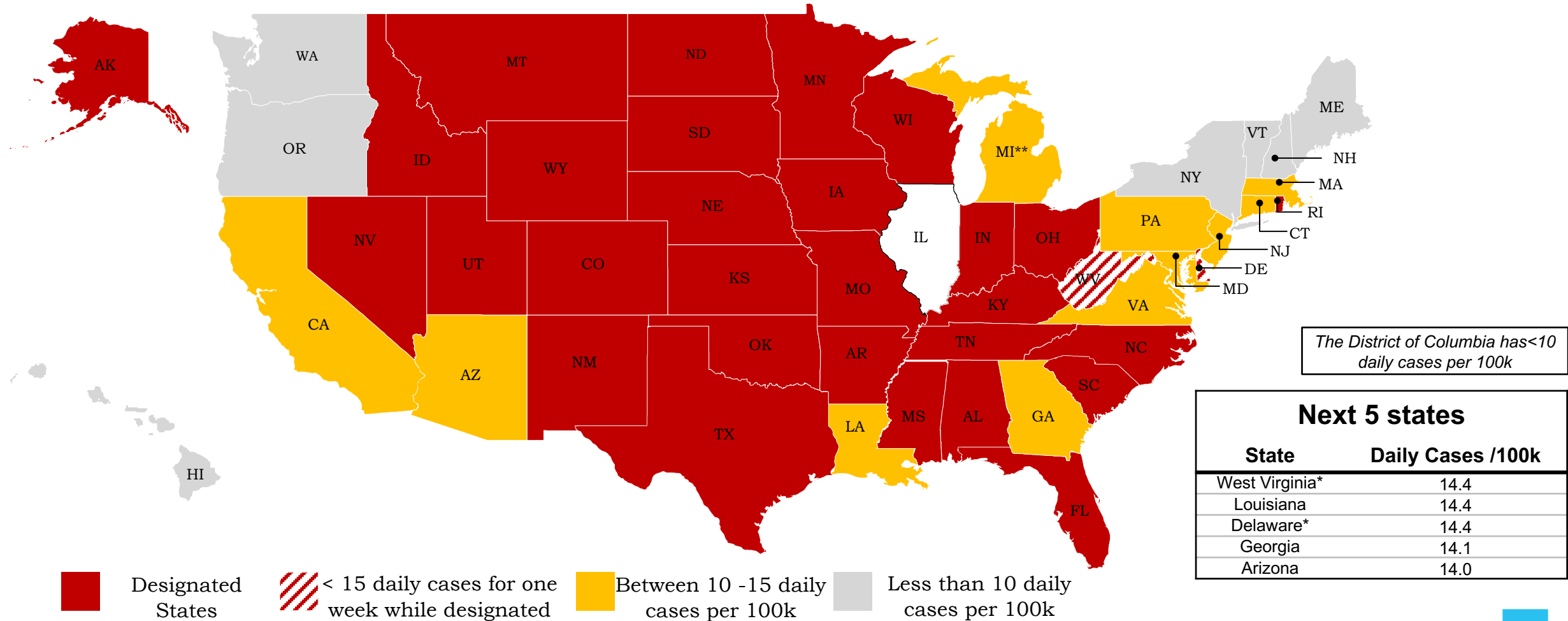


COVID-19 Data Update

October 27, 2020

As of 10/26, Chicago's travel order consists of 31 states and Puerto Rico.

Florida is added. **Michigan** is likely to be added next week.



Note: *This State was on the designated list and is now under 15 daily cases per 100k residents, if it stays below for another week, it will be taken off the list **Michigan is currently above the 15 avg. daily case per 100k resident threshold. Given the disruption that adding a neighboring state to the travel ordinance causes, Michigan will not be added to the travel ordinance until it records a second consecutive week above the threshold



