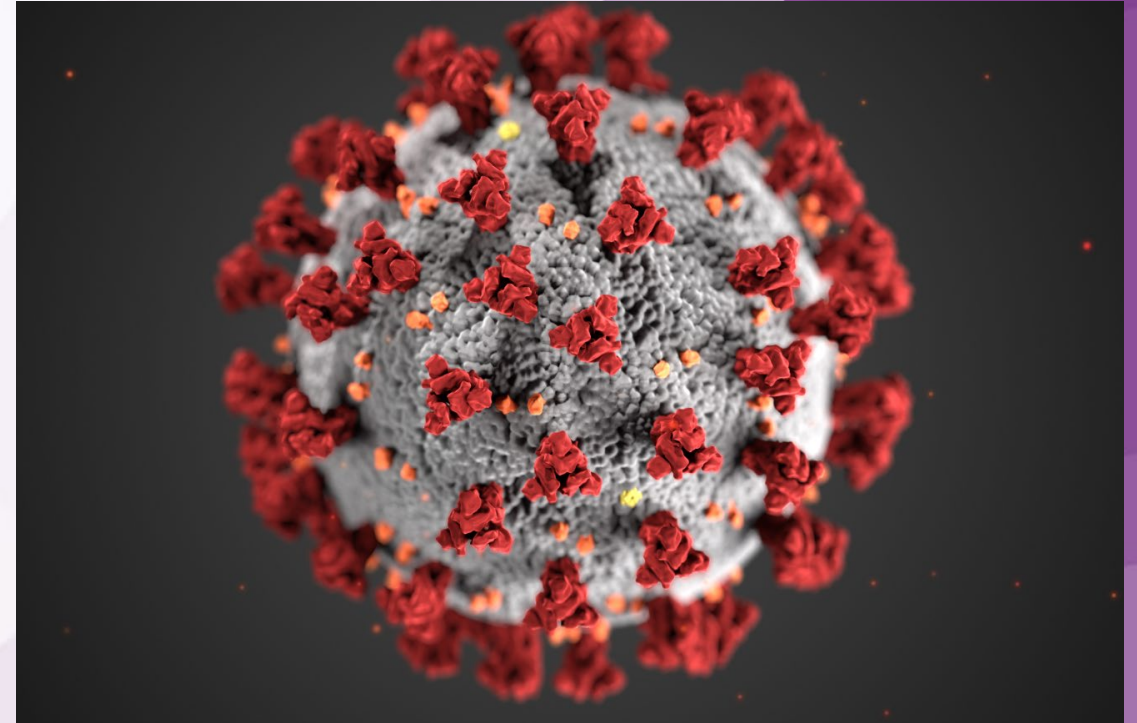




COVID 19 Update

Friday, February 12, 2021

Steven D. Hanks, MD MMM FACP FFSMB
Chief Clinical Officer



Update from the NY Times Treatment Tracker

We are following **24 coronavirus treatments** for effectiveness and safety:



FDA Approved: Remdesivir

Widely Used: Prone Positioning, Ventilatory/Respiratory Support

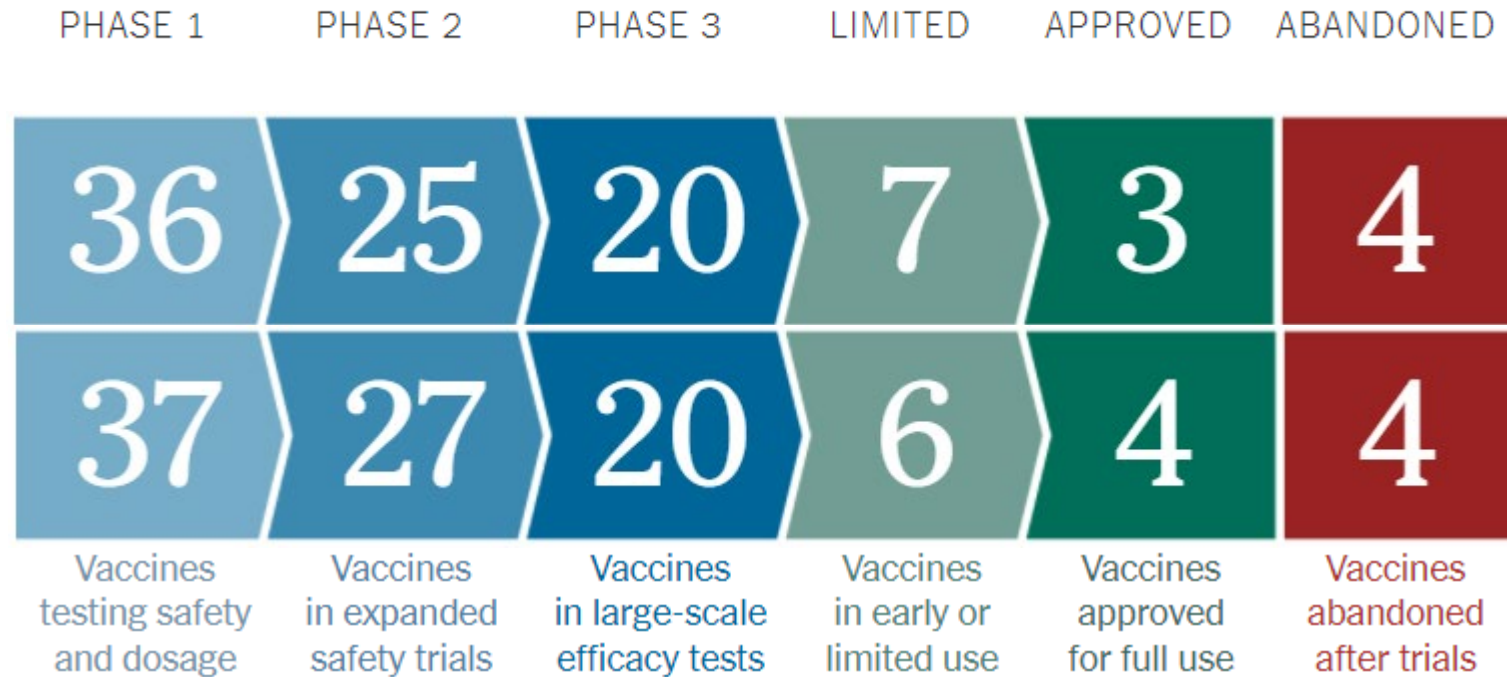
Promising Evidence: Dexamethasone/other steroids, cytokine inhibitors

Tentative/Mixed Evidence: Other experimental therapies, including monoclonal antibodies and convalescent plasma

