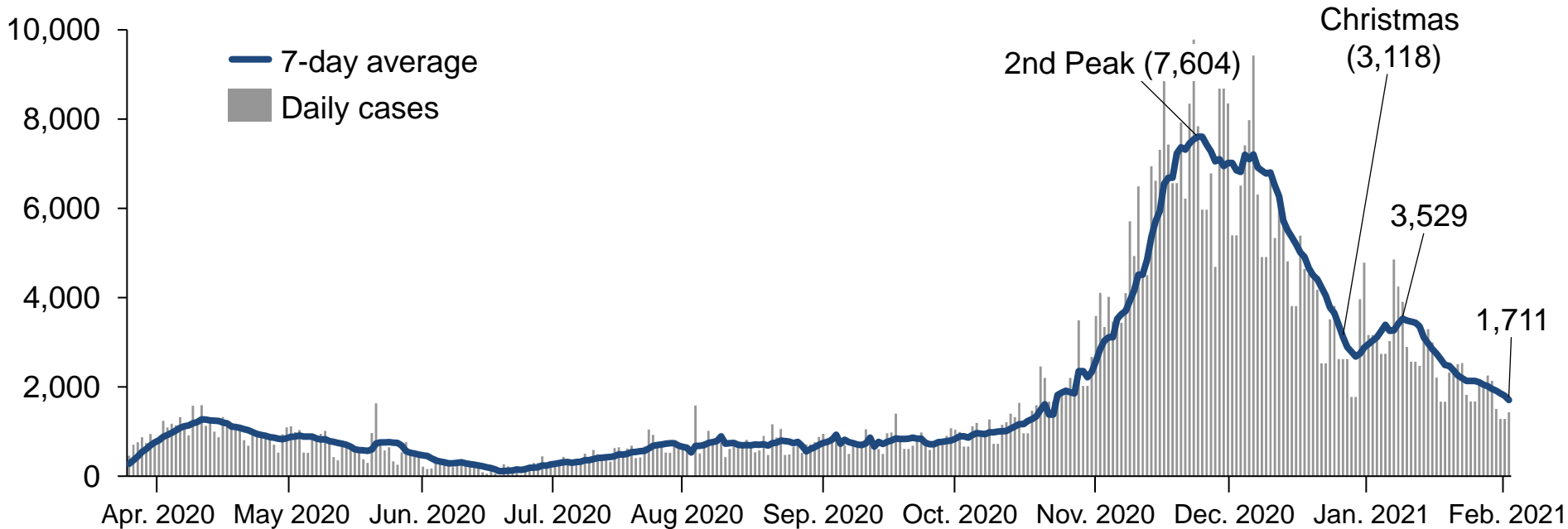

Health and Vaccination Update

**Business Leaders for Michigan
February 4th, 2021**

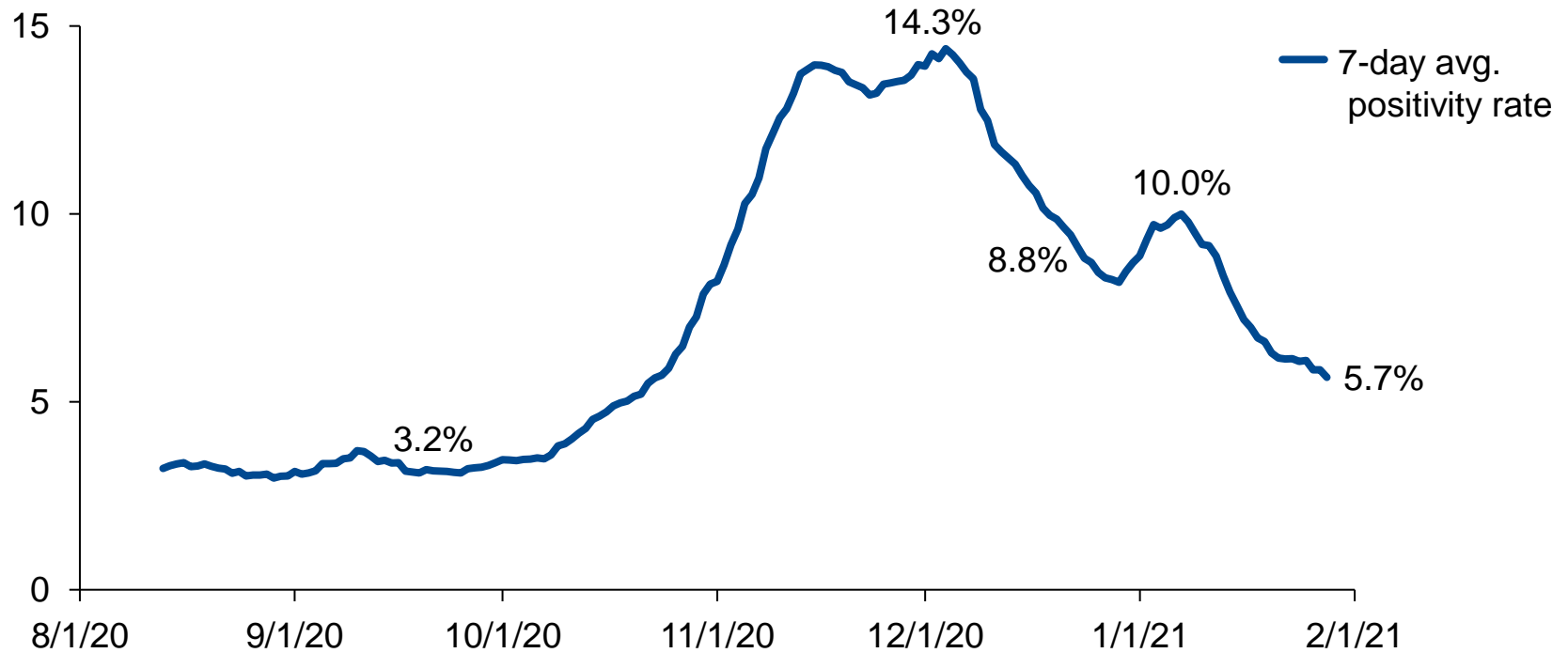
Case levels across Michigan continue to fall since their post holiday increase, they are now 22% of the 2nd wave peak