**Average number of new
Chicago cases per day:**

798

**Test positivity, Citywide, Chicago
(per IDPH):**

7.8%

Chicago Reopening Metrics: Stop

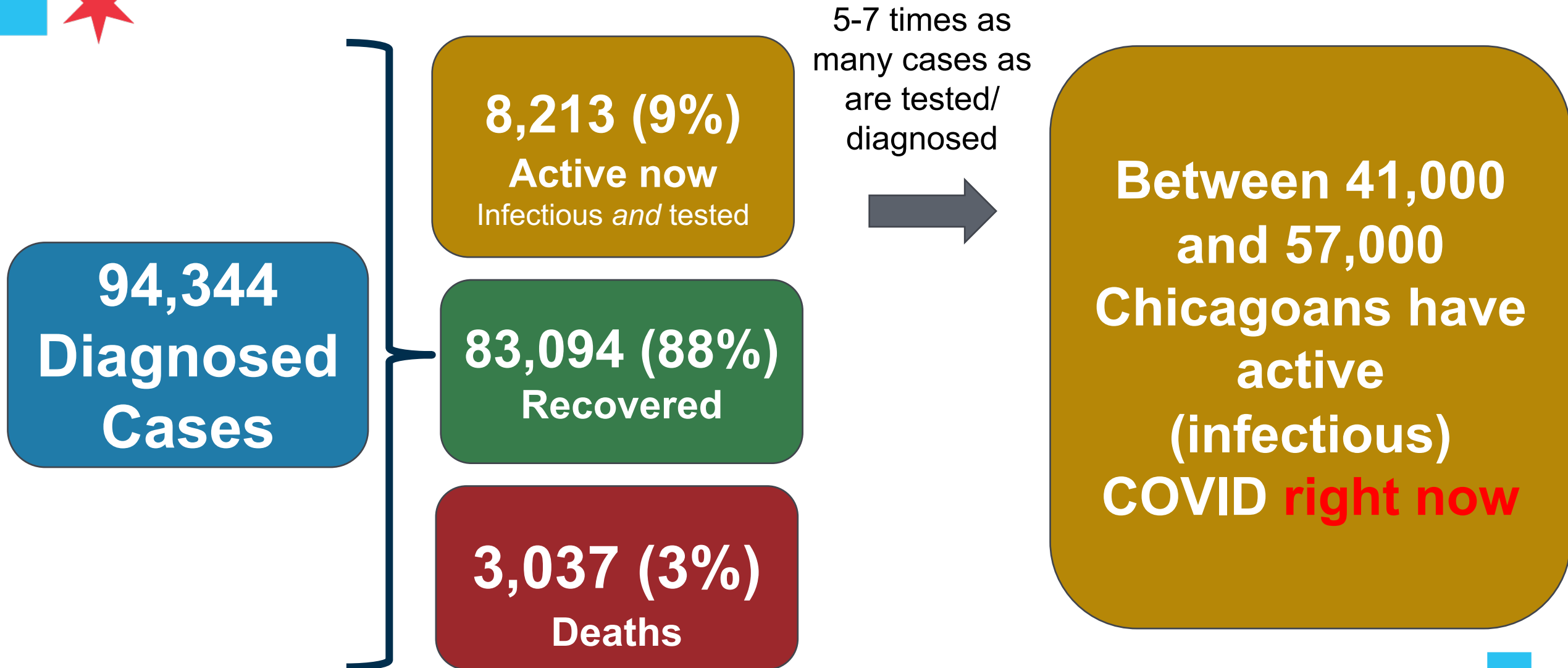


7-day rolling daily average	Stop: May need to pull back	Caution: Pause and monitor	Go: Cautious progress	Go: Continued progress	Go: Advanced progress
Cases	Any sustained increase >14 days within the past 28 days	Increase 1-14 days in most recent 14-day period	Stable or decrease 1-13 days (w/o increase in most recent 14-day period)	Stable or decrease 14-28 days	Stable or decrease >28 days and/or sustained <200 new cases per day
Hospitalizations					
Deaths					
Emergency department visits					
Test positivity rate	>8%	>5% - 8%	>4 - 5%	3 - 4%	<3%
Hospital system capacity (occupied by COVID patients)	>1280 non-ICU >480 ICU beds >360 ventilators	>1000 non-ICU >400 ICU beds >300 ventilators	<1000 non-ICU <400 ICU beds <300 ventilators	<div> <div><500 non-ICU <200 ICU beds <150 ventilators</div> <div><250 non-ICU <100 ICU beds <75 ventilators</div> </div>	

Severe Warning: Cases are still growing at the **same rate** now as in the first wave: March 19-31. Doubling time at **9 days**.



