

ESG AT THE CORE OF OUR BUSINESS

ACCELERATED VALIDATED INVESTED COMMITTED Carbon neutral \$25 million Source 100% SBTI approved scope 1, 2 and 3 in global products climate renewable energy and operations emissions targets to power U.S. equity fund facilities advanced by 2040; eliminating light duty emissions to 2025 by 2035

GM VISION: ZERO CRASHES, ZERO EMISSIONS, ZERO CONGESTION

CONSUMERS WANT A NO COMPROMISES EV TO GROW THE EV MARKET, ADDRESS FOUR PRIORITIES



COST COMPETITIVE WITH ICE ENGINE

\$ \$

COMPARABLE RANGE WITH ICE ENGINE



UBIQUITOUS, CONVENIENT, AND FAST CHARGING



BROAD BODY STYLE CHOICE





DECEMBER 2020

New CR survey finds the majority of consumers are interested in getting an electric vehicle

In a nationally-representative survey of American adults with a valid drivers license conducted from July-August of 2020, 71% said they had at least some interest in getting an electric vehicle (EV) at some point; a total of 31% said they would consider getting an EV for their next lease or purchase.

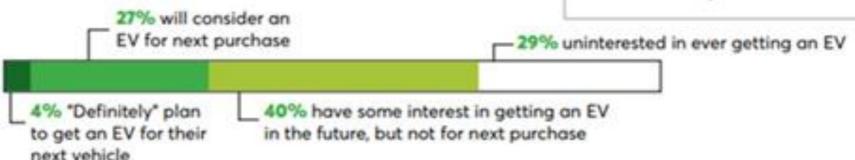
EV INTEREST BY GENERATION

78% of Millennial drivers are interested in getting an EV at some point.

70% of Gen X drivers are interested in getting an EV at some point.

66% of Baby Boomer drivers are interested in getting an EV at some point.

58% of Silent Generation drivers are interested in getting an EV at some point.

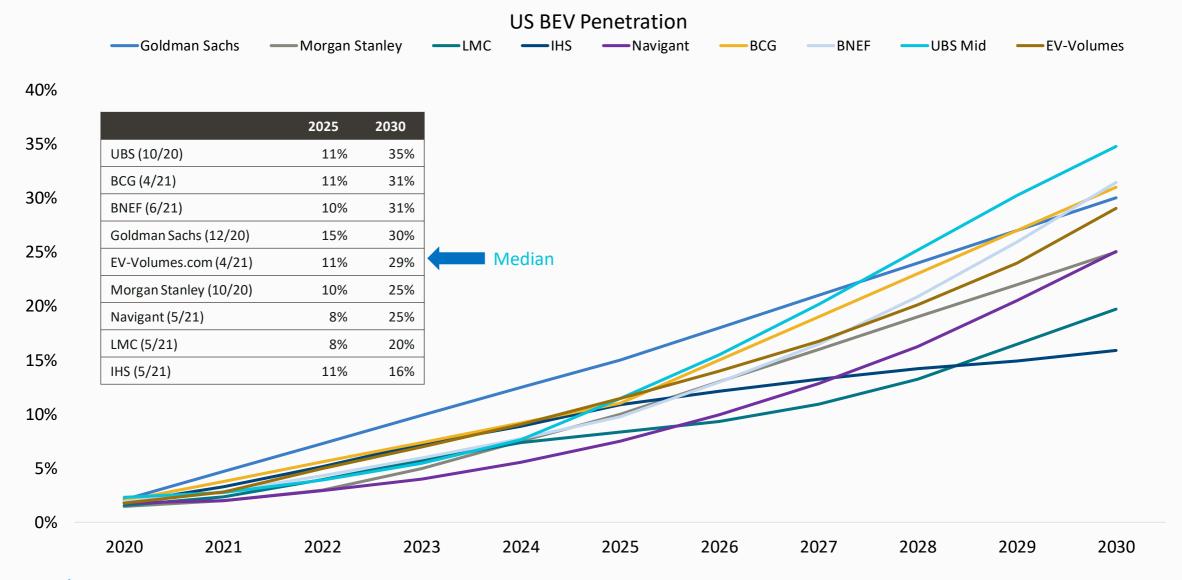


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FORECASTS OF U.S. EV ADOPTION RANGE WIDELY

