Data Sets and Collaboration

November 16, 2022

Sampling of Data Sets

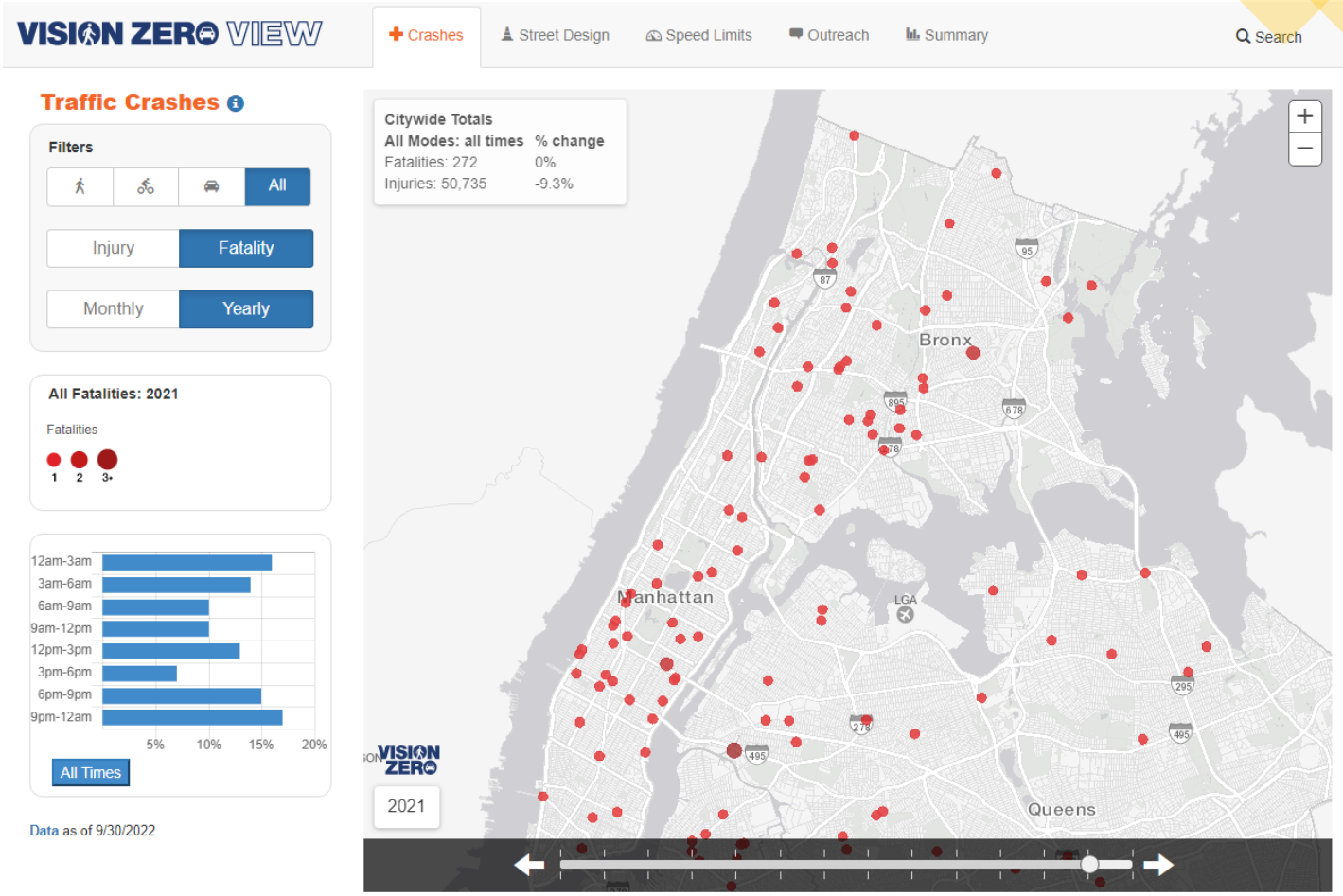
Road use

- DOF Open Parking and Camera Violations
- NYPD Moving violations
- TLC Industry Trip Data
- DCAS Fleet Telematics
- DOHMH Community Health Survey
- DOT Citywide Mobility Survey

