



# Reimagining How Freight Moves in NYC

174<sup>th</sup> CityLaw Breakfast  
Commissioner Hank Gutman, NYC Department of Transportation  
October 29, 2021



# NYC DOT's Mission:

The safe, efficient, and environmentally responsible movement of people and goods



# State of Freight in NYC

Today, nearly 90% of goods in NYC are carried by truck



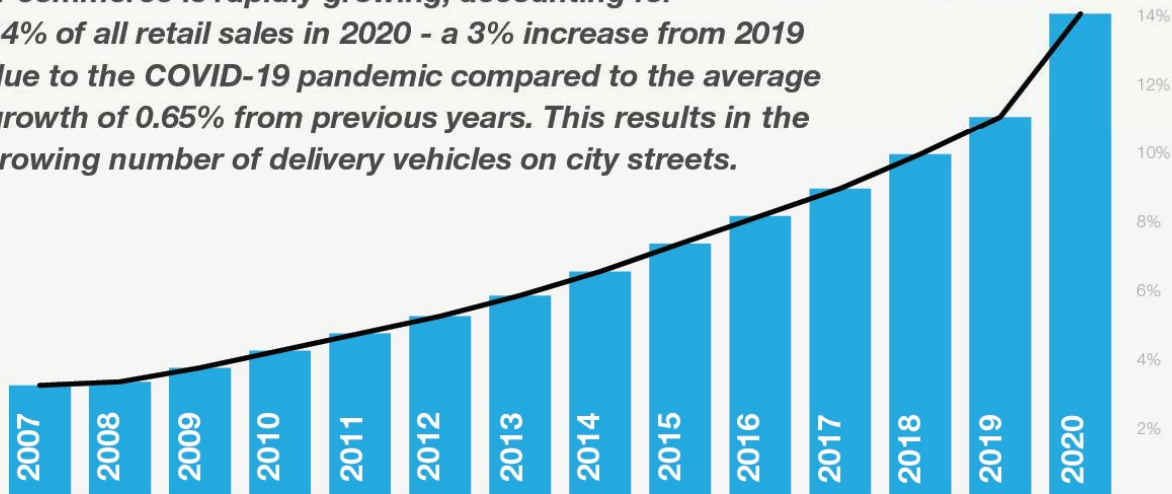
## Truck impacts:

- Slows traffic
- Pollutes air
- Stresses infrastructure
- Harms quality of life

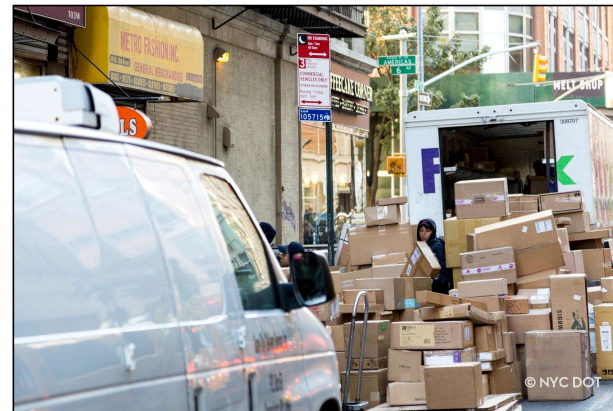
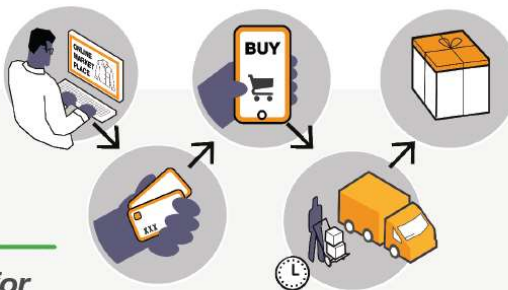
# Freight Demands Are Growing

## Growing Demands for E-Commerce

E-commerce is rapidly growing, accounting for 14% of all retail sales in 2020 - a 3% increase from 2019 due to the COVID-19 pandemic compared to the average growth of 0.65% from previous years. This results in the growing number of delivery vehicles on city streets.



