



Ask Dr. Arwady

11/18/2021

Guest: Raed Mansour, Director of Innovation, CDPH

Chicago COVID-19 Community Transmission and Risk Matrix

	VERY HIGH TRANSMISSION	HIGH TRANSMISSION	SUBSTANTIAL TRANSMISSION	LOWER TRANSMISSION	LOW TRANSMISSION
COVID-19 CASES DIAGNOSED PER DAY Chicago residents - 7-day rolling daily average	800+	400 - 799 Current: 501 Increasing	200 - 399	20 - 199	<20
COVID-19 TEST POSITIVITY Chicago residents - 7-day rolling daily average	10%+	6.6 - 9.9%	5.0 - 6.5%	2 - 4.9% Current: 2.7% Increasing	<2%
HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	1250+	750 - 1249	250 - 749 Current: 256 Increasing	100 - 249	<100
ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	400+	300 - 399	100 - 299	20 - 99 Current: 60 Stable	<20

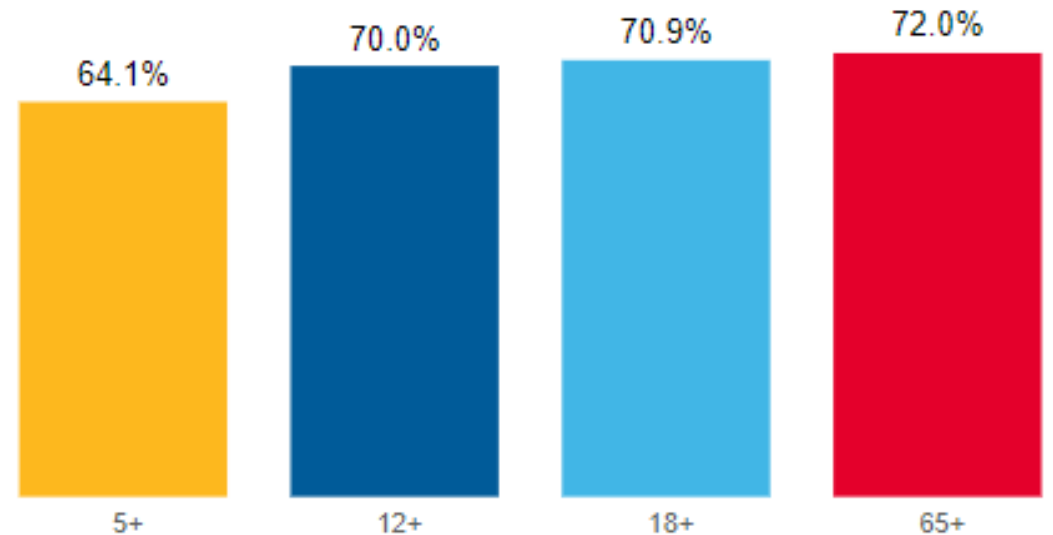
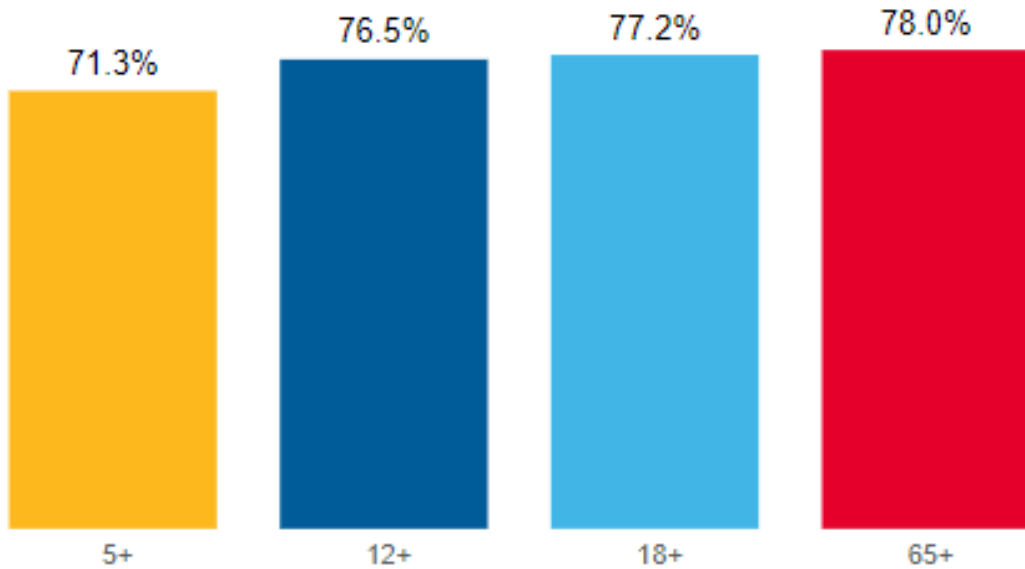
Source: Chicago Department of Public Health, data current as of November 18, 2021. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.



Chicago's COVID Dashboard now includes vaccination rates for City's population 5+

At least one dose (% vaccinated as of 11/16/2021)

