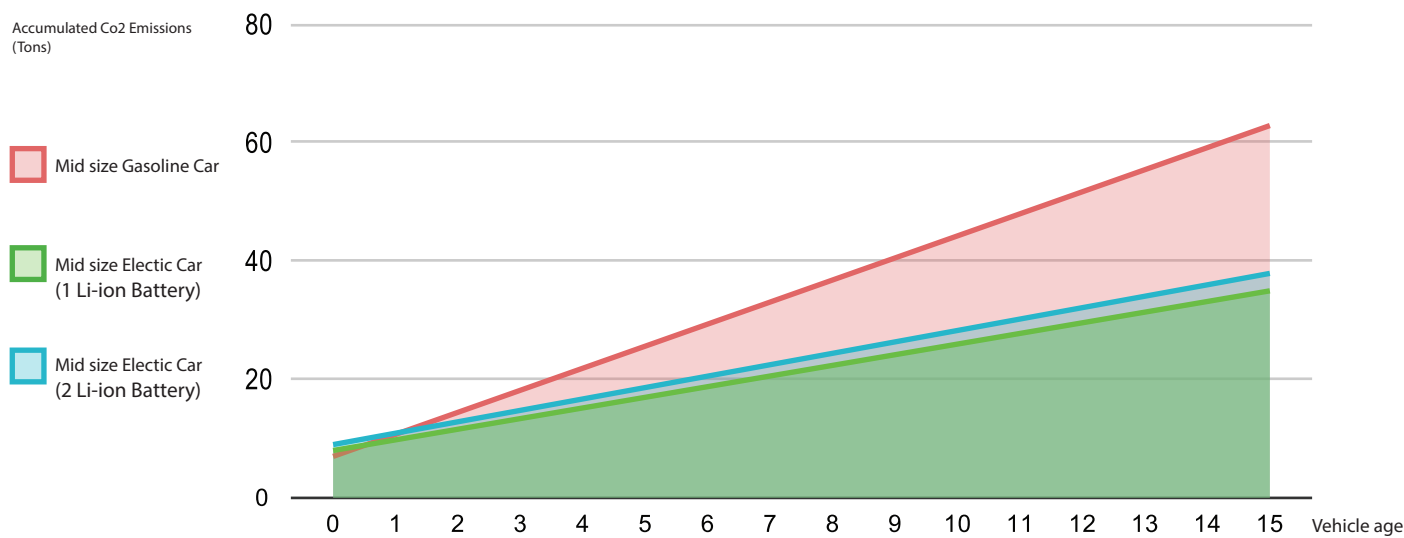
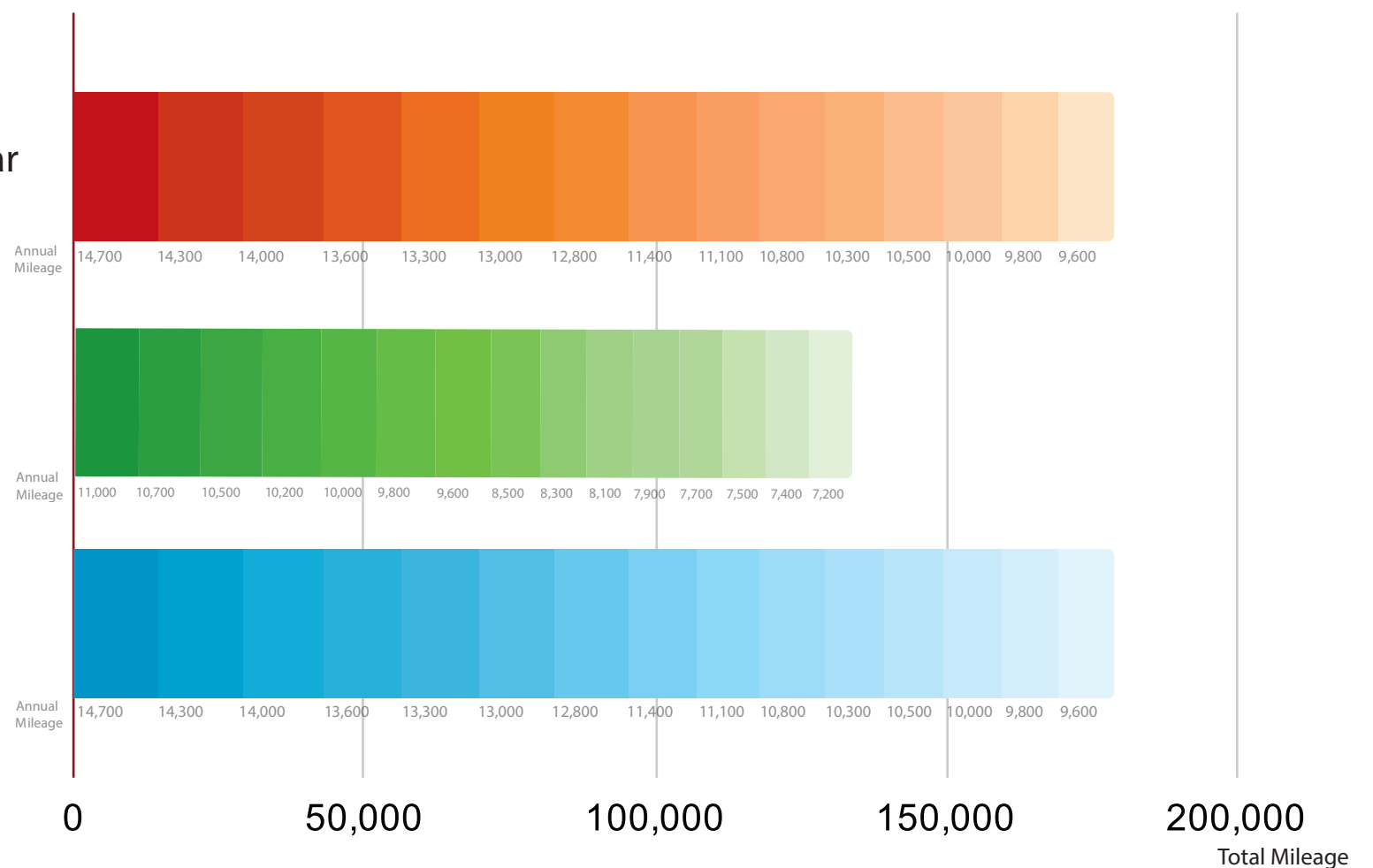


How much more ecological is an Electric car in comparison to a Gasoline car?



There is no doubt that Electric cars emit less CO₂ than Gasoline cars. In a life cycle of a Gasoline car, it produces approximately 63 tons of CO₂. Meanwhile, same size Electric car produces 35 tons of CO₂. Even if an Electric car produces one ton of CO₂ more for the production of the battery, a Gasoline car catches up the amounts of CO₂ emission within two years.

Mid size Gasoline Car



Mid size Electric Car (84-mile- range)

Full size Electric Car (265-mile- range)

Due to the range limit of the Electric car's battery, Mid size Electric car can reach up to 135,000 miles, which is 75% of what Mid size Gasoline car can go for 15 years. In order to reach same range as the Gasoline car, Mid size Electric car needs 1.5 to 2 battery replacements. 2 Lithium-ion batteries' manufacturing and operating would add approximately one ton and three tons of CO₂ emission. Despite extra CO₂ emission for additional Lithium-ion battery, total CO₂ emission is much lower than the Gasoline car.