Sampling of Data Sets

Crashes and Injuries

- Vision Zero View Interactive map
- NYPD Motor Vehicle Collisions – Crashes
- NYPD Motor Vehicle Collisions – Vehicles
- NYPD Motor Vehicle Collisions – Person
- NYPD Traffic Safety Forum
- TLC Crash Data Summary
- DOHMH Vital Statistics
- DCAS Fleet Crashes



Sampling of Data Sets

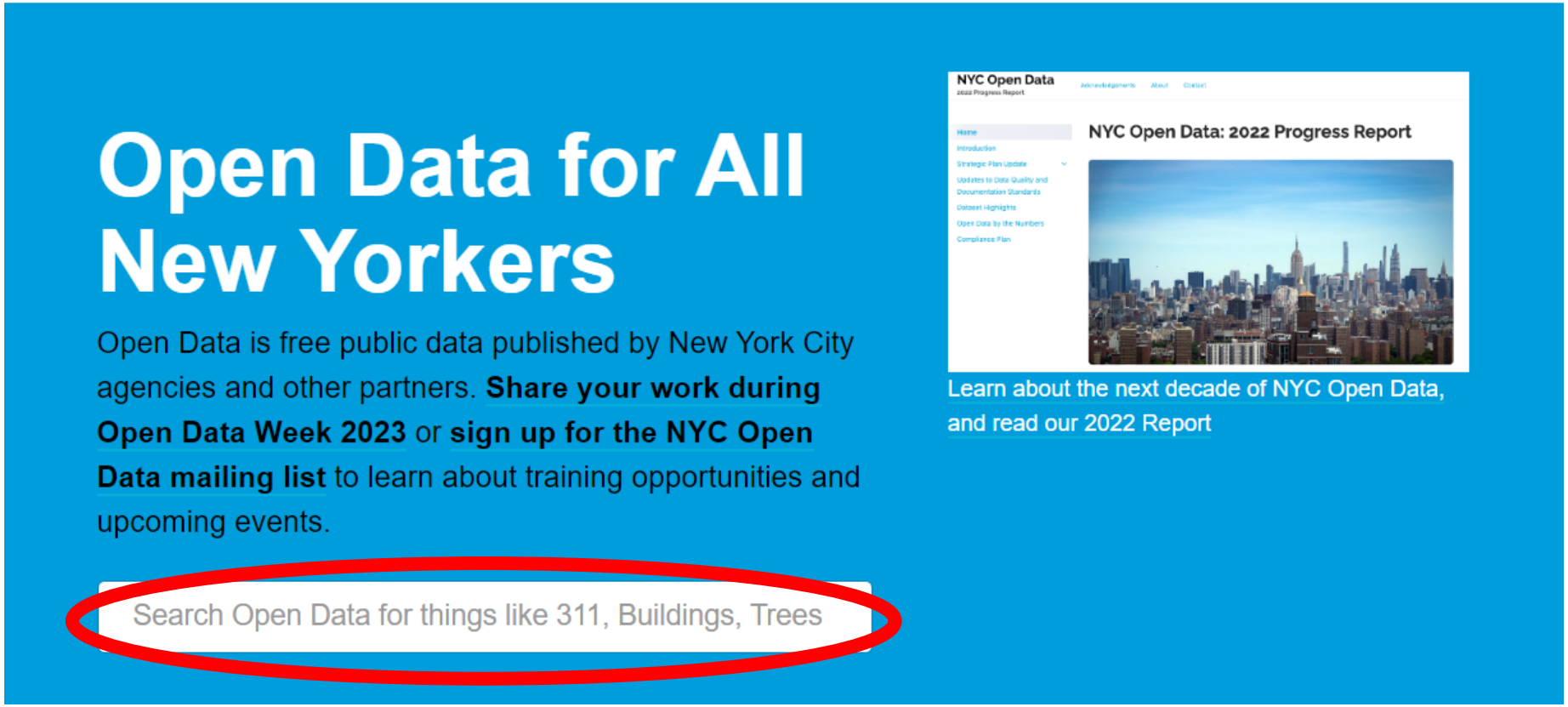
Priority Geographies

- Priority Corridors
- Priority Zone or Areas
- Priority Intersections
- Bike Priority Areas

Road projects

- DOT – Safety Improvement Projects (intersections/corridor)
- DOT – Signal Timing/25MPH Signal Retiming
- Speed Humps, Leading Pedestrian Intervals, Turn Traffic Calming

NYC Open Data



https://opendata.cityofnewyork.us/

NYC OpenData

Home Data About Learn Alerts Contact Us Blog Sign In

BETA Introducing our new data shaping and exploration experience: Filter, group, aggregate, and more! Try it now Learn more

Motor Vehicle Collisions - Crashes

Public Safety

View Data Visualize Export API ...