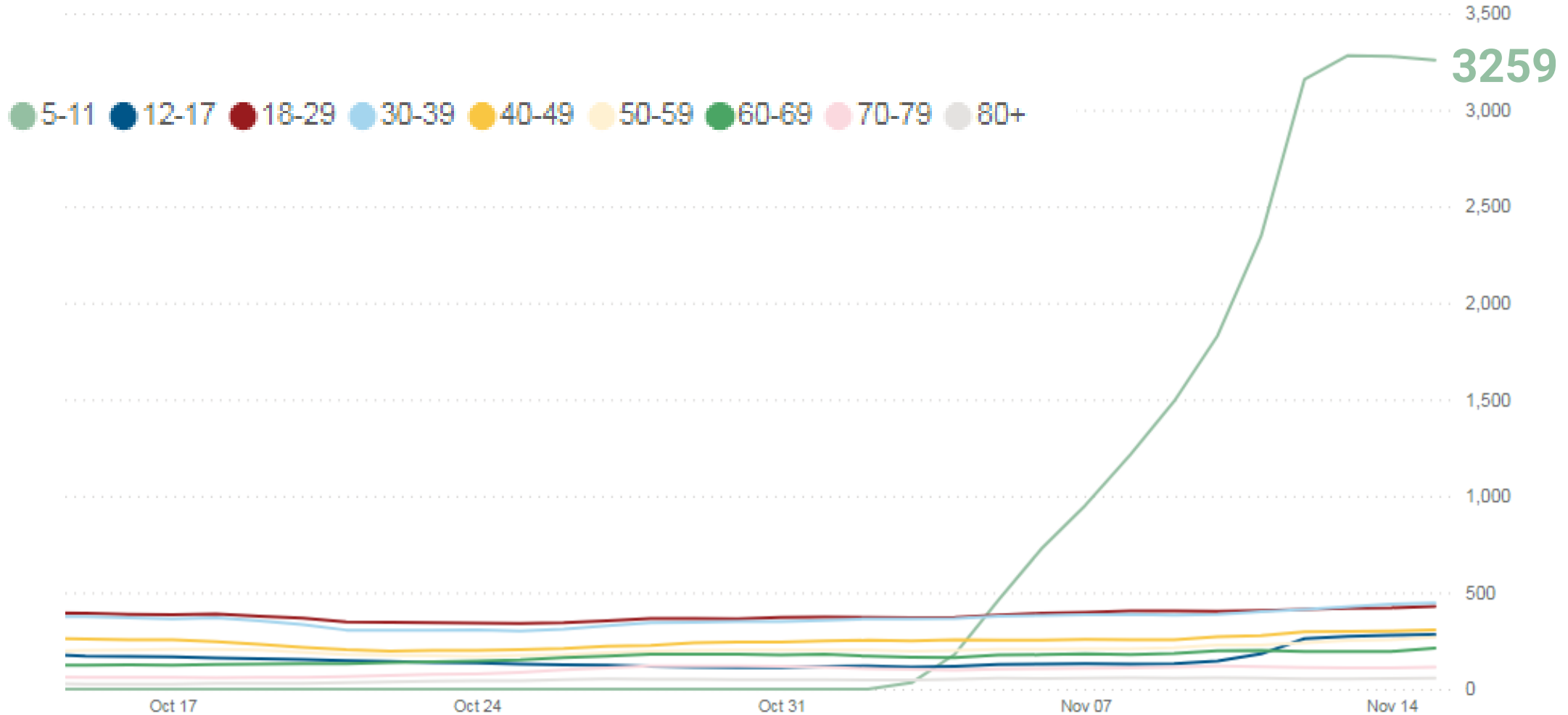
Completed vaccine series (% vaccinated as of 11/16/2021)



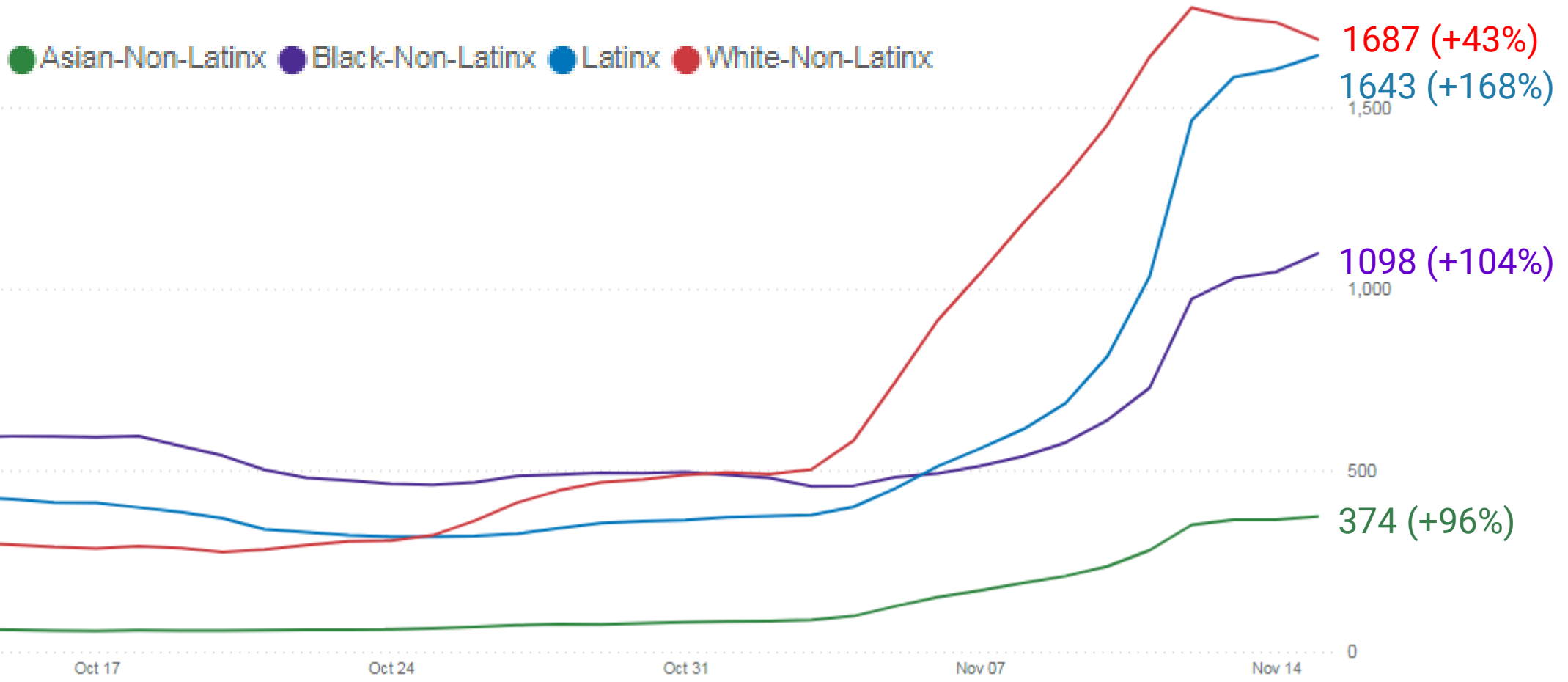
built by
slalom

Very steep increase in 1st dose uptake for

★ 5-11 year olds



First COVID-19 vaccine doses sees a large increase in all Chicago race and ethnicities



Get vaccinated *now* in time for the holidays:



Even one dose before Thanksgiving starts to build protection.

Children need a first vaccine dose by this Saturday to be fully vaccinated by Christmas!

To be fully vaccinated against COVID-19 for **Christmas** (Dec. 25)

START your vax series by

NOV. 13	1st Dose Moderna
NOV. 20	1st Dose Pfizer
DEC. 11	Single Dose J&J

The infographic features a dark blue background with white snowflakes and a red border. A yellow box highlights the 'NOV. 20 1st Dose Pfizer' entry.

