



Samantha Bingham

Clean Transportation Program Director, CDOT



CHICAGO DEPARTMENT
OF TRANSPORTATION

**AEG CHICAGO 20Q4
STAKEHOLDER CHALLENGE**

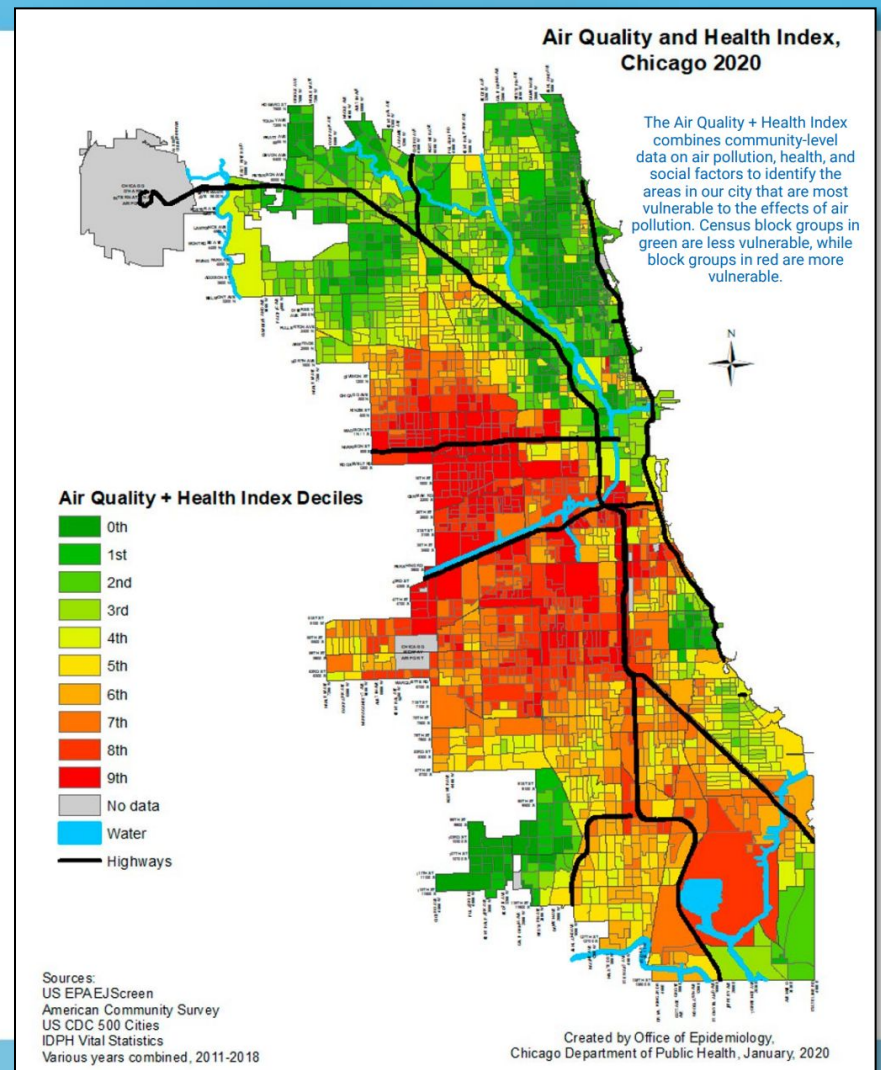
Mobility & Transportation

11/18/2020

Chicago Air Quality & Health

Map from City of Chicago Air Quality Report and Health Report, 2020

https://www.chicago.gov/content/dam/city/depts/cdp/health_and_reports/Air_Quality_Health_doc_FINALv4.pdf



Chicago is a Prime EV Market

Community Benefits

EVs can be an affordable alternative to traditional vehicles, improve local air quality & reduce greenhouse gas emissions