Daily new cases and 7-day average



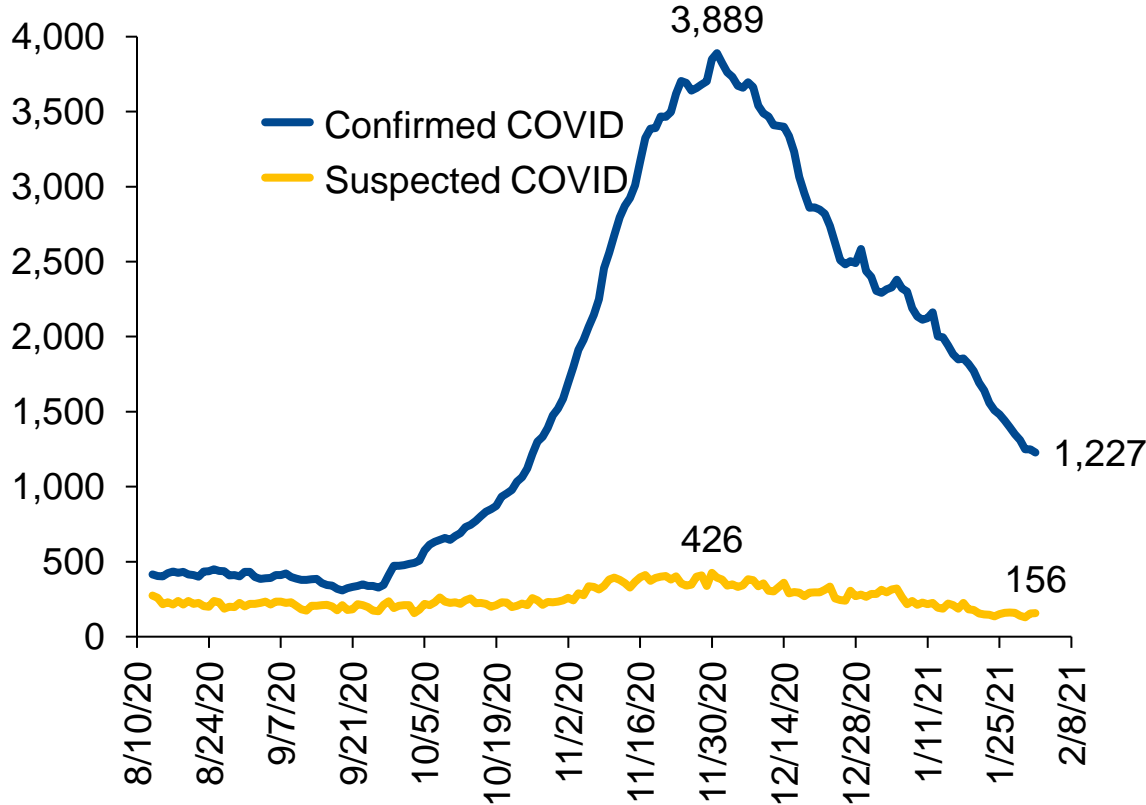
Michigan's positivity rate has declined from 10% a month ago to 5.7% today

Positivity rates 8/13/2020 – 1/28/2021



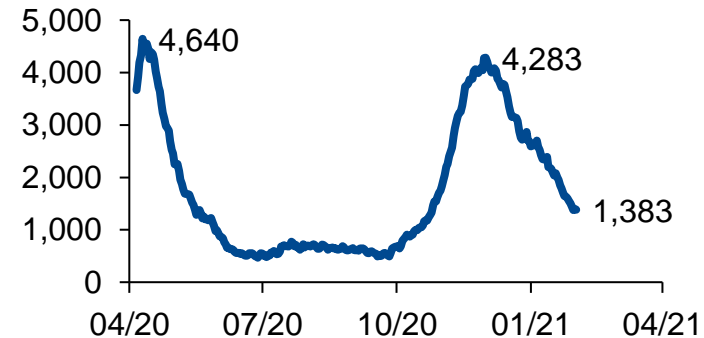
Hospitalizations are down ~70% from the recent peak

