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GREENTOWN

**Reinventing Mobility:
Curbing Emissions to Help
Communities Prosper**

9/30/2020

Current EV & Charging Infrastructure Landscape

Key Insights

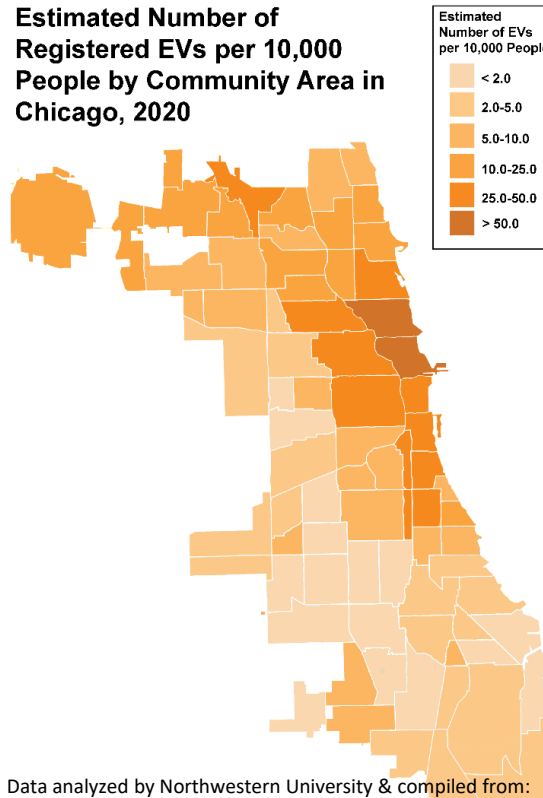
403 L2s @ 127 sites
19 DCFC @ 13 sites
- does not include Tesla

Every community area has registered EVs

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

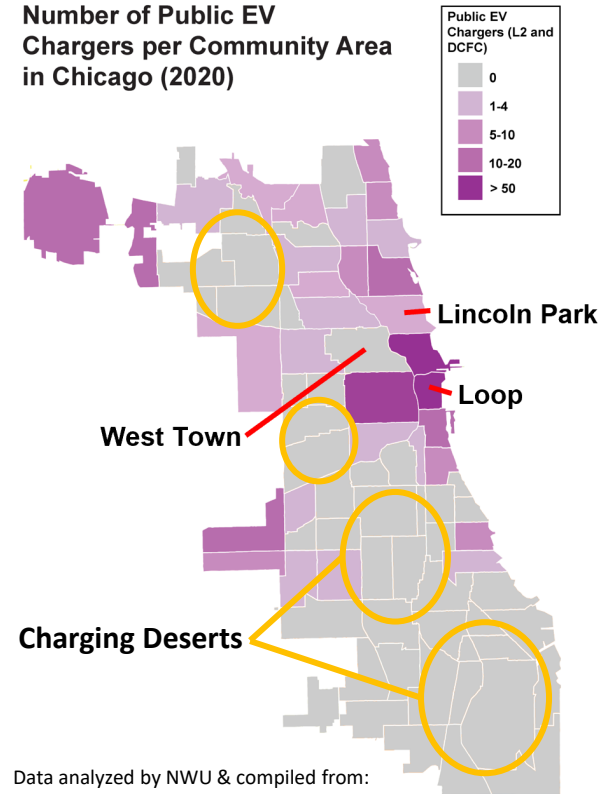
47 of 77 community areas do not have a single public charger

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



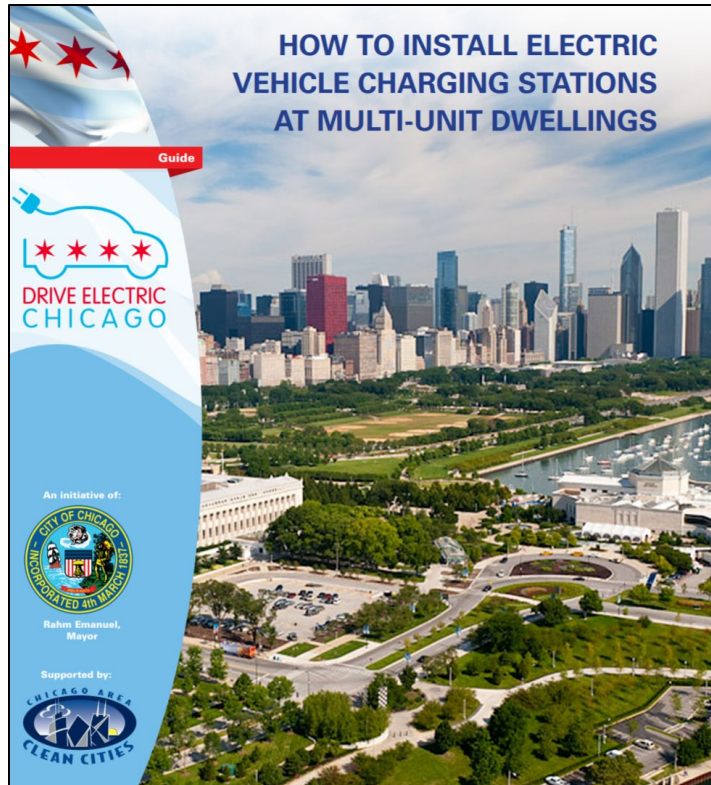
Data analyzed by Northwestern University & compiled from:
-Illinois Secretary of State EV Registrations, 2020
-CMAP Community Data Snapshot, 2019

