

# ELECTRIC VEHICLE PROS & CONS

Nearly silent, reduced noise pollution in urban regions

Emit 34-98% fewer GHG emissions than gas-powered vehicles

Cost-effective + plenty of rebates and credits

Deliver maximum torque immediately, allows for better acceleration than a gas vehicle

Able to use more horsepower due to fewer moving parts

Greater upfront costs

Recharging time 30-60 mins

Charging stations are not readily available in rural/remote communities. May lead to *Range Anxiety*

**Canadian Public Health Association.** "Zero Emission Vehicles Factsheet." *Canadian Public Health Association*, n.d., [www.cpha.ca/zero-emission-vehicles-factsheet](http://www.cpha.ca/zero-emission-vehicles-factsheet).

**Hickey, Shannon.** "Electric Vehicle Charging Stations Are Expanding Across Canada, but Challenges Remain." *CBC News*, 7 Apr. 2022, [www.cbc.ca/news/science/electric-vehicle-charging-stations-1.6293915](http://www.cbc.ca/news/science/electric-vehicle-charging-stations-1.6293915).

**Hossain, Muhammad.** "How Electric Car Charging Goes Super Fast." *HowStuffWorks*, 24 June 2020, [auto.howstuffworks.com/fuel-efficiency/vehicles/electric-car-charging-goes-super-fast.htm](http://auto.howstuffworks.com/fuel-efficiency/vehicles/electric-car-charging-goes-super-fast.htm).

**Government of Canada.** "Zero Emission Vehicles." *Transport Canada*, n.d., [tc.canada.ca/en/road-transportation/innovative-technologies/zero-emission-vehicles](http://tc.canada.ca/en/road-transportation/innovative-technologies/zero-emission-vehicles)