Hospitalization Trends 8/13/2020 – 2/1/2021



- All health systems have identified as green or yellow in terms of risk rating

Hospitalized COVID¹ Historical Trend (beginning March)

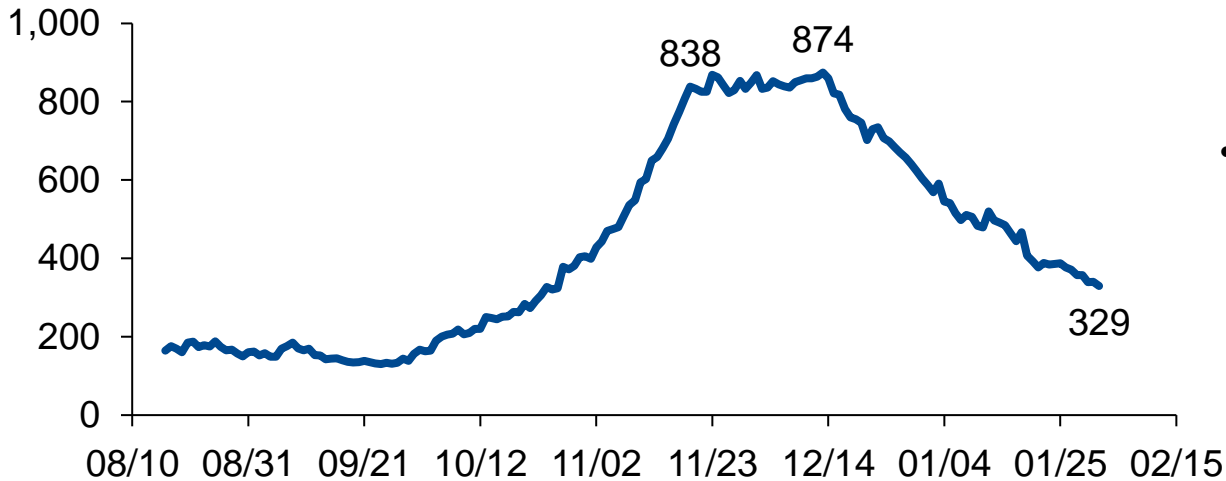


1. This graph includes both confirmed and suspected cases

2. Source MHA

The number of COVID-19 patients in the ICU dropped has dropped to less than 40% of the winter peak