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

Chicago EVSE 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](#)

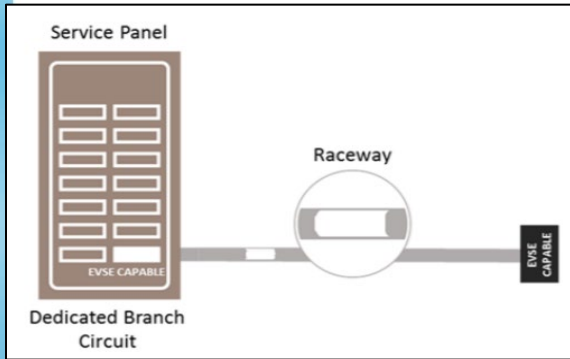
New Developments, 2017-2020

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

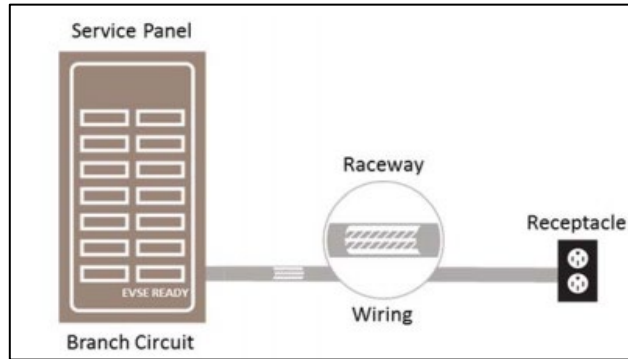
New Developments, November 2020+

EV-Ready Ordinance passed by City Council: April 24, 2020

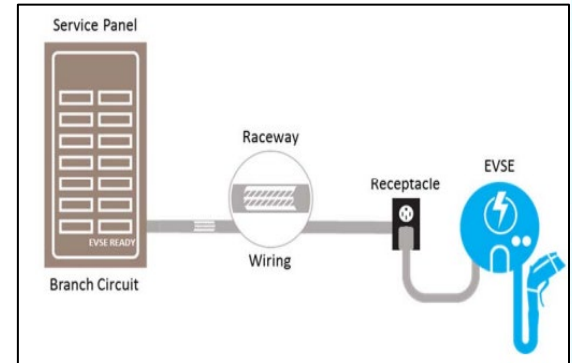
Community EV Readiness: New Construction Options



EV-Capable

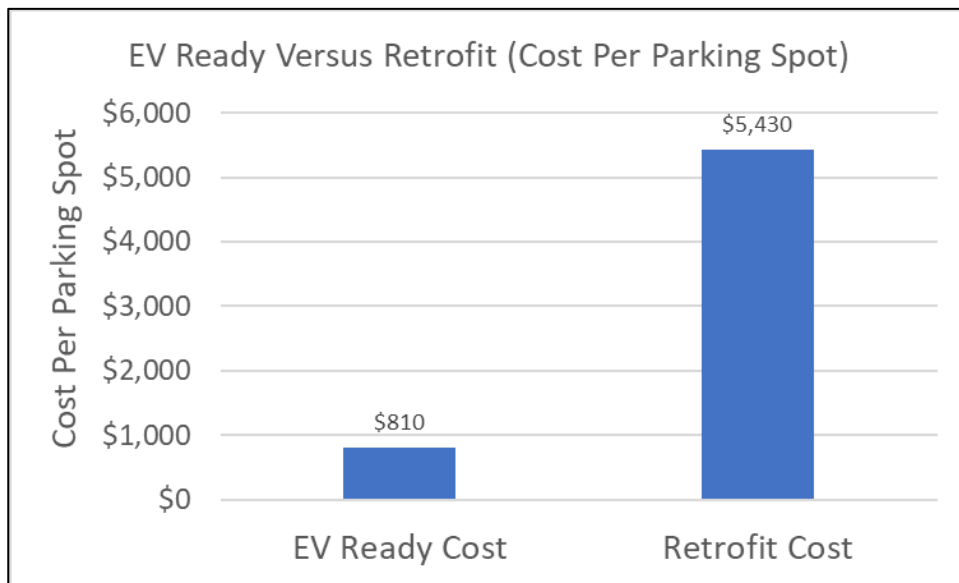


EV-Ready



EV-Installed

Chicago's EV Readiness Efforts: EV-Ready Cost Effectiveness



Chicago's EV Readiness Efforts: EV Readiness Ordinance

Residential Buildings

- New construction
- 5 or more dwelling units
- on-site parking
- At least 20%, 1 minimum
- EVSE-Ready or -Installed

Non-Residential Buildings

- New construction
- 30 or more parking spaces
- At least 20%
- EVSE-Ready or -Installed

If an accessible parking space is required, at least one of the EVSE-Ready spaces must be accessible.

THANK YOU

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