To be fully vaccinated against COVID-19 for **Kwanzaa** (Starts Dec. 26)

START your vax series by

NOV. 14	1st Dose Moderna
NOV. 21	1st Dose Pfizer
DEC. 12	Single Dose J&J

The infographic features a green background with a cornucopia of produce and a red border. A yellow box highlights the 'NOV. 21 1st Dose Pfizer' entry.

To be fully vaccinated against COVID-19 for **New Years Eve** (Dec. 31)

START your vax series by

NOV. 19	1st Dose Moderna
NOV. 26	1st Dose Pfizer
DEC. 17	Single Dose J&J

The infographic features a black background with white fireworks and a white border. A yellow box highlights the 'NOV. 26 1st Dose Pfizer' entry.

Lots of availability at our city run clinics!



**VACCINES FOR KIDS
5-11 ARE HERE!**

★ GET VACCINATED AT ★
KENNEDY KING COLLEGE



GET UP TO
\$100⁺

PROTECT PROTECT PROTECT PROTECT PROTECT PROTECT PROTECT
CHICAGO * CHICAGO * CHICAGO * CHICAGO * CHICAGO * CHICAGO * CHICAGO * CHICAGO *

SATURDAYS, NOV. 20 & DEC. 11 · 9 AM – 2 PM



**VACCINES FOR KIDS
5-11 ARE HERE!**

★ GET VACCINATED AT ★
OLIVE-HARVEY COLLEGE



GET UP TO
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PROTECT PROTECT PROTECT PROTECT PROTECT PROTECT PROTECT
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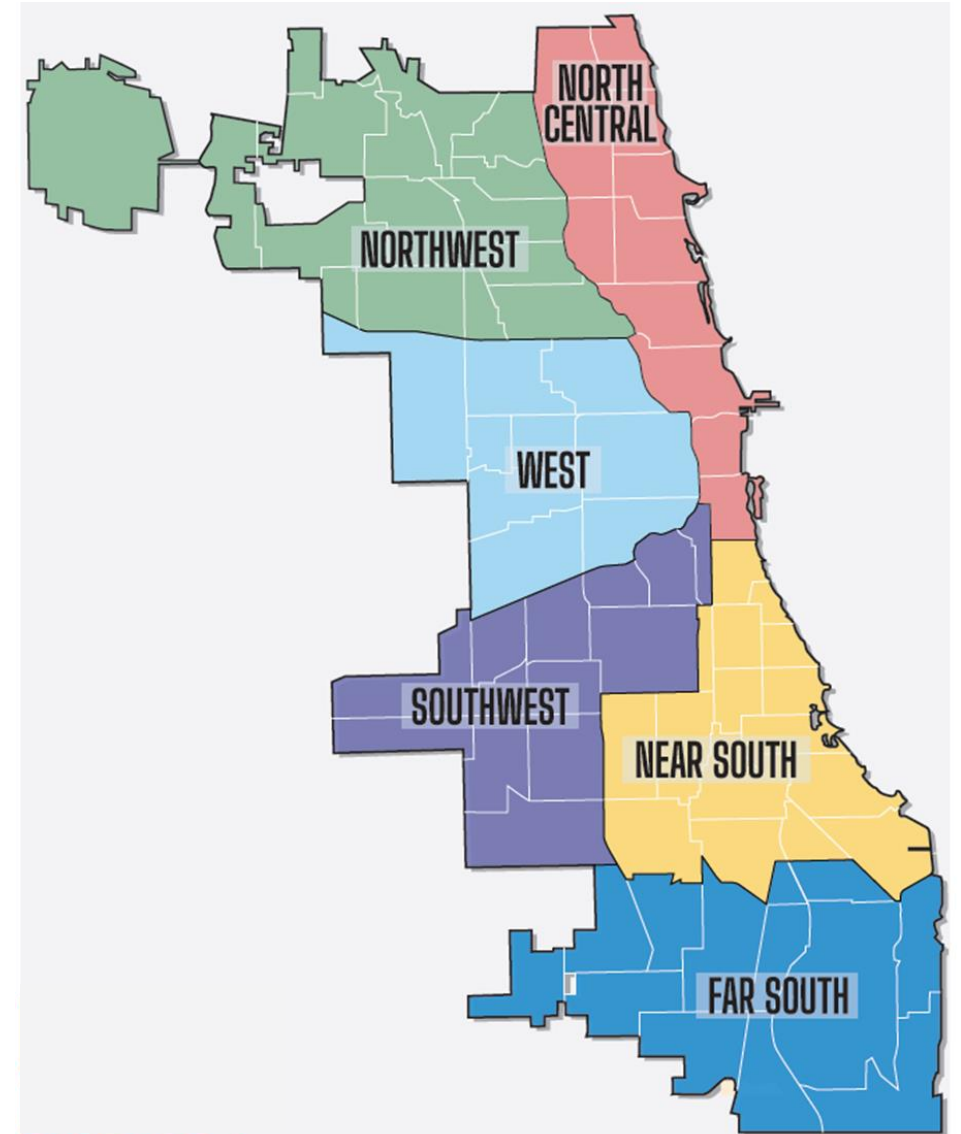
SUNDAYS, NOV. 21 & DEC. 12 · 9 AM – 2 PM

Book your appointment at rebrand.ly/YouthVax or call **312-746-4835**

More vaccine events happening this weekend!

