

# Data Sources

## Return to Last Slide Viewed

<sup>1</sup> 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](http://www.nytimes.com/interactive/2019/10/10/climate/driving-emissions-map.html).

<sup>2</sup> *Tesla Police Car Ride Along! | In Depth*, Now You Know, 4 Sept. 2020, [youtu.be/Rmlnv3riJSY](https://youtu.be/Rmlnv3riJSY).

<sup>3</sup> “2020 TESLA MODEL 3 4 DR RWD.” *NHTSA*, [www.nhtsa.gov/vehicle/2020/TESLA/MODEL%25203/4%2520DR/RWD](http://www.nhtsa.gov/vehicle/2020/TESLA/MODEL%25203/4%2520DR/RWD).

<sup>4</sup> “2021 Dodge Charger Pursuit.” *2021 Dodge Charger Pursuit - FCA Fleet*, [www.fcausfleet.com/dodge/charger-pursuit.html](http://www.fcausfleet.com/dodge/charger-pursuit.html).

<sup>5</sup> “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](http://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle).

<sup>6</sup> “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](http://www.fueleconomy.gov/feg/Find.do?year=2021&vehicleId=43401&zipCode=02420&action=bt3).

<sup>7</sup> *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](http://www.westportct.gov/home/showdocument?id=21919).

<sup>8</sup> Todd Bertram, Chief of Westport, CT Police

<sup>9</sup> 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/](http://electrek.co/2020/10/05/tesla-model-3-crushes-dodge-charger-cost-of-operation-police-car/amp/).

# Tech for Sustainability in Police

For the Town of Lexington and Lexington Police Department

**5 star**

**Safety Ratings 3**

**“Police cars can spend lots of time idling...  
In any fully electric car, the tailpipe  
emissions... will be eliminated.”**

**Chief Foti Koskinas of the Westport, CT Police Department <sup>7</sup>**



# Benefits Are Not Just in Reducing Emissions 2

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**“[H]e, ‘believes in being green’ but was primarily impressed by the superior performance, 5 star crash ratings, and industry-leading collision avoidance technology available”**

**Chief Foti Koskinas of the Westport, CT Police Department 7**

Involved

+

Report

+

Credited

+

Anything More

**“an extra trunk in the front of the vehicle... will be able to store emergency equipment that’s important to be kept separate from cargo in the rear trunk”**

**Chief Foti Koskinas of the Westport, CT Police Department 7**



24% increase

**Total Auto Emissions Increase in Metro Boston Since 1990 <sup>1</sup>**

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 <sub>2</sub> Emissions (grams)	9,874,444	1,400,000	-8,474,444
CO <sub>2</sub> 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.