Not promising: Lopinavir/ritonavir; hydroxychloroquine/chloroquine, azithromycin

Pseudoscience/Fraud: Drinking bleach/disinfectants; UV light; silver

Vaccine Progress



Thru February 3

Thru February 10

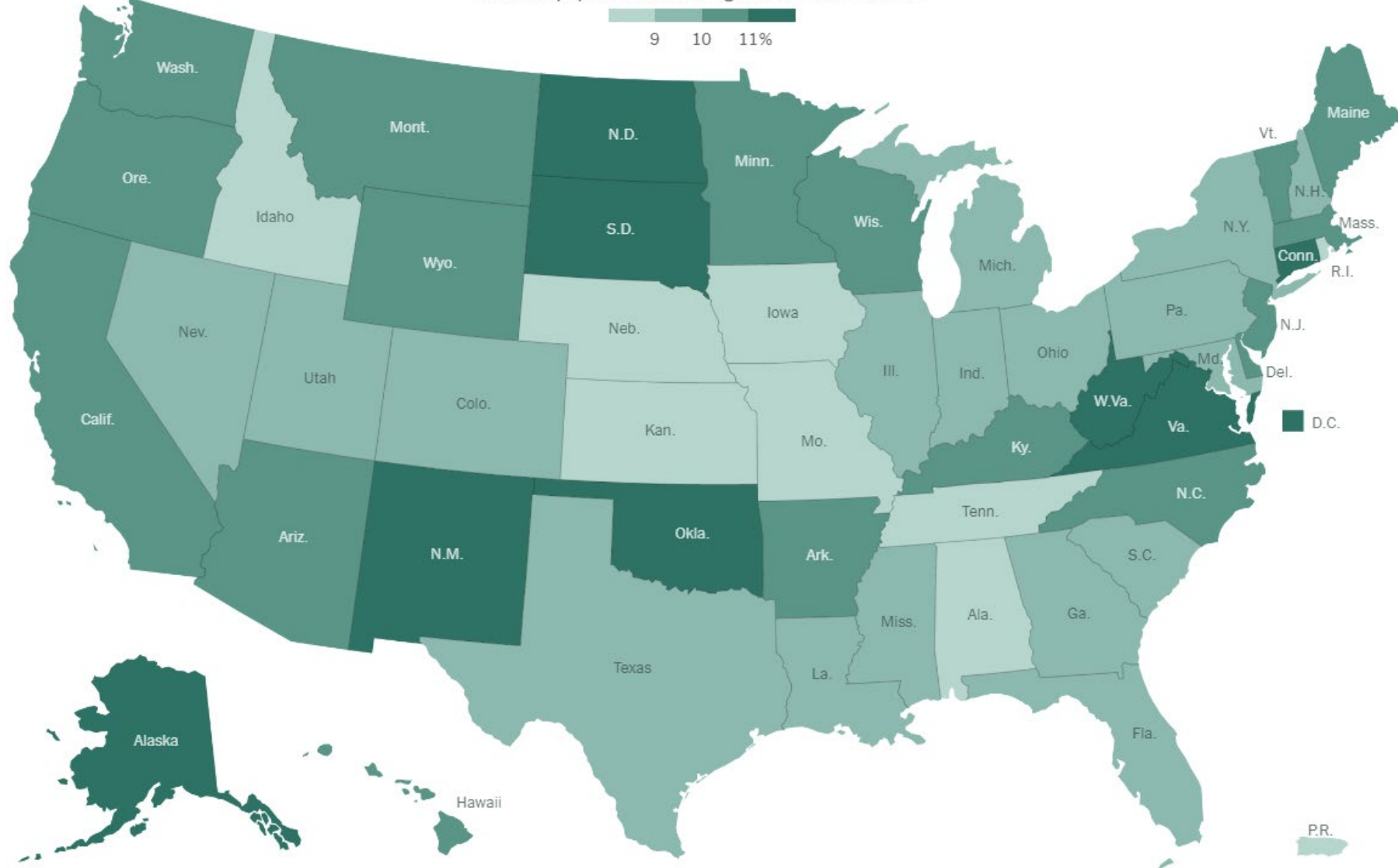
Recent Vaccine Updates

New additions and recent updates

- Feb. 10 A vaccine from Italy's **Takis** and **Rottapharm** enters Phase 1.
- Feb. 8 South Korea's **SK Bioscience** moves to Phase 1/2.
- Feb. 7 South Africa halts plans for a rollout of **AstraZeneca**'s vaccine.
- Feb. 7 A second vaccine from **Iran** enters Phase 1.
- Feb. 6 China gives conditional approval to the **Sinovac** vaccine.
- Feb. 6 New York-based **COVAXX** moves to Phase 2.
- Feb. 3 **Vaxart** stock plunges after a reported low antibody response.
- Feb. 3 Mexico authorizes Russia's **Sputnik V** vaccine.
- Feb. 2 Russia's **Sputnik V** vaccine has an efficacy of 91.6%.
- Feb. 2 Cuba's **Abdala** vaccine moves to Phase 2.
- Jan. 30 Hungary is the first E.U. country to authorize **Sinopharm**'s vaccine.
- Jan. 29 The E.U. authorizes the **Oxford-AstraZeneca** vaccine.
- Jan. 29 **Johnson & Johnson** reports lower efficacy data in South Africa.
- Jan. 28 **Novavax** reports lower efficacy data in South Africa.

Updated Feb. 11, 2021

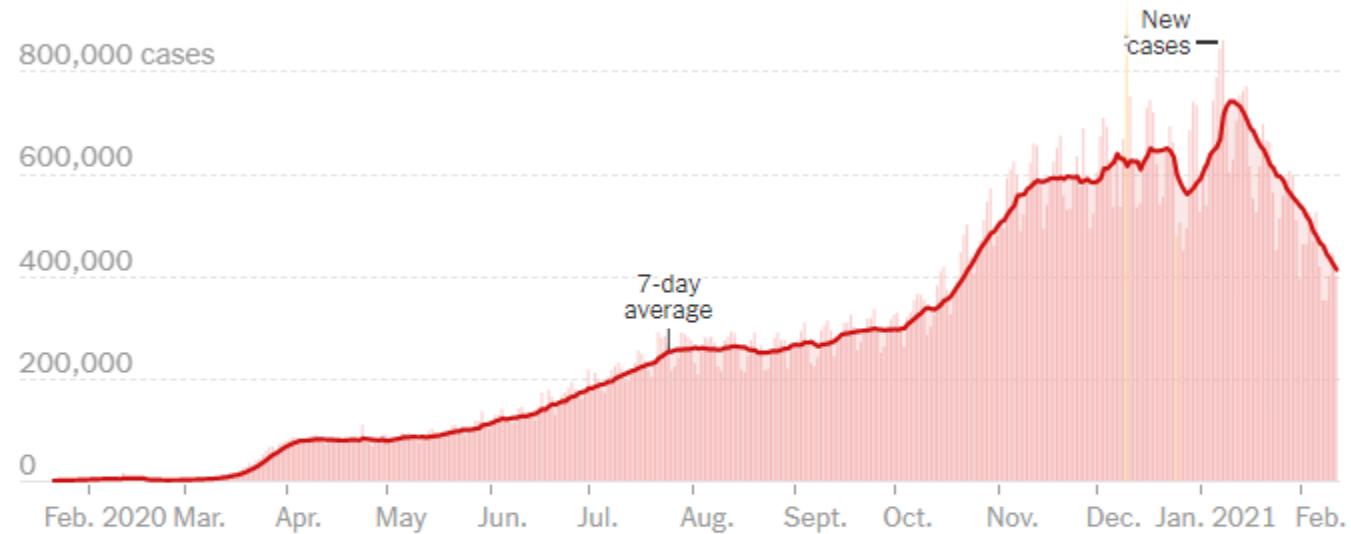
Share of population that has gotten at least one shot



Source: Centers for Disease Control and Prevention

World Status

Updated February 12, 2021, 7:44 A.M. E.T.



	TOTAL REPORTED	ON FEB. 11	14-DAY CHANGE
Cases	107.8 million+	396,594	-27% →
Deaths	2.3 million+	11,468	-16% →

■ Day with reporting anomaly. 14-day change trends use 7-day averages.

United States Status

Updated February 12, 2021, 7:44 A.M. E.T.

[Leer en español](#)



	TOTAL REPORTED	ON FEB. 11	14-DAY CHANGE
Cases	27.4 million+	105,600	-36%
Deaths	475,224	3,878	-15%
Hospitalized		74,225	-27%

Day with reporting anomaly. Hospitalization data from the Covid Tracking Project; 14-day change trends use 7-day averages.

