

# VIEW OF FUTURE EMRESOURCE







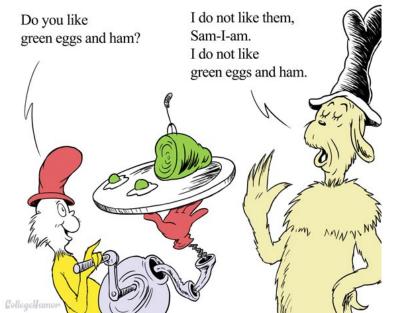
Understand how EMResource can be used in a pediatric medical surge or evacuation Understand the capability of EMResource Understand how to access and navigate EMResource

### OBJECTIVES

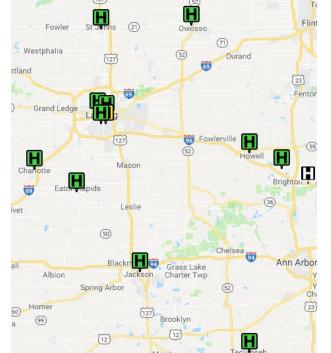


# WHY IS THIS SYSTEM PREFERRED ?







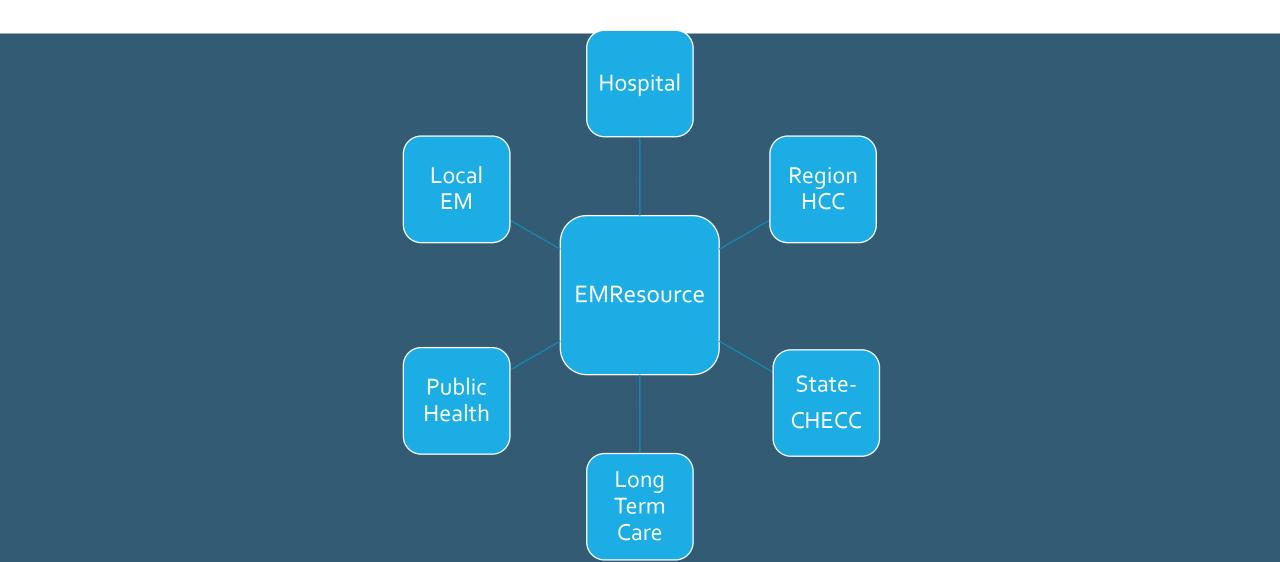


| Bed Capacity: Pediatric | 0 |
|-------------------------|---|
| Bed Capacity: Pediatric | 0 |
| Burn Care               | 0 |
| CritCare-ICU            | 0 |
| Emergency Department    | 9 |
| Neonatal ICU            | 9 |