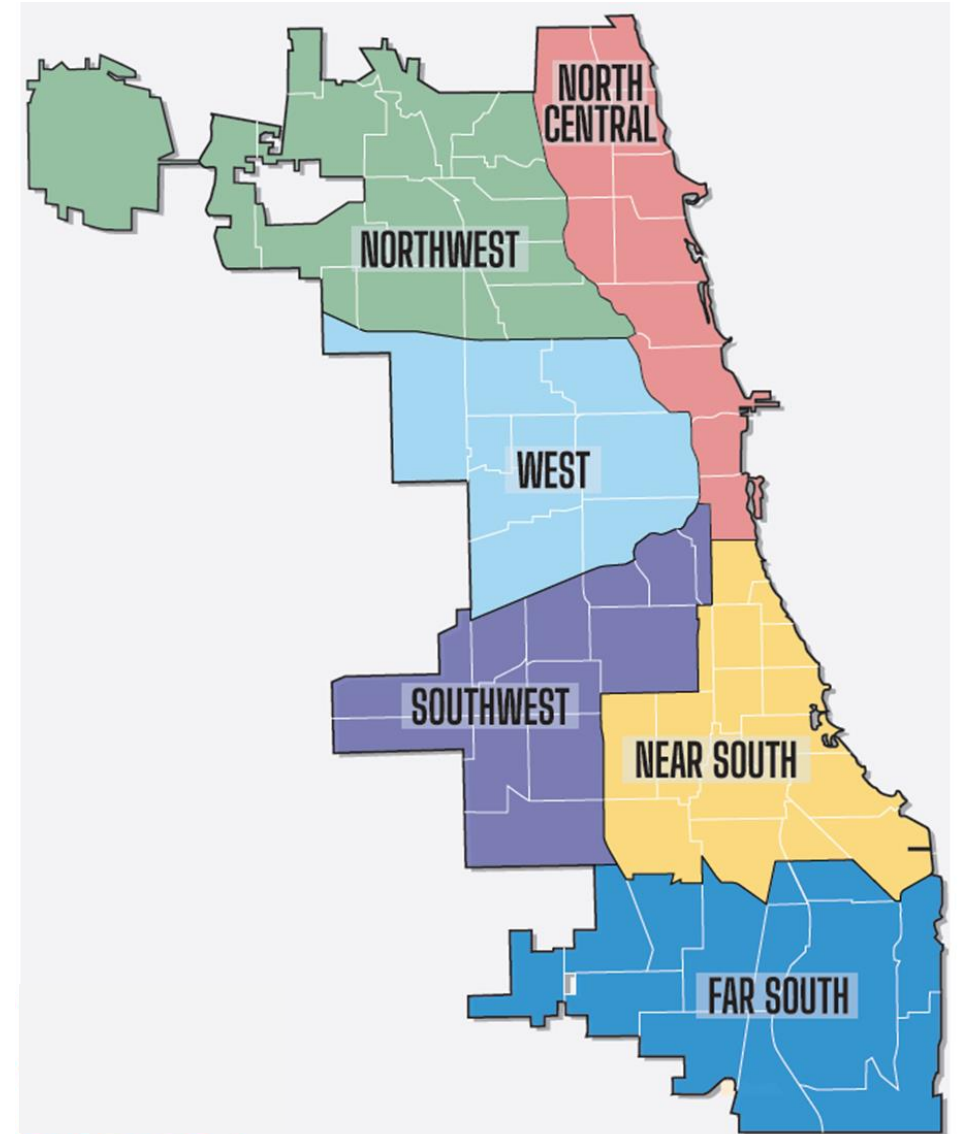
- **Friday, November 19, 2021**

- CPS CIMPAN Mobile Event – Jordan ES 10am-12pm
- CPS CIMPAN Mobile Event – McCutcheon ES 10am-12pm
- Rohingya Cultural Center Community Event 12pm-7pm
- After School Matters Fall Clinic 3pm-6pm
- GAP Community Food Pantry 9am-1pm
- CPS CIMPAN Mobile Event – Burbank ES 10am-12pm
- Erie Elementary Charter School 2pm-6pm
- Family Vaccine Clinic: Arturo Velasquez Institute 9am-12pm
- CPS Regional Site: Richards High School 9am-1pm
- CPS CIMPAN Mobile Event – Bouchet ES 10am-12pm
- CPS CIMPAN Mobile Event – Parkside ES 10am-12pm
- McDonald's 11am-3pm
- CPS CIMPAN Mobile Event – Dearborn ES 10am-12pm



More vaccine events happening this weekend!

- **Saturday, November 20, 2021**
 - Bricktown Square 2pm-5pm
 - Health Is Wealth 8:30am-2pm
 - Breakthrough Food Pantry 9:30am-1pm
 - Instituto del Progreso Latino: Turkey Giveaway 10am-1pm
 - Women Clergy Collaborative 12pm-2pm
 - Family Vaccine Clinic: Arturo Velasquez Institute 9am-12pm
 - Feed a Teen Thanksgiving Dinner (11618 S Michigan Ave) 1-5pm
- **Sunday, November 21, 2021**
 - House of Many Blessings Thanksgiving Dinner 12pm-3pm
 - Buyer's Flea Market 9am-4pm
 - Swap-O-Rama 10am-2pm





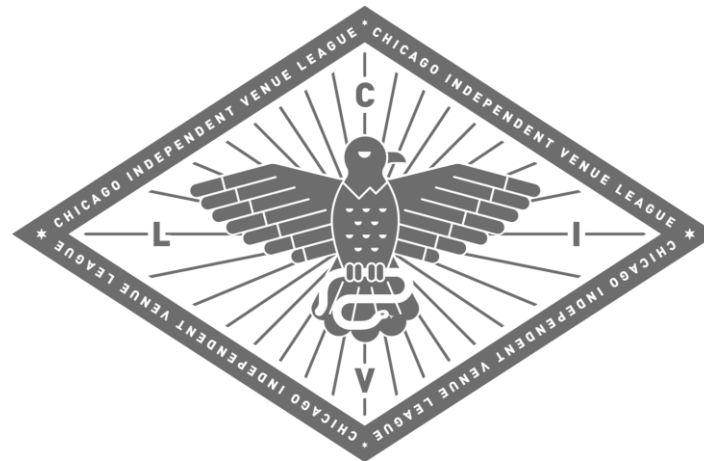
One-Day Only Pediatric COVID-19 Vaccine Clinics hosted by select Walgreens locations **this Saturday, November 20!**

- Appointments are required, no walk-ins will be accepted.
- COVID-19 vaccine will be provided at no cost. Parent or legal guardian must be present for child to be vaccinated.
- 9:30-4pm at all locations
 - 5140 W. Diversey Ave, Chicago, IL 60639 (Belmont Cragin)
 - 3401 W. Roosevelt Rd, Chicago, IL 60624 (North Lawndale)
 - 3045 W. 26th St, Chicago, IL 60623 (Little Village)
 - 5222 W. Madison St, Chicago, IL 60644 (Austin)
 - 1546 N. Central Ave, Chicago, IL 60651 (Austin)
 - 11 E. 75th St, Chicago, IL 60619 (Greater Grand Crossing)
 - 2015 E. 79th St, Chicago, IL 60649 (South Chicago)
 - 1616 E. 87th St, Chicago, IL 60617 (Avalon Park)