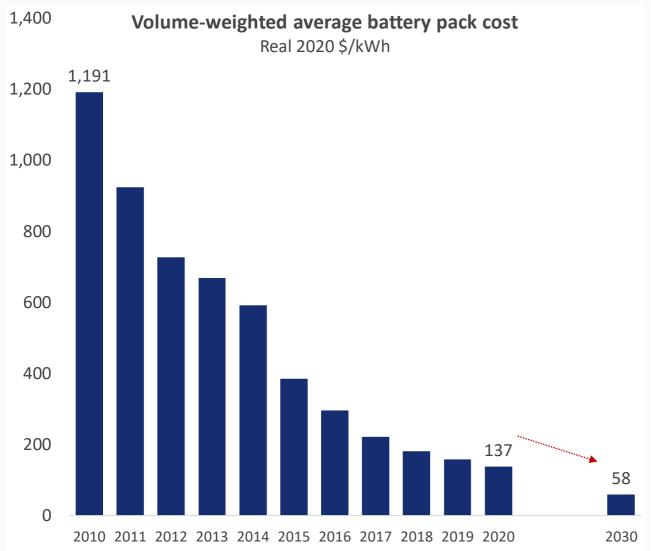


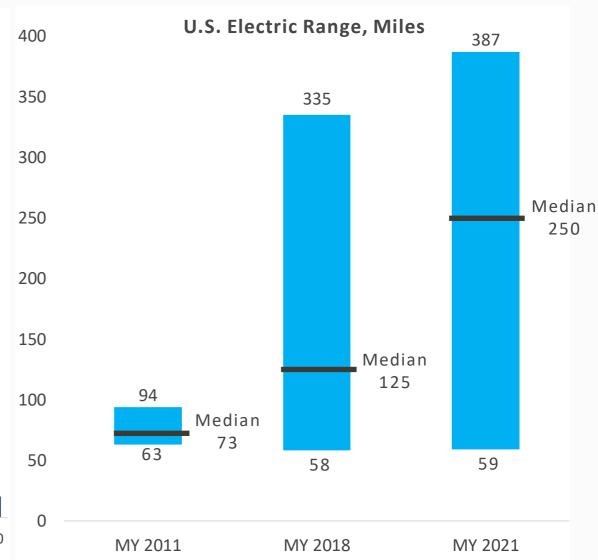
BUT CENTER AROUND ~30% IN 2030



BATTERY COSTS HAVE DECLINED ~20% PER YEAR WHILE