Estimated Active and Recovered COVID-19 Cases, Chicago



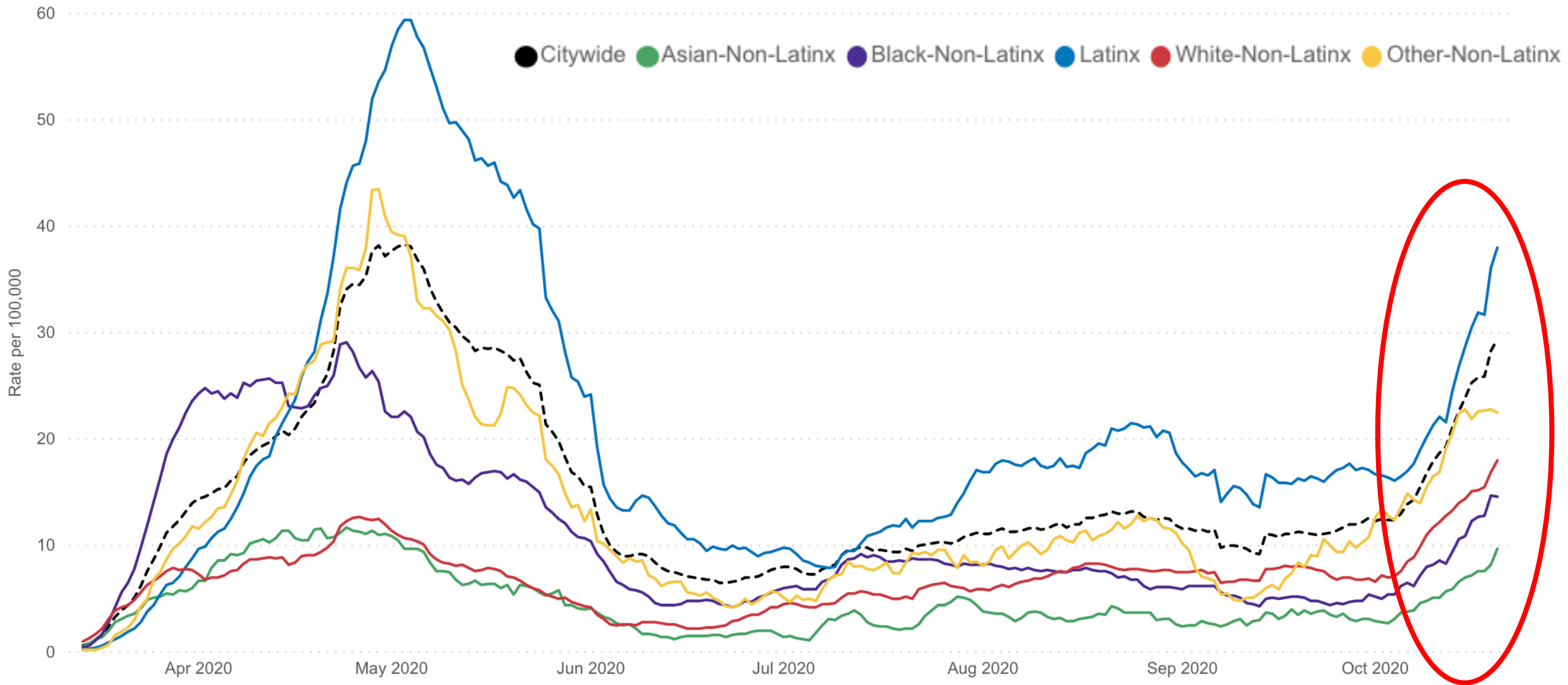


~1 in 250 Chicagoans infected *and diagnosed* within the last three weeks

~ 1 in 50 Chicagoans infected (including those not diagnosed) in this same time period

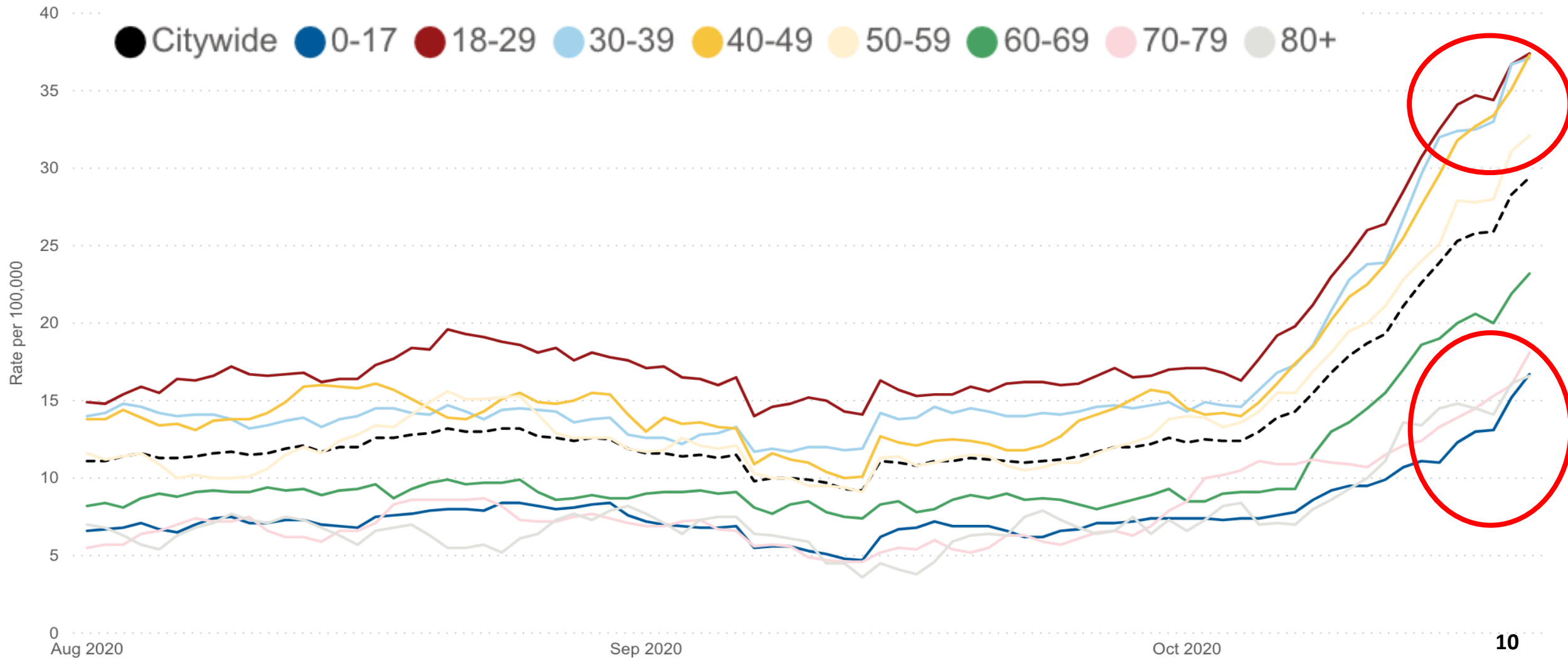
Severe Warning: Chicago COVID-19 cases have continued to dramatically increase across ALL race-ethnicity groups

- Cases remain disproportionately among Latinx Chicagoans
- Highest rates of pandemic to date for White non-Latinx Chicagoans