Hospitalization Trends 8/16/2020 – 2/1/2020
COVID patients in ICUs

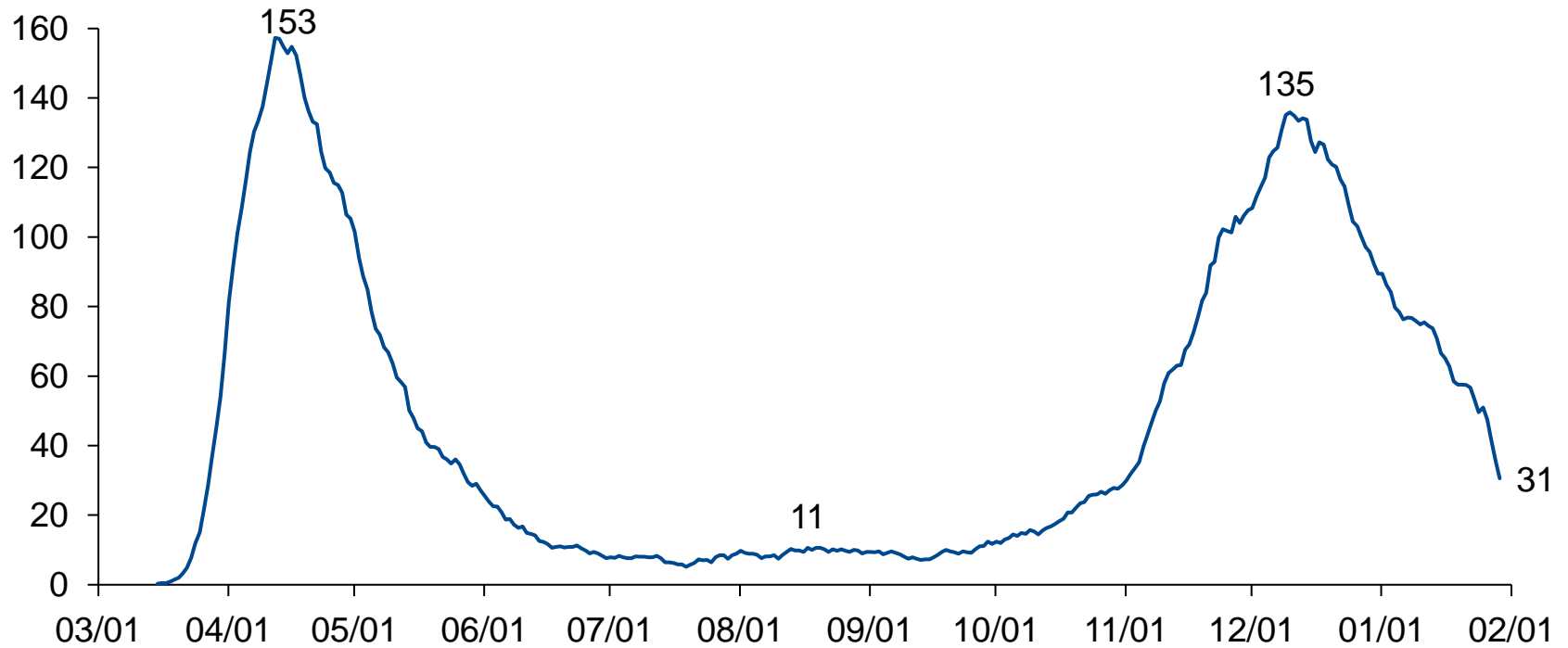


- Statewide, ~11% of ICU beds remain occupied by COVID patients; this has dropped from 30%
- **All regions have less than 15% of ICU beds being used by COVID patients**

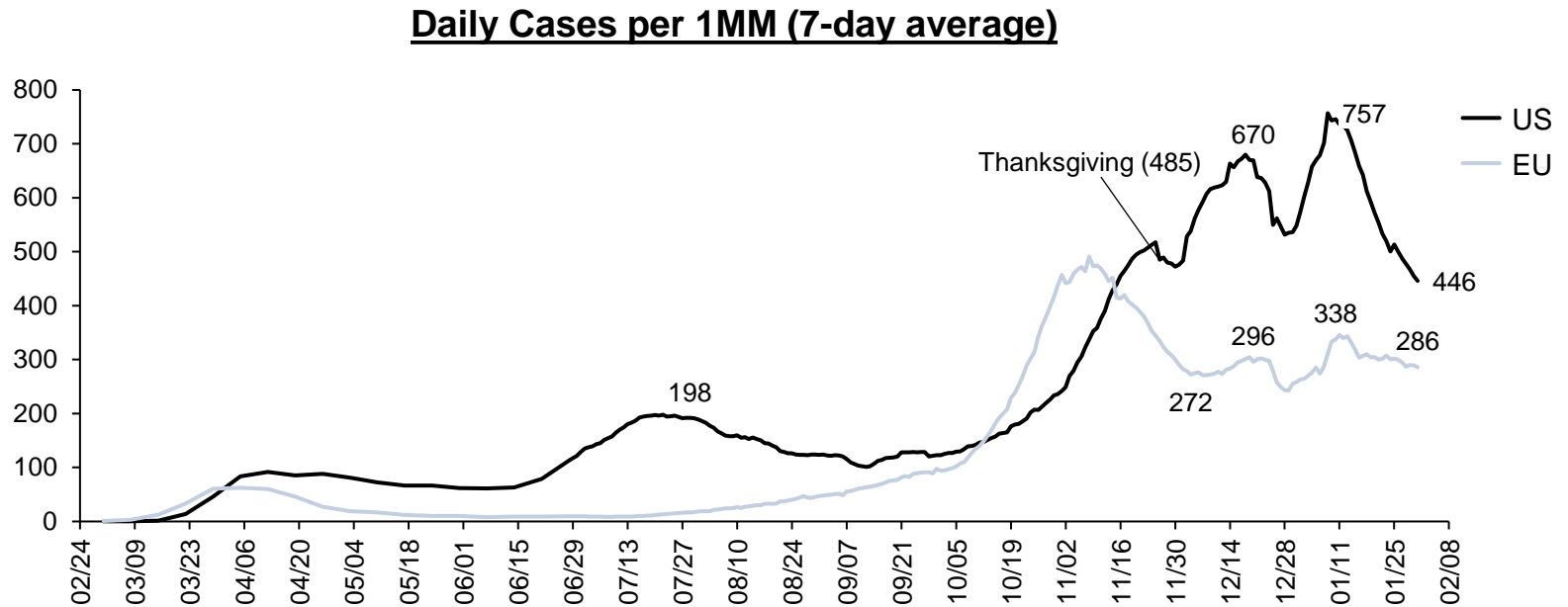
	North Detroit	South Detroit	Grand Rapids	Kalamazoo	Saginaw	Lansing & Jackson	Traverse	UP
ICU Occupancy	79%	75%	71%	86%	82%	87%	67%	64%
% of ICU beds COVID	10%	11%	11%	14%	15%	15%	15%	12%