EV RANGE IS INCREASING





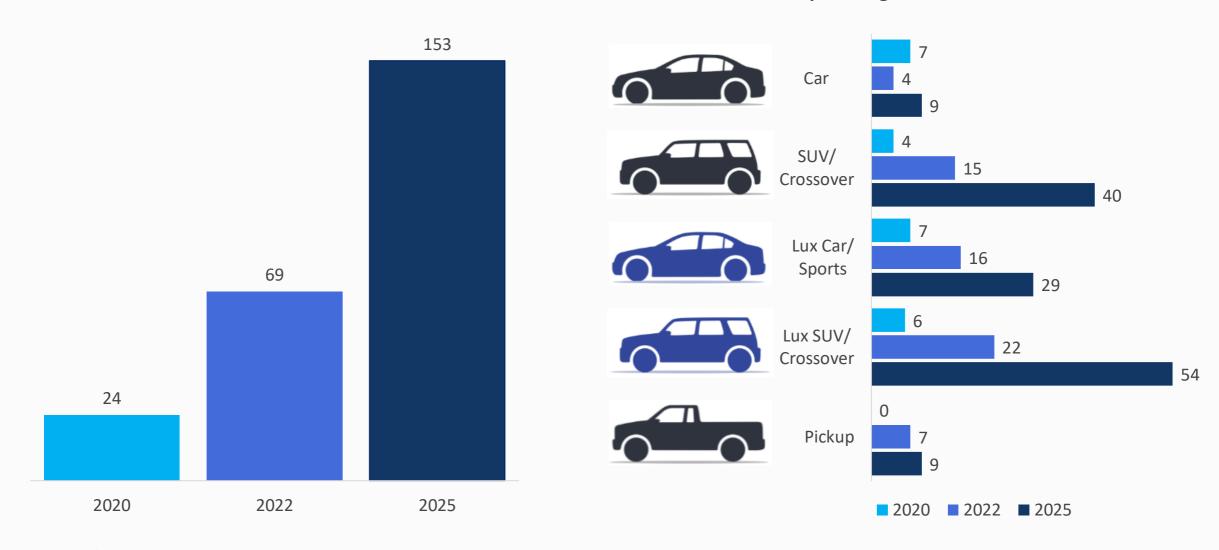






Total U.S. EV Entries

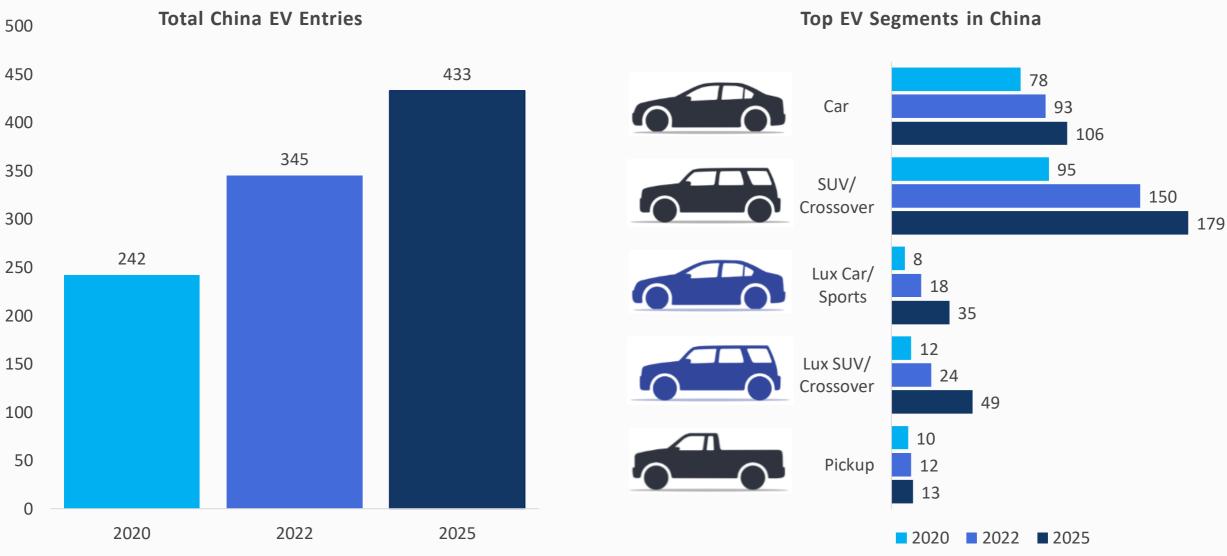
Top EV Segments in U.S.