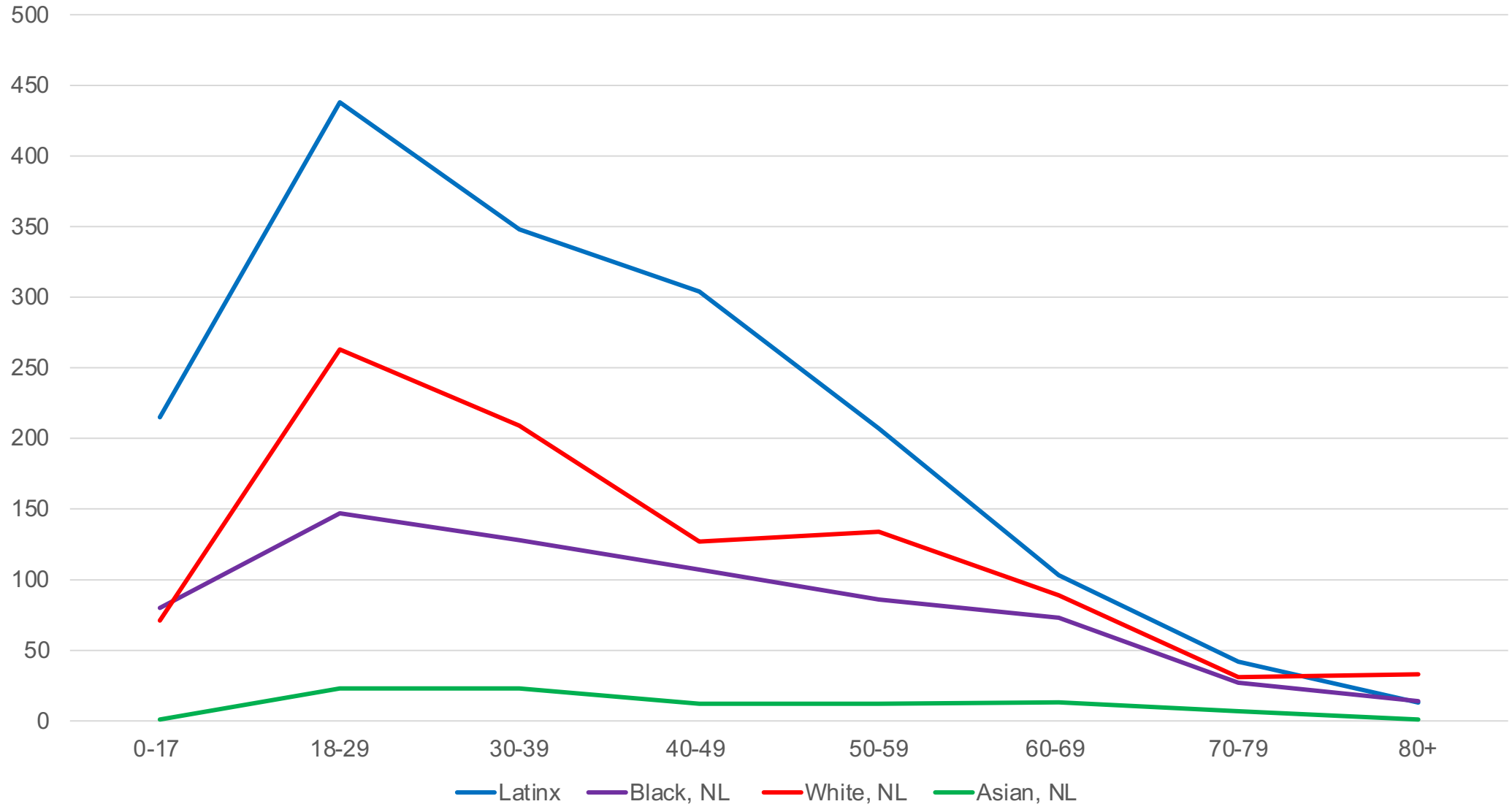


Severe Warning: Chicago cases have continued to dramatically increase across all age groups, *including among older Chicagoans (>60).*

