



Western Michigan University
ScholarWorks at WMU

Michigan COVID-19 Hospital Data

Michigan COVID-19 State Data

11-11-2020

2020-11-11_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, "2020-11-11_MichiganOverview_COVIDbedPPE" (2020). *Michigan COVID-19 Hospital Data*. 170.

<https://scholarworks.wmich.edu/michigan-covid-data-state-hospital/170>

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*11/11/2020**

| | 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 | 2,056 | 1,882 | 1,774 | 1,384 | 1,643 | 1,275 | 210 | 171 | 198 | 166 | 229 | 68 |
| Region 2N | 5,927 | 5,600 | 5,352 | 4,270 | 5,020 | 4,106 | 557 | 464 | 541 | 456 | 875 | 215 |
| Region 2S | 8,312 | 7,212 | 7,370 | 6,164 | 6,372 | 5,440 | 1,035 | 862 | 744 | 635 | 1,299 | 527 |
| Region 3 | 3,317 | 3,126 | 3,101 | 2,528 | 2,861 | 2,379 | 434 | 377 | 364 | 337 | 535 | 257 |
| Region 5 | 1,908 | 1,840 | 1,599 | 1,149 | 1,539 | 1,128 | 214 | 136 | 203 | 133 | 303 | 69 |
| Region 6 | 3,428 | 2,955 | 3,036 | 2,364 | 2,701 | 2,094 | 380 | 312 | 248 | 200 | 560 | 129 |
| Region 7 | 1,032 | 960 | 1,011 | 591 | 946 | 578 | 198 | 140 | 176 | 134 | 115 | 20 |
| Region 8 | 754 | 723 | 568 | 313 | 516 | 304 | 79 | 54 | 58 | 49 | 120 | 8 |
| Total | 26,734 | 24,298 | 23,811 | 18,763 | 21,598 | 17,304 | 3,107 | 2,516 | 2,532 | 2,110 | 4,036 | 1,293 |

*87% response rate **Data is preliminary and subject to change

COVID-19 Metrics 11/11/2020

| 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 | 250 | 809 | 597 | 491 | 233 | 520 | 93 | 79 | 3072 |
| Adult Confirmed-Positive COVID | 200 | 641 | 510 | 443 | 229 | 505 | 87 | 71 | 2686 |
| Hospitalized Peds Confirmed/Suspected | 1 | 5 | 9 | 3 | 0 | 3 | 0 | 0 | 21 |
| Hospitalized Ped Confirmed-Positive | 0 | 1 | 5 | 1 | 0 | 3 | 0 | 0 | 10 |
| Hospitalized and Ventilated COVID | 20 | 45 | 72 | 47 | 15 | 49 | 8 | 7 | 263 |
| Adult ICU Confirmed/Suspected COVID | 63 | 92 | 106 | 98 | 43 | 114 | 57 | 31 | 604 |
| ICU Adult Confirmed-Positive COVID | 60 | 80 | 103 | 91 | 43 | 114 | 54 | 26 | 571 |
| Prev Day COVID Related ED Visits | 119 | 596 | 502 | 183 | 184 | 409 | 47 | 85 | 2125 |

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* 11/11/2020**

| | N95 Masks | PAPR/ Other Respirators | Surgical Mask | Eye Protection | Gowns | Launderable Gowns | Exam Gloves (single) |
|------------------|-----------|-------------------------|---------------|----------------|---------|-------------------|----------------------|
| Region 1 | 292,515 | 177 | 2,693,417 | 242,942 | 426,703 | 5,096 | 17,546,797 |
| Region 2N | 265,640 | 548 | 442,784 | 108,977 | 159,029 | 5,343 | 7,863,571 |
| Region 2S | 940,593 | 1,148 | 4,556,575 | 440,455 | 921,049 | 13,334 | 10,194,208 |
| Region 3 | 320,143 | 509 | 2,010,903 | 112,379 | 761,998 | 1,971 | 5,833,601 |
| Region 5 | 86,597 | 363 | 455,431 | 26,591 | 101,910 | 1,138 | 3,579,797 |
| Region 6 | 917,901 | 594 | 6,106,510 | 163,702 | 181,823 | 14,798 | 14,826,035 |
| Region 7 | 67,830 | 418 | 1,845,517 | 82,500 | 63,203 | 3,884 | 6,278,976 |

| | N95 Masks | PAPR/ Other Respirators | Surgical Mask | Eye Protection | Gowns | Launderable Gowns | Exam Gloves (single) |
|-----------------|------------------|-------------------------|-------------------|------------------|------------------|-------------------|----------------------|
| Region 8 | 125,911 | 232 | 403,814 | 31,640 | 82,091 | 4,174 | 2,457,077 |
| Totals | 3,017,130 | 3,989 | 18,514,951 | 1,209,186 | 2,697,806 | 49,738 | 68,580,062 |