# CAPABILITY

- Track healthcare resources, availability and facility operations status
- Mass notification from Healthcare Coalition
- Reports
- Mapping asset locations

## VIEWS AND ACCESS



# SYSTEM INFORMATION ONE MORE REMINDER

## Secure Website

# Personal Login/Generic login

Login-case sensitive

Mobile App Available



# WHEN AND HOW IS EMRESOURCE USED?

Daily Updates Varies by Region

Multiple Shelter in Place/Evacuation Incidents

Monthly Exercises

H1N1 Resources/Update

Inventory Update

Vents-Decontamination-Diversion



# **APP VIEW**

| •∎ Verizon 夺      | 3:28 PM<br>MResource | 29% 🔳 , |
|-------------------|----------------------|---------|
| Michigan - I      | Region 1             |         |
| My Default View   |                      | >       |
| Update Resource   | Status               | >       |
| View Hospitals Ne | ear Me               | >       |
| Start New Event   |                      | >       |
| Search Resources  | S                    | >       |
| Edit quick links  |                      |         |
|                   |                      |         |
|                   |                      |         |
| Home View         | vs Events            | More    |

| ••II Ve | erizon 🗢                                | 3:30 P                    | М                   | 29% 🔳 ) |
|---------|---|---------------------------|---------------------|---------|
| <       | I                                       | Resource                  | Details             |         |
| í       | Emergency<br>9<br>May 9, 2019           | Department<br>at 11:17 AM |                     | >       |
| (j)     | Adult ICU<br><b>6</b><br>May 9, 2019    | at 11:17 AM               |                     | >       |
| í       | Adult MedS<br><b>20</b><br>May 9, 2019  | urg<br>at 11:17 AM        |                     | >       |
| (j)     | Burn Care<br><b>O</b><br>May 9, 2019    | at 11:17 AM               |                     | >       |
| (i)     | Pediatric<br><b>22</b><br>May 9, 2019   | at 11:17 AM               |                     | >       |
| (j)     | Pediatric IC<br><b>7</b><br>May 9, 2019 | U<br>at 11:17 AM          |                     | >       |
| í       | Psychiatric<br><b>21</b><br>May 9, 2019 | at 11:17 AM               |                     | >       |
|         |   | $\geq$                    | $\langle ! \rangle$ |         |
| F       | lome                                    | Views                     | Events              | More    |

### WEBSITE AND MOBILE APP INFORMATION

Android https://play.google.com/store/apps/details?id=com.in termedix.emresource&hl=en\_US

IOS

https://itunes.apple.com/us/app/emresource/id53254 7490?mt=8

Website <a href="https://emresource.juvare.com/login">https://emresource.juvare.com/login</a>

| SOFTWARE              | RECOMMENDED   |
|-----------------------|---|
| Browser               | Most recent version of any of the following:<br>•Internet Explorer®<br>•Google Chrome®<br>•Firefox®<br>•Apple® Safari® on Mac OS X  |
| Browser Configuration | <ul> <li>Your browser must be configured to allow cookies from *.juvare.com.</li> <li>TLS 1.2 or higher must be enabled.</li> <li>Your pop-up blocker must be configured to allow pop-ups from *.juvare.com.</li> <li>Microsoft® Windows® users should consider making the Juvare domain (https://*.juvare.com) a trusted site. For Electronic ICS (eICS) users, making the domain a trusted site ensures you can take full advantage of eICS's integration with Microsoft Office®. For information on trusted sites, see the Microsoft Windows Help system.</li> </ul> |
| Operating System      | Windows 7 <sup>®</sup> or later, Linux <sup>®</sup> , or Mac OS <sup>®</sup>  |
| Reader                | Adobe Reader® 9 or later  |

## SYSTEM REQUIREMENTS

### REGIONAL COORDINATORS INFORMATION FOR COORDINATION AND TRAINING SUPPORT



Michigan Emergency Preparedness Regions Map

### Region 1

Matthew Price 2123 University Park Dr., Suite 110 Okemos, MI 48864 Office: 517-324-4404 Fax: 517-324-4406 Email: <u>d1rmrc-matt@sbcglobal.net</u>