Data Source: Retail Indicators Branch, U.S. Census Bureau



# Reimagining How Freight Moves in NYC

NYC DOT and NYC EDC committed to a strong multimodal and sustainable supply chain for the city

## How goods move *into* the city:

- Shift from trucks to trains
- Shift from trucks to marine barge



## How goods move *within* the city:

- Increasing efficiency of truck deliveries
- Making trucks cleaner and more compliant
- Shifting from trucks to bicycles

# Moving Freight Into the City: Railways



Oak Point Yard in the Bronx  
Photo Sources: NYCEDC FreightNYC

Shifting goods from trucks to trains:

- Expand transload facilities
- Modernize key freight rail assets



Arthur Kill Lift Bridge Tracks. Photo Source: NYCEDC

# Moving Freight Into the City: Waterways

Shifting goods from road to water:

- Modernize marine terminals
- Expand waterfront access to maritime shippers
- Support private sector marine highway initiatives



Photo Sources: NYCEDC FreightNYC



# Moving Freight Within the City



## Making deliveries more efficient:

- Expand Neighborhood Loading Zones
- Retiming deliveries to the off-peak hours
- Promote Urban Consolidation Programs
- Facilitate Micro-Distribution Centers

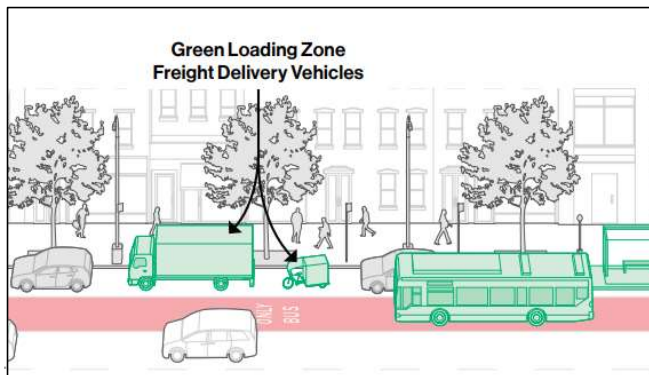




# Moving Freight Within the City

## Making truck deliveries cleaner:

- Clean Trucks and TRU replacement programs
- Freight decarbonization and electrification study
- Green Loading Zone pilot



# Moving Freight Within the City



- Making trucks more compliant:**
- Pursue legislative and regulatory changes
  - Expand Weigh In Motion (WIM) and camera technology



# Moving Freight Within the City: by Bicycle



## Shift from Trucks to Bikes:

- Expand cargo bike program
- Pilot barge-to-bike transloading

# Beyond Imagination:

## How to execute the NYC Freight Vision:

- Political support for legislative and regulatory changes
- City and Federal funding
- Public sector commitment to incentivize the private sector



# Thank you!

## Questions?



NYCDOT



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# Moving Freight Within the City

## Urban Consolidation Centers and Micro-Distribution Centers



The Hunts Point Terminal Distribution Center

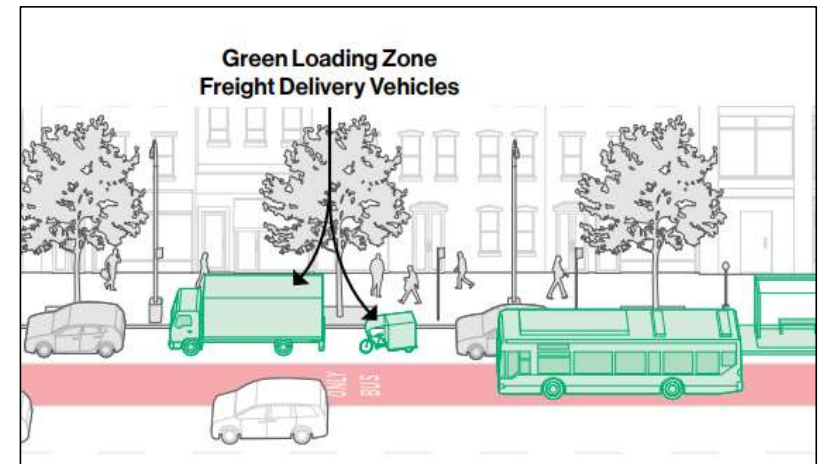


USPS gopost program photo: USPS



# Moving Freight Within the City:

## Making trucks cleaner



# Making Trucks Cleaner



PM2.5 traffic pollution contributes to 320 premature deaths and 870 emergency department visits in NYC every year.