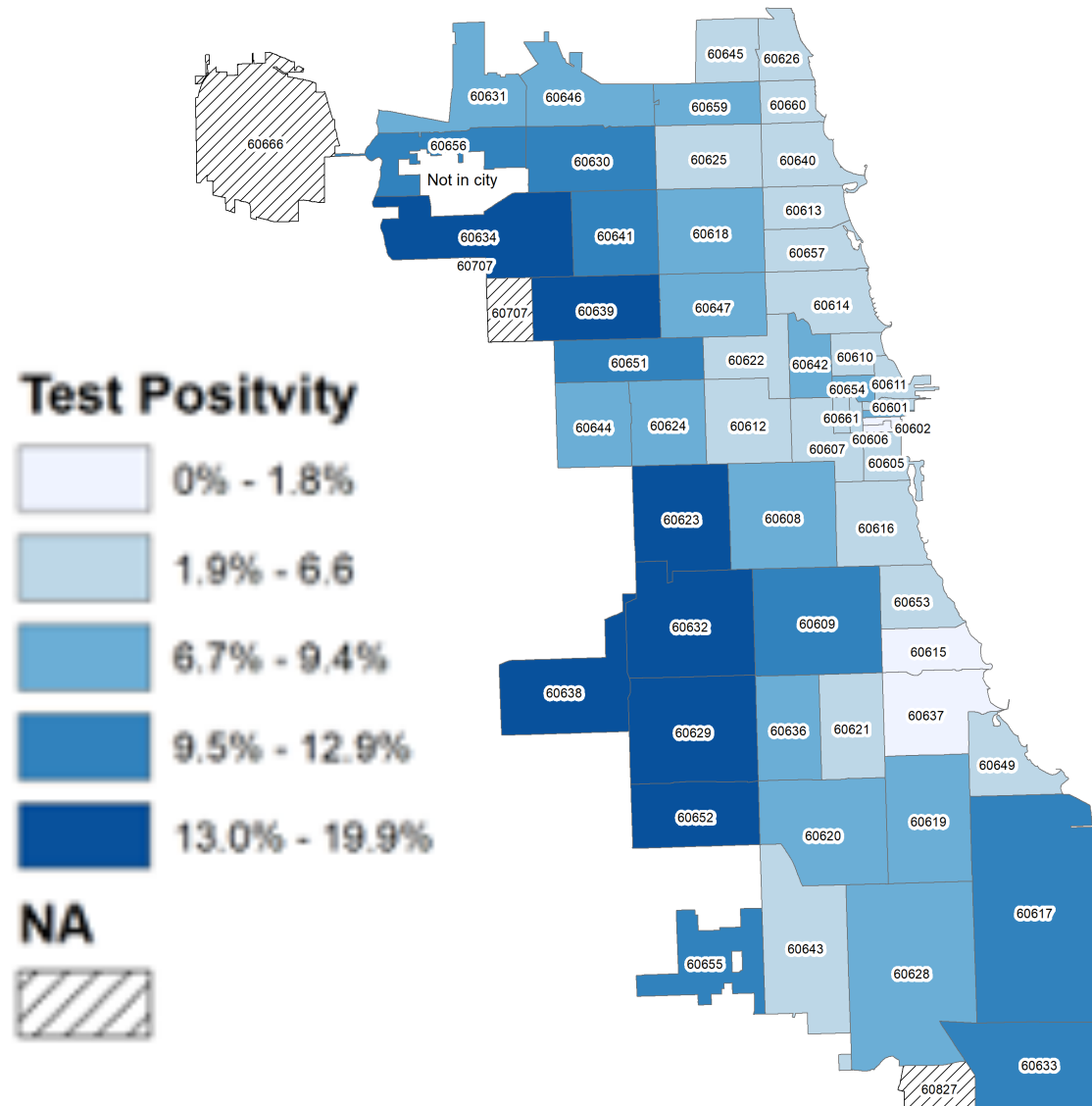
Rates in age 30-39 and 40-49 now matching the highest rates in 18-29



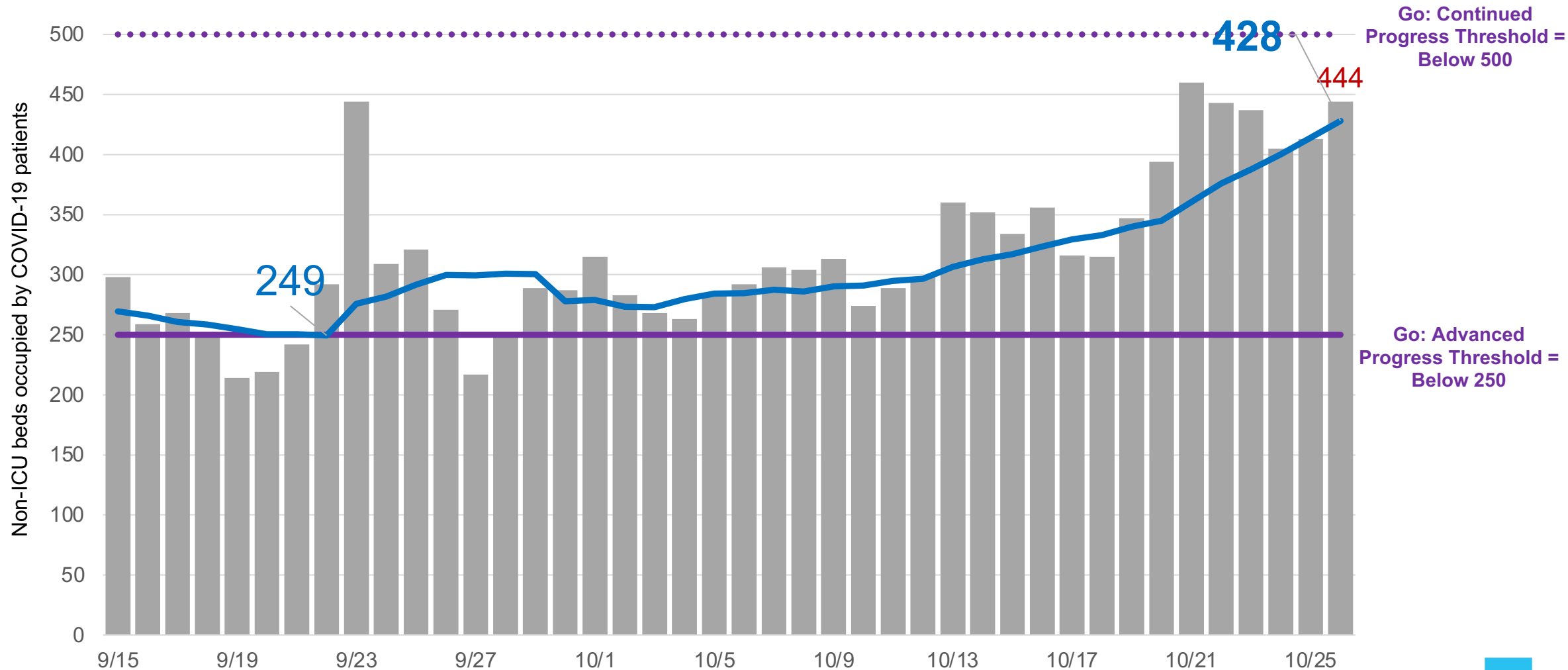
Diagnosed Cases by Race-Ethnicity and Age, last week, Chicago



