



Michigan is one of five states in the Electrification Coalition's (EC) Electric Vehicle (EV) Policy Accelerator. We selected Michigan, along with Nevada, North Carolina, Pennsylvania, and Virginia by analyzing six factors: political landscape, history of EV policy support, policy gaps, policy risks, EV market share, and existing commitments to renewable energy or emissions targets. We work closely with state leaders, industry partners, and a diverse coalition of stakeholders¹ to develop and advance policies that will drive widespread EV adoption in all market sectors.

1 Policy Priorities

In 2020, the EC identified the following policy priorities in Michigan

- Expand Medium- & Heavy-Duty (MHD) EV adoption
- Institutionalize state fleet electrification
- Optimize federal- and state-specific infrastructure funding
- Engage and educate stakeholders and decision makers on clean fuels policy
- Advance direct sales legislation

2 Outreach & Education

- In November 2021, the EC and SAFE launched the Veterans for EVs Initiative with a virtual panel event that brought together more than 90 veterans, active service members, and EV advocates.
- The EC sits on Governor Whitmer's Council on Future Mobility and Electrification working group to ensure ambitious and achievable policy priorities; we were reappointed to the EV working group for 2022.
- In October 2021, the EC premiered a short video of an electric school bus deployment in Zeeland, MI. The "virtual ride and drive" features testimonials from bus operators, the transportation director, and the district superintendent. As of June 2022, the video has received more than 16,000 views.
- In August 2021, Rhombus Energy Solutions, Clean Fuels Michigan, and the EC hosted U.S. Congresswoman Debbie Dingell and several Michigan state and local elected officials at the Rhombus Energy Solutions facility in Dearborn. The event included a press conference on U.S. job creation and called for transportation electrification funding in the federal infrastructure package.
- In June 2021, the EC co-hosted a workshop on clean fuels policy for the Michigan Clean Energy & Clean Jobs coalition, the Ecology Center, and the EV working group of the Governor's Council on Future Mobility and Electrification.
- In 2022, the EC will convene a stakeholder steering committee to discuss and advocate for a clean fuels policy in Michigan.
- In spring 2021, the EC delivered a letter to Governor Whitmer, urging the state to sign on to the Multi-State Zero Emission MHD Vehicle MOU, which commits the state to adopt supportive policies for the MHD sector. The letter was signed by 59 businesses and organizations located or working in Michigan.

- The EC brought together more than 150 EV policymakers, industry experts, and advocates for an informative and collaborative virtual bootcamp in October 2020.

- Keynote speakers included the lieutenant governor, a Michigan state senator, and member of the Energy Security Leadership Council.

3 Policy Wins

- Governor Whitmer signed the [Regional Electric Vehicle \(REV\) Midwest Plan](#) MOU in September 2021.
- In September 2021, Governor Whitmer announced the [Lake Michigan EV Circuit](#). The circuit will expand charging infrastructure availability along Lake Michigan to bolster travel and tourism.
- The governor's administration, including the Department of Labor and Economic Opportunity, announced the [Michigan EV Academy](#) in September 2021. The academy will create an industry-informed workforce development pipeline and invest in the job training needed to keep Michigan at the center of the automotive and mobility industries.
- The [Michigan Healthy Climate Plan](#) was created by Executive Order 2020-182 and Executive Directive 2020-10 and will be released in 2022. The plan elevates electrification and mobility as one of six priority areas for state policy, investment, and intervention to reach carbon neutrality in Michigan by 2050.

4 Future Opportunities

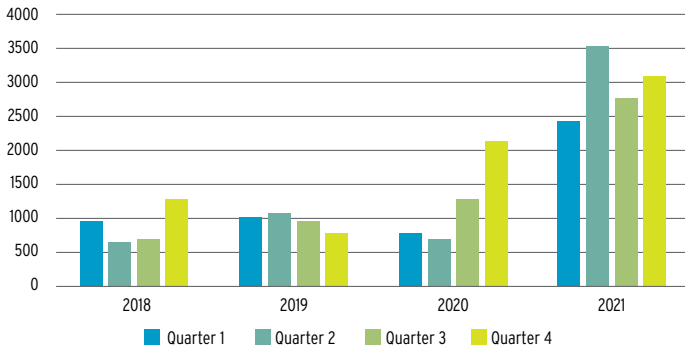
- Support consumer purchase and EVSE incentives in state budget negotiations and future legislation
- Mobilize support for Council on Future Mobility & Electrification policy recommendations
- Conduct education and outreach on EV policy opportunities to legislators in rural and low-income communities
- Prepare agencies to leverage incoming federal funding for charging infrastructure and MHD electrification
- Defend consumer freedom to purchase, expand EV availability, and advance direct sales legislation
- Advocate for \$600 million American Rescue Plan fund allocation toward transportation electrification and clean mobility
- Develop political support and a path forward for Michigan clean fuels policy
- Advance school bus electrification and expand school bus funding access

¹ In Michigan, the EC partners closely with the Department of Labor and Economic Opportunity; the Governor's Council on Future Mobility and Electrification; Clean Fuels Michigan; the Ecology Center; Michigan Clean Cities; MI Air MI Health; Michigan Energy; Michigan Jobs Coalition; the Energy Innovation Business Council; MICHauto; Great Plains Institute; and Moms Clean Air Force.

