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Michigan COVID-19 Hospital Data

Michigan COVID-19 State Data

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9-16-2020

## 2020-09-16\_MichiganOverview\_COVIDbedPPE

Michigan Department of Health & Human Services

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# Coronavirus

CORONAVIRUS



## Statewide Available PPE and Bed Tracking

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

Statewide Hospital Capacity Report for COVID-19\* 09/16/2020\*\*

	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
<b>Region 1</b>	1,896	1,833	1,565	1,164	1,512	1,103	207	166	193	159	210	32
<b>Region 2N</b>	5,529	3,864	5,010	3,901	3,529	2,739	546	430	351	291	856	178
<b>Region 2S</b>	6,810	5,130	6,011	4,724	4,643	3,722	980	753	630	504	1,192	410
<b>Region 3</b>	2,918	2,109	2,632	2,059	2,039	1,553	392	314	239	205	463	152
<b>Region 5</b>	1,705	1,262	1,382	937	1,075	708	191	102	148	78	282	51
<b>Region 6</b>	2,939	2,648	2,473	1,735	2,239	1,548	384	297	252	179	504	81
<b>Region 7</b>	1,011	960	1,011	614	946	596	198	139	176	132	116	15
<b>Region 8</b>	715	694	716	336	605	322	74	50	58	37	103	5
<b>Total</b>	<b>23,523</b>	<b>18,500</b>	<b>20,800</b>	<b>15,470</b>	<b>16,588</b>	<b>12,291</b>	<b>2,972</b>	<b>2,251</b>	<b>2,047</b>	<b>1,585</b>	<b>3,726</b>	<b>924</b>

\*93.38% response rate \*\*Data is preliminary and subject to change

### COVID-19 Metrics 09/16/2020



HCC Region	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
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HCC Region	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
<b>Total Hospitalized Adult Suspected/Confirmed</b>	39	177	165	70	29	48	17	3	548
<b>Adult Confirmed-Positive COVID</b>	20	106	95	49	29	30	9	1	339
<b>Hospitalized Peds Confirmed/Suspected</b>	1	4	5	0	0	0	0	0	10
<b>Hospitalized Ped Confirmed-Positive</b>	0	2	2	0	0	0	0	0	4
<b>Hospitalized and Ventilated COVID</b>	4	12	22	15	2	8	2	0	65
<b>Adult ICU Confirmed/Suspected COVID</b>	14	34	33	27	3	18	14	2	145
<b>ICU Adult Confirmed-Positive COVID</b>	9	24	26	23	3	16	9	1	111
<b>Prev Day COVID Related ED Visits</b>	48	96	200	26	47	106	28	47	598

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\* 09/16/2020\*\***

	<b>N95 Masks</b>	<b>PAPR/ Other Respirators</b>	<b>Surgical Mask</b>	<b>Eye Protection</b>	<b>Gowns</b>	<b>Launderable Gowns</b>	<b>Exam Gloves (single)</b>
<b>Region 1</b>	210,489	204	971,350	155,836	228,258	5,814	6,465,563
<b>Region 2N</b>	242,468	318	269,181	102,218	134,083	9,612	6,707,112
<b>Region 2S</b>	383,428	826	763,928	195,917	267,641	14,710	3,233,643
<b>Region 3</b>	193,588	230	1,076,359	68,586	553,015	810	5,933,727
<b>Region 5</b>	60,265	204	553,765	24,141	47,314	1,090	2,110,720
<b>Region 6</b>	793,253	570	5,157,631	146,103	92,734	29,876	14,621,466
<b>Region 7</b>	26,506	338	95,407	22,827	15,719	2,000	1,419,912
<b>Region 8</b>	96,330	239	423,829	30,700	79,289	2,322	2,255,987
<b>Totals</b>	<b>2,006,327</b>	<b>2,929</b>	<b>9,311,450</b>	<b>746,328</b>	<b>1,418,053</b>	<b>66,234</b>	<b>4,274,8130</b>

