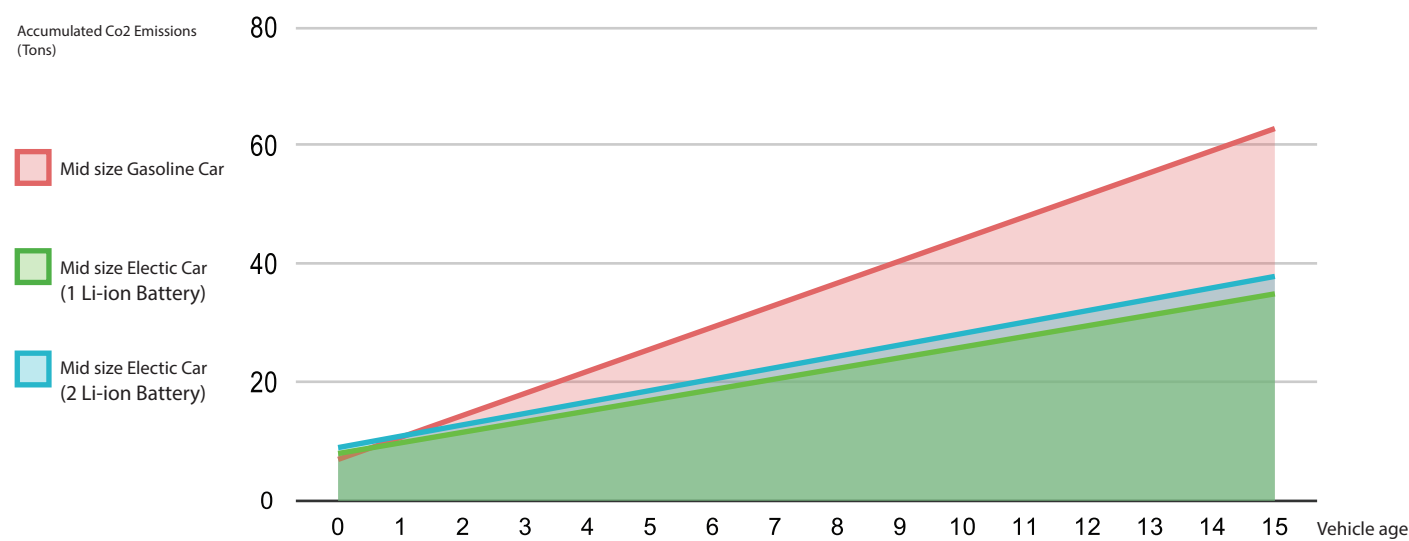


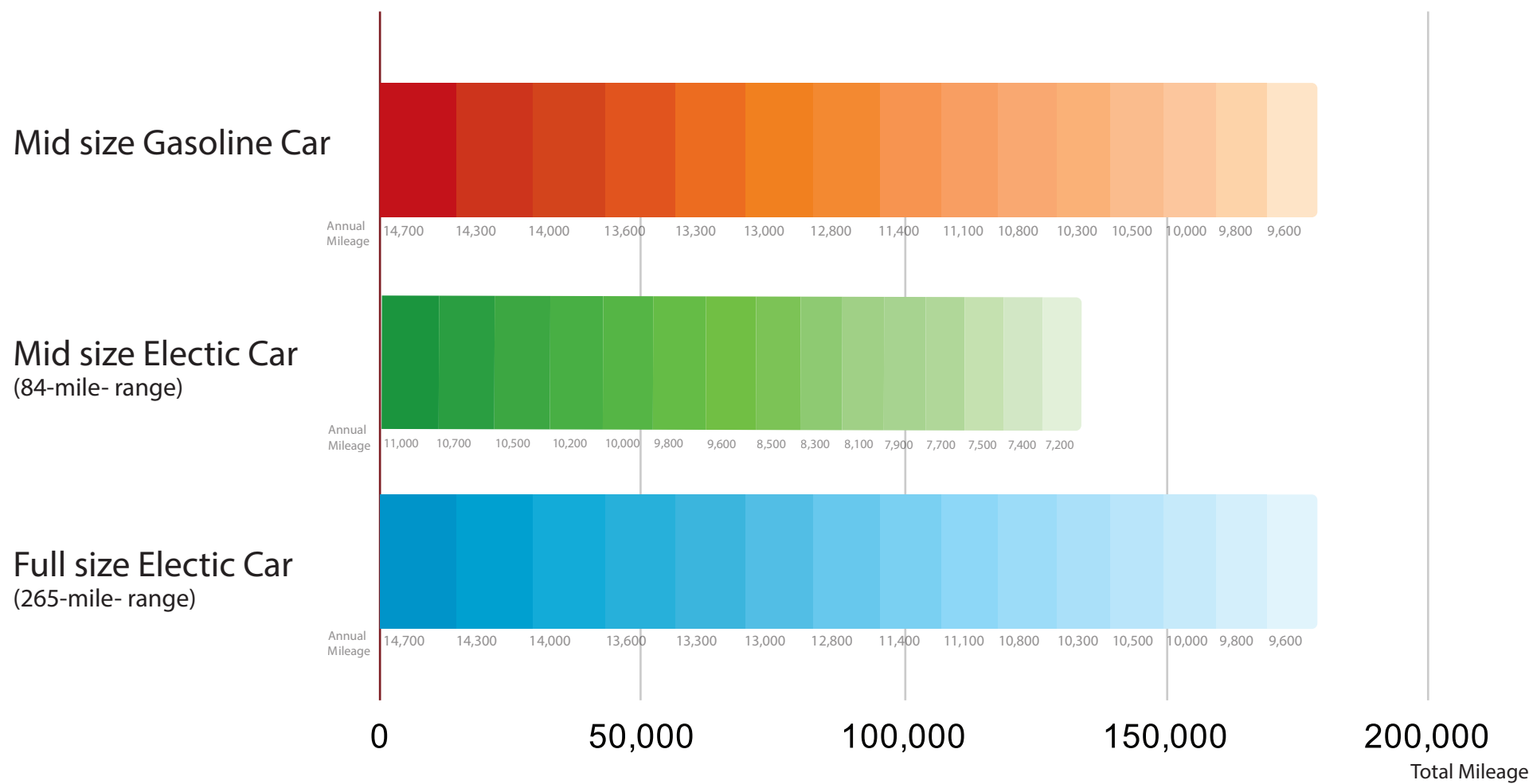
# How much more ecological is an Electric car in comparison to a Gasoline car?



There is no doubt that Electric cars emit less CO<sub>2</sub> than Gasoline cars.

In a life cycle of a Gasoline car, it produces approximately 63 tons of CO<sub>2</sub>. Meanwhile, same size Electric car produces 35 tons of CO<sub>2</sub>.

Even if an Electric car produces one ton of CO<sub>2</sub> more for the production of the battery, a Gasoline car catches up the amounts of CO<sub>2</sub> emission within two years.



However, due to the range limit of the Electric car's battery, Mid size of Electric car can reach up to 135,000 miles which is 75% range of what Mid size Gasoline car can go for 15 years.

In order to go same range as the Gasoline car, Mid size Electric car need 1.5 to 2 battery replacement. 2 Lithium-ion battery's manufacturing and operating would add approximately one ton and three tons of CO<sub>2</sub> emissions.

Despite higher CO<sub>2</sub> emission for extra Lithium-ion battery, Total CO<sub>2</sub> is much lower than the Gasoline cars.

