

# NYC Mass Transit Spatial Layers



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The datasets on this page were produced by the GIS Lab at the Newman Library of Baruch College, CUNY using the [Data Feeds from the Metropolitan Transportation Authority \(MTA\)](#) and the GIS files from the [NJ Office of Information Technology](#). They represent NYC transit bus, rail, and subway routes and stops. It was created so that members of the public would have access to well-documented and readily-usable GIS layers of NYC mass transit features. The point and line layers are in a shapefile format, projected in NAD 83 NY State Plane Long Island (feet).

Please review the metadata for a description of the contents, creation, and use limitations of the shapefiles. [Read this post for pointers on applying colors and styles](#). The data is intended for non-commercial use for basic geographic analysis and mapping purposes, and will be updated bi-annually. This page contains the most recent versions of the data. Some layers are not updated bi-annually because there were no changes between the current source data and the last published version. For previous versions see the [NYC Mass Transit Spatial Layers Archive](#).

[Mass Transit dataset creation scripts on GitHub](#)

## Bus

Layers for Nov 2020 capture the resumption of normal services (compared to reduced services during May 2020 due to COVID-19). [See this document for details](#).

Date	Name	Features	File Type	Download	Metadata
2020 - Nov	NYC Bus Routes	lines	shapefile	<a href="#">bus_routes_nyc_nov2020.zip</a>	<a href="#">XML</a>
2020 - Nov	NYC Bus Stops	points	shapefile	<a href="#">bus_stops_nyc_nov2020.zip</a>	<a href="#">XML</a>
2020 - Nov	NYC Express Bus Routes	lines	shapefile	<a href="#">express_bus_routes_nyc_nov2020.zip</a>	<a href="#">XML</a>
2020 - Nov	NYC Express Bus Stops	points	shapefile	<a href="#">express_bus_stops_nyc_nov2020.zip</a>	<a href="#">XML</a>

## Rail

Date	Name	Features	File Type	Download	Metadata
2019 - May	LIRR Routes	lines	shapefile	<a href="#">routes_lirr_may2019.zip</a>	<a href="#">XML</a>
2019 - May	LIRR Stops	points	shapefile	<a href="#">stops_lirr_may2019.zip</a>	<a href="#">XML</a>
2019 - May	Metro-North Routes	lines	shapefile	<a href="#">routes_metro_north_may2019.zip</a>	<a href="#">XML</a>
2019 - May	Metro-North Stops	points	shapefile	<a href="#">stops_metro_north_may2019.zip</a>	<a href="#">XML</a>
2019 - May	Metro-North Bronx Shuttle Bus Stops	points	shapefile	<a href="#">metro_north_bx_bus_may2019</a>	<a href="#">XML</a>

## Subway

Layers for Nov 2020 capture the resumption of normal services (compared to reduced services during May 2020 due to COVID-19). [See this document for details](#).

Date	Name	Features	File Type	Download	Metadata
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2020 - Nov	Subway Routes	lines	shapefile	<a href="#">routes_nyc_subway_nov2020.zip</a>	<a href="#">XML</a>
2020 - Nov	Subway Stops	points	shapefile	<a href="#">stops_nyc_subway_nov2020.zip</a>	<a href="#">XML</a>
2016 - May	Subway Station Entrances	points	shapefile	<a href="#">subway_entrances_may2016.zip</a>	<a href="#">XML</a>
2017 - Jan	PATH Train Routes	lines	shapefile	<a href="#">routes_path_2017.zip</a>	<a href="#">XML</a>
2017 - Jan	PATH Train Stops	points	shapefile	<a href="#">stops_path_2017.zip</a>	<a href="#">XML</a>

## Annual Ridership

Date	Name	File Type	Download	Metadata
2020 - Aug	NYC Transit Subway Ridership 2007 to 2019	excel	<a href="#">nycsubway_ridership.xlsx</a>	see file for details
2020 - May	PATH Train Ridership 2012 to 2019	excel	<a href="#">path_ridership.xlsx</a>	see file for details



Downtown Brooklyn Bus Routes

*Disclaimer: Every effort was made to insure that the data, which was compiled from public sources, was processed accurately. The creator, Baruch College, and CUNY disclaim any liability for errors, inaccuracies, or omissions that may be contained therein or for any damages that may arise from the foregoing. Users should independently verify the accuracy of the data for their purposes.*

*The Metropolitan Transportation Authority (MTA) and the Port Authority of NY and NJ have not created nor do they endorse the datasets provided on this site. Data derived from MTA sources it is subject to the terms and conditions presented here: <http://web.mta.info/developers/developer-data-terms.html#data>.*