Large Automobile Market

Third largest automobile market in the US

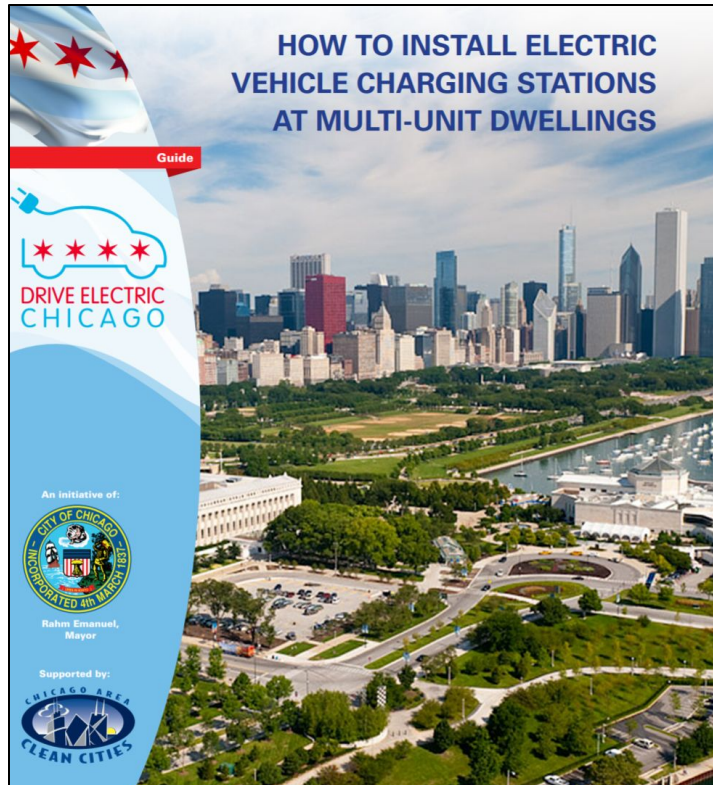
Ideal Trip Distances

92% of Chicago's residents commute 40 miles or less each day

Targeted Fleet Adoption

Innovative incentive and education programs for fleets to adopt electric vehicles

Chicago EV Barriers Addressed



Easy Home Installation

Easy, online expedited permit process for station installations

Regulatory Clarity

Illinois Commerce Commission determined that EVSE operators are not deemed sellers of electricity and therefore not regulated as such

Multi-Unit Dwelling Support

70% of Chicago residents live in multi-unit dwellings. DriveElectricChicago.org provides a guide to help with infrastructure development

Chicago also has EV owners/advocacy group, [Chicago for EVs](#)

New Developments, 2017-2020

EV-Installed or EV-Ready options added to the Chicago Sustainable Development Policy

New Developments, November 2020+

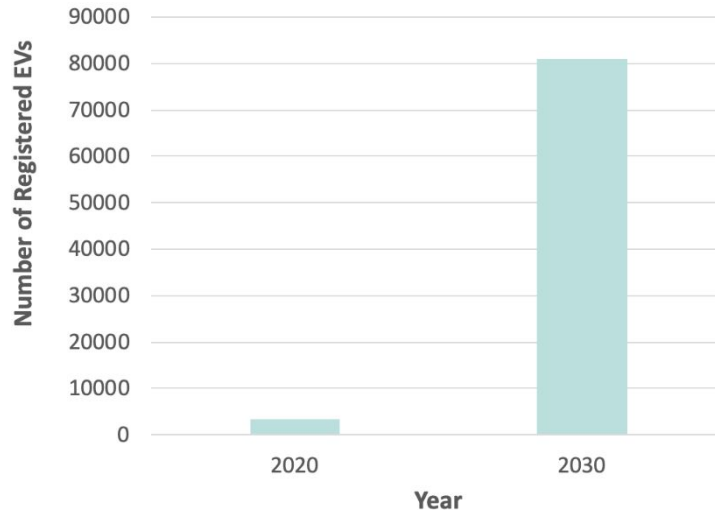
EV-Ready Ordinance passed by City Council: [April 24, 2020](#)

