



Western Michigan University
ScholarWorks at WMU

Michigan COVID-19 Hospital Data

Michigan COVID-19 State Data

10-20-2020

2020-10-20_MichiganOverview_COVIDbedPPE

Michigan Department of Health & Human Services

Follow this and additional works at: <https://scholarworks.wmich.edu/michigan-covid-data-state-hospital>



Part of the Public Health Commons

WMU ScholarWorks Citation

Michigan Department of Health & Human Services, "2020-10-20_MichiganOverview_COVIDbedPPE" (2020). *Michigan COVID-19 Hospital Data*. 144.

<https://scholarworks.wmich.edu/michigan-covid-data-state-hospital/144>

This MDHHS is brought to you for free and open access by the Michigan COVID-19 State Data at ScholarWorks at WMU. It has been accepted for inclusion in Michigan COVID-19 Hospital Data by an authorized administrator of ScholarWorks at WMU. For more information, please contact wmu-scholarworks@wmich.edu.



Statewide Available PPE and Bed Tracking

Note: Data on this page is updated Monday - Friday.

Statewide Hospital Capacity Report for COVID-19*10/20/2020**

	Hospital Beds	Adult Hospital Beds	Hospital Inpatient Beds	Hospital Inpatient Bed Occupancy	Adult Hospital Inpatient Beds	Adult Hospital Inpatient Bed Occupancy	ICU Beds	ICU Bed Occupancy	Adult ICU Beds	Adult ICU Bed Occupancy	Total Ventilators	Mechanical Ventilators in use
Region 1	2,018	1,750	1,701	1,300	1,550	1,211	207	181	193	176	209	49
Region 2N	5,744	5,425	5,183	3,975	4,828	3,798	534	436	518	426	868	237
Region 2S	7,669	6,583	6,709	5,311	5,844	4,666	1,040	813	728	593	1,285	475
Region 3	3,025	2,772	2,724	2,121	2,565	1,995	431	359	352	309	511	212
Region 5	1,894	1,809	1,594	1,138	1,560	1,120	211	133	203	128	289	56
Region 6	3,576	2,829	2,734	2,031	2,500	1,848	380	295	248	176	548	105
Region 7	1,032	960	1,011	610	946	576	198	128	176	121	116	20
Region 8	793	762	621	317	497	302	82	55	57	43	106	6
Total	25,751	22,890	22,277	16,803	20,290	15,516	3,083	2,400	2,475	1,972	3,932	1,160

*83% response rate **Data is preliminary and subject to change

COVID-19 Metrics 10/20/2020

HCC Region	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
Total Hospitalized Adult Suspected/Confirmed	120	281	234	184	136	163	18	41	1177
Adult Confirmed-Positive COVID	85	196	177	165	135	145	13	36	952
Hospitalized Peds Confirmed/Suspected	2	0	9	0	0	3	0	0	14
Hospitalized Ped Confirmed-Positive	1	0	6	0	0	1	0	0	8
Hospitalized and Ventilated COVID	7	25	34	18	8	9	1	4	106
Adult ICU Confirmed/Suspected COVID	24	48	58	54	26	43	14	16	283
ICU Adult Confirmed-Positive COVID	21	41	52	53	26	43	11	16	263
Prev Day COVID Related ED Visits	61	261	354	117	70	165	21	58	1108

Changes have recently been made to the clinical variables shared on the MDHHS website. These changes were made to align with the new reporting requirements from the federal government. To better accommodate all users of this data, MDHHS is expanding the data provided from the previous clinical variables section to the information described in the new clinical variables section. Data users should carefully consider which variables meet their current or ongoing needs for information.

