



Electric Buses & Environmental Justice

TRANSPORTATION, CLIMATE & HEALTH



Transportation accounts for **30% of US greenhouse gas emissions.**



40% of the MTA fleet runs on diesel, one of the worst fuel sources in terms of climate pollution and public health impacts.



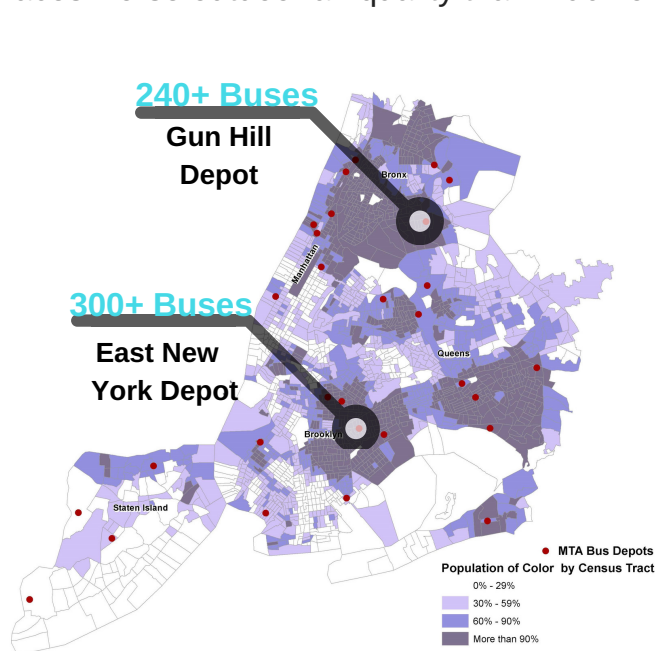
NYC's bus fleet alone contributes **577,000 metric tons of CO2 annually.**



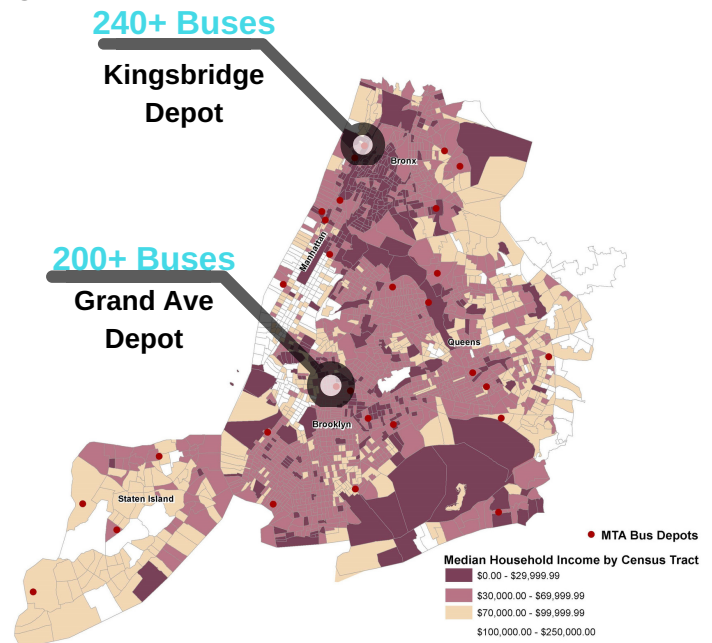
Diesel-burning buses produce **harmful particulate emissions** linked to asthma and other respiratory diseases.

CONCENTRATION OF BUS DEPOTS IN EJ COMMUNITIES

The 29 MTA bus depots in NYC are concentrated in low-income communities and communities of color, many of which face numerous other sources of pollution. North Brooklyn in particular faces worse outdoor air quality than much of NYC.



Bus Depots in Communities of Color



Bus Depots in Low-Income Communities

WHY ELECTRIFY NYC'S BUS FLEET

Cost Savings

\$39K

Annual maintenance and fuel cost savings per bus.

\$150K

Annual health cost savings in NYC per bus.

Emissions Reductions

84%

Total GHG emissions reductions from bus fleet.

97.5%

Total particulate emissions reductions from bus fleet, fewer visits to the hospital from respiratory distress and asthma attacks

HOW THE MTA CAN TAKE ACTION



Currently, the MTA is piloting **10 electric buses in NYC** – less than **1% of the entire fleet**.

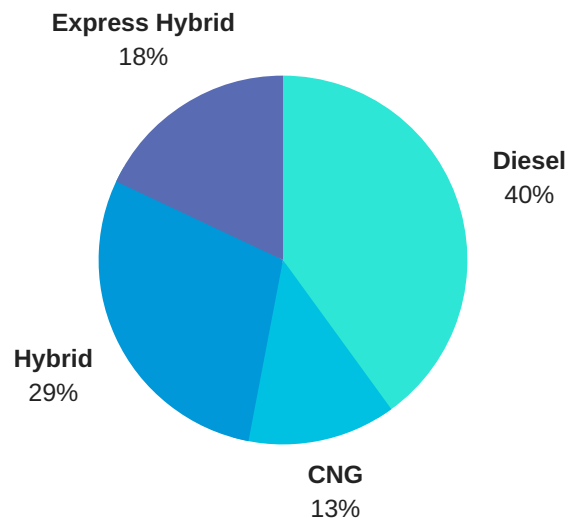


We need a comprehensive plan to scale up procurement of electric buses.



By investing in climate-smart strategies now, **NYC can avoid long-term public health and resiliency costs in the future.**

2018 MTA Fleet Breakdown by Fuel Source



**For more information contact | NYC-EJA's
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