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CHINA: NUMBER OF EV ENTRIES IS INCREASING





A BEV SAVES ~\$1K IN FUEL COSTS PER YEAR ASSUMES RESIDENTIAL PRICES WHICH VARY BY STATE



Battery Electric Vehicle		Internal Combustion Engine	
Miles per year ¹	12,416	Miles per year ¹	12,416
Electricity (\$/kWh) ²	\$0.14	Gasoline (\$/gallon) ³	\$3.27
Miles per kWh ⁴	3.1	Miles per gallon ⁵	23.6
Fuel cost per year	\$561	Fuel cost per year	\$1,720

¹ Annual miles per vehicle according to *Highway Statistics 2000*; fhwa.dot.gov

² US average residential cost of electricity per kWh, Jul 2021; eia.gov

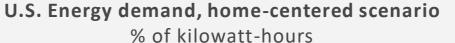
³ US average retail gasoline price (all grades, all formulations), Sep 2021; eia.gov

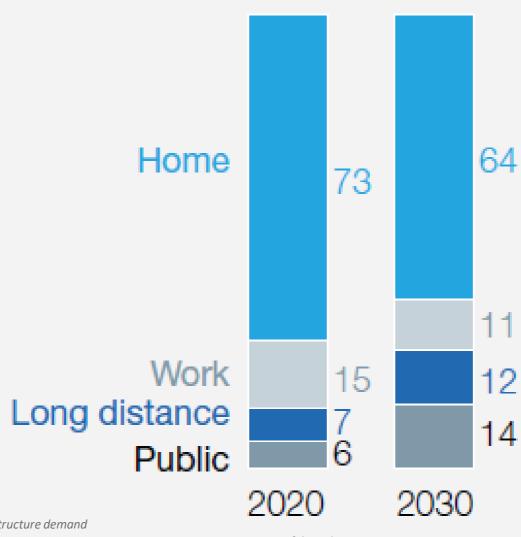
⁴ Median efficiency of 2021 MY electric vehicles is 104 mpge (or 3.1 mi/kWh); fueleconomy.gov

