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Michigan COVID-19 Hospital Data

Michigan COVID-19 State Data

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4-23-2020

## 2020-04-23\_MichiganOverview\_COVIDbedPPE

Michigan Department of Health & Human Services

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# Coronavirus

CORONAVIRUS



## Statewide Available PPE and Bed Tracking

Statewide Available Bed Tracking for COVID-19\* 04/23/2020

Regions	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	TOTAL
Total Number of Hospital Beds	1739	5400	7125	3154	2118	2816	965	713	24030
Hospital Inpatient Beds	1524	5055	6458	2354	1510	2233	930	541	20605
Hospital Inpatient Bed Occupancy	872	3142	4259	1527	1036	1126	422	210	12594
ICU Beds	205	555	1236	373	196	402	76	57	3100
ICU Bed Occupancy	132	452	959	270	117	267	25	29	2251
Negative Pressure Isolation Total	263	309	596	237	240	236	171	89	2141
Negative Pressure Isolation Available	162	83	152	79	118	134	138	69	935
Mechanical Ventilators	238	834	1207	317	184	432	102	79	3393
Available Ventilators	169	491	569	196	136	345	89	77	2072
Available Operating Room	34	67	67	79	40	90	40	28	445
Available Adult MedSurg	263	513	1077	742	508	789	324	280	4496
Available Burn Care	0	0	17	0	10	49	0	15	91
Available Pediatric	33	100	154	114	43	94	31	44	613

Regions	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	TOTAL
Available Psychiatric	58	93	95	25	74	28	14	26	413
Total Morgue Capacity	55	218	674	112	34	95	30	29	1247
Morgue Availability	23	89	312	67	25	84	28	28	656

\*91.82% response rate

## COVID-19 Metrics

HCC Region	Region 1	Region 2 North	Region 2 South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
# of ED Discharges	124	187	256	58	29	64	19	12	749
# In Critical Care	48	333	567	126	29	41	24	8	1176
# on Ventilators	45	272	521	78	18	26	4	1	965
# of Inpatients	94	1100	1414	247	62	85	18	2	3022

## Statewide Available PPE Tracking for COVID-19\* 04/23/2020

HCC Region	Region 1	Region 2- North	Region 2- South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
CAPRs	50	136	109	267	157	135	39	4	897
Coveralls	30699	10666	27186	2125	1981	1890	3036	1921	79504
Elastomeric Respirator	71	24	7	8	23	14	0	0	147
Elastomeric Respirator Filters	9	73	1907	12	40	36	0	0	2077
Q									
Face Shields	65408	147805	256528	45466	14343	63530	36478	20597	650155
Gloves	1818540	5155454	4955598	3766970	1078082	19627551	6411826	1639198	44453219
Goggles	6005	14879	29957	32708	9603	34002	9619	618	137391
N95 Respirator Masks	77130	204309	526571	155517	48049	270009	57294	41115	1379994

HCC Region	Region 1	Region 2-North	Region 2-South	Region 3	Region 5	Region 6	Region 7	Region 8	Total
<b>PAPR Batteries</b>	216	351	878	221	258	257	244	143	2568
<b>PAPR Filters</b>	415	499	1276	386	314	648	234	351	4123
<b>PAPRs</b>	119	310	1501	105	174	236	178	153	2776
<b>Surgical Gowns</b>	17299	92383	52949	18015	19509	30586	16997	10421	258159
<b>Surgical Isolation Gowns</b>	105020	129590	226491	138835	52263	52200	18688	29413	752500
<b>Surgical Masks/Face masks</b>	904188	542574	1178915	687084	116403	4541740	662088	226651	8859643

\*77% Reporting

- 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 04/23/2020

Health System/Hospital	N95 Masks	Surgical Masks	Surgical Gowns	Shields	Gloves	System/Independent
Ascension	7-14 days	15-21 days	21+ days	21+ days	7-14 days	Health System
Aspirus	15-21 days	15-21 days	21+ days	21+ days	21+ days	Health System
Baraga County Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent

Health System/Hospital	N95 Masks	Surgical Masks	Surgical Gowns	Shields	Gloves	System/Independent
Beaumont	21+ days	0-6 days	7-14 days	21+ days	15-21 days	Health System
Bronson	7-14 days	0-6 days	21+ days	7-14 days	0-6 days	Health System
Covenant	21+ days	21+ days	7-14 days	21+ days	7-14 days	Health System
Deckerville Community Hospital	21+ days	0-6 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	7-14 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	7-14 days	0-6 days	7-14 days	0-6 days	21+ days	Independent
Helen Newberry Joy Hospital	21+ days	21+ days	7-14 days	21+ days	21+ days	Independent
Henry Ford Health System	21+ days	7-14 days	7-14 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	7-14 days	7-14 days	21+ days	7-14 days	21+ days	Independent
Holland Community Hospital	21+ days	21+ days	15-21 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	0-6 days	0-6 days	0-6 days	0-6 days	0-6 days	Independent
Mackinac Straits Hospital	21+ days	7-14 days	21+ days	21+ days	15-21 days	Independent
Marlette Regional Hospital	21+ days	7-14 days	21+ days	21+ days	7-14 days	Independent
McKenzie Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
McLaren	21+ days	0-6 days	21+ days	21+ days	21+ days	Health System
Memorial Healthcare	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Metro	21+ days	15-21 days	21+ days	21+ days	21+ days	Health System
Michigan Medicine	21+ days	0-6 days	7-14 days	21+ days	0-6 days	Health System
MidMichigan Health	7-14 days	0-6 days	15-21 days	7-14 days	0-6 days	Health System
Munising Memorial Hospital	21+ days	7-14 days	21+ days	21+ days	21+ days	Independent
Munson Health System	21+ days	21+ days	21+ days	21+ days	21+ days	Health System
North Ottawa Community Hosp	21+ days	7-14 days	7-14 days	21+ days	21+ days	Independent
Oaklawn Hospital	21+ days	7-14 days	21+ days	0-6 days	21+ days	Independent
OSF St. Francis Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Pontiac General Hospital	21+ days	7-14 days	21+ days	21+ days	21+ days	Independent
Prime Health	21+ days	7-14 days	7-14 days	21+ days	15-21 days	Health System
ProMedica	21+ days	7-14 days	7-14 days	15-21 days	7-14 days	Health System
Scheurer Hospital	21+ days	0-6 days	21+ days	21+ days	15-21 days	Independent
Schoolcraft Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent
Sheridan Community Hospital	21+ days	7-14 days	7-14 days	21+ days	21+ days	Independent
Sparrow Health System	21+ days	21+ days	21+ days	21+ days	15-21 days	Health System
Spectrum	21+ days	21+ days	0-6 days	21+ days	21+ days	Health System
Straith Hospital	7-14 days	7-14 days	21+ days	7-14 days	21+ days	Independent
Sturgis Hospital	7-14 days	7-14 days	21+ days	7-14 days	21+ days	Independent
Three Rivers Health	0-6 days	7-14 days	15-21 days	21+ days	21+ days	Independent
Trinity	21+ days	15-21 days	15-21 days	21+ days	7-14 days	Health System
UP Health	21+ days	7-14 days	21+ days	7-14 days	0-6 days	Health System
War Memorial Hospital	21+ days	21+ days	21+ days	21+ days	21+ days	Independent

## Patient Census as of 04/23/2020

Health System/Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy
Ascension	556	137	64%
Aspirus	0	0	29%
Baraga County Memorial Hospital	0	0	15%
Beaumont	701	174	57%
Bronson	34	16	67%
Covenant	73	24	71%
Deckerville Community Hospital	0	0	0%
Detroit Medical Center	343	129	81%
Dickinson Memorial Health Care System	1	1	16%
Eaton Rapids Medical Center	0	0	15%
Harbor Beach Community Hospital	3	0	33%
Helen Newberry Joy Hospital	0	0	32%
Henry Ford Health System	615	224	66%
Hills and Dales General Hospital	0	0	8%
Hillsdale Hospital	4	2	55%
Holland Community Hospital	10	4	56%
Hurley Medical Center	61	44	87%
Kalkaska Memorial Health Center	0	0	0%
Mackinac Straits Hospital	0	0	20%
Marlette Regional Hospital	3	0	32%
McKenzie Memorial Hospital	0	0	4%
McLaren	285	101	64%
Memorial Healthcare	0	0	44%
Metro	7	1	43%
Michigan Medicine	178	97	68%
MidMichigan Health	28	7	37%
Munising Memorial Hospital	0	0	9%
Munson Health System	17	14	46%
North Ottawa Community Hosp	1	1	17%
Oaklawn Hospital	6	4	38%
OSF St. Francis Hospital	0	0	15%
Pontiac General Hospital	6	1	20%
Prime Health	72	31	66%
ProMedica	20	15	57%
Scheurer Hospital	1	0	21%
Schoolcraft Memorial Hospital	0	0	17%
Q Sheridan Community Hospital	0	0	3% 
Sparrow Health System	67	9	55%
Spectrum	91	18	46%
Straith Hospital	3	0	38%
Sturgis Hospital	0	0	63%
Three Rivers Health	5	0	36%
Trinity	443	94	89%
UP Health	5	5	72%
War Memorial Hospital	0	2	23%
Grand Total	3,639	1,155	61%

## Tableau Dashboard of Health System/Hospital Data

## GENERAL INFORMATION:

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.

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.

#### 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

#### REPORTED COUNTS OF RESPIRATORY OUTBREAKS FROM CONGREGATE SETTINGS

Congregate setting facility types that comprise these facility counts include adult foster care, group homes, homeless shelters, independent living facilities, long term care facilities, nursing homes, prisons and juvenile justice facilities.

These data are collected from several sources, including aggregate reports from Local Health Departments that have been entered into the Michigan Disease Surveillance System under "Unusual Outbreak or Occurrence" linked to COVID-19, and notifications that may come from LHDs and congregate setting facilities directly.

It is important to note that these reports are often snapshots in time and are usually based on an initial reporting of data. These data are provisional and will be updated weekly.



#### Congregate Setting Outbreak Reports by County as of 10am April 23, 2020

County	Grand Total
Arenac	1
Baraga	1
Barry	1

County	Grand Total
Bay	1
Berrien	2
Branch	1
Calhoun	2
Chippewa	1
Clinton	2
Crawford	2
Detroit City	23
Genesee	14
Hillsdale	1
Ingham	4
Iosco	1
Isabella	3
Jackson	8
Kalamazoo	6
Kent	7
Q Lake	1
Lapeer	4
Livingston	2
Luce	1
Macomb	41
Marquette	2





County	Grand Total
Midland	1
Monroe	2
Montcalm	1
Muskegon	2
Oakland	78
Osceola	1
Otsego	1
Ottawa	2
Saginaw	9
Shiawassee	2
St Clair	5
Tuscola	2
Van Buren	2
Washtenaw	18
Wayne	82
<b>Grand Total</b>	<b>340</b>



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