Walgreens

★ Looking for a safe space to enjoy live entertainment? Visit VaxOnlyChicago.com

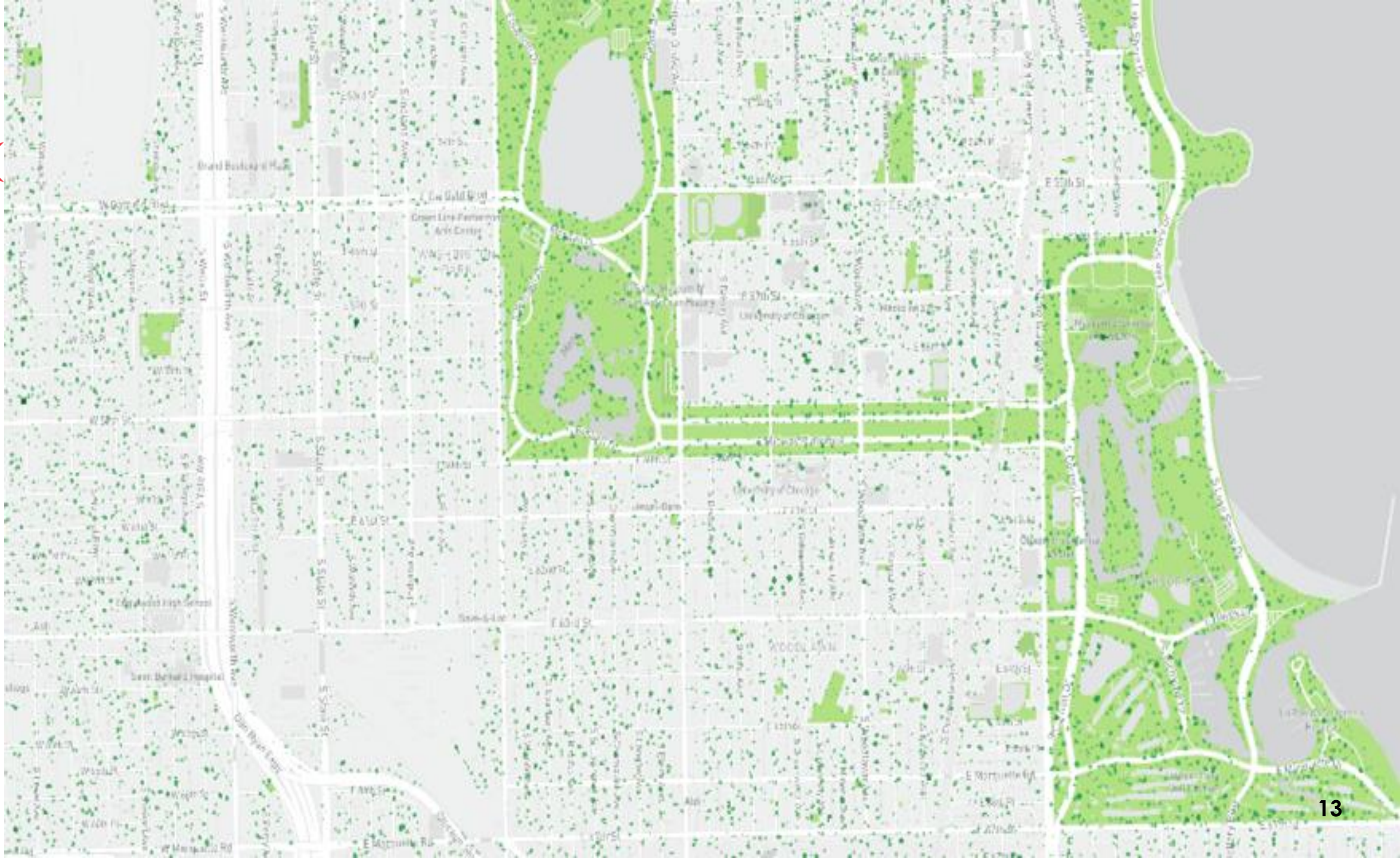
- Sponsored by the Chicago Independent Venue League
- This site lists Chicago venues that require proof of vaccination for entry, for the safety of their staff, patrons, and performers
 - Annoyance Theater and Bar
 - Beat Kitchen
 - Berlin
 - Chicago Magic Lounge
 - Chop Shop
 - Cobra Lounge
 - **And many, many more!**