⁵ Median fuel economy of 2021 MY gasoline vehicles; fueleconomy.gov

EARLY ADOPTERS WILL DO MAJORITY OF CHARGING AT HOME OR WORK



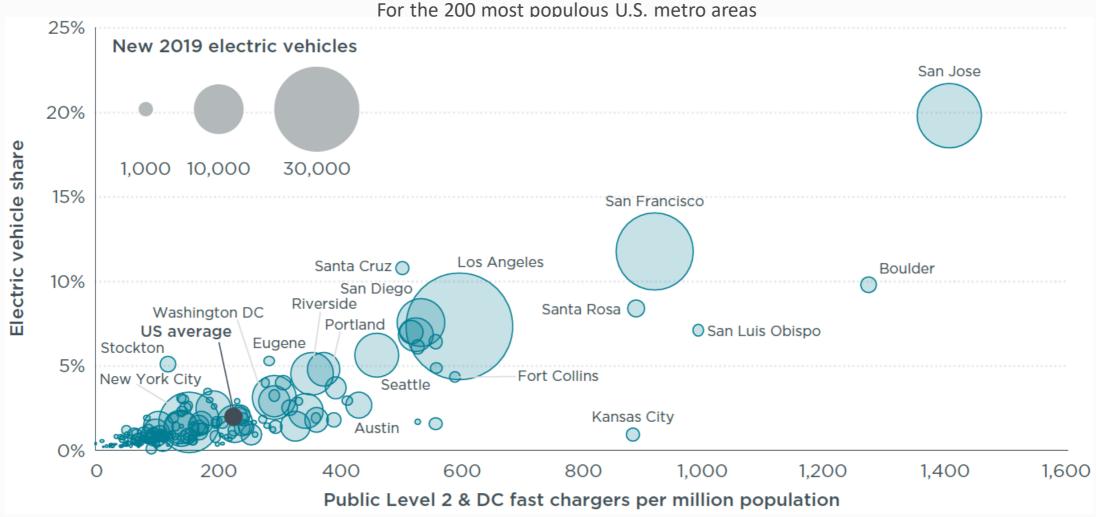




HOWEVER, AREAS WITH HIGHER EV ADOPTION TEND TO HAVE MORE PUBLIC CHARGING INFRASTRUCTURE

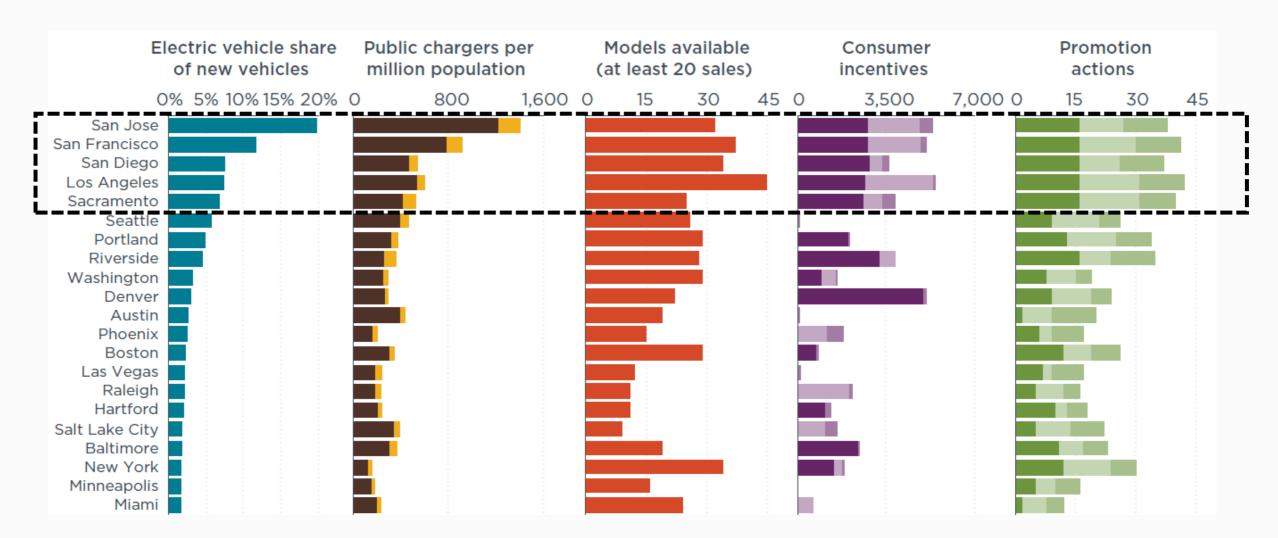


CY 2019 EV share of new vehicles and public chargers per million pop.