Previous Clinical Variables:

of ED Discharges - The number of patients discharged home (or equivalent) from ED with suspected or confirmed COVID-19 in past 24 hours. INCLUDE hospital urgent care and ED drive through.

in Critical Care - The CURRENT number of patients in critical care units with suspected or confirmed COVID-19. INCLUDE non-critical care areas being used for surge critical care. DO NOT INCLUDE ED boarding/overflow (patients currently admitted and awaiting bed).

on Ventilators - The CURRENT number of patients receiving mechanical ventilation with suspected or confirmed COVID-19. DO NOT INCLUDE ED boarding/overflow (patients currently admitted and awaiting bed) and surge critical care areas.

of Inpatients - The total number of positive tests for COVID-19 among admitted patients.

New Clinical Variables:

Previous Day's COVID-19-related ED Visits (Enter the total number of ED visits who were seen on the previous calendar day who had a visit related to COVID-19 (meets suspected or confirmed definition or presents for COVID diagnostic testing – do not count patients who present for pre-procedure screening).)

Total ICU adult suspected or confirmed positive COVID patients (Patients currently hospitalized in an adult ICU bed who have suspected or laboratory-confirmed COVID-19.)

Hospitalized ICU adult confirmed-positive COVID patients (same as above, laboratory confirmed only)

Hospitalized and ventilated COVID patients (Patients currently hospitalized in an adult, pediatric or neonatal inpatient bed who have suspected or laboratory-confirmed COVID-19 and are on a mechanical ventilator (as defined in 7 above).)

Total hospitalized adult suspected or confirmed positive COVID patients (Patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed or suspected COVID-19. Include those in observation beds.)

Hospitalized adult confirmed-positive COVID patients (same as above, laboratory confirmed only)

Total hospitalized pediatric suspected or confirmed positive COVID patients (Patients currently hospitalized in a pediatric inpatient bed, including NICU, newborn, and nursery, who are suspected or laboratory-confirmed-positive for COVID-19. Include those in observation beds.)

Hospitalized pediatric confirmed-positive COVID patients (Patients currently hospitalized in a pediatric inpatient bed, including NICU, newborn, and nursery, who have laboratory-confirmed COVID-19. Include those in observation beds.)

Statewide Hospital Available PPE Tracking for COVID-19* 10/20/2020**

	N95 Masks	PAPR/ Other Respirators	Surgical Mask	Eye Protection	Gowns	Launderable Gowns	Exam Gloves (single)
Region 1	200,847	205	1,474,998	153,465	249,132	3,990	7,681,314
Region 2N	222,606	538	347,720	101,200	132,284	6,817	5,726,027
Region 2S	407,977	986	820,143	205,256	308,672	13,267	3,675,536
Region 3	231,295	454	1,067,284	68,316	544,933	1,946	6,405,321
Region 5	85,578	366	395,301	23,138	100,781	1,138	2,516,874
Region 6	902,576	590	5,282,959	163,682	178,141	24,620	16,004,365
Region 7	25,278	393	88,759	21,811	23,694	3,963	1,232,166
Region 8	103,138	210	401,391	30,388	65,481	2,269	2,275,068
Totals	2,179,295	3,742	9,878,555	767,256	1,603,118	58,010	45,516,671

*80% response rate **Data is preliminary and subject to change

- Data is self-reported by hospitals daily to the EM Resource System per [MDHHS Director Robert Gordon's Emergency Order](#).
- Changes in inventory numbers have likely occurred since reporting was completed.
- This information will be updated daily by 7 p.m.

- Information about Healthcare Coalition Regions is available on the [MDHHS website](#).

Region 1 – Clinton, Eaton, Gratiot, Hillsdale, Ingham, Jackson, Lenawee, Livingston and Shiawassee counties.

Region 2S – City of Detroit and Monroe, Washtenaw and Wayne counties.

Region 2N - Macomb, Oakland and St. Clair counties.

Region 3 - Saginaw, Alcona, Iosco, Ogemaw, Arenac, Gladwin, Midland, Bay, Genesee, Tuscola, Lapeer, Sanilac and Huron counties.

Region 5 - Allegan, Barry, Calhoun, Branch, St. Joseph, Cass, Berrien, Van Buren and Kalamazoo counties.

Region 6 - Clare, Ionia, Isabella, Kent, Lake, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola and Ottawa counties.