NATIONWIDE COVID-19 METRICS SINCE APRIL 1. 7-DAY AVERAGE LINES

Choose Census Region
(All) ▾

Daily Tests

Feb 11: 1.89M

Daily Cases

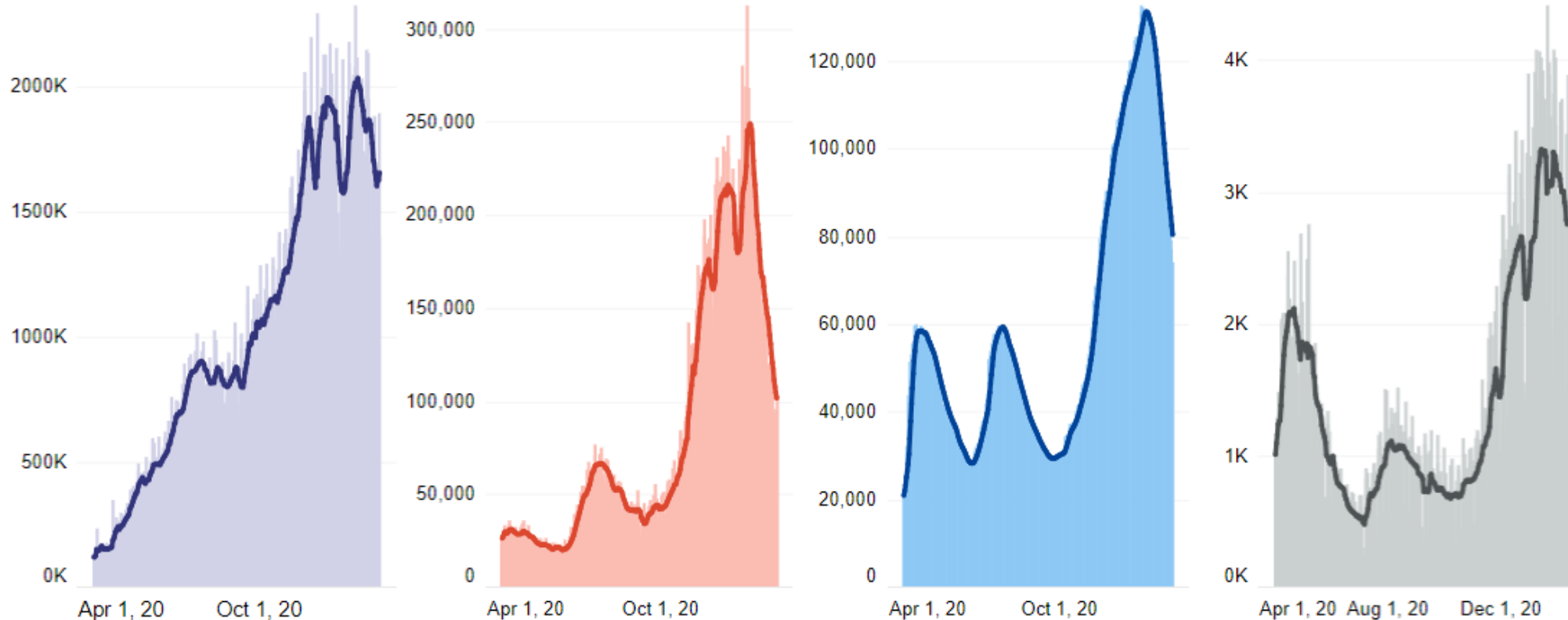
Feb 11: 103,024

Currently Hospitalized

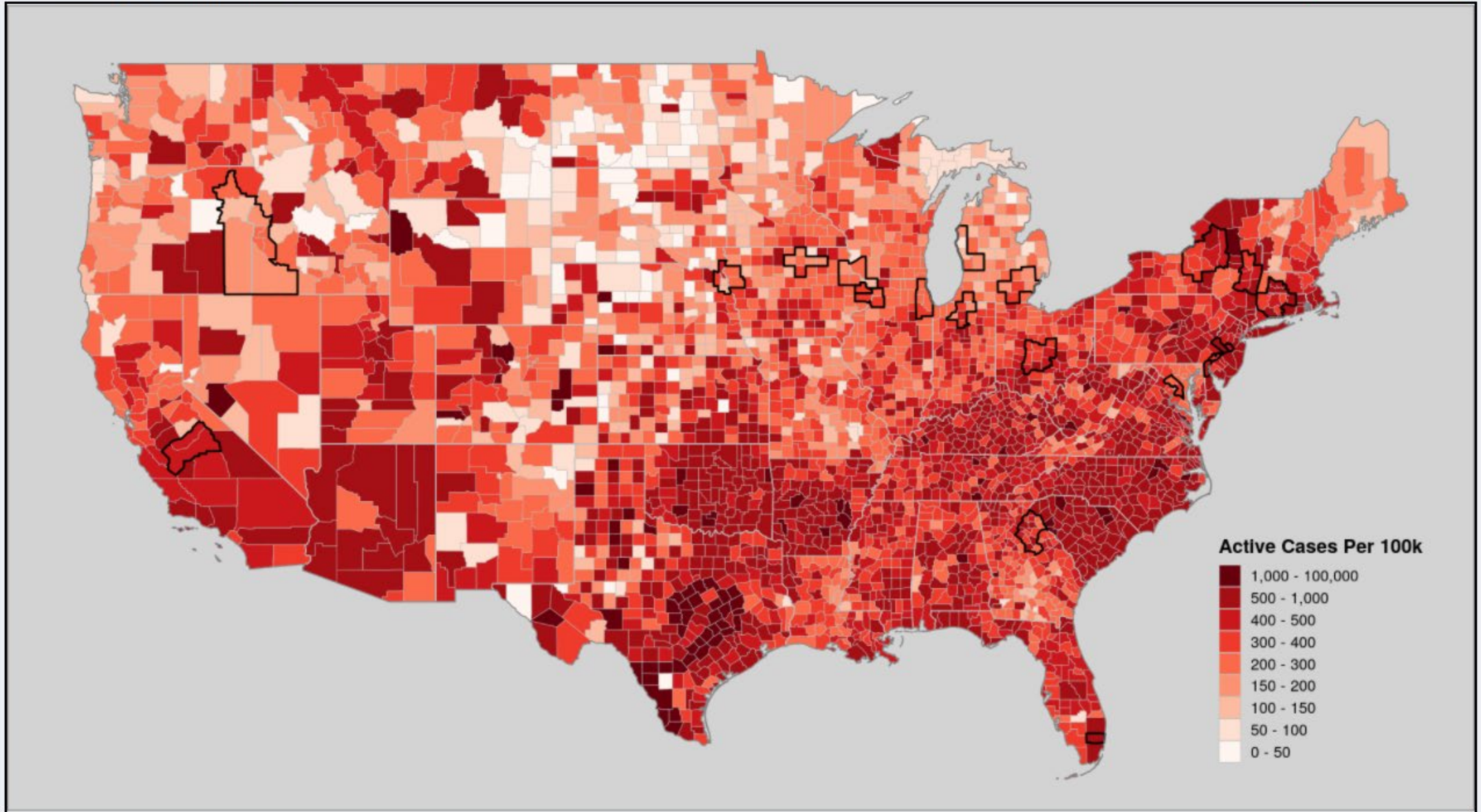
Feb 11: 74,225

Daily Deaths

Feb 11: 3,885



<https://covidtracking.com/data/charts/us-all-key-metrics>



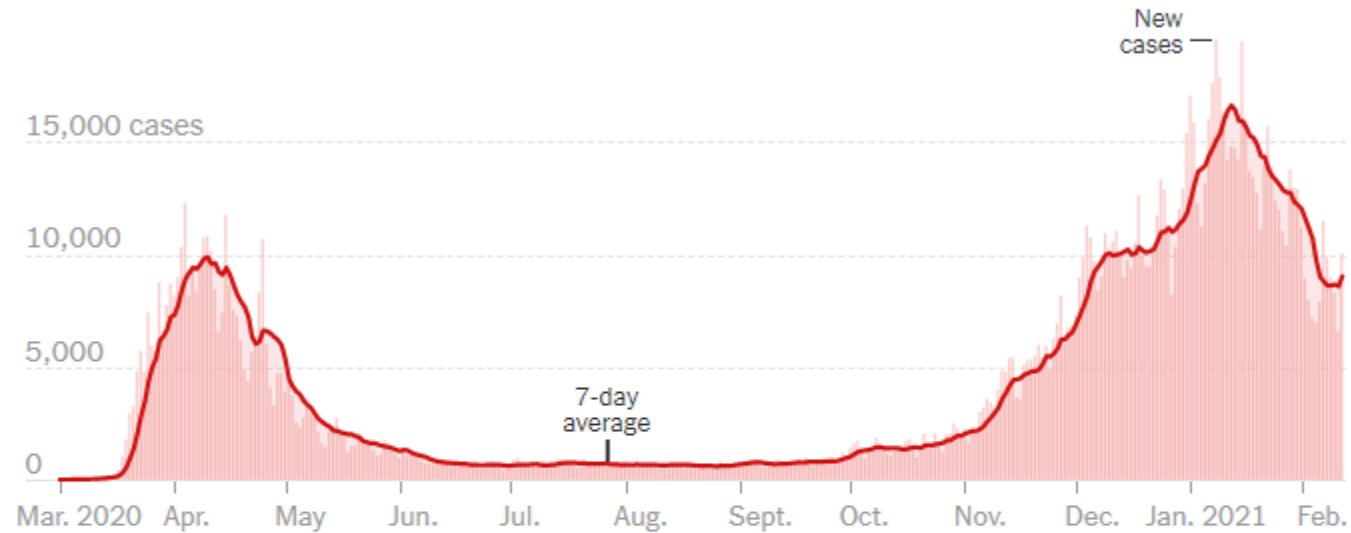
System Rt Report, February 11

RHM/Hospital	Risk level	Active cases per 100k	Current Rt	Rt projection	Rt 7 days ago	Rt 7 day trend
Holy Cross Hospital (FL)	Moderate Risk	597	0.96	Decay	0.97	Stable
Trinity Health Mid-Atlantic St. Mary Medical Center (PA)	Moderate Risk	506	0.96	Decay	0.98	Stable
Trinity Health Of New England (CT/MA)	Moderate Risk	487	0.82	Decay	0.80	Stable
Trinity Health Mid-Atlantic Saint Francis Healthcare (DE)	Moderate Risk	478	0.92	Decay	0.83	Stable
Saint Agnes Medical Center (CA)	Moderate Risk	478	0.84	Decay	0.74	Stable
St. Mary's Health Care System (GA)	Moderate Risk	475	0.73	Decay	0.85	Stable
St. Peter's Health Partners (NY)	Moderate Risk	443	0.79	Decay	0.79	Stable
St. Francis Medical Center (NJ)	Moderate Risk	431	0.86	Decay	0.93	Stable
Mount Carmel Health System (OH)	Moderate Risk	368	0.77	Decay	0.81	Stable
MercyOne Health Services - Clinton (IA)	Moderate Risk	357	0.82	Decay	0.99	Improving
St. Joseph's Health (NY)	Moderate Risk	354	0.78	Decay	0.73	Stable
Trinity Health Mid-Atlantic - Mercy/Nazareth (PA)	Moderate Risk	322	0.89	Decay	0.89	Stable
Holy Cross Health (MD)	Moderate Risk	318	0.82	Decay	0.85	Stable
MercyOne Health Services - Dubuque (IA)	Watch	267	0.73	Decay	0.88	Improving
Saint Joseph Health System (IN)	Watch	267	0.89	Decay	0.86	Stable
Saint Alphonus Health System (OR/ID)	Watch	265	0.81	Decay	0.74	Stable
Loyola University Health System (IL)	Watch	254	0.82	Decay	0.84	Stable
Mercy Hospital & Medical Center (IL)	Watch	254	0.82	Decay	0.84	Stable
MercyOne Health Services - Sioux City (IA)	Watch	228	0.93	Decay	0.84	Stable
MercyOne Health Services - Mason City (IA)	Watch	227	0.79	Decay	0.73	Stable
Trinity Michigan - Saint Joseph Mercy Health System (MI)	Watch	187	0.83	Decay	0.89	Stable
Trinity Michigan - Mercy Health (MI)	Watch	180	0.77	Decay	0.85	Stable

	Improving	Worsening	Stable
This Week	2	0	20
Last Week	1	3	18

New York Status

Updated February 12, 2021, 7:44 A.M. E.T.



	TOTAL REPORTED	ON FEB. 11	14-DAY CHANGE
Cases	1.5 million+	10,011	-29% ↘
Deaths	44,992	141	-11% →
Hospitalized		7,342	-12% →

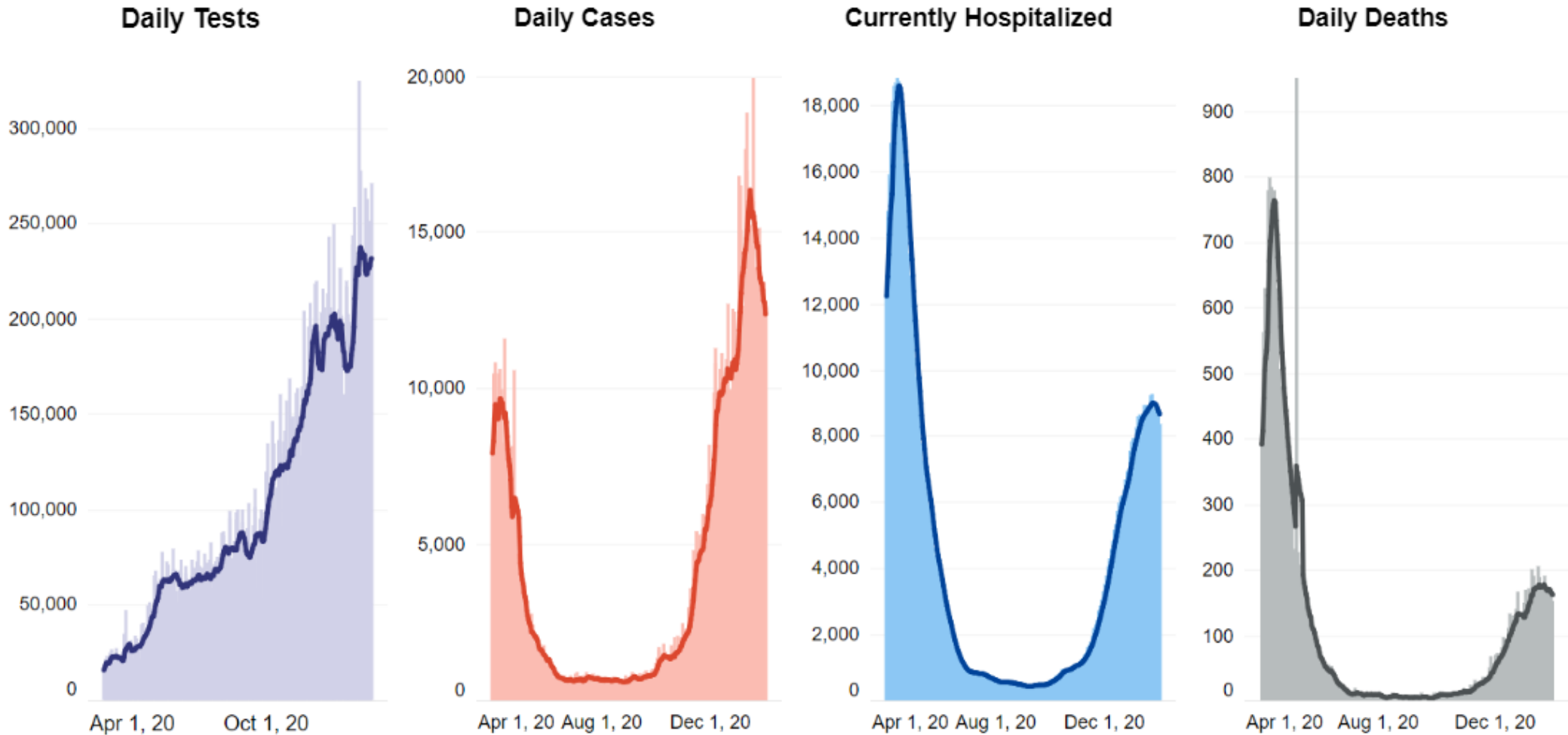
Hospitalization data from the Covid Tracking Project; 14-day change trends use 7-day averages.