The Motor Vehicle Collisions crash table contains details on the crash event. Each row represents a crash event. The Motor Vehicle Collisions data tables contain information from all police reported motor vehicle collisions in NYC. The police report (MV104-AN) is required to be filled out for collisions where someone is injured or killed, or where there is at least $1000 worth

More

Updated
October 27, 2022

Data Provided by
Police Department (NYPD)

Environment and Health Data Portal

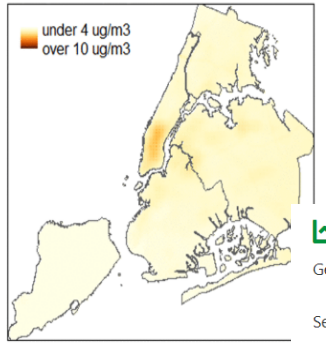
The biggest air quality changes were in Manhattan's central business district.

With many New Yorkers staying home, activity in the CBD fell drastically. Explore the changes in the maps below.

Our land-use regression models incorporate data from nearly 100 air quality monitoring sites. For more information, visit NYCCAS.

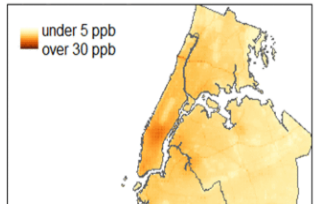
PM2.5

Spring 2019 **Spring 2020**



NO2

Spring 2019 **Spring 2020**



View thes

Data Explorer

Get data sets on important environment and health topics for NYC. View maps, charts, and more.

Select a topic to view data:

- Air Quality
- Climate
- Housing
- Health equity
- Active design / Transportation
- Health outcomes
- Child health
- Pests and pesticides
- Food and drink
- All topics

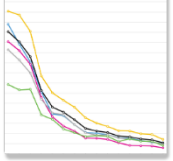
Can't find what you're looking for? Browse an index of all our datasets.

Featured datasets:

- Air quality: PM2.5
- Evictions
- Poverty
- Child asthma
- Heat vulnerability
- Violence

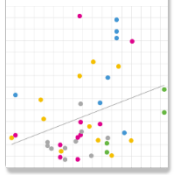
What's inside:

Get trends...



...maps...

...and more!



nyc.gov | Health 311 Search all NYC.gov NYC

Environment and Health Data Portal

Understand how environments shape health in New York City

Home | Data Stories | Neighborhood Reports | Key Topics | Data Explorer

What's the environment?

It's everything around us: our air and water, the climate, our city's buildings and streets, and the society that we live in. It shapes our lives and our health.

We collect data from many different sources, and we put them together in different ways to show **how environments affect health**. Explore how here.