*86% 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 11/09/2020

| 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 | 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 | 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 | 15-21 days | 15-21 days | 0-6 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 | 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 | 21+ days | 21+ days | 7-14 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 | 21+ 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 | 0-6 days | Independent |
| McLaren | 21+ days | 15-21 days | 21+ days | 21+ days | 21+ days | Health System |
| Memorial Healthcare | 7-14 days | 15-21 days | 21+ days | 21+ days | 0-6 days | Independent |
| Metro | 21+ days | 21+ days | 21+ days | 21+ days | 21+ days | Health System |
| Michigan Medicine | 21+ days | 21+ days | 21+ days | 21+ days | 21+ days | Health System |
| MidMichigan Health | 0-6 days | 0-6 days | 21+ days | 21+ days | 7-14 days | Health System |
| Munising Memorial Hospital | 21+ days | 15-21 days | 21+ days | 21+ days | 21+ days | Independent |

| Health System/Hospital | N95 Masks | Surgical Masks | Surgical Gowns | Eye Protection | Gloves | System/Independent |
|-------------------------------|-----------|----------------|----------------|----------------|------------|--------------------|
| Munson Health System | 21+ days | 21+ days | 21+ days | 21+ days | 21+ days | Health System |
| North Ottawa Community Hosp | 21+ days | 21+ days | 0-6 days | 15-21 days | 21+ days | Independent |
| OSF St. Francis Hospital | 21+ days | 15-21 days | 21+ days | 21+ days | 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 | 21+ days | Health System |
| ProMedica | 21+ days | 0-6 days | 15-21 days | 7-14 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 | 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 | 21+ days | 21+ days | 21+ days | 21+ days | 21+ days | Independent |
| Three Rivers Health | 7-14 days | 7-14 days | 21+ days | 21+ days | 15-21 days | Independent |
| Trinity | 21+ days | 15-21 days | 15-21 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 11/09/2020

| Health System/Hospital | COVID-19 Patients | COVID-19 Patients in ICU | Bed Occupancy % |
|---------------------------------------|-------------------|--------------------------|-----------------|
| Ascension | 277 | 53 | 83.80% |
| Aspirus | 12 | 8 | 29.50% |
| Baraga County Memorial Hospital | 0 | 0 | 20.00% |
| Beaumont | 336 | 47 | 74.80% |
| Bronson | 79 | 15 | 77.00% |
| Covenant | 111 | 22 | 78.80% |
| Deckerville Community Hospital | 0 | 0 | 16.70% |
| Detroit Medical Center | 74 | 16 | 80.20% |
| Dickinson Memorial Health Care System | 12 | 2 | 55.10% |
| Eaton Rapids Medical Center | 0 | 0 | 30.00% |
| Harbor Beach Community Hospital | 0 | 0 | 6.70% |
| Helen Newberry Joy Hospital | 2 | 0 | 15.20% |
| Henry Ford Health System | 354 | 88 | 78.10% |
| Hills and Dales General Hospital | 3 | 0 | 31.40% |
| Hillsdale Hospital | 4 | 0 | 23.60% |
| Holland Community Hospital | 39 | 2 | 74.80% |
| Hurley Medical Center | 31 | 3 | 98.20% |
| Kalkaska Memorial Health Center | 0 | 0 | 0.00% |
| Mackinac Straits Hospital | 0 | 0 | 13.30% |
| Marlette Regional Hospital | 3 | 0 | 28.00% |
| McKenzie Memorial Hospital | 0 | 0 | 24.00% |
| McLaren | 260 | 66 | 75.90% |
| Memorial Healthcare | 7 | 3 | 42.00% |
| Metro | 34 | 4 | 71.20% |
| Michigan Medicine | 51 | 15 | 84.40% |
| MidMichigan Health | 63 | 10 | 54.00% |
| Munising Memorial Hospital | 0 | 0 | 28.60% |
| Munson Health System | 45 | 26 | 61.00% |
| North Ottawa Community Hosp | 5 | 2 | 20.00% |
| Oaklawn Hospital | 11 | 6 | 49.40% |
| OSF St. Francis Hospital | 5 | 2 | 46.90% |
| Pontiac General Hospital | 0 | 0 | 3.10% |
| Prime Health | 18 | 4 | 69.30% |
| ProMedica | 38 | 5 | 30.10% |
| Scheurer Hospital | 1 | 0 | 7.90% |
| Schoolcraft Memorial Hospital | 2 | 0 | 25.00% |
| Sheridan Community Hospital | 0 | 0 | 80.00% |
| Sparrow Health System | 87 | 11 | 64.40% |
| Spectrum | 247 | 57 | 80.30% |
| Straith Hospital | 0 | 0 | 33.30% |

| Health System/Hospital | COVID-19 Patients | COVID-19 Patients in ICU | Bed Occupancy % |
|------------------------|-------------------|--------------------------|-----------------|
| Sturgis Hospital | 3 | 0 | 80.00% |
| Three Rivers Health | 2 | 1 | 38.60% |
| Trinity | 318 | 55 | 80.90% |
| UP Health | 29 | 12 | 63.20% |
| War Memorial Hospital | 2 | 1 | 63.90% |
| Grand Total | 2,565 | 536 | 74.00% |

Data Dictionary: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](#)

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