### Region 2N

Rick Drummer 705 Barclay Circle, Suite 140 Rochester Hills, MI 48307 Office: 248-759-4748 Fax: 248-759-4751

Email: rdrummer@region2north.com www.region2north.com

### Region 2S

### Amy Shehu

33030 Van Born Road Wayne, MI 48184 Office: 734-728-7674 Fax: 734-902-6000 Email: AShehu@2South.Org

#### www.2south.org

### Region 3

Rob Kelly 1575 Concentric Blvd. Saginaw, MI 48604 Office: 989-746-7757 Fax: 989-746-7767 Email: rob.kelly@cmich.edu www.Region3HCC.org

### Region 5

Rick Winters 1000 Oakland Dr. Kalamazoo, MI 49008 Office: 269-337-4286 Fax: 269-337-6475 Email: richard.winters@med.wmich.edu

### **Region 6**

Luke Aurner 1675 Leahy St., Ste 308B Muskegon, MI 49442 Office: 231-728-1967 Fax: 231-728-1644

### Email: <u>laurner@wmrmc.org</u> www.miregion6.org

### Region 7

### Mark Becmer

80 Livingston Blvd., Suite 106 Gaylord, MI 49735 Office: 989-748-4975 Fax: 989-748-4980 Email: rc@mir7hcc.com www.Mlregion7.com

### Region 8 Ed Unger

1202 Wright St., Suite E Marquette, MI 49855 Office: 906-369-4567 Fax: 906-273-2126 Email: TBD

<u>www.region8.org</u>

## **DEMONSTRATION OF EMRESOURCE**

| EMResource ~ Login × +                    |  |
|---|--|
| → C A https://emresource.juvare.com/login |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   | · · · · · · · · · · · · · · · · · · ·              |
|   | JUVARE   |
|   | Enterprise resilience solutions                    |
|   | EMResource   |
|   | Username   |
|   |  |
|   | Password   |
|   |  |
|   |  |
|   | Log In   |
|   | Forgot Username? Forgot Password? Need Help?       |
|   |  |
|   | Privacy Policy Terms and Conditions www.juvare.com |
|   | © 2019 EMSystems LLC. EMResource 3.40.1-release    |

### https://emresource.demo.juvare.com



# **DRAFT VIEW**

| ECMO<br>Availability | ED<br>Boarding | ED |  | Emergency<br>Department |  | Pediatric<br>ICU | Neonatai<br>ICU | Peds<br>ICU | Peds | Capacity:<br>Emergency | Pediatric | Pediatric | Bed<br>Capacity:<br>Neg | Neonatal | Pediatric |
|----------------------|----------------|----|--|-------------------------|--|------------------|-----------------|-------------|------|------------------------|-----------|-----------|-------------------------|----------|-----------|
|                      |                |    |  |                         |  |                  |                 |             |      | Department             |           |           | Pressure<br>Isolation   | ICU      | ICU       |

