

Munson Healthcare Press Conference



MUNSON HEALTHCARE

Today's Speakers

Tuesday, January 18, 2022

Christine Nefcy, M.D., FAAP, Chief Medical Officer, Munson Healthcare

David Gordon, M.D., Physician Chief, Cancer Services, Munson Healthcare

Dianne Michalek, Chief Marketing and Communications Officer, Munson Healthcare



Christine Nefcy, M.D., FAAP

Chief Medical Officer
Munson Healthcare

Current Data: COVID-19 in Michigan

State of Michigan **Cumulative Cases**
1,984,056 **Increase**
43,336

MHC Regions	CUMULATIVE CASES	CUMULATIVE DEATHS
MHC Regions	91,325	1,528
State of Michigan	1,984,056	29,547
USA	62,973,416	839,043
Global	318,648,834	5,518,343

State of Michigan Cases Per 100,000 Persons

	CUMULATIVE	LAST 14 DAYS
Confirmed	17,490	2,397
Probable	2,377	344
TOTAL	19,867	2,741

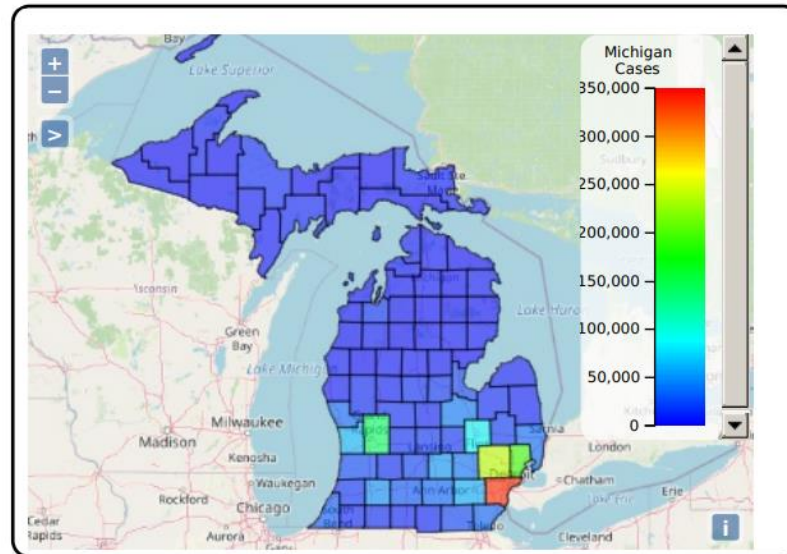
State of Michigan Breakout

	CUMULATIVE CASES	CUMULATIVE DEATHS	DAILY CASES*	DAILY DEATHS*
Confirmed	1,746,707	28,479	37,114	251
Probable	237,349	2,230	6,222	46
TOTAL	1,984,056	30,709	43,336	297

*Weekend State daily volume may be combined for Saturday and Sunday

State of Michigan Diagnostic Tests

	POSITIVE	NEGATIVE	TOTAL	% POSITIVE
YTD	153,271	1,251,303	1,404,574	10.9%
14 Day Avg	1,007	2,106	3,113	32.3%
1/13/2022	1,763	2,743	4,506	39.1%



Current Data: COVID-19 in Northern Michigan

MHC Region

Cumulative Cases
91,325

Increase
1,595

	CUMULATIVE CASES	CUMULATIVE DEATHS
MHC Regions	91,325	1,528
State of Michigan	1,984,056	29,547
USA	62,973,416	839,043
Global	318,648,834	5,518,343

MHC Cases Per 100,000 People

	CUMULATIVE	LAST 14 DAYS
Confirmed	11,637	852
Probable	4,037	690
TOTAL	15,674	1,542