New York COVID-19 METRICS SINCE APRIL 1. 7-DAY AVERAGE LINES

Choose State

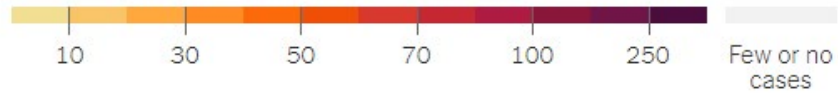


New York

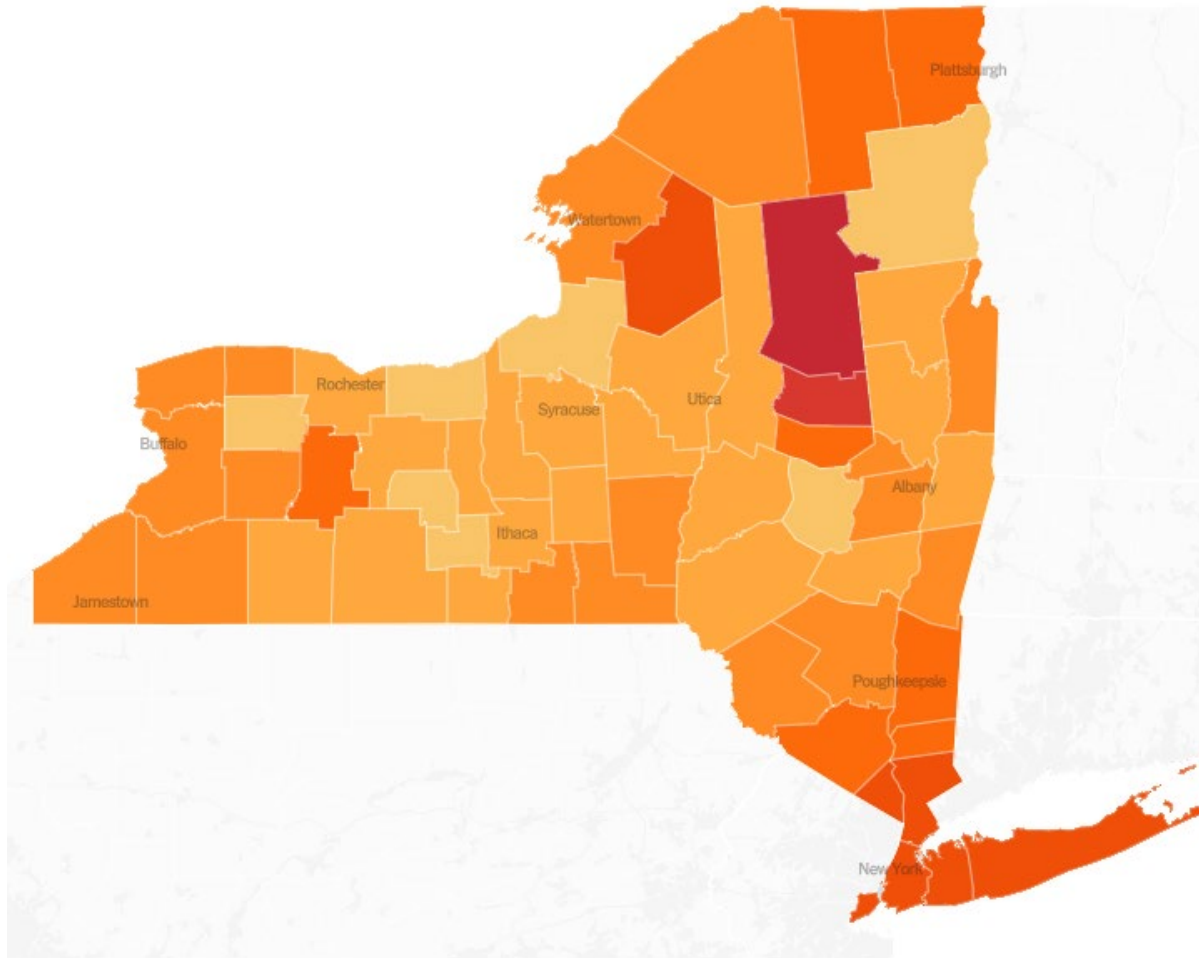


Hot spots	Total cases	Deaths	Per capita
------------------	-------------	--------	------------

Average daily cases per 100,000 people in past week



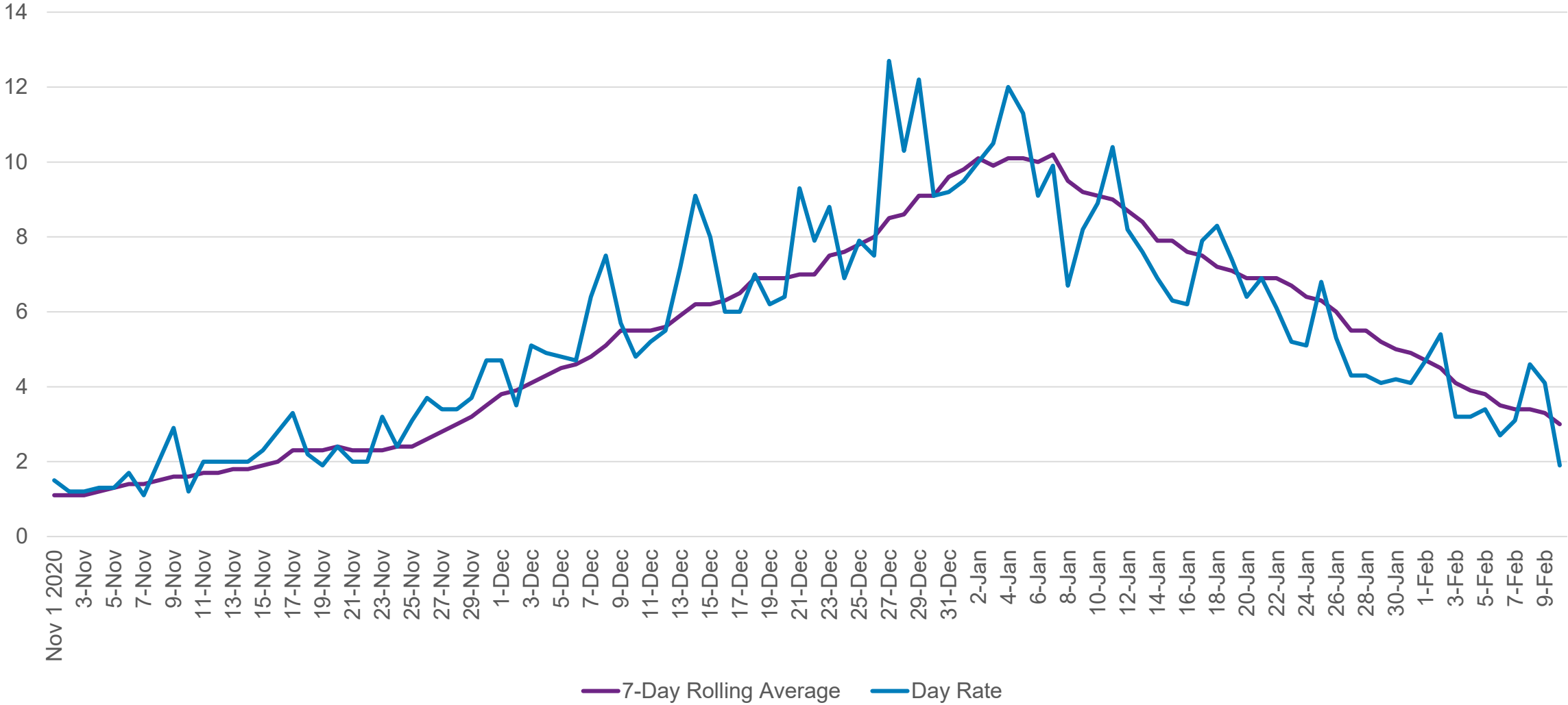
Double-click to zoom into the map.



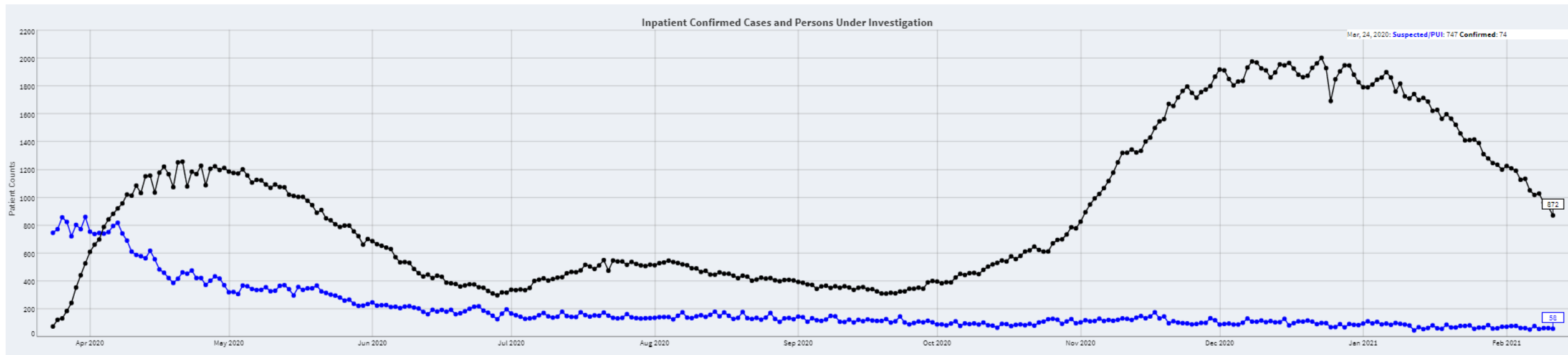
Sources: State and local health agencies. Population and demographic data from Census Bureau.