Deaths related to the recent surge have continued their steady decline

Deaths 7-day average 3/15/2020 – 1/29/2021



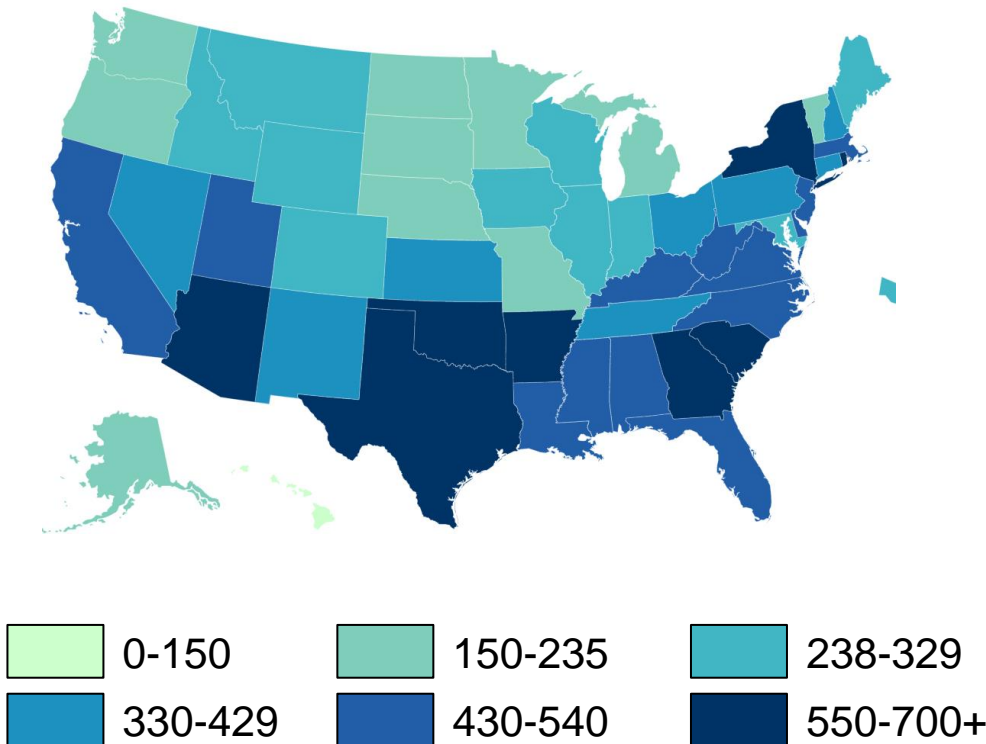
The U.S. has also declined significantly since the holiday increase; the EU continues to fluctuate between 250-300 cases per million



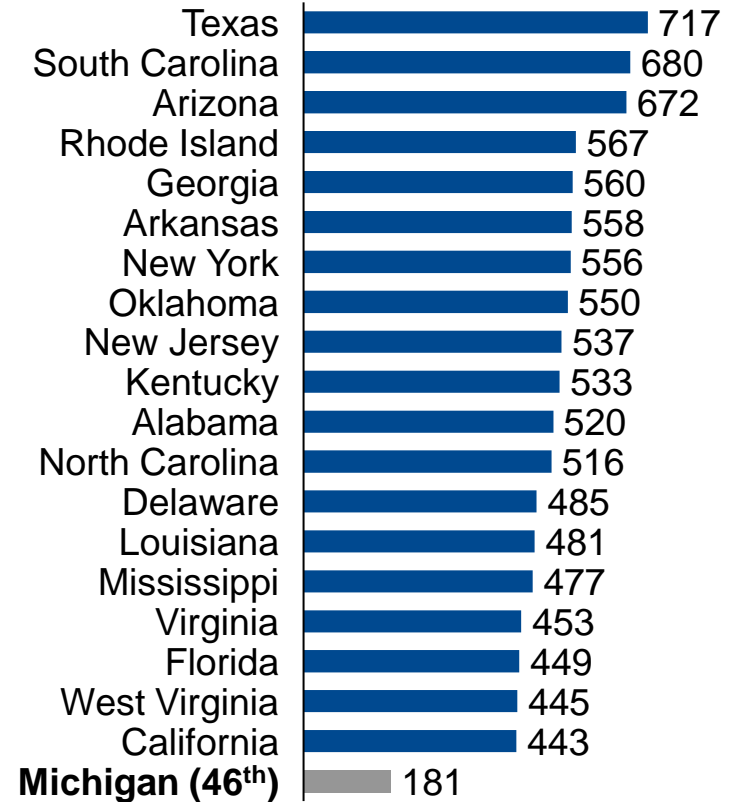
- U.S. cases, which surged in the wake of the Christmas/holiday weekend, are down by ~1/3, though they are ~2.5x levels in Michigan

Post-holiday virus “hot spots” continue to be concentrated in the south; Michigan remains in the bottom 5 states

US 7-day average daily COVID cases per million (map)



7-day average daily COVID cases per million (top 20 states+MI)