Test Positivity by Zip Code, week ending October 24



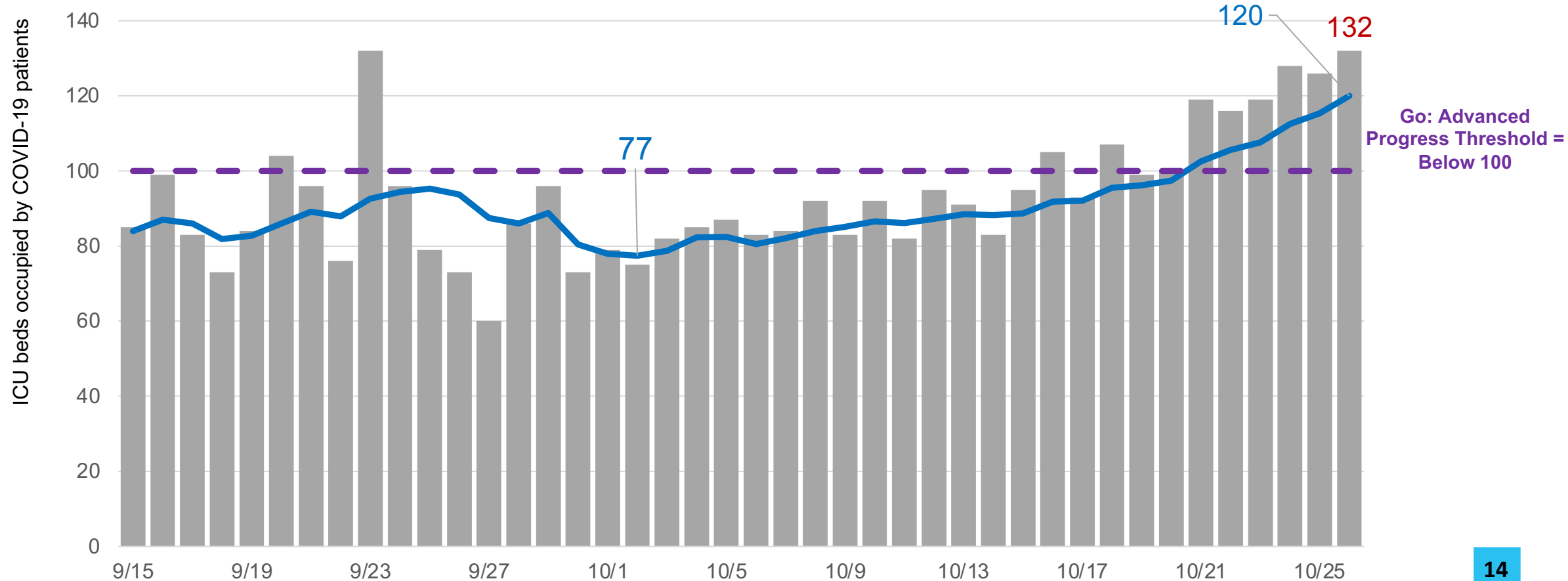
Warning: Non-ICU hospital bed occupancy from COVID-19 has increased 72% since September 22; surpassed 250-bed threshold



Warning: ICU occupancy from COVID-19 increased 56% since October 1; surpassed 100 ICU bed threshold



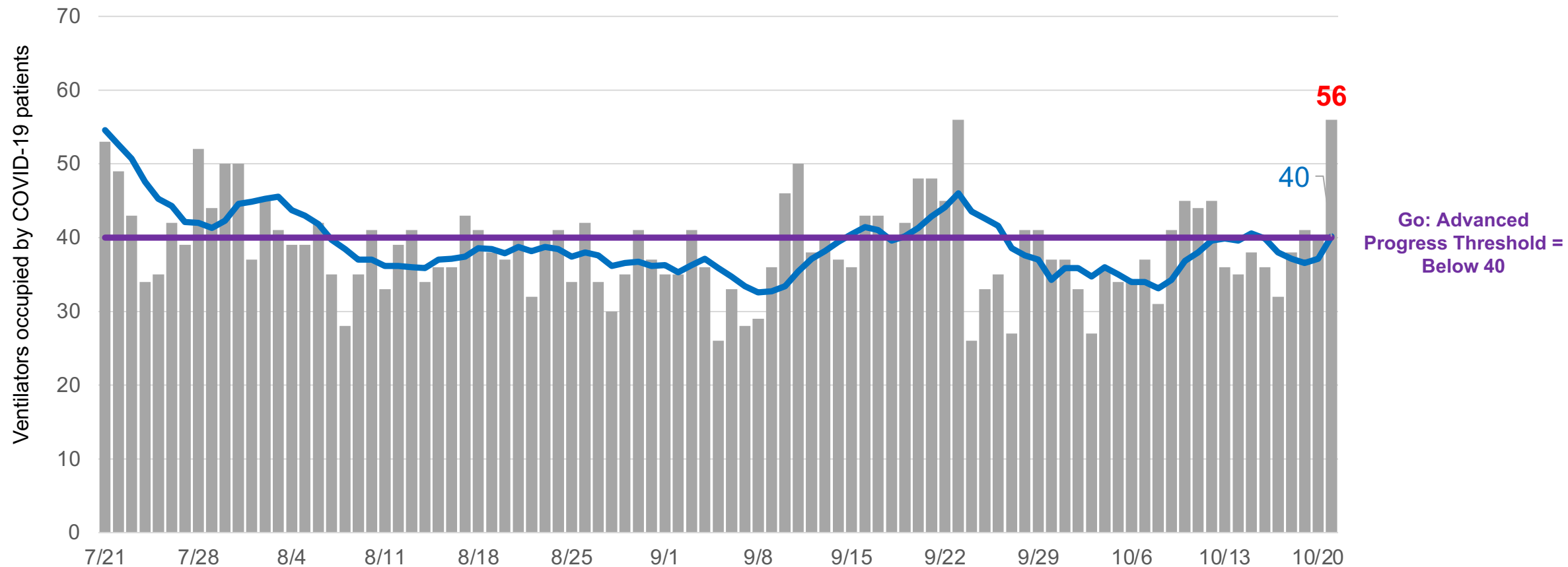
Chicago Peak (7-day average):
501 COVID-occupied ICU beds, April 30