Region 7 - Manistee, Wexford, Missaukee, Roscommon, Benzie, Leelanau, Grand Traverse, Kalkaska, Crawford, Oscoda, Antrim, Otsego, Montmorency, Alpena, Presque Isle, Cheboygan, Emmet and Charlevoix counties.

Region 8 - Chippewa, Mackinac, Luce, Schoolcraft, Delta, Alger, Marquette, Dickinson, Menominee, Baraga, Iron, Gogebic, Ontonagon, Houghton and Keweenaw counties.

PPE Days On Hand as of 10/19/2020

Health System/Hospital	N95 Masks	Surgical Masks	Surgical Gowns	Eye Protection	Gloves	System/Independent
Ascension	21+ days	0-6 days	7-14 days	21+ days	15-21 days	Health System
Aspirus	21+ days	15-21 days	21+ days	21+ days	21+ days	Health System
Baraga County Memorial Hospital	21+ days	21+ days	21+ days	7-14 days	0-6 days	Independent
Beaumont	7-14 days	0-6 days	0-6 days	21+ days	7-14 days	Health System
Bronson	21+ days	0-6 days	15-21 days	21+ days	0-6 days	Health System
Covenant	21+ days	21+ days	21+ days	21+ days	0-6 days	Health System
Deckerville Community Hospital	21+ days	7-14 days	21+ days	21+ days	21+ days	Independent
Detroit Medical Center	21+ days	7-14 days	21+ days	21+ days	7-14 days	Health System
Dickinson Memorial Health Care System	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Eaton Rapids Medical Center	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Harbor Beach Community Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Helen Newberry Joy Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Henry Ford Health System	21+ days	7-14 days	15-21 days	21+ days	0-6 days	Health System
Hills and Dales General Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Hillsdale Hospital	21+ days	21+ days	0-6 days	7-14 days	21+ days	Independent
Holland Community Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Hurley Medical Center	21+ days	0-6 days	0-6 days	0-6 days	21+ days	Health System
Kalkaska Memorial Health Center	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Mackinac Straits Hospital	21+ days	15-21 days	21+ days	21+ days	21+ days	Independent
Marlette Regional Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
McKenzie Memorial Hospital	21+ days	21+ days	21+ days	21+ days	7-14 days	Independent
McLaren	21+ days	7-14 days	21+ days	21+ days	21+ days	Health System
Memorial Healthcare	15-21 days	7-14 days	21+ days	21+ days	7-14 days	Independent
Metro	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Michigan Medicine	21+ days	15-21 days	7-14 days	15-21 days	0-6 days	Health System
MidMichigan Health	0-6 days	0-6 days	0-6 days	0-6 days	0-6 days	Health System
Munising Memorial Hospital	21+ days	15-21 days	21+ days	21+ days	21+ days	Independent
Munson Health System	0-6 days	0-6 days	0-6 days	21+ days	7-14 days	Health System
North Ottawa Community Hosp	21+ days	7-14 days	7-14 days	21+ days	21+ days	Independent
OSF St. Francis Hospital	21+ days	15-21 days	21+ days	21+ days	15-21 days	Independent
Oaklawn Hospital	21+ days	21+ days	21+ days	21+ days	0-6 days	Independent
Pontiac General Hospital	21+ days	0-6 days	21+ days	21+ days	0-6 days	Independent
Prime Health	21+ days	7-14 days	21+ days	21+ days	15-21 days	Health System
ProMedica	21+ days	0-6 days	7-14 days	7-14 days	0-6 days	Health System
Scheurer Hospital	21+ days	0-6 days	21+ days	21+ days	21+ days	Independent
Schoolcraft Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Sheridan Community Hospital	21+ days	0-6 days	15-21 days	21+ days	0-6 days	Independent
Sparrow Health System	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Spectrum	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Straith Hospital	21+ days	7-14 days	21+ days	21+ days	21+ days	Independent
Sturgis Hospital	15-21 days	21+ days	21+ days	21+ days	21+ days	Independent
Three Rivers Health	0-6 days	15-21 days	21+ days	21+ days	21+ days	Independent
Trinity	21+ days	7-14 days	21+ days	21+ days	0-6 days	Health System
UP Health	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
War Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent

Patient Census as of 10/19/2020

Health System/Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy %
Ascension	137	35	81.00%
Aspirus	7	2	26.90%
Baraga County Memorial Hospital	0	0	40.00%
Beaumont	156	28	71.60%
Bronson	41	11	73.80%
Covenant	36	12	84.00%
Deckerville Community Hospital	0	0	0.00%
Detroit Medical Center	48	15	78.70%
Dickinson Memorial Health Care System	4	3	49.00%
Eaton Rapids Medical Center	0	0	10.00%
Harbor Beach Community Hospital	0	0	6.70%
Helen Newberry Joy Hospital	0	0	15.20%
Henry Ford Health System	140	30	78.30%
Hills and Dales General Hospital	0	0	17.10%
Hillsdale Hospital	0	0	34.50%
Holland Community Hospital	3	0	55.70%
Hurley Medical Center	18	4	100.00%
Kalkaska Memorial Health Center	0	0	25.00%
Mackinac Straits Hospital	0	0	13.30%
Marlette Regional Hospital	1	0	40.00%
McKenzie Memorial Hospital	0	0	8.00%
McLaren	102	28	73.00%
Memorial Healthcare	1	1	27.20%
Metro	8	1	63.00%
Michigan Medicine	21	3	85.30%
MidMichigan Health	40	4	53.00%
Munising Memorial Hospital	1	0	21.40%
Munson Health System	12	12	58.20%
North Ottawa Community Hosp	0	0	17.10%
Oaklawn Hospital	5	5	48.10%
OSF St. Francis Hospital	6	2	62.50%
Pontiac General Hospital	0	0	5.40%
Prime Health	3	0	54.00%
ProMedica	19	5	28.00%
Scheurer Hospital	0	0	26.30%
Schoolcraft Memorial Hospital	0	0	41.70%
Sheridan Community Hospital	0	0	18.80%
Sparrow Health System	38	5	60.90%
Spectrum	87	25	74.50%
Straith Hospital	0	0	25.00%
Sturgis Hospital	0	0	60.00%
Three Rivers Health	1	0	36.40%
Trinity	94	28	73.70%
UP Health	19	6	69.70%
War Memorial Hospital	2	2	29.90%
Grand Total	1,050	267	71.00%

The information is aggregated by health system for those hospitals that are part of a health system. This is because systems are centrally tracking and distributing personal protection equipment (PPE) amongst their various facilities and looking at patient surge and load from a system perspective. Non-system hospitals are identified as individual hospitals. The data reflects the status in health systems and hospitals 48 hours prior to the time that the data was posted to this website. This information has been compiled by the Michigan Health & Hospital Association (MHA) on behalf of the Michigan Department of Health & Human Services (MDHHS). The data is from the state of Michigan's EMResource data system. Hospitals are required to enter data into EMResource. The data reflects the status in the hospital or health system from the previous 48 hour period. **General Information:** [Tableau Dashboard of Health System/Hospital Data](#)

DATA DICTIONARY:

PPE Days on Hand - This is a calculation based on a number of factors including the amount of PPE, the number of COVID-19 patients, beds, industry standard usage and conservation techniques.

COVID-19 Patients – Confirmed positive patients, as well as patients who are currently pending and under investigation (PUI). This includes COVID-19 patients in the ICU.

COVID-19 Patients in ICU - Confirmed positive patients and suspected patients in intensive care unit (ICU).

Bed Occupancy - The percentage of staffed inpatient beds occupied by any patient regardless of COVID-19 status. This includes surge or overflow beds.

NAVIGATION:

There are three data tabs that display information:

Dashboard - PPE status and Patient Census for a specific health system or hospital

Patient Census - Patient census for all health systems/hospitals in Michigan

PPE - Personal protective equipment status for all health systems/hospitals in Michigan