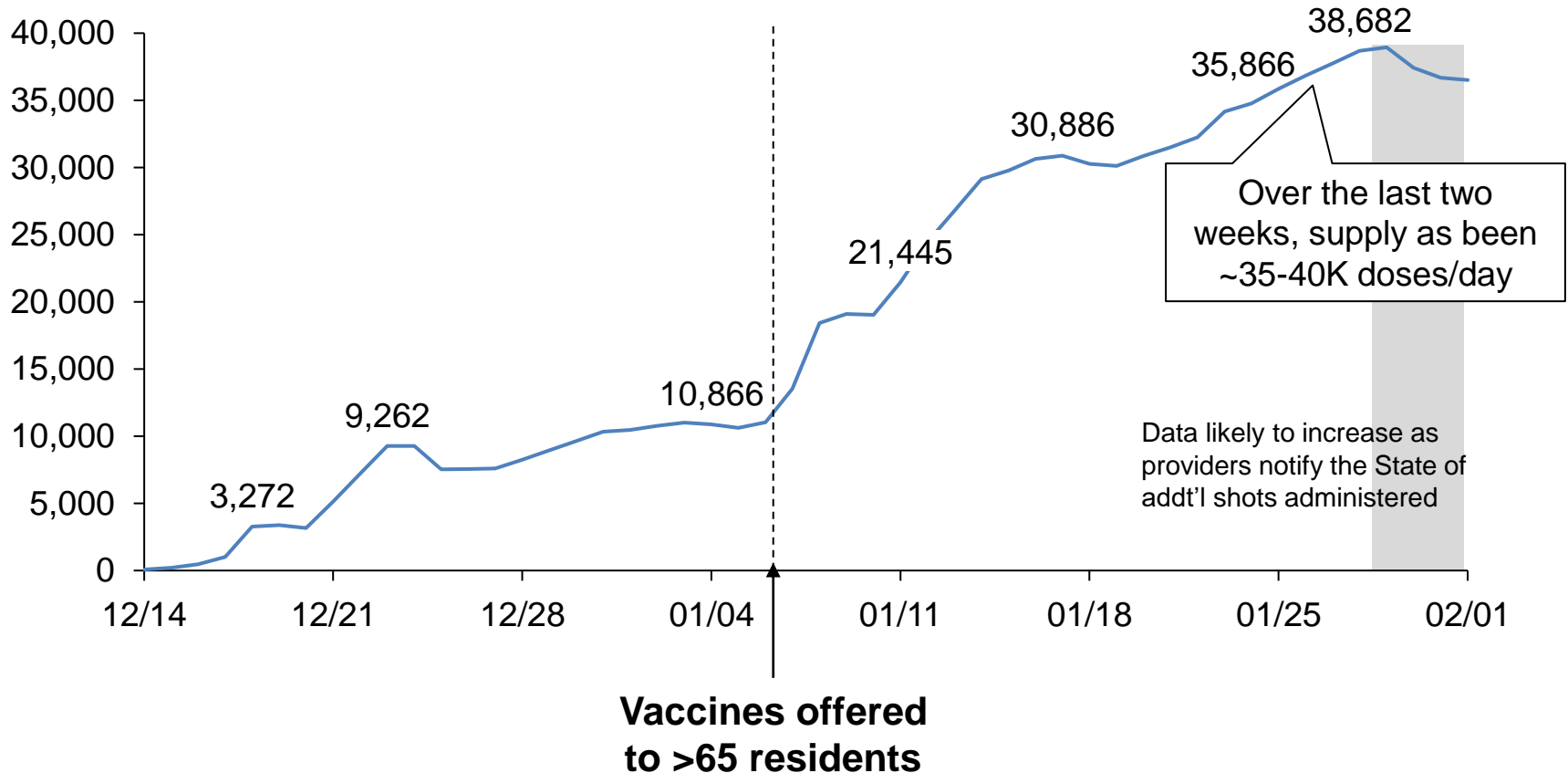


Michigan has administered over a million doses and inoculated 8% of its population, slightly above the U.S. average

	Delivered to date	Administered to date	% Administered	% Inventory	% of Population with first dose
State Driven Distribution	1,305,325	890,522	68%	32%	6.9%
Federal LTC Program ¹	430,200	111,351	26%	74%	1.1%
Michigan Total	1,735,525	1,001,873	58%	42%	8.0%
		<i>U.S. Average</i>	65%	35%	7.9%