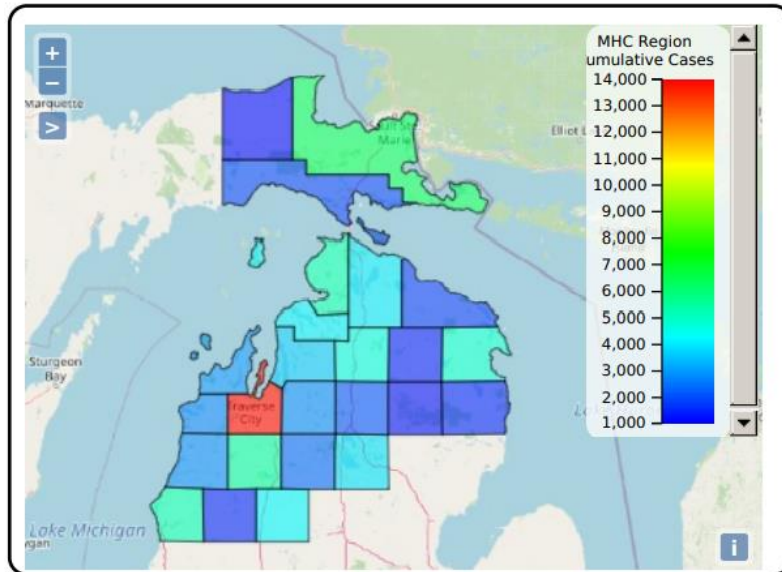
MHC Region Breakout

	CUMULATIVE CASES	CUMULATIVE DEATHS	DAILY CASES*	DAILY DEATHS*
Confirmed	67,804	1,468	827	13
Probable	23,521	157	768	3
TOTAL	91,325	1,625	1,595	16

*Weekend State daily volume may be combined for Saturday and Sunday

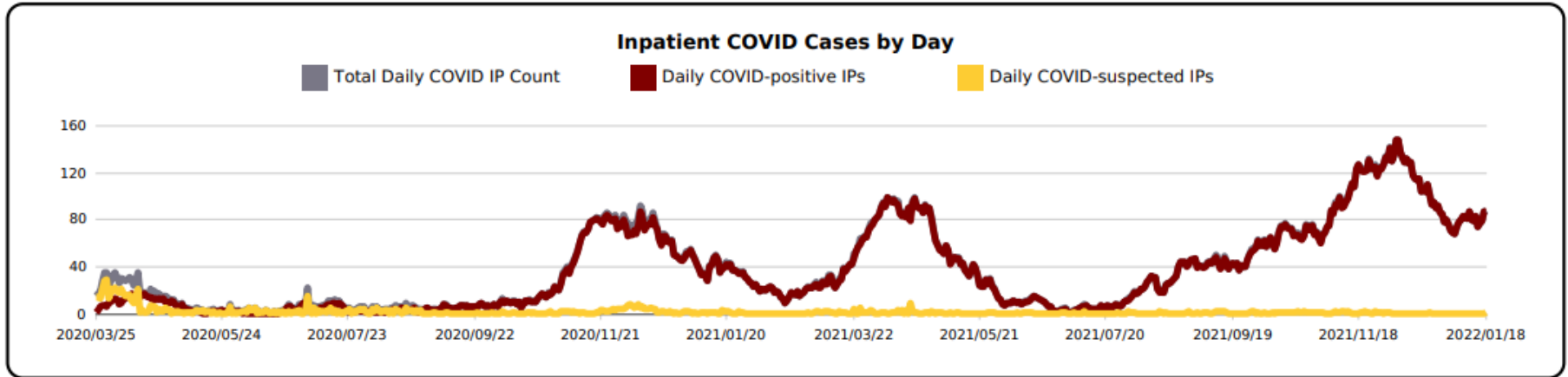
MHC Region Diagnostic Tests

	POSITIVE	NEGATIVE	TOTAL	% POSITIVE
YTD	11,457	121,587	133,044	8.6%
14 Day Avg	56	194	250	22.5%
1/13/2022	119	219	338	35.2%



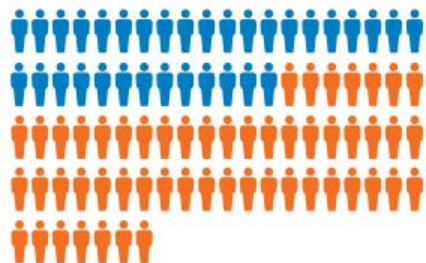
Munson Healthcare Hospitalization Trends

Updated: 01/18/2022



COVID-19 Hospitalizations

January 18, 2022



87 Hospitalized

33 Vaccinated
(5 Boosted)

54 Unvaccinated

These numbers represent the number of patients who are hospitalized due to COVID-19 and not other reasons.



23 In the ICU

8 Vaccinated
(0 Boosted)

15 Unvaccinated

Of the total number of patients hospitalized for COVID-19, this represents how many are in an ICU and their vaccination status.



