

2022 Hamilton Fleet Inventory Report

As of 2022, the municipal fleet of Hamilton Township, NJ is comprised of 24 vehicles. 80% of the vehicles currently in use are light-duty trucks, mostly pickup truck models. The remaining 20% of the fleet is comprised of sport utility vehicles (SUVs). There are currently no electric vehicles in use. In the last inventory year, the fleet produced approximately 74.59 metric tons of carbon dioxide (CO₂) emissions, largely due to the fact that all vehicles utilize internal combustion engines (ICE). 153,334 total miles were driven in the last year, totaling \$33,543 in fuel costs for all vehicles.

Vehicle maintenance is performed by a third-party company, First Vehicle. All maintenance employees are Automotive Service Excellence (ASE) certified. Municipal employees required to drive fleet vehicles are all outfitted with a Commercial Driver's License (CDL), as required by law. Hamilton also provides various training courses for drivers to ensure guidelines are adhered to and best practices are followed.

Overall efficiency has room for improvement, as do most ICE vehicles. Vehicles that are used for inspections, personal use, or other similar duties may be able to benefit from downsizing, therefore reducing both annual costs and emissions. Drivers can also adopt additional efficiency practices, including mindful acceleration, adherence to fuel-efficient driving routes, and reduction or elimination of vehicle idling. Moving forward into the upcoming inventory year, Hamilton Township could benefit from hitting specific efficiency targets, including the adoption of at least one fully electric vehicle by the end of the next inventory cycle, downsizing of at least one current ICE vehicle by the end of the next inventory cycle, and investigation into the current driving routes of higher-cost, higher-emission vehicles in order to fully optimize use, with the goal of reducing emissions to approximately 65 metric tons or less.