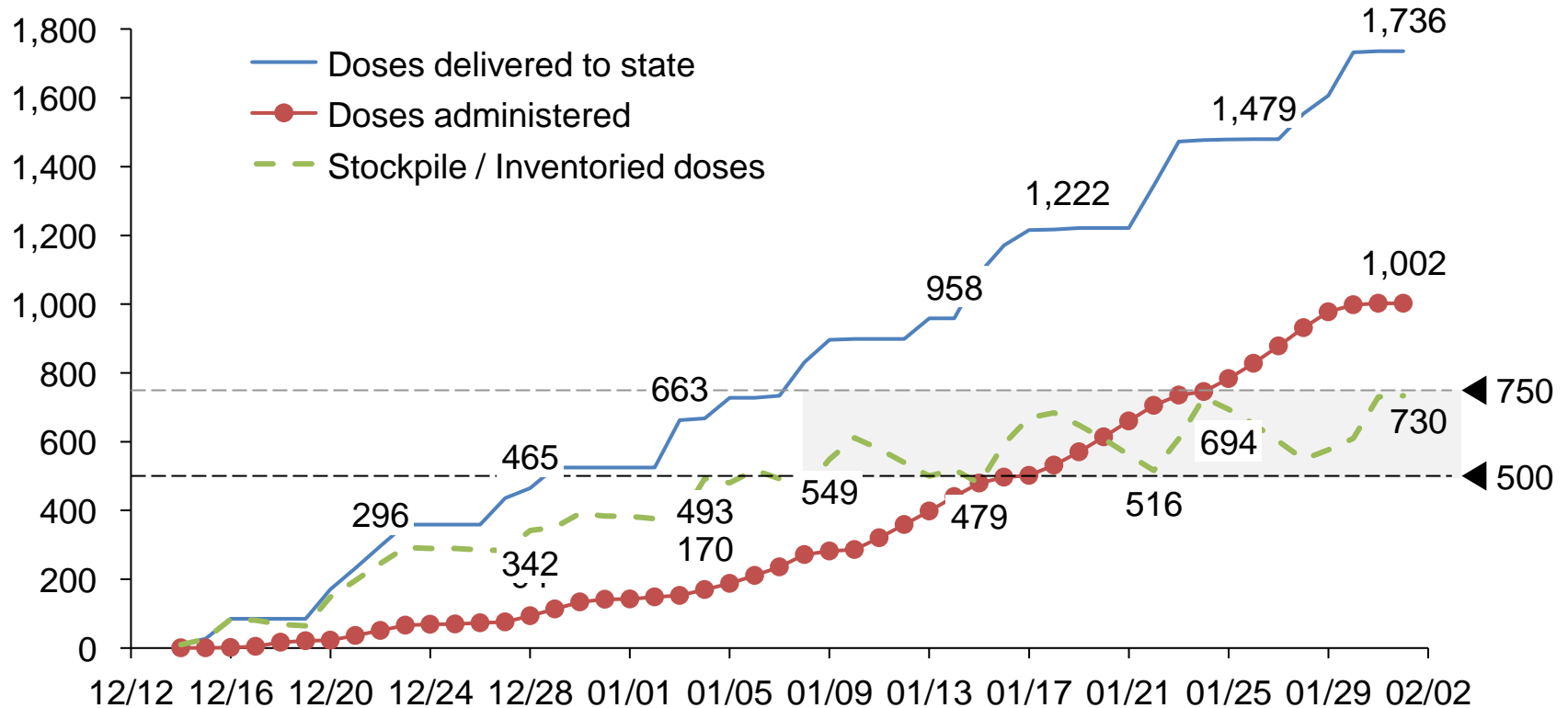
The number of doses administered per day rose sharply in the two weeks following the decision to vaccinate those over 65; since then, they have stabilized between ~35-40K doses, tracking supply

Number of doses per day (7-day average)