NY Times, Updated February 12, 2021

Capital Region Test Positivity Since November 1

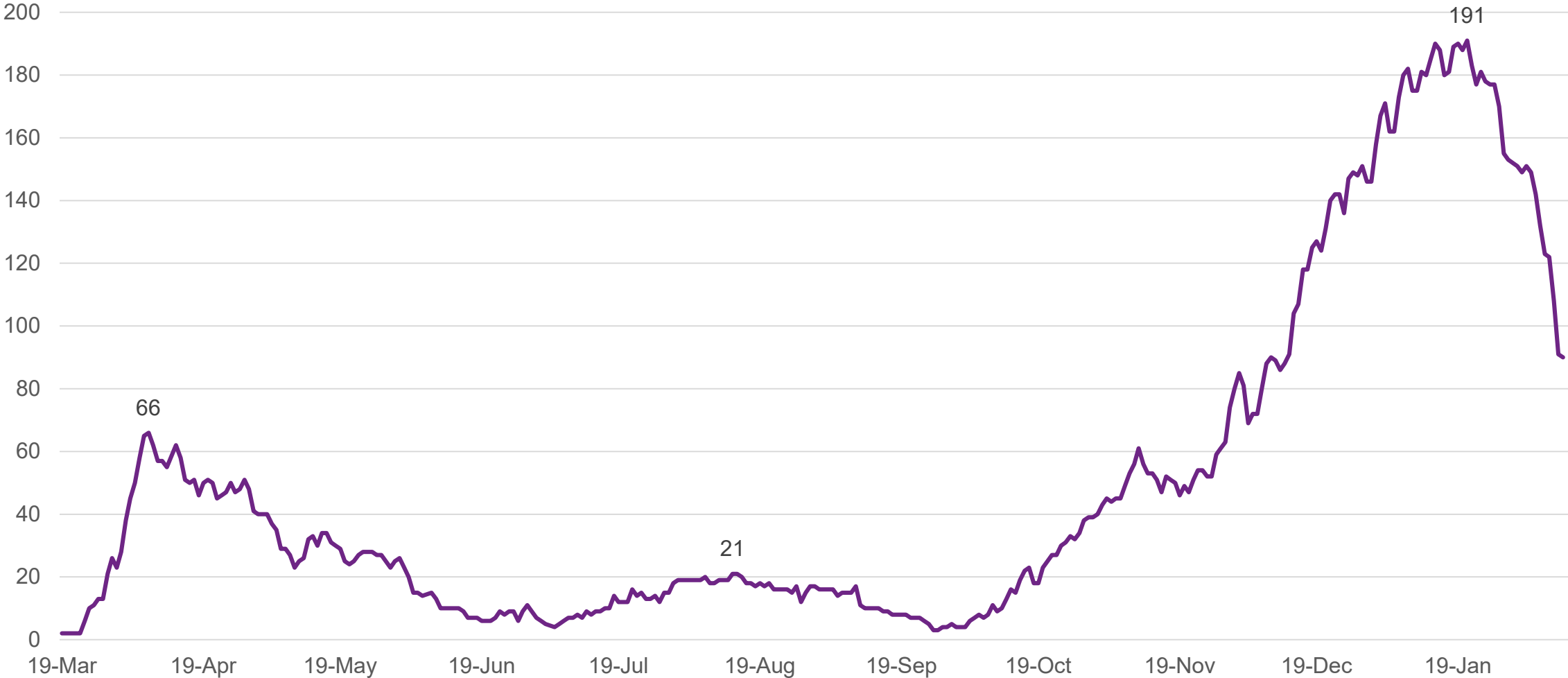


Trends Across Trinity Thru February 11

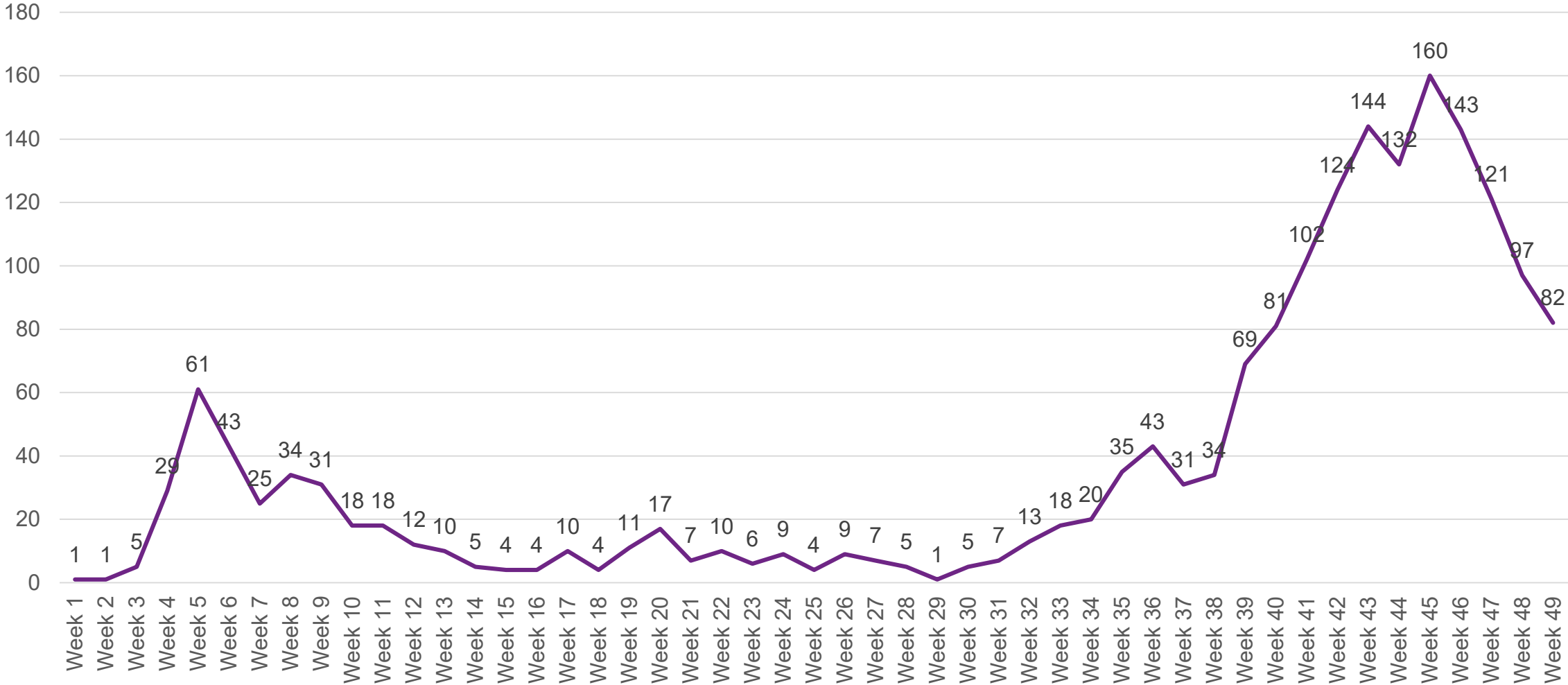


Total Hospitalized Across Trinity Now < 900

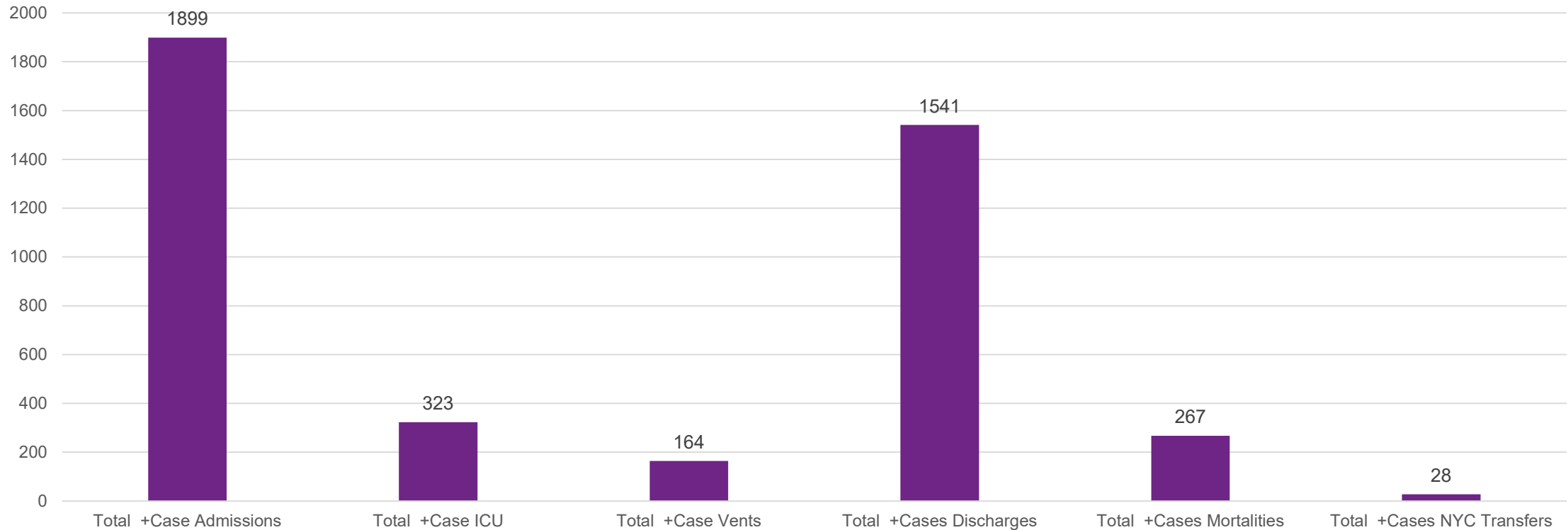
SPHP Inpatient COVID 19 Census Thru Feb 12