Market Analysis

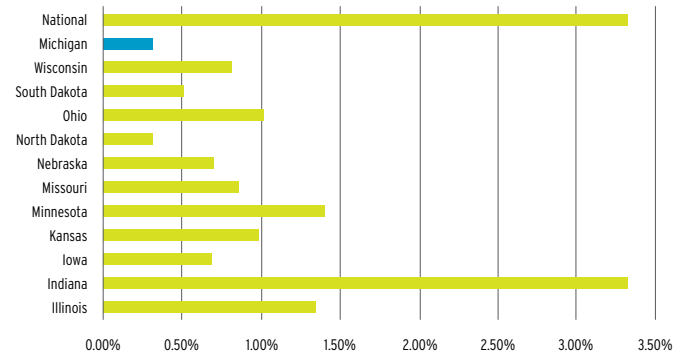
EV market penetration was one of several factors the EC considered before selecting our five EV Policy Accelerator states. We conduct market analysis on a quarterly basis, which helps us make the case for continued policy action and assess the impact of policy victories. *Data source: Atlas Public Policy*

Michigan BEV & PHEV Sales, 2018-2021



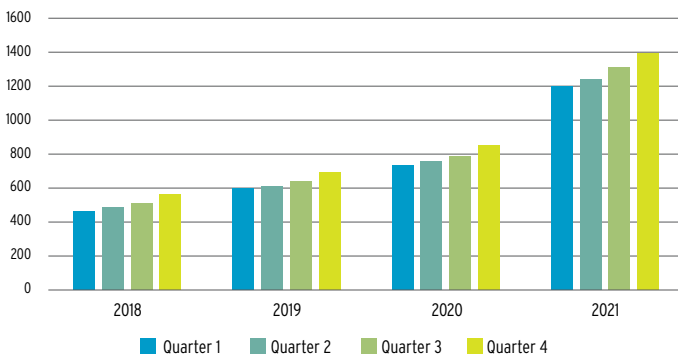
Michigan EV sales have been steadily increasing, except for a temporary drop during the early part of the COVID-19 pandemic in 2020.

EV Market Share, Midwestern States Since 2019



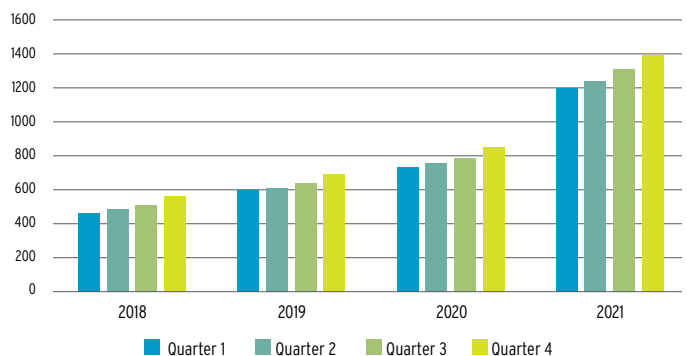
Michigan's EV market share is lower than the national average. Relative to its neighboring states, Michigan falls below average, which is in line with North Dakota and South Dakota.

Michigan Level 2 Charging Ports, 2018-2021



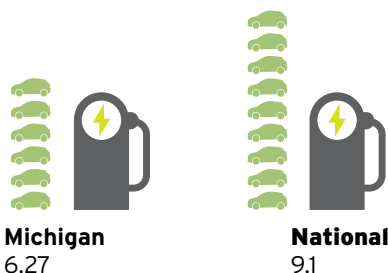
The number of Level 2 charging ports has been increasing consistently during the past several years, with marked growth in 2021.

Michigan DC Fast Charging Ports, 2018-2021



Michigan EV sales have been steadily increasing, except for a temporary drop during the early part of the COVID-19 pandemic in 2020.

EVs Per Charging Port, Q3 2021



The number of BEVs per public charging port (including Level 1, Level 2, and DC fast chargers) in Michigan is less than the national average. As EV adoption rates continue to rise, it will be important for the state to continue fostering charging infrastructure development.

Data source: Doll, Scooter. "The best (and worst) US states for EV charging." *Electrek*, last modified January 23, 2022. <https://electrek.co/2022/01/23/the-best-and-worst-us-states-for-ev-charging/>.