Data Stories

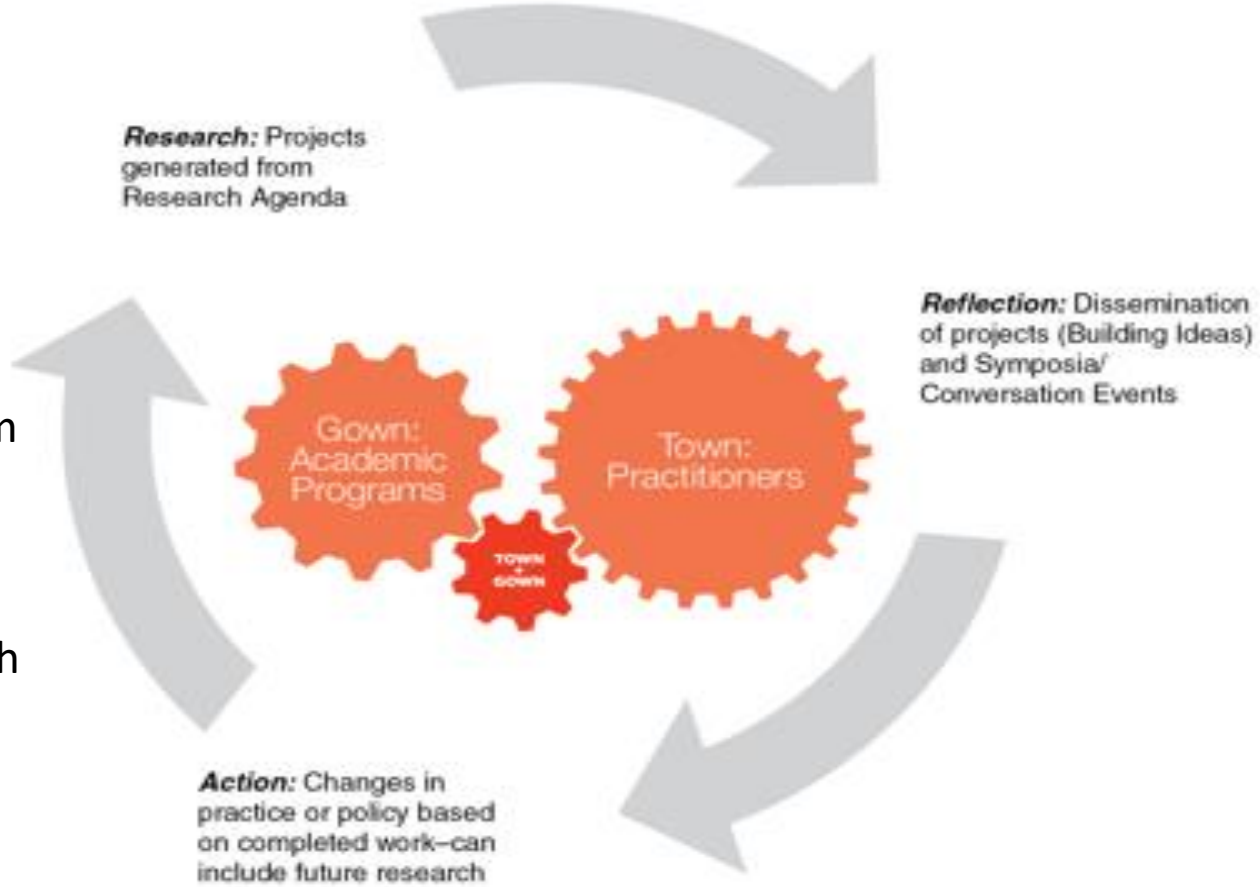
TOWN +GOWN: NYC

- Brings academics and practitioners together on Built Environment research within an action research framework

- Transfers and translates applied research results to inform and support changes in practices and policies

- **Two mechanisms:**
  1. student-directed experiential learning-based research
  2. agency-funded faculty-directed research

- Partnered with the Vision Zero Task Force on all Research on the Road Events!



Terri Matthews, Director, Town+Gown
matthewte@ddc.nyc.gov

Program Webpage: https://www1.nyc.gov/site/ddc/about/town-gown.page

Transportation-related experiential learning projects within Town+Gown

Transportation Monitoring (Management of Technology Capstone, Spring 2021)

Expanding upon Transportation Monitoring project insights

Utilidor Working Group

Urban Subsurface Infrastructure Disruption Analysis (**L**ocation-based **A**nalysis **M**ethod for **P**riority (LAMP)
(Management of Technology Capstone, Fall 2021)

Transportation-related (and other) faculty-directed projects via Town+Gown Master Contracts

Two Agency-Funded Faculty Directed Master Contract Options with examples of applied research conducted.

Acknowledgments

Seth Hostetter, NYC DOT
Rob Viola, NYC DOT
Julia Kite-Laidlaw, NYC DOT
Terri Matthews, NYC DDC
Shawn Alsop, NYPD
Eric Richardson, NYC DCAS
Nathaniel Koszer, NYC DCAS
James DiGiovanni, NYC TLC
Andrea Hernandez, NYC Mayor’s Office of Operations
Dara Yen, NYC Mayor’s Office of Operations
Geraldine Sweeney, NYC Mayor’s Office of Operations
Fiona Peach, NYC Mayor’s Office Of Operations