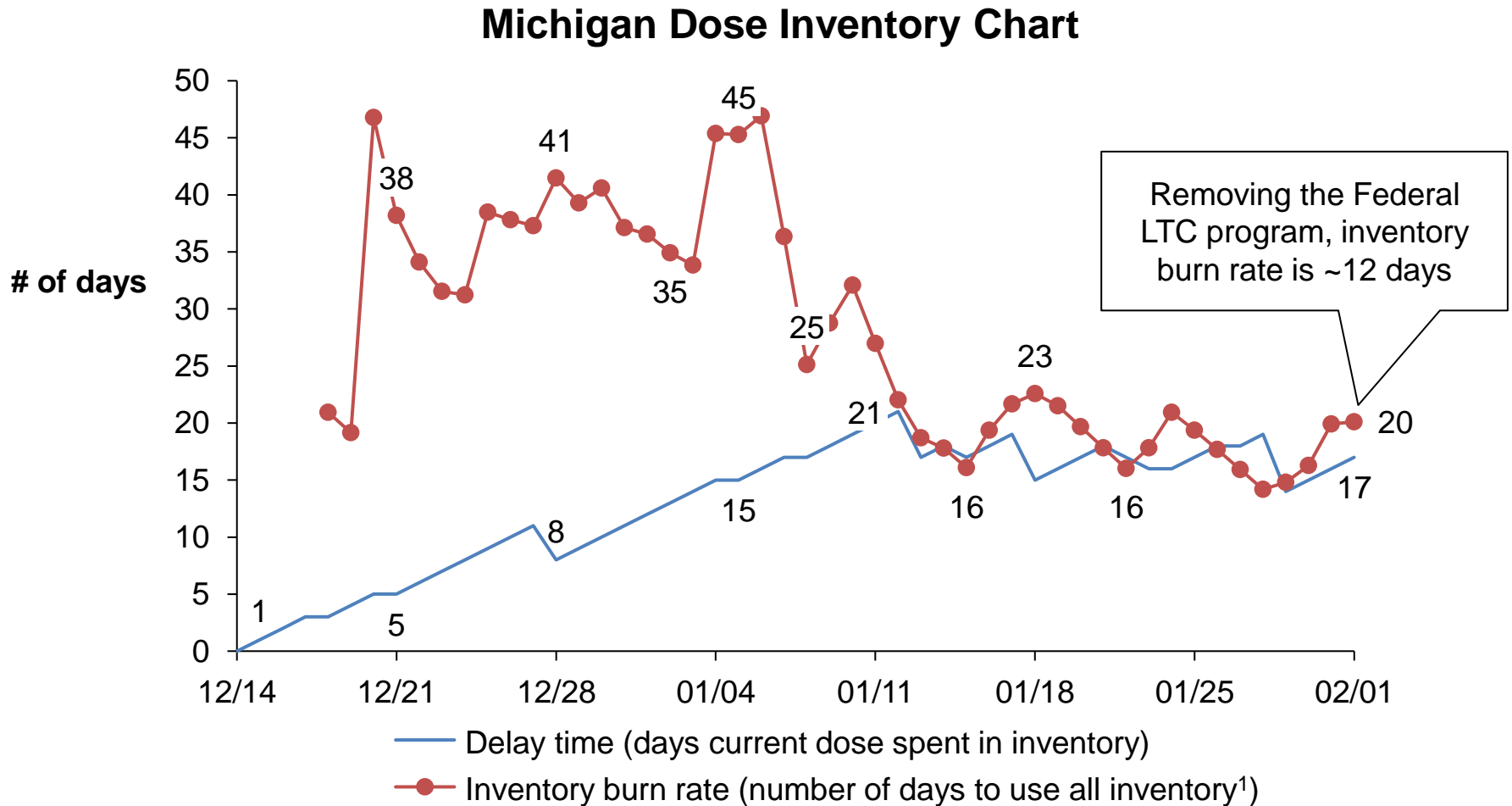


Inventory has fluctuated between 500K and 750K for the past 3 weeks – roughly 300K of these doses are being held for the federal LTC program

Michigan First Dose Stockpile Chart (000's)



Michigan's delay time (days in inventory) and inventory burn rate continues to be stabilized between two and three weeks



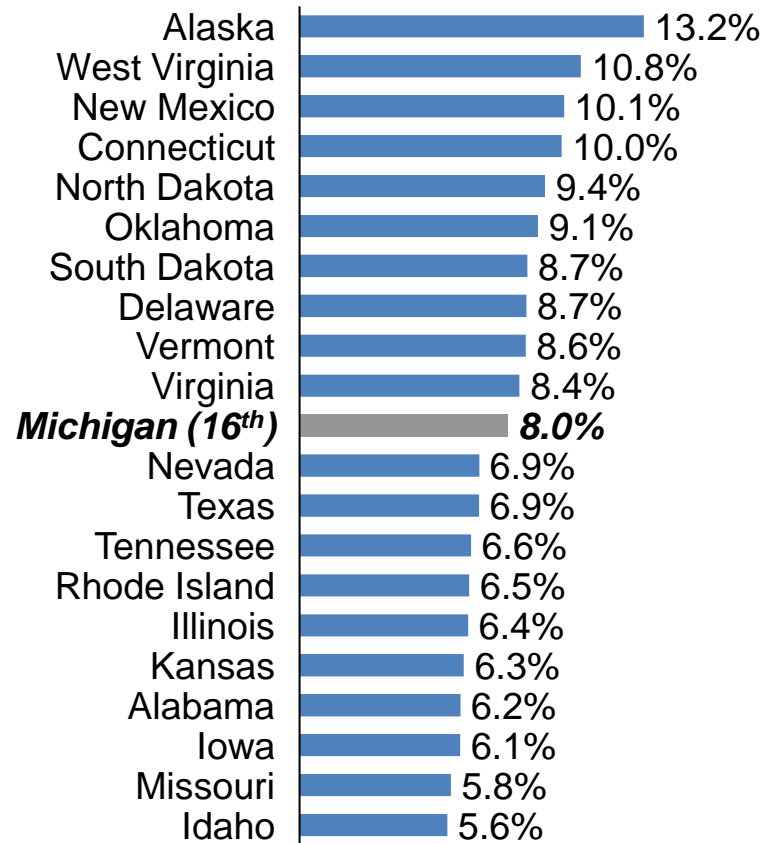
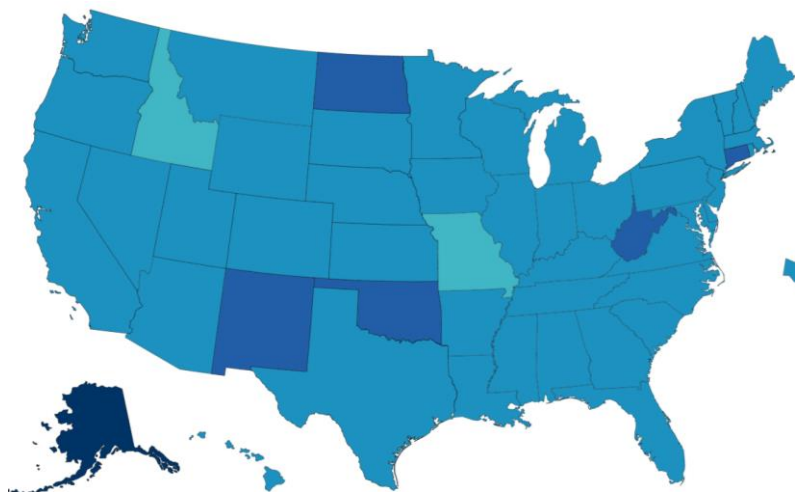
1. Based on last 7-day average dose administration rate

Source MDHHS:

Michigan is now ranked 16th (up from 32nd 3 weeks ago) in terms of the percent of population given a first dose, placing us in the top third of states

% of population given first dose

% of population given first dose
(top 10 and bottom 10 states)



When looking at the 20 most populous states, Michigan has risen to the 2nd best performer

% of population given first dose (top 20 most populous states)