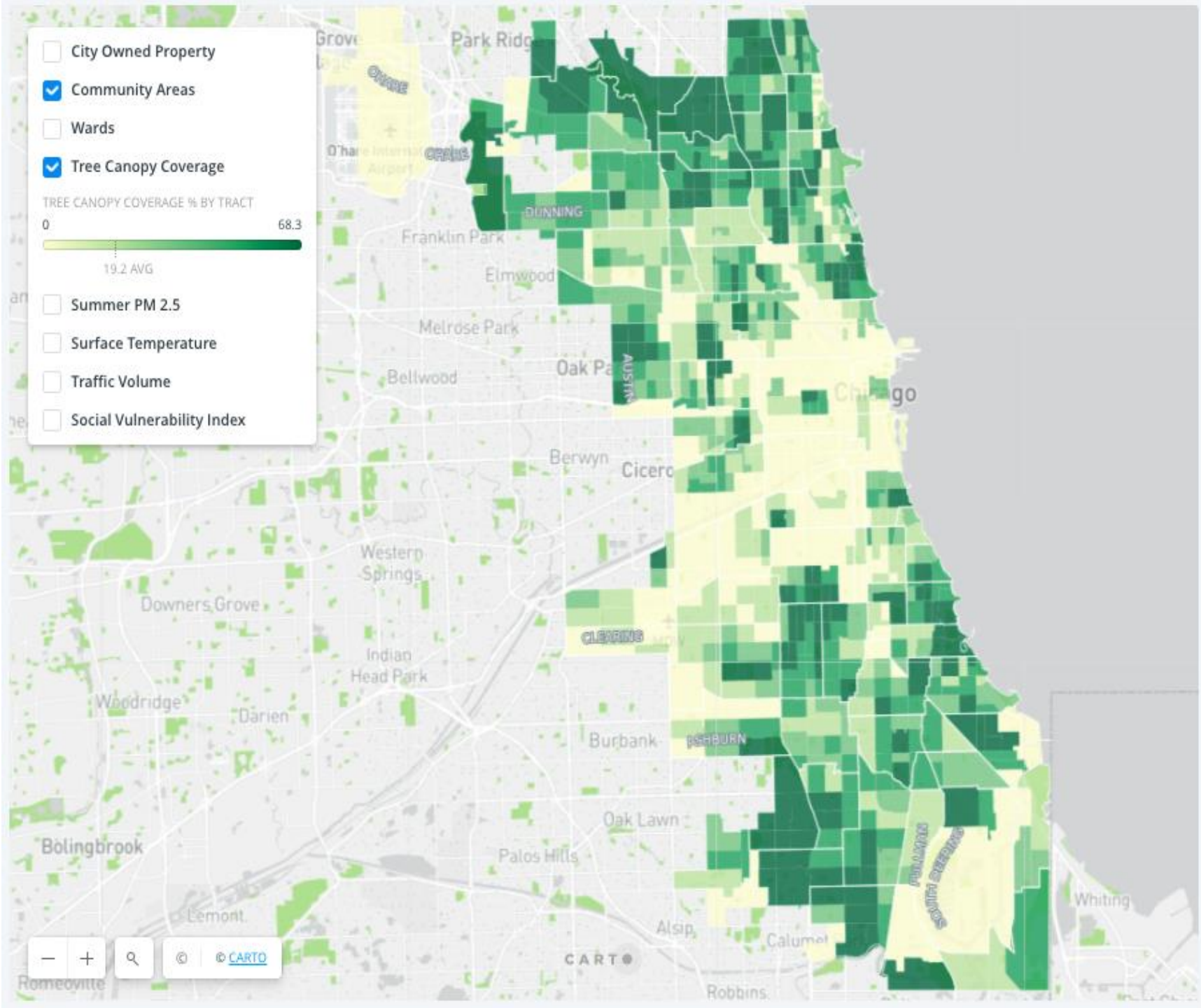
Community Tree Equity Tool

Raed Mansour, Director of Innovation, CDPH



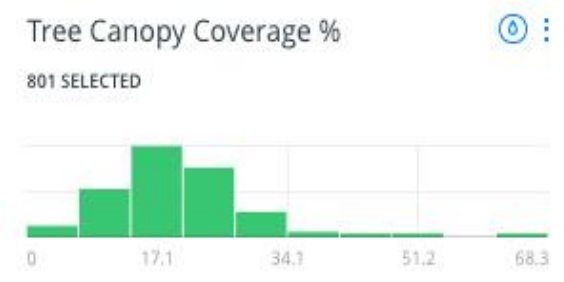


- City Owned Property
 - Community Areas
 - Wards
 - Tree Canopy Coverage
- TREE CANOPY COVERAGE % BY TRACT
- 0 68.3
- 19.2 AVG
- Summer PM 2.5
 - Surface Temperature
 - Traffic Volume
 - Social Vulnerability Index



Population
2,741,193

Trees
1,710,860



Community

ALL SELECTED

LAKE VIEW	34
WEST TOWN	31
LOGAN SQUARE	27
AUSTIN	24
LINCOLN PARK	20
OTHER	665

[SEARCH IN 77 CATEGORIES](#)



Community Tree Equity Data*

LAND USE BASE MAP

Green Infrastructure

- Location & Size of Individual Trees (CRTI)
- Parks, Forest Preserves, Lakes, Rivers

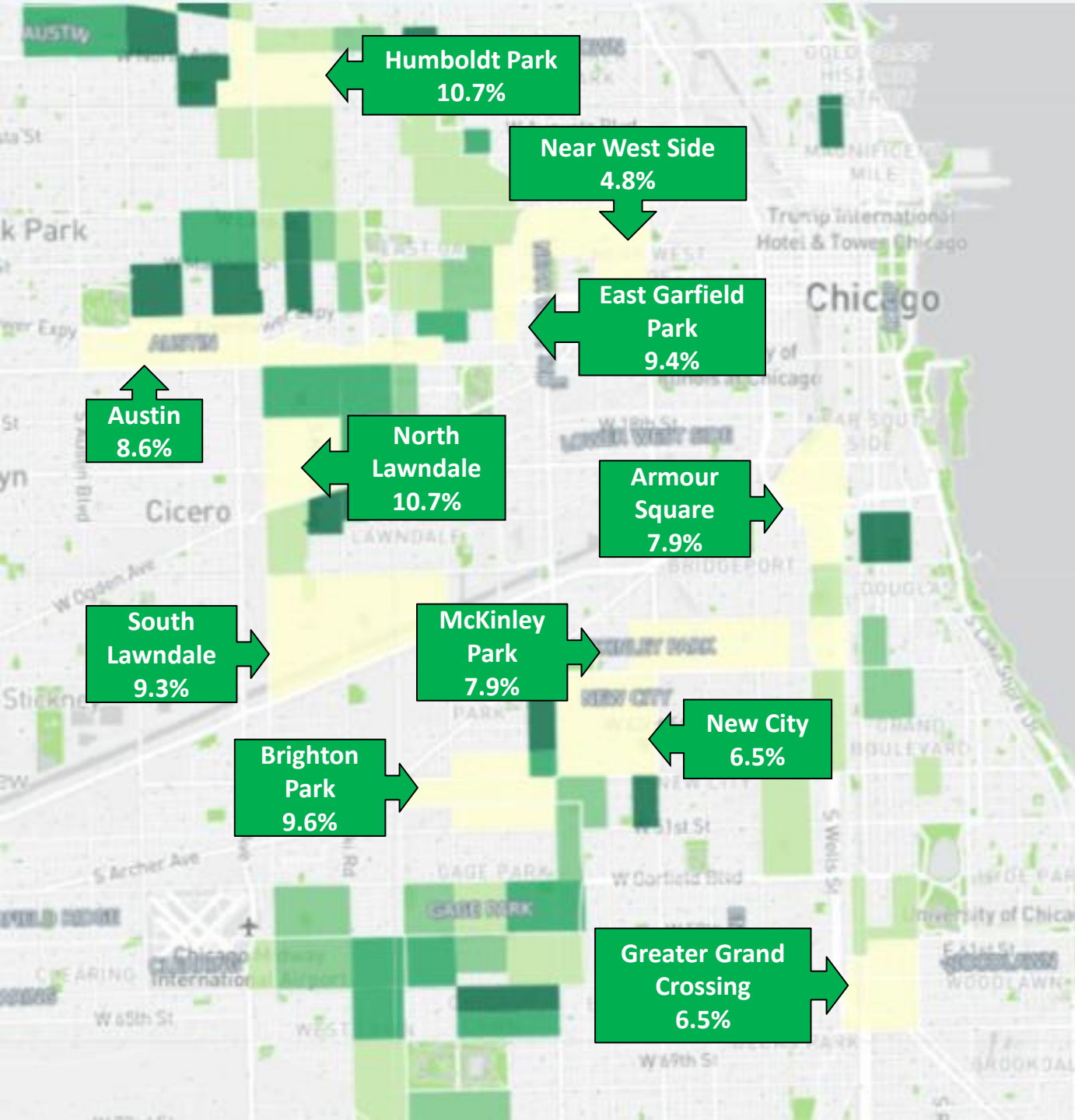
LAYERS

- City Owned Properties (DPD)
- Tree Canopy Coverage (CRTI)
- City Boundaries: Census Tracts, Communities & Wards
- Traffic Volume (IDOT)
- Flooding Susceptibility (CMAP)