CALIFORNIA CITIES HAVE MORE PUBLIC CHARGERS, HIGH MODEL AVAILABILITY, AND MANY OTHER INCENTIVES



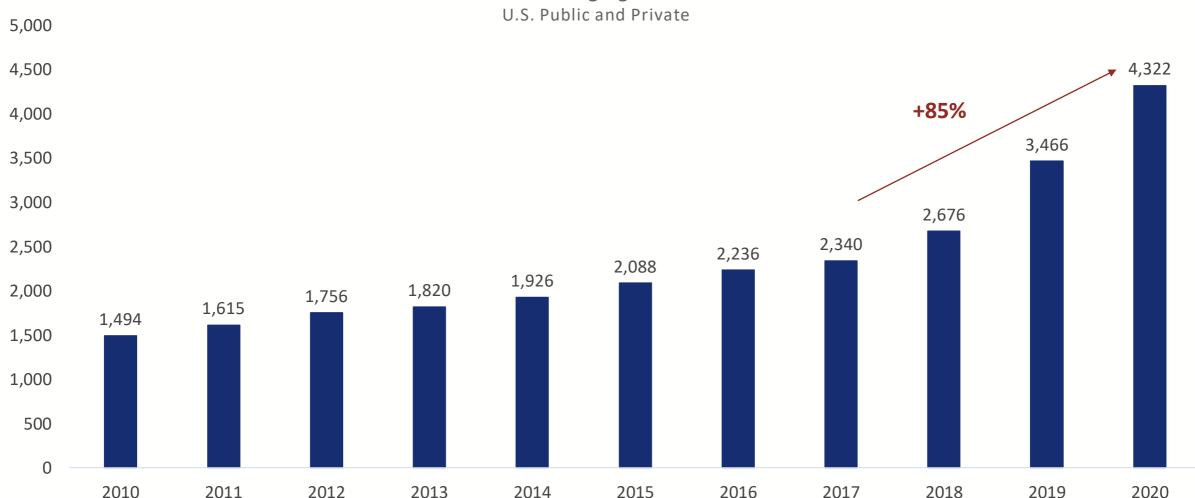


Source: ICCT, August 2020 general motors

U.S.: GROWTH IN FAST CHARGING IS ACCELERATING







^{*}All DC Fast Charge Stations, including Tesla.

Tesla has a fifth of all DC Fast stations (locations) and half of all DC Fast charging outlets.

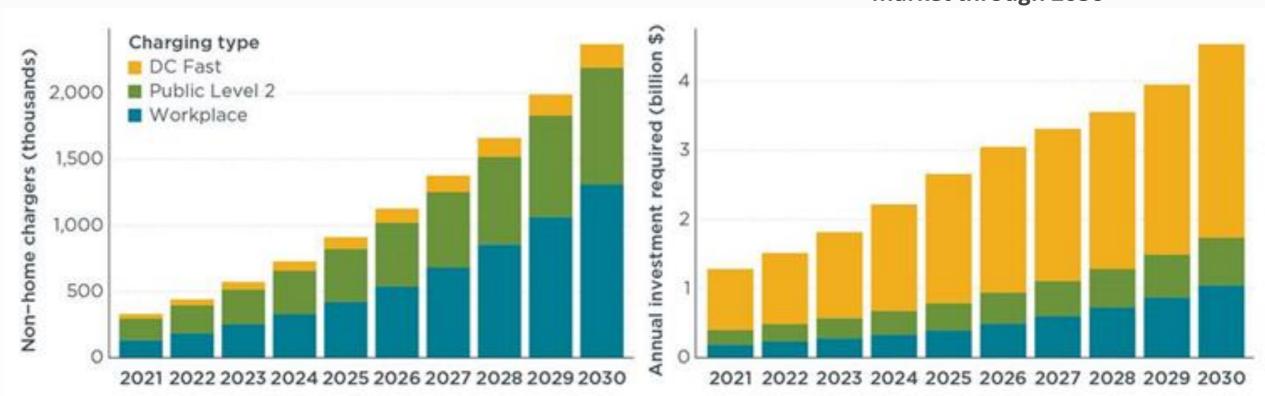
Source: Alternative Fuels Data Center **general motors**

ICCT PROJECTS NEED FOR 180,000 DC FAST CHARGERS 2.4M TOTAL CHARGERS BY 2030 TO SUPPORT EV MARKET



Charging Infrastructure Needed

Associated investment needed to support U.S. EV market through 2030



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EVS IN THE BIDEN ADMINISTRATION



Point of sale rebates and tax credits to buy U.S.-made EVs

House draft of budget reconciliation bill provides for consumer EV tax credits up to \$12,500 for 10 years; tax credit for commercial EV purchases; and used EV tax credit

2. Public investment in charging stations (500K additional chargers by 2030)

Funding included in Bipartisan Infrastructure Package and Budget Reconciliation bill

- 3. Issued draft regulations tightening GHG and fuel economy standards
- 4. EVs included in \$35 billion for climate focused R&D
- 5. Executive orders call for electrifying federal fleet, using tools to shift state/local/tribal fleets to zero emission. Budget reconciliation bill provides \$3B in funding for federal fleet.

POLICY MATTERS



ICE PHASE-OUT DATES			
Phase-Out Year	Market		
2025	Norway		
2030	Iceland Sweden Ireland Israel Netherlands Singapore		
2035	Denmark United Kingdom <i>California</i>		
2040	Canada China France Portugal Spain Taiwan		

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