\*74% 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 09/14/2020**

<b>Health System/Hospital</b>	<b>N95 Masks</b>	<b>Surgical Masks</b>	<b>Surgical Gowns</b>	<b>Eye Protection</b>	<b>Gloves</b>	<b>System/Independent</b>
Ascension	21+ days	0-6 days	15-21 days	21+ days	21+ days	Health System
Aspirus	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Baraga County Memorial Hospital	21+ days	21+ days	21+ days	7-14 days	21+ days	Independent
Beaumont	15-21 days	0-6 days	0-6 days	21+ days	0-6 days	Health System
Bronson	21+ days	0-6 days	21+ days	21+ days	7-14 days	Health System
Covenant	21+ days	21+ days	21+ days	21+ days	7-14 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	0-6 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	21+ days	21+ days	0-6 days	Health System
Hills and Dales General Hospital	21+ days	15-21 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	0-6 days	21+ days	21+ days	Independent
Mackinac Straits Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Marlette Regional Hospital	21+ days	21+ days	7-14 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	7-14 days	7-14 days	21+ days	21+ days	21+ days	Independent
Metro	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
Michigan Medicine	21+ days	7-14 days	7-14 days	15-21 days	0-6 days	Health System
MidMichigan Health	0-6 days	0-6 days	7-14 days	21+ days	7-14 days	Health System
Munising Memorial Hospital	21+ days	7-14 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	7-14 days	21+ days	Independent
OSF St. Francis Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent

Health System/Hospital	N95 Masks	Surgical Masks	Surgical Gowns	Eye Protection	Gloves	System/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	21+ days	Health System
ProMedica	15-21 days	0-6 days	7-14 days	15-21 days	0-6 days	Health System
Scheurer Hospital	21+ days	21+ 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	7-14 days	21+ days	21+ days	Health System
Straith Hospital	21+ days	15-21 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	0-6 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 09/14/2020

Health System/Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy %
Ascension	78	24	74.30%
Aspirus	2	0	19.70%
Baraga County Memorial Hospital	0	0	40.00%
Beaumont	112	21	74.70%
Bronson	17	6	69.10%
Covenant	23	10	78.80%
Deckerville Community Hospital	0	0	0.00%
Detroit Medical Center	22	9	75.20%
Dickinson Memorial Health Care System	0	1	53.10%
Eaton Rapids Medical Center	0	0	30.00%
Harbor Beach Community Hospital	0	0	33.30%
Helen Newberry Joy Hospital	0	0	12.10%
Henry Ford Health System	104	24	78.00%
Hills and Dales General Hospital	0	0	8.60%
Hillsdale Hospital	0	0	38.20%
Holland Community Hospital	4	0	67.80%
Hurley Medical Center	3	1	100.00%
Kalkaska Memorial Health Center	0	0	37.50%
Mackinac Straits Hospital	0	0	26.70%
Marlette Regional Hospital	1	0	28.00%
McKenzie Memorial Hospital	0	0	12.00%
McLaren	65	22	73.70%
Memorial Healthcare	1	1	43.20%
Metro	2	0	50.00%
Michigan Medicine	15	2	81.80%
MidMichigan Health	13	1	56.90%
Munising Memorial Hospital	0	0	21.40%
Munson Health System	5	5	66.70%
North Ottawa Community Hosp	0	0	20.00%
Oaklawn Hospital	1	0	44.20%
OSF St. Francis Hospital	0	0	16.00%
Pontiac General Hospital	0	0	0.80%

Health System/Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy %
Prime Health	7	0	76.70%
ProMedica	6	2	33.30%
Scheurer Hospital	1	0	18.20%
Schoolcraft Memorial Hospital	1	0	41.70%
Sheridan Community Hospital	0	0	12.50%
Sparrow Health System	8	2	73.80%
Spectrum	38	10	70.00%
Straith Hospital	0	0	37.50%
Sturgis Hospital	0	0	70.00%
Three Rivers Health	0	0	40.90%
Trinity	59	10	74.50%
UP Health	1	0	68.80%
War Memorial Hospital	1	1	33.00%
Grand Total	590	152	70.80%

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



  
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