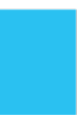


Ventilator utilization steady to date (lagging indicator).

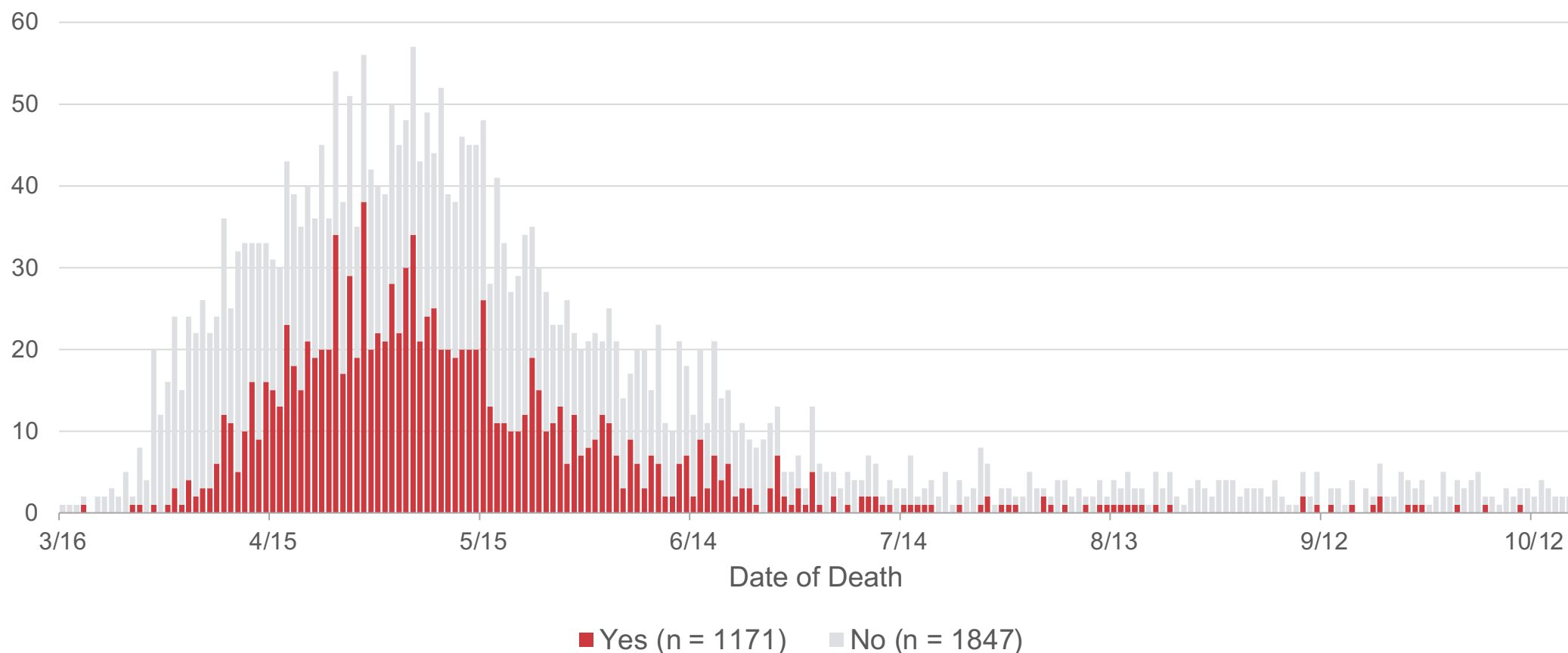


Chicago Peak (7-day average):
344 COVID-occupied ventilators, May 22





Confirmed COVID-19 Deaths among Chicago Residents by Association to a Known Outbreak





Centers for Disease Control and Prevention

MMWR

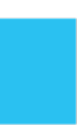
Morbidity and Mortality Weekly Report

Early Release / Vol. 69

October 27, 2020

COVID-19 Outbreak Among a University's Men's and Women's Soccer Teams — Chicago, Illinois, July–August 2020