Gray Infrastructure

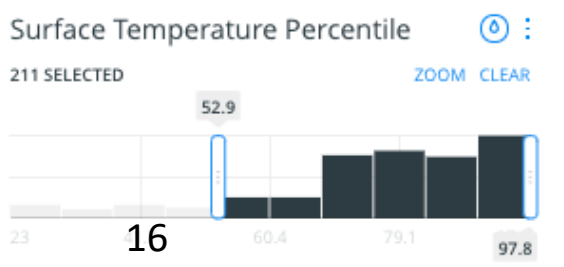
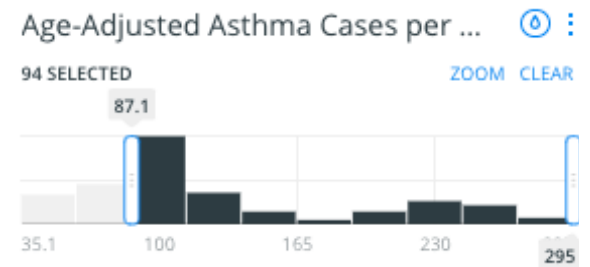
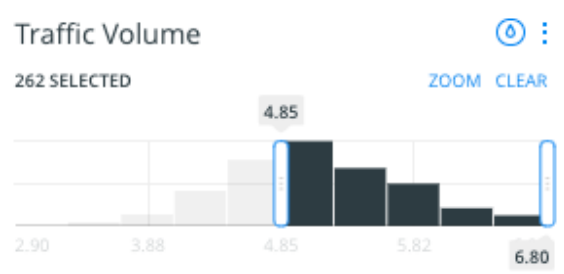
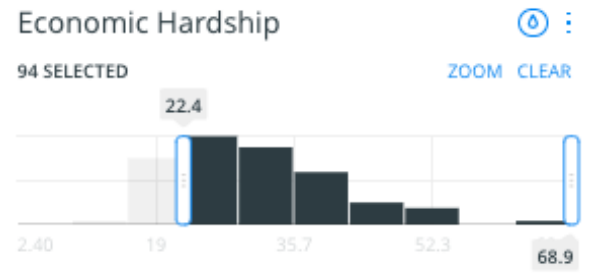
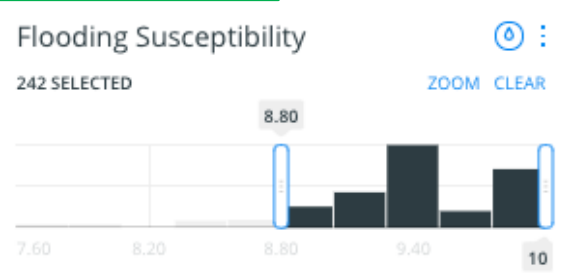
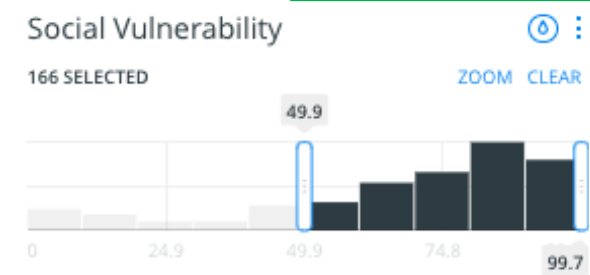
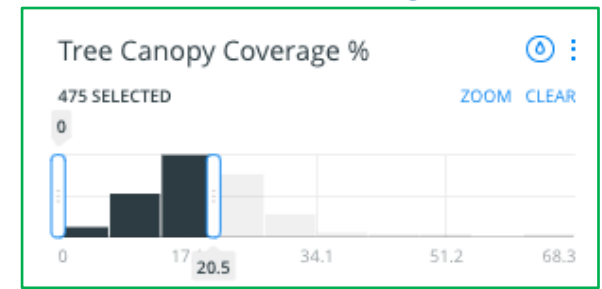
- Building Footprints, Streets
- Surface Temperature (NASA)
- Novel Summer PM2.5 Estimate (UC/CDPH, EPA, NASA, USGS, NOAA, etc.)
- Economic Hardship (CDPH)
- Social Vulnerability (CDC)
- Asthma-Related ED Visits (CDPH)

