

New York State Department of Environmental Conservation

Advanced Clean Trucks (ACT) One-Time Fleet Reporting Vehicle Data

Overview

General Description

The mission of New York State Department of Environmental Conservation (NYSDEC) is "... to conserve, improve and protect New York's natural resources and environment and to prevent, abate, and control water, land, and air pollution, in order to enhance the health, safety, and welfare of the people of the state and their overall economic and social well-being." NYSDEC's goal is to achieve this mission through the simultaneous pursuit of environmental quality, public health, economic prosperity, and social well-being, including environmental justice and the empowerment of individuals to participate in environmental decisions that affect their lives.

This data set contains information on location and usage of medium- and heavy-duty vehicles (M/HDVs) operated by private entities (based on fleet size and/or annual revenues) and by government agencies including federal, state, county, city, town and village governments, special districts with independent commissions, and public authorities throughout New York State, as required under 6 NYCRR 218-4.2. M/HDVs are defined as vehicles with a gross-vehicle weight rating (GVWR) of 8,500 pounds or above.

This M/HDV fleet data was collected to inform zero-emission vehicle infrastructure planning decisions.

Data Collection Methodology

Applicable fleets submitted a completed reporting form developed by NYSDEC for the Advanced Clean Trucks (ACT) one-time fleet reporting requirement. This form and an associated guidance document were made available through DEC's Heavy-Duty Vehicles webpage: <https://dec.ny.gov/environmental-protection/air-quality/controlling-motor-vehicle-pollution/heavy-duty-vehicles#ACT>. NYSDEC has redacted all personal information contained within submitted reporting forms (i.e., names, phone numbers, email addresses).

Statistical and Analytic Issues

Cited numbers of vehicles reported in columns AS-AW and AZ-BL may be inexact. For entries with 11 or more total vehicles in a group and facility, the proportion of vehicles fitting the conditions is rounded to the nearest 10%. For entries with between 2 and 11 vehicles, proportions were rounded to the nearest integer.

The ACT reporting form allowed for the identification of confidential business information (CBI) within the reported entity, facility, and vehicle information. In instances where the CBI request was granted for certain fields, NYSDEC inserted a blank cell to replace redacted information.

Limitations of Data Use

These data represent the submitted results from the ACT one-time fleet reporting requirement. As such, it is a contemporaneous view of the applicable NYS fleet make-up and operations. These reports will not be updated beyond the addition of any late reports and subsequent report revisions. DEC shall update this Open Data NY database periodically to include late reports or corrections made by applicable entities. This dataset may not contain heavy-duty vehicle data from all applicable entities. This data was self-reported by fleet managers and some errors may exist, e.g., within the estimates of percentages provided.