SPHP Weekly COVID 19 Admissions

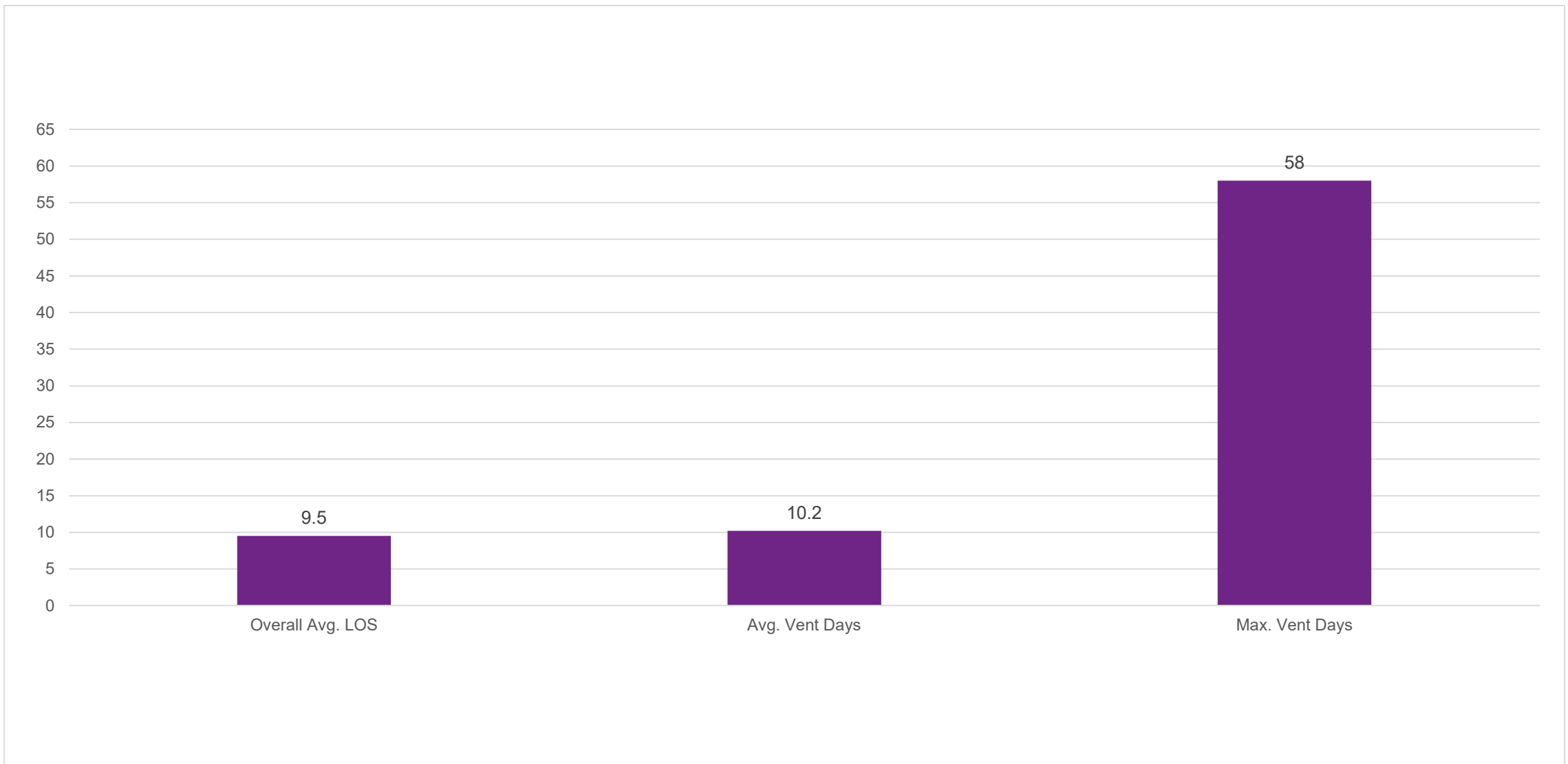


SPHP COVID 19 Cumulative Stats as of Feb 11

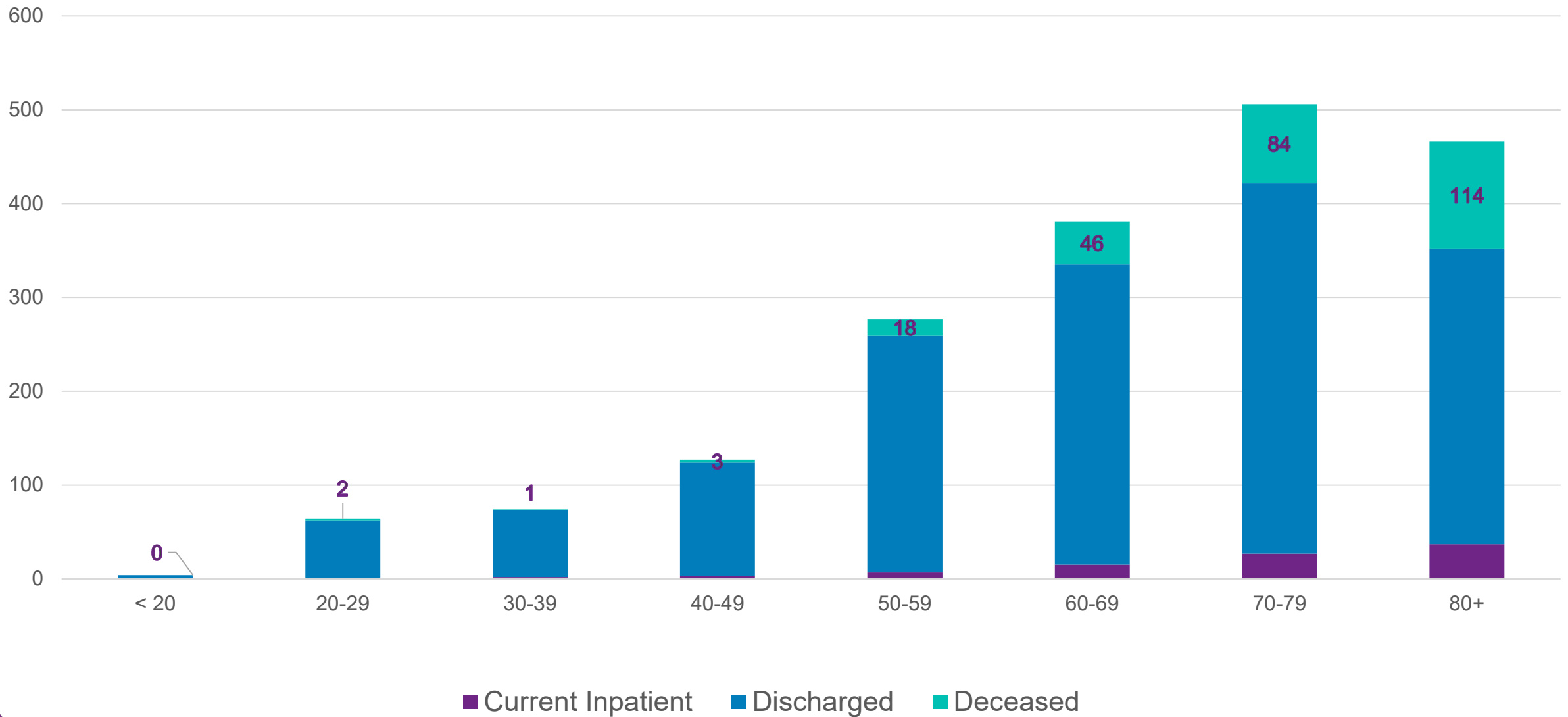


(Includes: current admissions, discharges, and mortalities)