Emergency Department beds available

Critical Care

**PICU Beds** 

Open/closed

ECMO Availability

ED boarding

| event Status                               |  |                          |                |                        |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      | 🖨 print | 🛛 excel 😤 re | efresh 🕐 help |
|--|--|--------------------------|----------------|------------------------|------------------|-------------|-------------------------|--------------|-----------|------------------|-----------------|-------------|------|---|-------------------------------|--------------------------------------|--|-------------------------------------|--------------------------------------|---------|--------------|---------------|
| 📹 Update 8: Re                             | gion 1 LTC   | Bed Availal              | bility         |                        |                  |             | 🔚 Updat                 | e 2: H       | AvBED 4.  | 0 Report F       | Region 1        |             |      |   |                               | 🔚 Upda                               | ate 4 Dril                                       | I: Draft P                          | ediatric                             | Census  |              |               |
| Created By: Eric Pr<br>fest Pediatric Surg | att @ 04/25/<br>e - E. Pratt   | 19 15:07<br>View History | 8              |                        |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| lngham                                     | Curren   | t ECMO<br>Availability   | ED<br>Boarding | ED                     | CritCare-<br>ICU | Peds<br>bed | Emergency<br>Department | Burn<br>Care | Pediatric | Pediatric<br>ICU | Neonatal<br>ICU | Peds<br>ICU | Peds | Bed<br>Capacity:<br>Emergency<br>Department | Bed<br>Capacity:<br>Pediatric | Bed<br>Capacity:<br>Pediatric<br>ICU | Bed<br>Capacity:<br>Neg<br>Pressure<br>Isolation | Bed<br>Capacity:<br>Neonatal<br>ICU | Number<br>of ILI<br>Pediatric<br>ICU | Comment | Last Update  | By User       |
| Sparrow<br>Hospital                        | Open   |                          | Yes            | Green -<br>Operational |                  |             | 9                       | 0            | 26        | 5                | 9               | 0           |      |   | 0                             | 0                                    |  |                                     | 0                                    | Test    | 01 May 11:21 | Denise Flemin |
| Summary                                    | N/A  | N/A                      | N/A            | N/A                    | 0                | 0           | 9                       | 0            | 26        | 5                | 9               | 0           | 0    | 0   | 0                             | 0                                    | 0  | 0                                   | 0                                    |         |              |               |
| Status Type S                              | Summary  |                          |                | Total                  |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Bed Capacity                               | a state of the second stat | y Department             |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Bed Capacity                               | : Neg Press  | ure Isolation            |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Bed Capacity                               |  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Bed Capacity                               | : Pediatric  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Bed Capacity                               | : Pediatric I  | CU                       |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Burn Care                                  |  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| CritCare-ICU                               |  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Emergency D                                | epartment  |                          |                | 9                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Neonatal ICU                               |  |                          |                | 9                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Number of IL                               | Pediatric IC   | CU                       |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Pediatric                                  |  |                          |                | 26                     |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Pediatric ICU                              |  |                          |                | 5                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Peds                                       |  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Peds ICU                                   |  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |
| Peds bed                                   |  |                          |                | 0                      |                  |             |                         |              |           |                  |                 |             |      |   |                               |                                      |  |                                     |                                      |         |              |               |

### DRAFT LOGIN VIEW

|     | Ingham              | Current  |              | ED<br>Boarding | ED                     | CritCare-<br>ICU | Peds<br>bed | Emergency<br>Department |   | Pediatric | Pediatric<br>ICU | Neonatal<br>ICU | Peds<br>ICU |
|-----|---------------------|----------|--------------|----------------|------------------------|------------------|-------------|-------------------------|---|-----------|------------------|-----------------|-------------|
| 9   | Sparrow<br>Hospital | Open     | -            | Yes            | Green -<br>Operational | -                |             | 9                       | 0 | 26        | 5                | 9               | 0           |
|     | Summary             | N/A      | N/A          | N/A            | N/A                    | 0                | 0           | 9                       | 0 | 26        | 5                | 9               | 0           |
|     | Status Type Sum     | nary     |              |                | Total                  |                  |             |                         |   |           |                  |                 |             |
|     | Bed Capacity: Em    | nergency | Department   |                | 0                      |                  |             |                         |   |           |                  |                 |             |
|     | Bed Capacity: Ne    | g Pressu | re Isolation |                | 0                      |                  |             |                         |   |           |                  |                 |             |
|     | Bed Capacity: Ne    |          | 0            |                |                        |                  |             |                         |   |           |                  |                 |             |
| [ ] | Bed Capacity: Per   | 0        |              |                |                        |                  |             |                         |   |           |                  |                 |             |
|     | Bed Capacity: Pe    | 0        |              |                |                        |                  |             |                         |   |           |                  |                 |             |
|     | Burn Care           | 0        |              |                |                        |                  |             |                         |   |           |                  |                 |             |

# **DRAFT VIEW**

#### Statuses

- Current: Current status of the emergency department.
- ECMO Availability: If a extrcorpoveal Membrane Oxygenation unit is available for patients.
- ED Boarding: Holding patients in ED, after admission for inpatient care, but no beds are available
- ED: ED availability.
- CritCare-ICU: The number of available ICU/Critical Care beds in the hospital.
- Peds bed: The number of available pediatric beds in the hospital.

