MTA Open Data Catalog

Overview

General Description

The Metropolitan Transportation Authority (MTA) is a public-benefit corporation responsible for public transportation in the state of New York serving 12 counties in southeastern New York, along with two counties in southwestern Connecticut under contract to the Connecticut Department of Transportation (CDOT). The MTA is the largest transportation network in North America.

Subway service within New York City is operated by MTA New York City Transit (NYCT).

Bus service within New York City is operated by MTA agencies New York City Transit (NYCT) and MTA Bus Company (MTABC). [Some NYCT bus service is operated through the Manhattan and Bronx Surface Transit Operating Authority (MaBSTOA), which is a subsidiary of NYCT.]

MTA Staten Island Railway (SIR) is the only rapid transit line on Staten Island, providing local service 24/7 between St. George, where timed connections are available with the Staten Island Ferry to Manhattan, and Tottenville, running along the east side of the island. It is owned by the Staten Island Rapid Transit Operating Authority (SIRTOA) and is operated by MTA New York City Transit (NYCT).

The Long Island Rail Road (LIRR) is the busiest commuter railroad in North America, serving customers from Manhattan to the eastern tip of Suffolk County on Long Island.

Metro-North Railroad (MNR) is the second-busiest commuter railroad in North America, connecting Manhattan with the Bronx, the Hudson Valley, and Connecticut. [Service east of the Hudson River consists of the Hudson, Harlem, and New Haven lines, which originate at Grand Central Terminal. Service west of the Hudson River consists of the Port Jervis and Pascack Valley lines, which originate at Hoboken Terminal in New Jersey, and are operated under contract with New Jersey Transit.]

MTA Bridges and Tunnels (B&T) operates seven bridges and two tunnels in New York City and is responsible for the Central Business District (CBD) Tolling Program.

Access-A-Ride (AAR) Paratransit Service provides public transportation for eligible customers with disabilities that prevent them from using the public buses and subways for some or all of their trips, in

compliance with the federal Americans with Disabilities Act of 1990. [This service operates in all five boroughs of New York City (NYC) and within a 3/4-of mile corridor beyond fixed-route services across the NYC borderline to nearby areas of Nassau and Westchester counties.]

MTA Headquarters (MTA HQ) includes the executive staff of the MTA, as well as a number of departments that perform largely all-agency support functions, including information technology, security, audit, budget and financial management, governmental relations, insurance and risk management, legal, planning, procurement, real estate, and corporate compliance and ethics. In addition, the MTA maintains its own Police Department with non-exclusive jurisdiction over all facilities of the MTA and its subsidiaries.

In October 2021, the MTA Open Data Act was signed into law, modify the State Public Authority Law, by adding a new section, 1279-i, requiring the MTA to make its publishable data available on its website and on the state Open Data portal. The law required that the MTA create and maintain a catalog of publishable data, publish a schedule for making publishable data public, and create a schedule for the publication of all publishable MTA data within three years. The MTA first published its Open Data plan in April 2022. That document provides more information on how datasets were selected to be included on the agency's schedule for publishing data.

This dataset itself provides a list of all the datasets that MTA currently shares and plans to share on data.ny.gov. For each dataset, it includes a unique identifier, dataset title, the MTA agency, how often the dataset will be updated, a description, the status (the dataset is published, enhancements are planned to a published dataset, it is not yet published), when the dataset was created, the planned quarter for the dataset release, the URL to find the dataset on data.ny.gov, and any plan submission date notes.

This dataset was published through MTA's Open Data Program, which is committed to increasing transparency through high-quality open data and accompanying resources. We continually examine all our published and publishable data with a view to both providing datasets that can be effectively utilized by our customers and the public at large, and to providing regular, automated updates to these datasets efficiently and sustainably. Consequently, this dataset may be restructured and/or combined with other similar datasets in the future.

Data Collection Methodology

The MTA Open Data Catalog is created and maintained by the MTA Data & Analytics team and is updated daily. All MTA datasets on data.ny.gov that are already published are pulled from Socrata's metadata API. This information is then combined with an internally maintained release plan that lists datasets planned for publication. The two sources are joined to create the public-facing catalog. The status of planned datasets is updated as they are published to the Open Data Portal. Planned dataset release timelines are subject to change based on internal priorities and feedback from external stakeholders regarding the most valuable data to publish.

Statistical and Analytic Issues

Recently published datasets may temporarily appear twice in the MTA Open Data Catalog. This occurs during the transition period when a dataset is recorded internally as published and removed from the planned dataset list. These duplicates are resolved in subsequent updates. Users should be aware of this temporary overlap when reviewing recently added datasets in the catalog.

Limitations of Data Use

There are no limitations on the data at this time.

Release Notes
Version 1.0.0 initial release (01/06/2023)

Version 2.0.0 Update fields and methodology (06/14/2025)