Chicago's Future LDEV Landscape

Current number of registered EVs within City Limits: 3,442

Projected number of EVs within City Limits by 2030: 81,000

Number of EVs Projected in Chicago Limits by 2030



Current EV & Charging Infrastructure Landscape

Key Insights

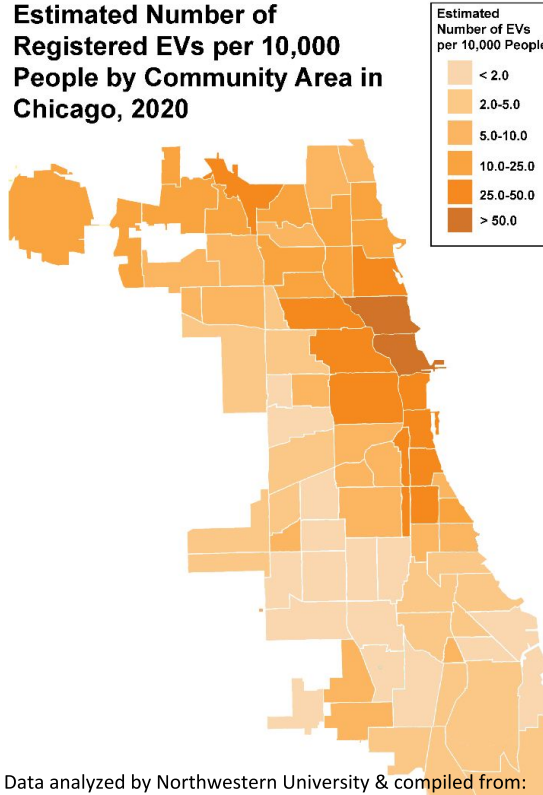
403 L2s @ 127 sites
19 DCFC @ 13 sites
- does not include Tesla

Every community area has registered EVs

70% of all public charging is located in just 3 community areas

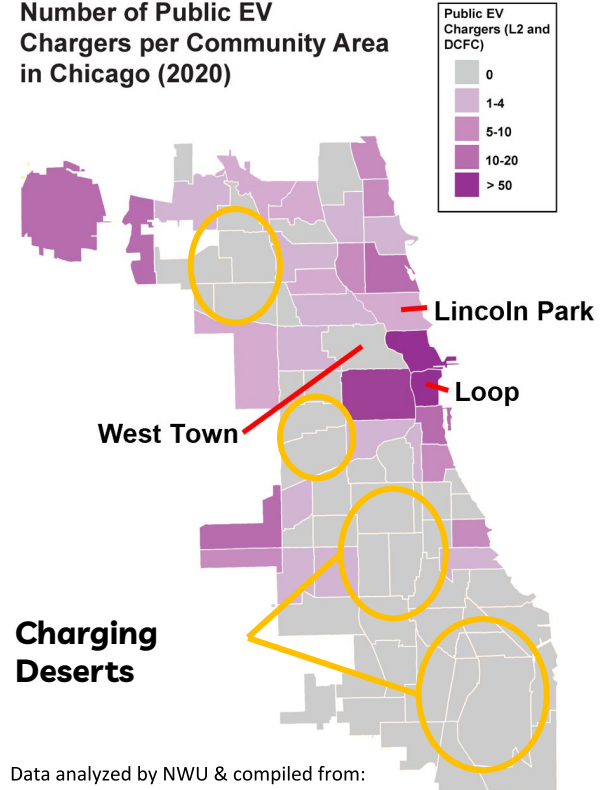
47 of 77 community areas do not have a single public charger

Estimated Number of Registered EVs per 10,000 People by Community Area in Chicago, 2020



Data analyzed by Northwestern University & compiled from:
-Illinois Secretary of State EV Registrations, 2020
-CMAQ Community Data Snapshot, 2019

Number of Public EV Chargers per Community Area in Chicago (2020)



Data analyzed by NWU & compiled from:
-AFDC Illinois Fueling Stations Data, 2020
-Plugging In Report, 2017

THANK YOU

Samantha Bingham, Clean Transportation Program Director, CDOT

Email: Samantha.Bingham@cityofchicago.org

Phone: 1-312-744-8096

Websites: www.cityofchicago.org/Transportation

www.DriveCleanChicago.com

www.DriveElectricChicago.org

www.ChicagoCleanCities.org