9 On Ventilator(s)

2 Vaccinated
(0 Boosted)

7 Unvaccinated

Of the total number of patients hospitalized for COVID-19, and in an ICU, this represents how many are on a ventilator and their vaccination status.



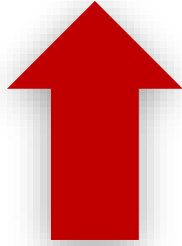
Vaccinated



Unvaccinated

For more information, visit munsonhealthcare.org

Munson Healthcare Inpatient Volumes



Overall Inpatient Volume

up **15%** compared to
December 2019 to
mid-January 2020



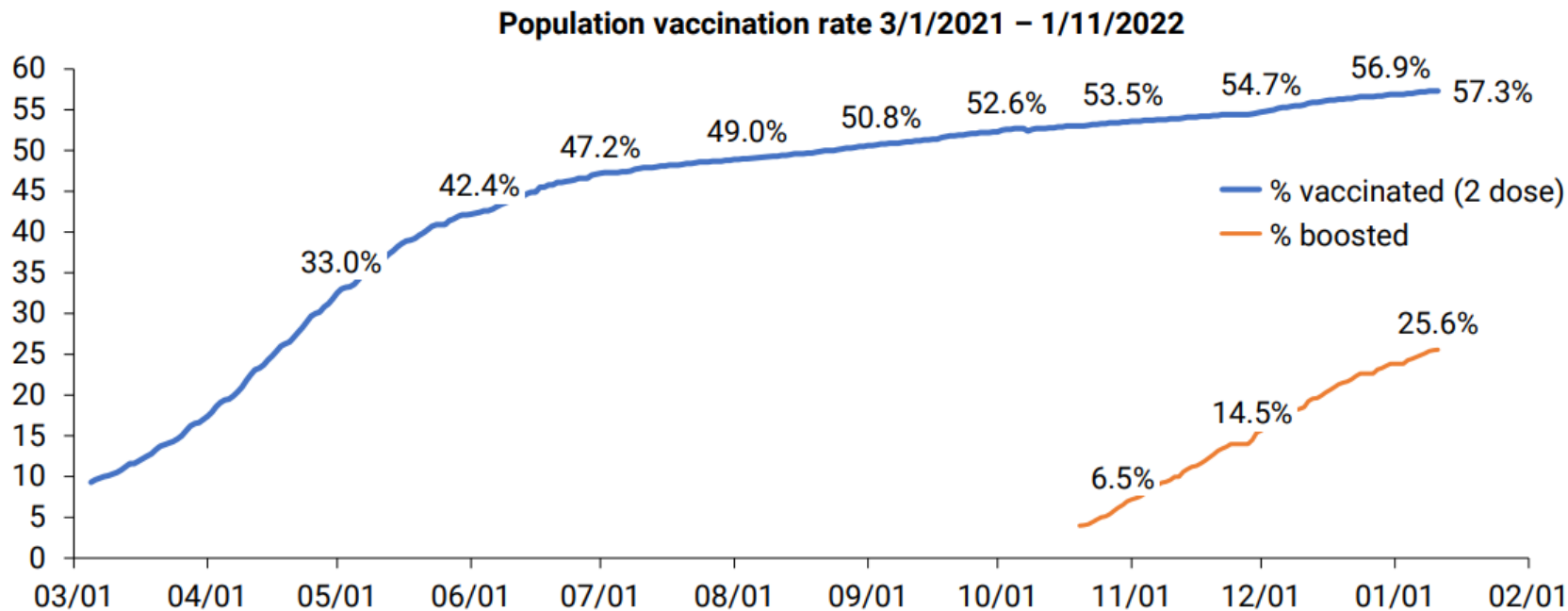
COVID-19 Inpatient Volume

up **67%** compared to
December 2020 to
mid-January 2021



1 in 6 hospitalizations December 2021 to
mid-January 2022 was due to COVID-19.