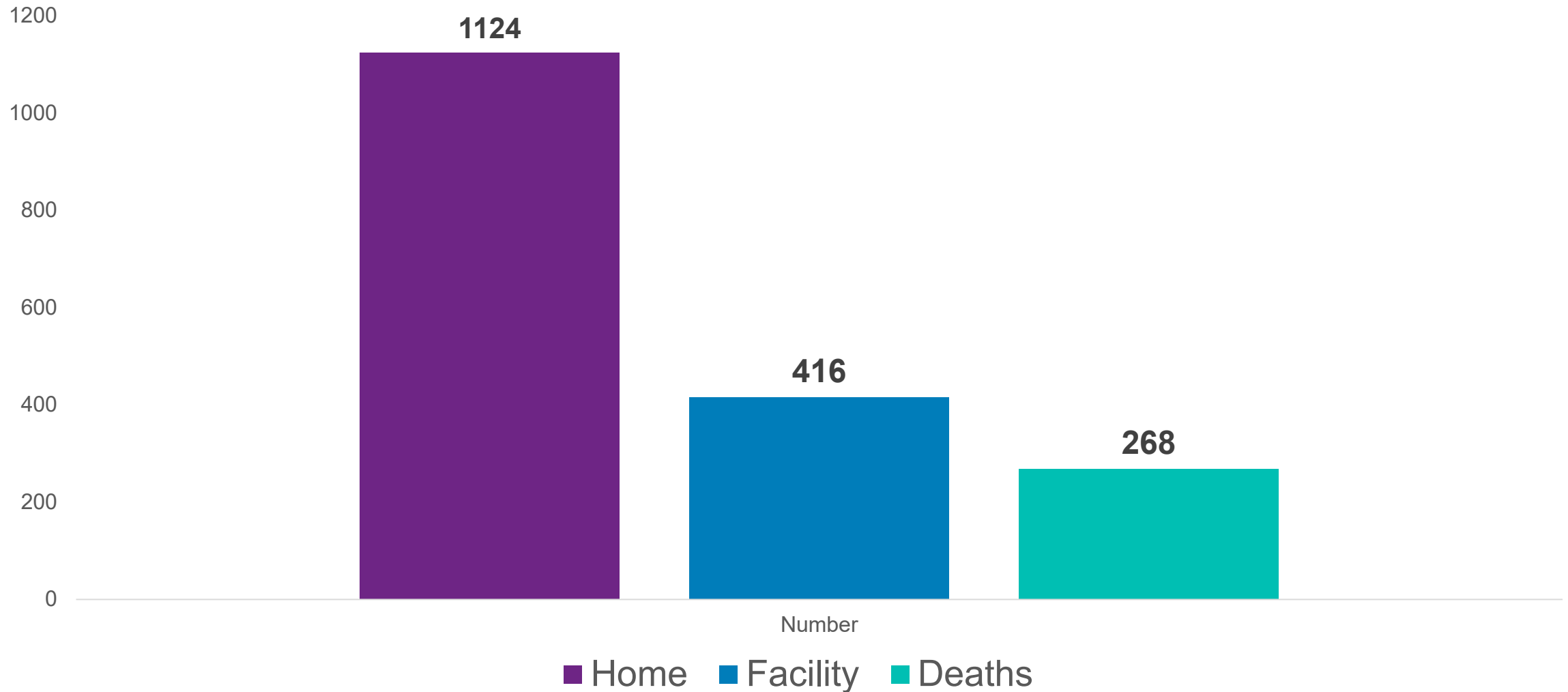
SPHP COVID 19 LOS Stats as of Feb 11



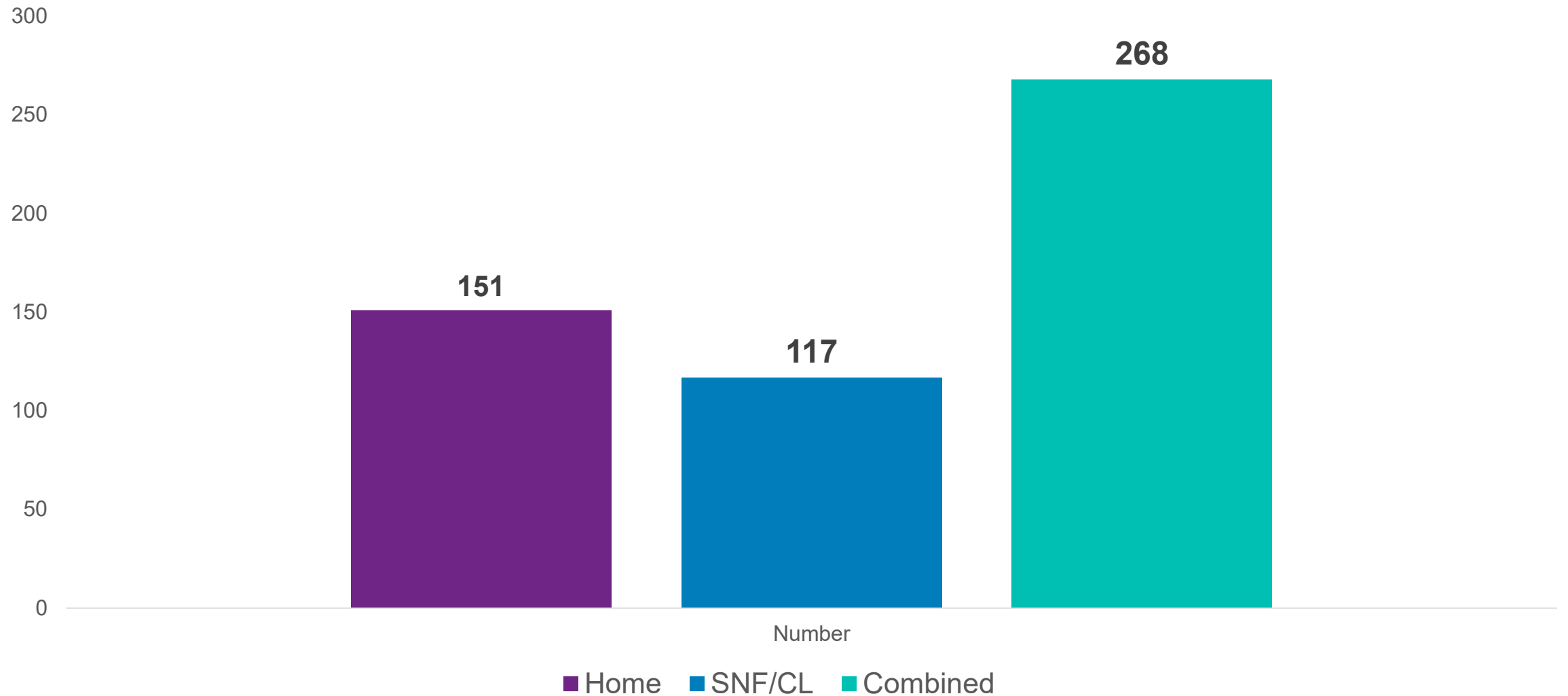
Characteristics of COVID 19 Inpatients Thru Feb 10



Disposition of our Acute Care COVID 19 Discharges Thru Feb 10



Pre-Admission Origin of our Hospital COVID 19 Fatalities Thru Feb 10



Outcomes on Both Sides of the Pandemic

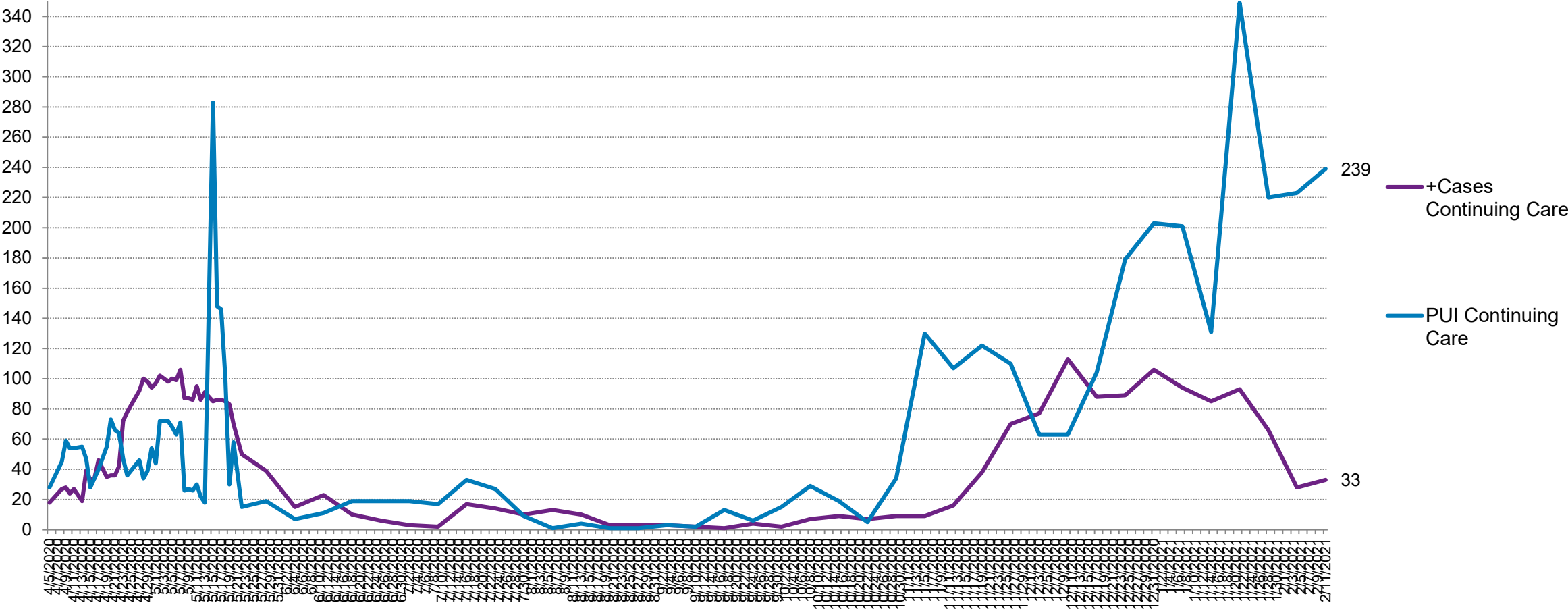
Date of Admit	Number	Discharged	Died
Feb-Aug 2020	390	306	84 (21.5%)
Sept 2020 – Feb 2021	1418	1234	184 (13.0%)

