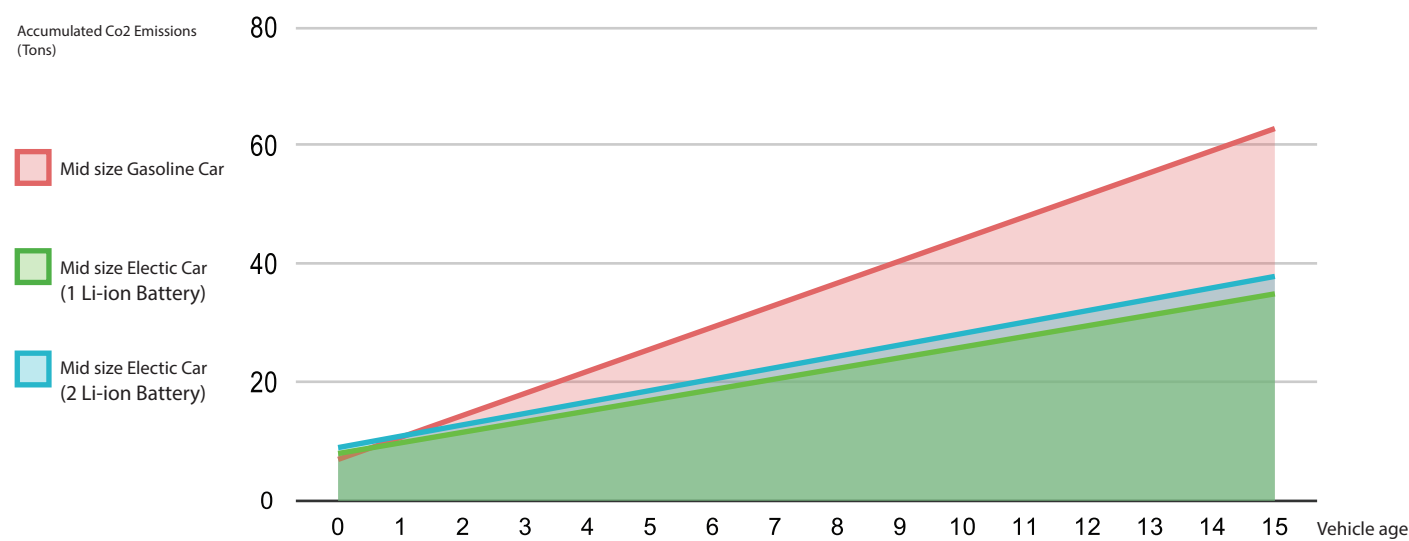
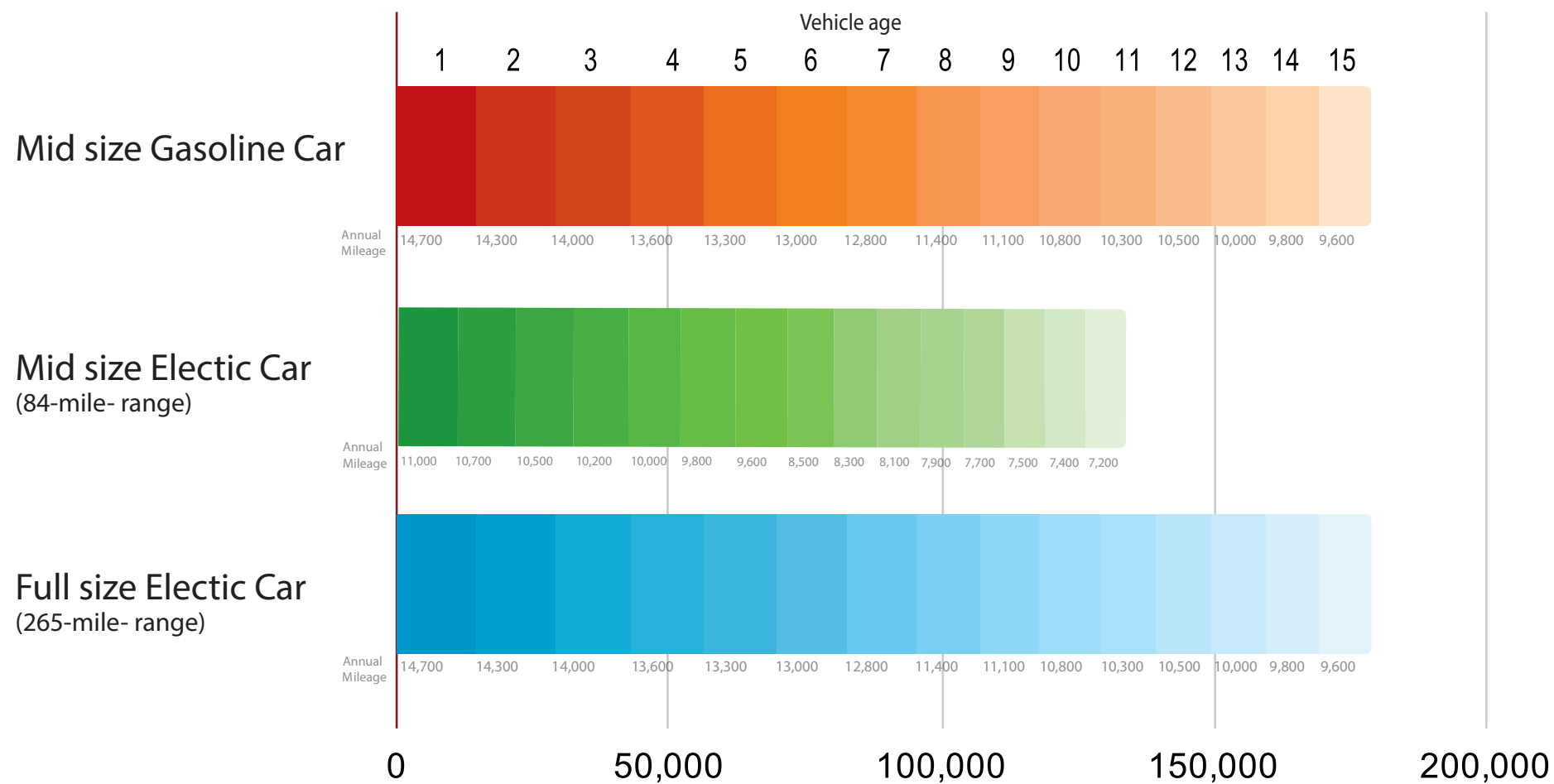


How much an Electric car is cleaner than a Gasoline car?



There is no doubt that Electric cars produce less CO₂ emissions than Gasoline cars. In a life cycle of a Gasoline car, it produces approximately 63 tons of CO₂ emissions. Meanwhile, same size of Electric car produces 35 tons of CO₂. Even if an Electric car produces one ton of CO₂ more for producing the battery, a Gasoline car catches up the amounts of CO₂ producing with in 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 CO₂ emissions. Despite higher CO₂ emission for extra Lithium-ion battery, Total CO₂ is much lower than the Gasoline cars.

