5.02%	31.09	856,793	45.67	
UT	1,391	110	-	1,501	0.96%	1.06%	18.44	100,976	87.58	
VA*	1,937	344	-	2,281	0.72%	2.09%	23.86	267,529	63.89	
VT*	645	52	-	697	1.31%	0.28%	10.49	19,216	116.72	
WA*	2,981	401	-	3,382	1.45%	3.90%	30.09	247,795	135.04	
WI	612	60	-	672	0.36%	0.74%	28.91	190,421	33.41	
WV	157	5	-	162	0.16%	0.09%	14.77	54,430	13.25	
WY	69	10	-	79	0.17%	0.04%	13.97	23,304	19.11	
U.S.	90,100	9,957	54	100,111	0.92%	100.00%	26.06	10,044,562	79.75	

REGISTRATIONS

EV registrations as a share of all registered light-duty vehicles are 0.92 percent (as of June 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* (989,794, 38%)
2. FL (156,630, 6.0%)
3. TX (131,086, 5.0%)
4. NY* (113,298, 4.3%)
5. WA* (101,761, 3.9%)
6. NJ* (79,646, 3.1%)
7. AZ (69,592, 2.7%)
8. IL (65,086, 2.5%)
9. CO* (62,316, 2.4%)
10. MA* (60,322, 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. DC
8. NV
9. AZ
10. NJ*

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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 June 30, 2022; Charging information from U.S. Department of Energy Alternative Fuels Data Center, as of 6/30/2022.