Richard A. Teran, PhD^{1,2}; Isaac Ghinai, MBBS^{1,2}; Stephanie Gretsche, MPH²; Tracy Cable, MD³; Stephanie R. Black, MD²; Stefan J. Green, PhD³; Omar Perez, PhD³; George E. Chlipala, PhD³; Mark Maienschein-Cline, PhD³; Kevin J. Kunstman³; Susan C. Bleasdale, MD³; Marielle J. Fricchione, MD²



COVID-19 Outbreak – University Soccer Teams

- **CASES**

- 17 laboratory-confirmed COVID-19 cases among men's and women's soccer teams

- **POSSIBLE EXPOSURE**

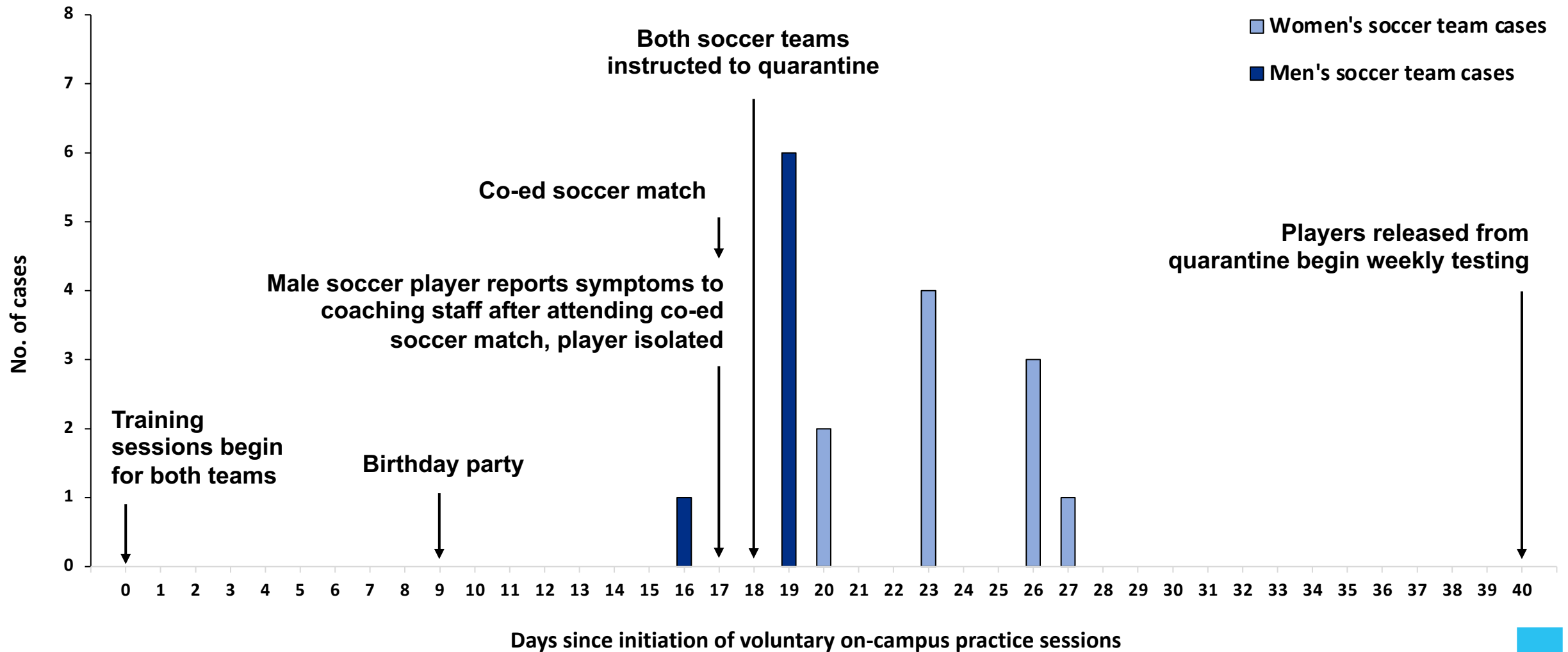
- 19 social gatherings reported, including a birthday party and co-ed soccer match
- Events attended by asymptomatic, pre-symptomatic, and mildly symptomatic students
- Minimal mask use and social distancing reported at social events

- **PUBLIC HEALTH RECOMMENDATIONS**

- Improve mask use and social distancing messaging to prevent COVID-19 on and off-campus
- Consider periodic repeat testing among groups at increased risk of infection



★ Outbreak Timeline





Social gatherings, parties, meetings all leading to outbreaks under investigation

- MANY small social gatherings
- Wedding at a restaurant/event venue: 18 cases (multiple jurisdictions)
- Halloween party at a daycare—outside but unmasked: 5 students, 2 staff, 1 parent...
- Women's conference at a church...multiple cases, investigation beginning
- 10+ cases at two skilled nursing facilities; two shelters; assisted living facility; convent/retirement home
- More individual cases at schools (including clusters of friends outside schools); more individual community-acquired cases on intake to correctional facilities; more cases in hospital/health staff
- More individual work-associated cases and outbreaks (e.g. food service company with 8 cases; metal manufacturing company with 12 confirmed, 5 suspect cases)

Thank You!



[Chicago.gov/Health](https://chicago.gov/Health)



HealthyChicago@cityofchicago.org



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[@ChiPublicHealth](https://twitter.com/ChiPublicHealth)