#### HAvBed

- Emergency Department: Number of available ED beds.
- Burn Care: Number of available burn beds.
- Pediatric: Number of available medical surgical beds for patients 17 and younger.
- Pediatric ICU: Number of Beds that can support critically ill/injured patients, including ventilator support for patients 17 and younger.
- Neonatal ICU: Number of beds that provides constant nursing and continuous cardiopulmonary and other support for severely ill infants.
- Peds ICU: As for Adult ICU, but for patients 17 years and younger.
- Peds: Ward Medical/Surgical beds for patients 17 and younger.

#### **Bed Capacity**

- Bed Capacity: Emergency Department: Total number of staffed ED beds.
- Bed Capacity: Pediatric: Total number of staffed pediatrics beds. These are ward medical/surgical beds for patients 17-years-old and younger.
- Bed Capacity: Pediatric ICU: Total number of staffed pediatric ICU beds. Similar to adult ICU beds, but for patients 17-years-old and younger.
- Bed Capacity: Neg Pressure Isolation: Total number of staffed negative airflow isolation beds. These provide respiratory isolation. NOTE: This value may represent available beds included in the counts of other types.
- Bed Capacity: Neonatal ICU: Total Number of staffed Neonatal ICU beds. These are beds that provide constant nursing and continuous cardiopulmonary and other support for severely ill infants.

#### Influenza Like Illness Data Collection

**Number of ILI Pediatric ICU:** Any person with pneumonia, fever (temperature of 100°F [37.8°C] or greater), cough, and/or a sore throat in the absence of a KNOWN cause other than influenza in a pediatric intensive care unit able to support critically ill/injured patients 17 years and younger, including ventilator support.

#### Show All Statuses

- ED: ED availability.
  - Orange Partial: ED is partially operational
  - Red-Non Operational: The ED cannot accommodate patients.
  - Yellow Op No Pts.: Operational but not accepting patients.
  - Green Operational: Operational and accepting patients
  - Unknown

Comment:

CritCare-ICU: The number of available ICU/Critical Care beds in the hospital.

Comment:

0

0

Peds bed: The number of available pediatric beds in the hospital.

Comment:

#### Statuses

- Current: Current status of the emergency department.
  - Offline: This facility is not currently reporting status with this system.
  - Open: The emergency department is functioning normally.
  - ED Closure: The facility itself is not operational.
  - Divert: Use for unusual circumstances where the ED is temporarily diverting patients.

#### Comment:

- ECMO Availability: If a extrcorpoveal Membrane Oxygenation unit is available for patients.
  - Yes: Test if available select yes
  - No: Test, select no if not available

#### Comment:

- ED Boarding: Holding patients in ED, after admission for inpatient care, but no beds are available
  - Yes
  - No

#### Comment:

Test

# DID THE DATA SAVE ?

| ۵ | Statuses 🗸        | Status 🔻            | Comment - | Last Update  |
|---|-------------------|---------------------|-----------|--------------|
|   | Current           | Open                |           | 01 May 11:21 |
|   | ECMO Availability |                     |           |              |
|   | ED Boarding       | Yes                 | Test      | 11 Jun 15:26 |
|   | ED                | Green - Operational |           | 24 Apr 13:58 |
|   | CritCare-ICU      |                     |           |              |
|   | Peds bed          |                     |           |              |

## QUESTIONS & ANSWERS



**Matthew Price** 

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