

24% increase

Total Auto Emissions Increase in Metro Boston Since 1990 ¹

Annual Mileage	Fleet Size	Dodge MPG
20,000	25	18

	2021 Dodge Charger Pursuit	2020 Tesla Model 3 (upstream)	Delta
Miles Driven	20,000	20,000	0
Gallons of Gasoline	1,111	0	-1,111
CO ₂ Emissions (grams)	9,874,444	1,400,000	-8,474,444
CO ₂ Emissions (tons)	10.9	1.5	-9.3
Entire Fleet	272.1	38.6	-233.5

Emissions

Dodge Charger Pursuit 4 5

Tesla Model 3 6

These numbers are estimates based on public data. They should not be considered for exact expectations.

Data Sources

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¹ Popovich, Nadja, and Denise Lu. “The Most Detailed Map of Auto Emissions in America.” *The New York Times*, The New York Times, 10 Oct. 2019, www.nytimes.com/interactive/2019/10/10/climate/driving-emissions-map.html.

² *Tesla Police Car Ride Along! | In Depth*, Now You Know, 4 Sept. 2020, youtu.be/RmInv3riJSY.

³ “2020 TESLA MODEL 3 4 DR RWD.” *NHTSA*, www.nhtsa.gov/vehicle/2020/TESLA/MODEL%25203/4%2520DR/RWD.

⁴ “2021 Dodge Charger Pursuit.” *2021 Dodge Charger Pursuit - FCA Fleet*, www.fcausfleet.com/dodge/charger-pursuit.html.

⁵ “Greenhouse Gas Emissions from a Typical Passenger Vehicle.” *EPA*, Environmental Protection Agency, 10 May 2018, www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle.

⁶ “Greenhouse Gas Emissions from Electric and Plug-In Hybrid Vehicles – Results.” *fueleconomy.gov - the Official Government Source for Fuel Economy Information*, www.fueleconomy.gov/feg/Find.do?year=2021&vehicleId=43401&zipCode=02420&action=bt3.

⁷ *Westport Police Department Buys First Tesla Model 3 Squad Car in Connecticut*, Town of Westport, CT, 10 Dec. 2019, www.westportct.gov/home/showdocument?id=21919.

⁸ Todd Bertram, Chief of Westport, CT Police

⁹ Fred Lambert. “Tesla Model 3 Crushes Dodge Charger in 1-Year Review of Cost of Operation as Police Car.” *Electrek*, 5 Oct. 2020, electrek.co/2020/10/05/tesla-model-3-crushes-dodge-charger-cost-of-operation-police-car/amp/.