Therapeutic Update Thru Feb 11

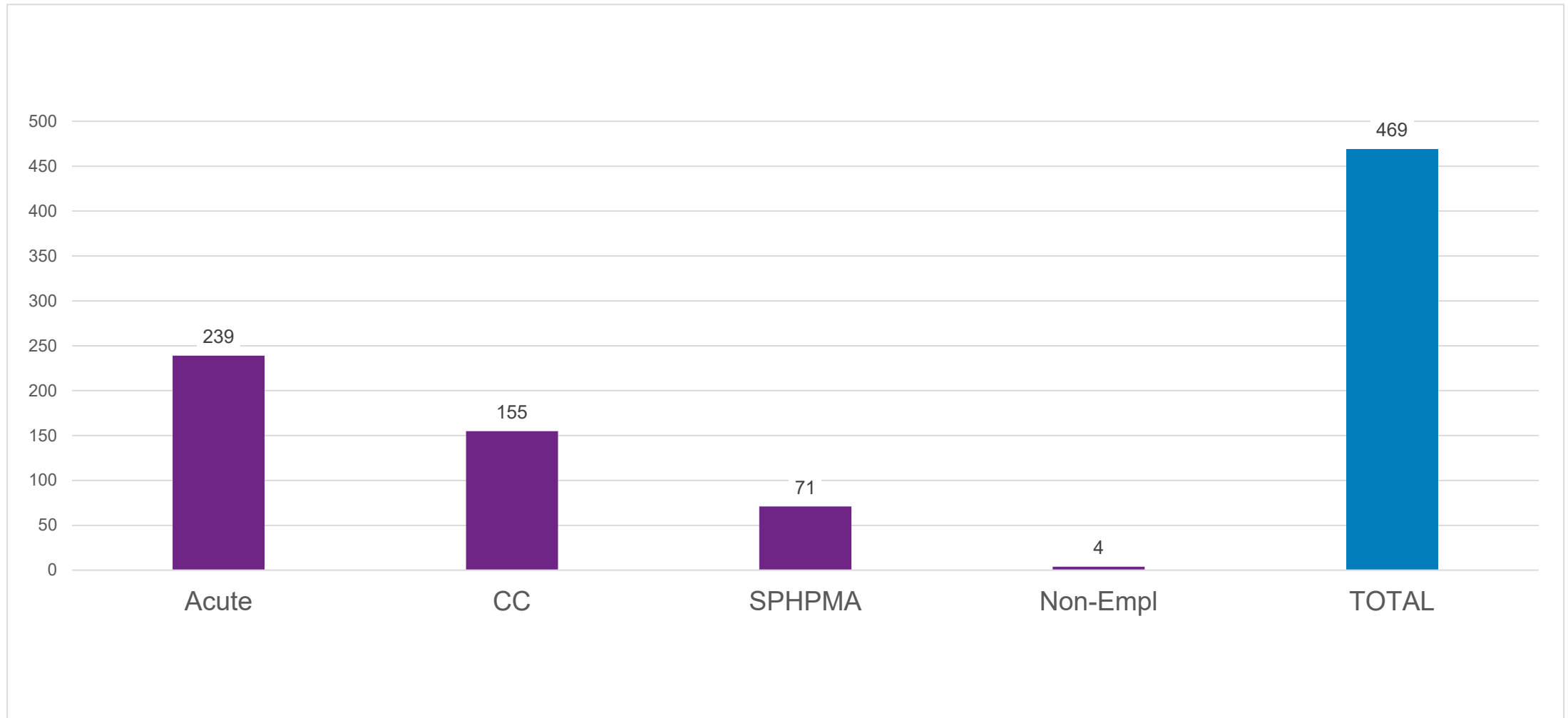
Therapy	Patients Treated to Date
Convalescent Plasma	266
Remdesivir	955
Tocilizumab (Actemra)	20
Acalabrutinib (Calquence)	3
Monoclonal Antibody	946

Since our last report, 2 additional patients have received plasma and 42 have received remdesivir

Continuing Care Confirmed and PUIs Thru Feb 11

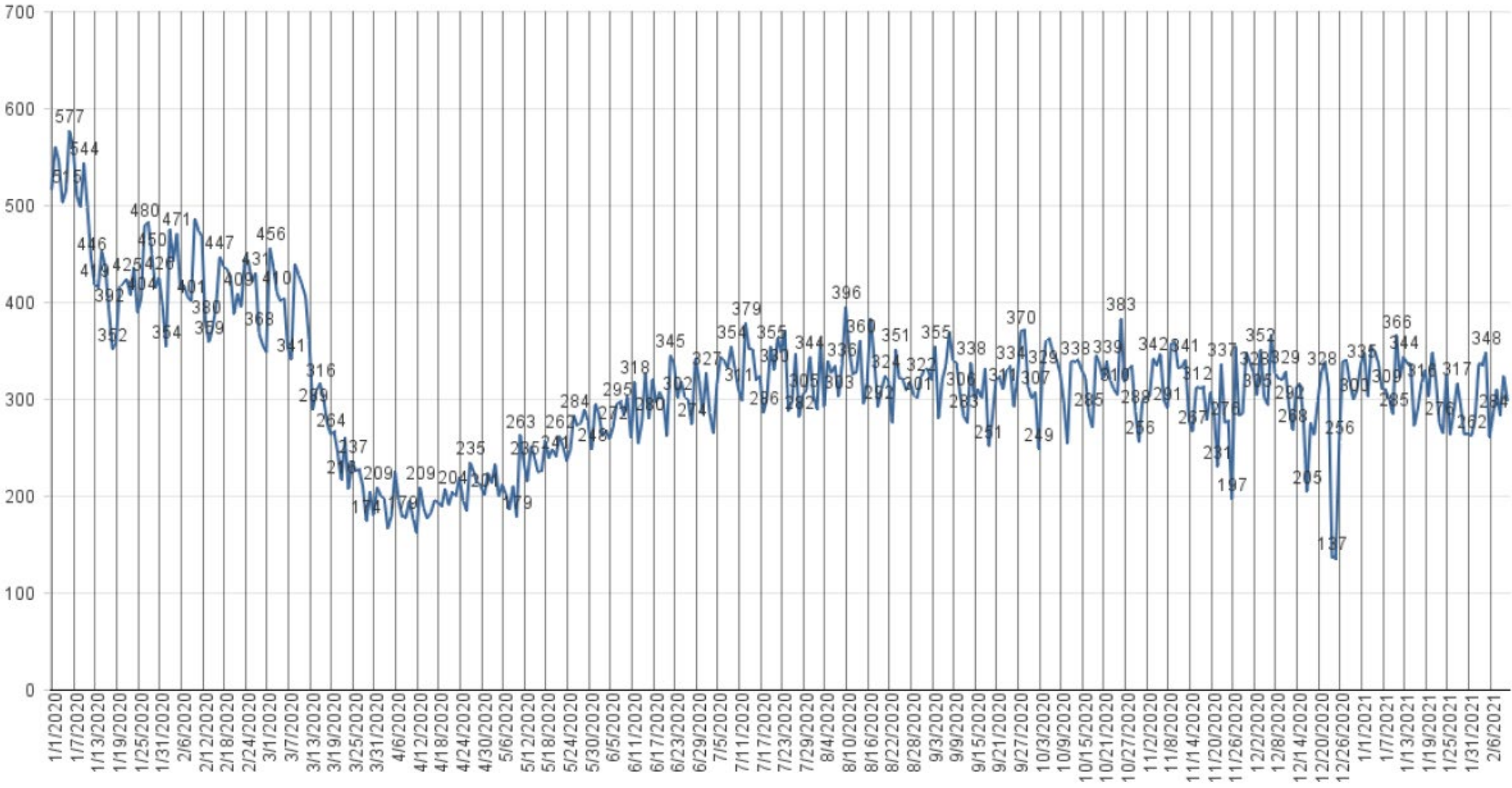


COVID 19 + Colleagues as of Feb 11 (Last + Feb 11)



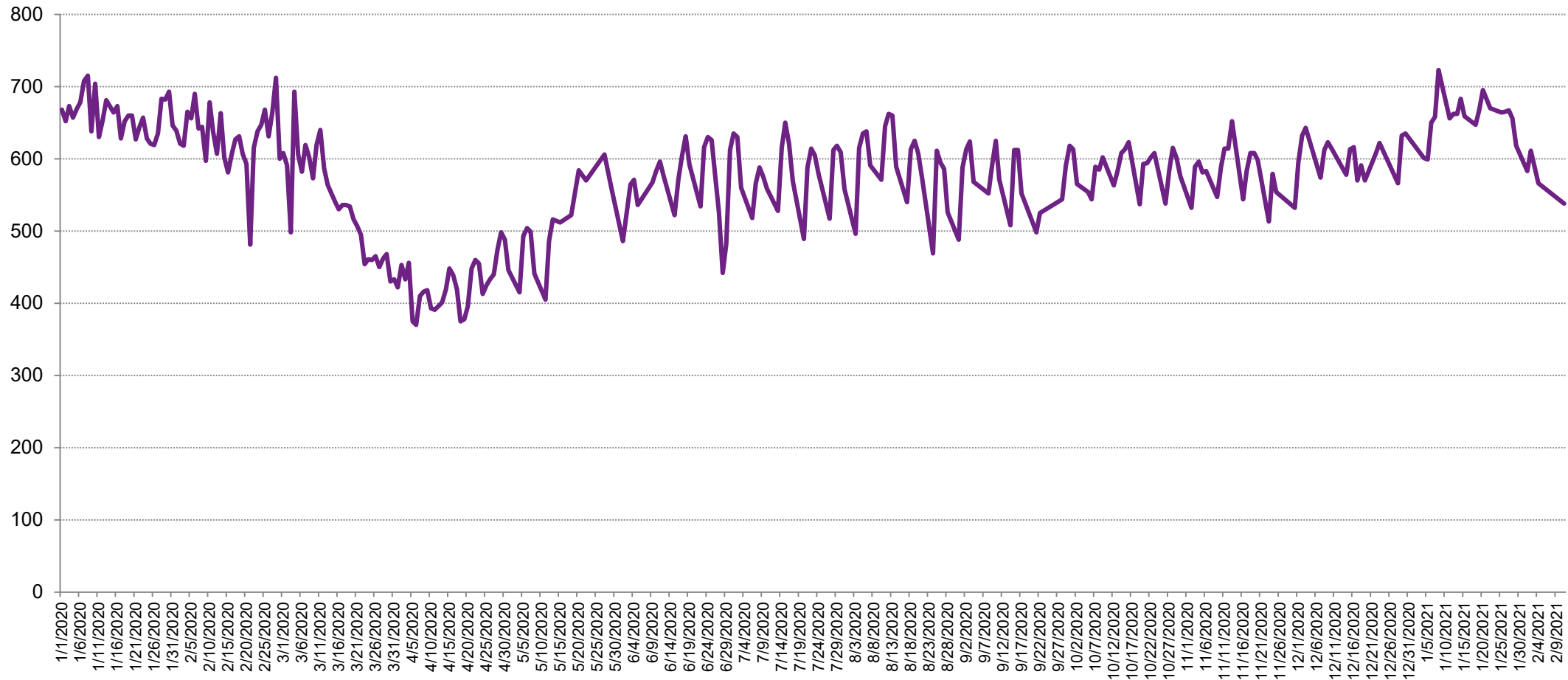
Since our last report, 6 additional colleagues have tested positive c/w 6 the week prior

SPHP ED Visits January 1, 2020 Thru February 11, 2021



ED Visits Running at 65-70% of Pre-Pandemic Baseline Levels

SPHP 2020 Inpatient Census 1/1/20 Thru 2/10/21



APPENDIX

- **Miscellaneous New Slides of Note**

Cumulative change in jobs since before the pandemic