*All data sources are public and downloadable



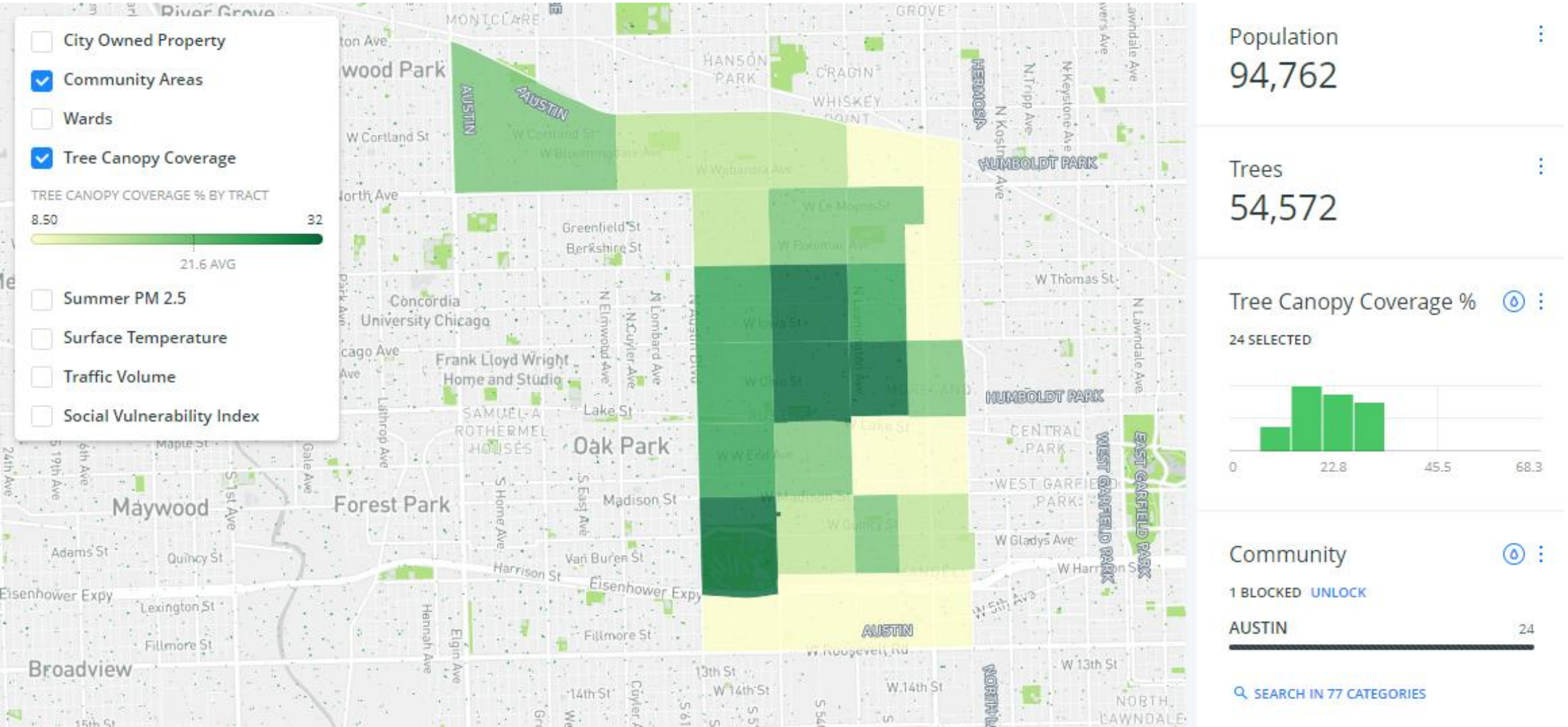
Tree Equity - City Use Case

Highest Ranges with Lowest Tree Canopy Coverage are where tree plantings may begin



★ Tree Equity - Austin Community Use Case

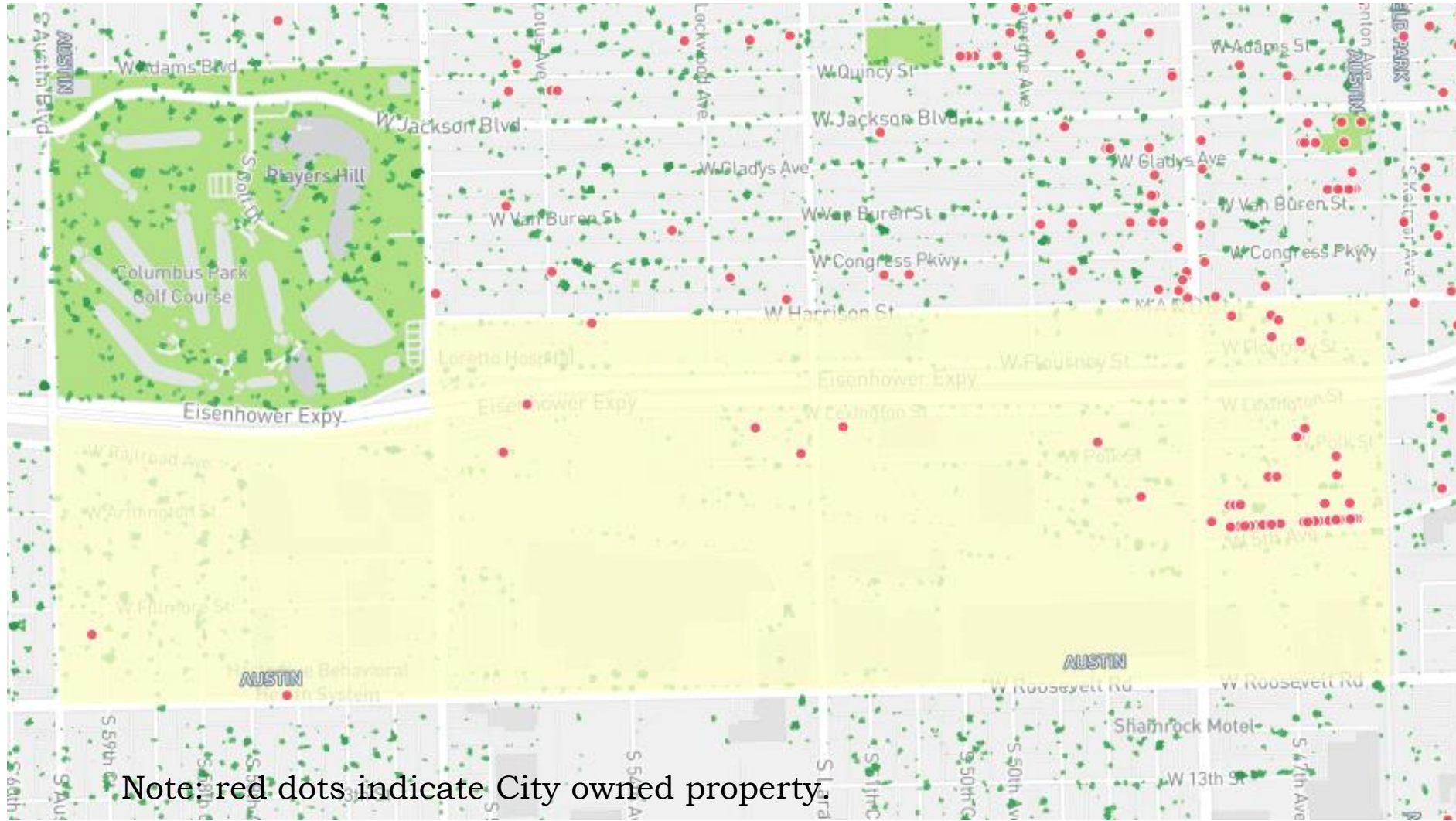
Looking at just trees, the Community varies in tree canopy coverage.





Tree Equity - Community Use Case

Prioritizing for highest PM2.5, asthma, heat, flooding, traffic, hardship & SVI & lowest tree canopy, an Austin census tract can be prioritized for tree plantings.



Note: red dots indicate City owned property.



Other Use Case Scenarios

WHERE CAN WE PLANT TREES TO...

... green socially vulnerable neighborhoods?

*We recommend use of the following data layers:
SVI, Vacant lots, Urban Heat Islands*

... facilitate healthier communities?

*We recommend use of the following data layers:
Asthma, SVI, PM 2.5, Traffic Volume*

... mitigate the impacts of climate change?

*We recommend use of the following data layers:
PM 2.5, Urban heat island, traffic volume*