Our vaccination rate has continued to grow slowly, but only 25.6% of the population has been boosted



76% of the population has some form of immunity; this leaves ~2.4M without immunity (and ~570K over 50)

Age Range	Cases by age group	Infected number (2.5x cases)	Population	% of age group with natural immunity	Fully vaccinated	Total Immunity* by age group	Individuals with no immunity
0-9	119,805	299,513	1,152,764	26.0%	8.5%	32.3%	780,725
10-19	249,313	623,283	1,254,926	49.7%	44.6%	72.1%	349,930
20-29	348,277	870,693	1,379,677	63.1%	45.5%	79.9%	277,397
30-39	307,400	768,500	1,213,131	63.3%	55.9%	83.8%	196,082
40-49	267,922	669,805	1,179,375	56.8%	59.5%	82.5%	206,376
50-59	260,616	651,540	1,350,299	48.3%	67.7%	83.3%	225,420
60-69	185,771	464,428	1,275,763	36.4%	76.5%	85.1%	190,664
70-79	97,563	243,908	766,808	31.8%	81.0%	87.0%	99,351
80+	58,255	145,638	414,212	35.2%	78.8%	86.2%	57,018
Total immunity (at 2.5x multiple)						76.1%	2,382,963
Total immunity (at 2x multiple)						71.9%	
Total immunity (at 3x multiple)						80.3%	

*Total Immunity assumes similar likelihood of receiving vaccine for people who have had COVID and those who have not had COVID



Help Move the Needle

 MUNSON HEALTHCARE

munsonhealthcare.org/ACT

COVID-19 Boosters

- Both the FDA and CDC recommend boosters.
- The Food and Drug Administration (FDA) and CDC approved Pfizer's COVID-19 booster dose for children ages 12-15.
- The FDA also shortened the timing of Pfizer and Moderna booster shots from 6 months to 5 months.
- If you received Moderna and are 18 years or older you may get a booster 5 months after completing your primary COVID-19 vaccination series.
- If you received Johnson & Johnson's Janssen and are 18 years or older you may get a booster 2 months after completing your primary COVID-19 vaccination.



COVID-19: Omicron Variant

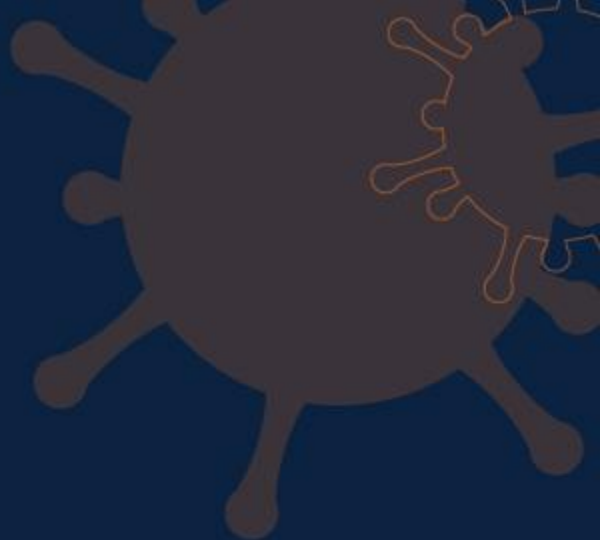


Early studies show the Omicron variant is more transmissible and less lethal

Category	Omicron variant
Presence in US	<ul style="list-style-type: none">• CDC estimates 98% of all cases nationwide are from Omicron and 97% of cases in the Midwest region
Presence in Michigan	<ul style="list-style-type: none">• MDHHS has sequenced Omicron in 41 counties, but believes that it is present in many more
Transmissibility	<ul style="list-style-type: none">• Early studies show between 2-5 times more transmissibility vs. Delta (Delta was 2-3 times more transmissible than original strain)
Severity	<ul style="list-style-type: none">• Early studies are confirming that Omicron is less lethal• South Africa Study: Showed 80% fewer hospitalizations vs. similar number of Delta cases• British Study: Showed 60% fewer hospitalizations vs. Delta
Vaccine effectiveness	<ul style="list-style-type: none">• British study: After two doses protection against infection was seen to be 0% and 20%, with a booster increasing that level to between 55% and 80%• Early studies show similarly strong hospitalization/death prevention



COVID-19: Testing



COVID-19: Tips on Testing Correctly at Home

- It's important that directions for a home test be followed because the test is only to be used with the specimen that the test manufacturer has specified.
- If the test instructions say swab your nose, and you choose to swab something else (throat, eye, etc.) the test will be inaccurate.
- Likely, the viral load required to create a positive test will not be found there or the site produces a substance that interferes with the test.
- Swabs designed for the nose likely are not long enough to get to the areas at the back of the throat that may or may not contain the virus.
- While throat specimens can be run on some PCR platforms, PCR testing is very different from antigen testing.

COVID-19 Testing Resources

If You Have Symptoms, Get Tested

- Local Health Departments
- Primary Care Provider
- Walgreens and Rite-Aid
- www.michigan.gov/coronavirus
(Click Find a Testing Site)
- Michigan COVID-19 Hotline:
888-535-6136, Press 2
- Munson Healthcare Ask-A-Nurse Line:
231-935-0951





David Gordon, M.D.

Physician Chief, Cancer Services
Munson Healthcare

Risk Factors

- **Tier 1**
 - Stem Cell Transplant/ Cart T Cell Therapy
 - Solid Organ Transplant
 - Lymphomas
 - Anti B Cell Immunotherapy
 - Current Chemotherapy
- **Tier 2**
 - High Dose Steroids
 - Chemotherapy in the last year
 - Other Immunotherapy
 - Comorbid Conditions

COVID-19 Disease Issues

- **Infectivity**
- **Infection**
- **Hospitalization**
- **ICU Admission**
- **Death**

Amelioration (making something better; improvement)

Patients and Contacts

- **Masking**
- **Social Distancing**
- **Vaccines**
- **Monoclonal Antibodies**
 - High Risk Patients
 - Early Symptomatic Patients



Thank you.
Questions?

Community Resources

www.vaccines.gov

211 Michigan

211 or 844-875-9211

www.mi211.org

Area Agency on Aging of Northwest Michigan (AAANM)

1-800-442-1713, 231-947-8920

info@aaanm.org

Senior hotline: 231-715-5557

Northwest Michigan Health Services

www.nmhsi.org

231-947-0351

Grand Traverse County Health Department

www.grandtraverse.org/2394

gtchd@gtcountymi.gov or 231-995-6111

Health Department of Northwest Michigan and Benzie Leelanau District Health Dept.

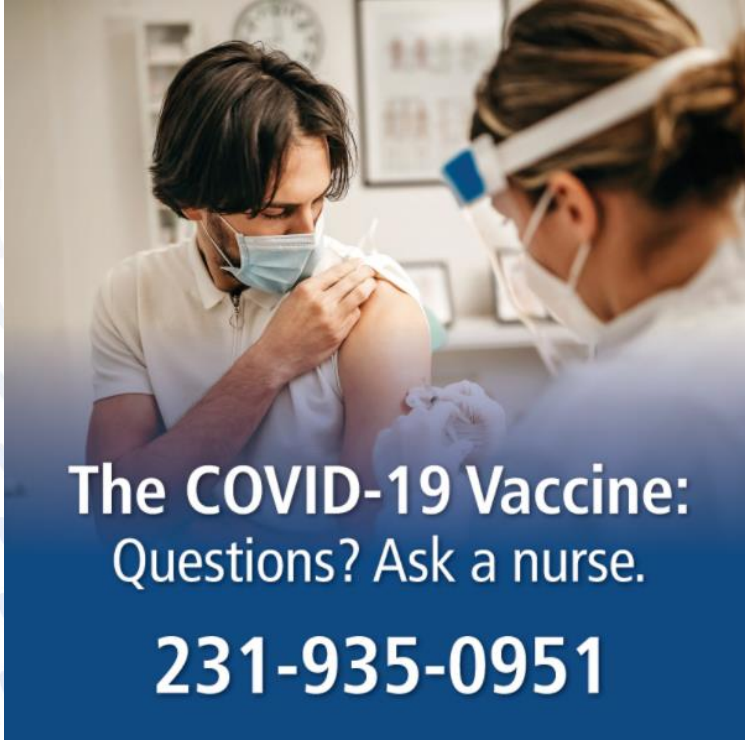
www.nwhealth.org

www.bldhd.org

District Health Department #10

covid@dhd10.org or www.dhd10.org

Sign up for Public Health Alerts
at www.dhd10.org/subscribe



The COVID-19 Vaccine:
Questions? Ask a nurse.

231-935-0951



Sign up for our Newsletter:
munsonhealthcare.org/newsletter



Follow us on Facebook, LinkedIn,
Instagram, Twitter, and YouTube



Visit us at munsonhealthcare.org