
Michigan EMS for Children Program

2021 EMS Agency Survey Results

Michigan Data Collection Numbers:

Number of Respondents: **460**

Number Surveyed: **773**

Response Rate: **59.5%**

Number of Records in Dataset (after data cleaning)*: **454**

*Data cleaning includes removing agencies that do not respond to 911 and duplicates, etc.

Performance Measures EMSC 02 and EMSC 03:

Number of Records Used in Performance Measure Calculation (see below): **453**

Performance Measure Exclusions*:

Indian Health Services or Tribal Agencies Participating: **0**, Military Facilities

Participating: **0**, Air-Only Agencies: **1**, or Water-Only Agencies: **0**.

*The agencies listed above are excluded from any final calculations related to the Performance Measures (see below). However, all states and/or territories were given the opportunity to survey these agencies for additional reporting based on state interest and need. Therefore, information from these agencies is included in all other data points.

Pediatric Emergency Care Coordinator (EMSC 02):

24.5%

(111/453)

(Exclusions See Above)

Use of Pediatric-Specific Equipment (EMSC 03):

18.5%

(84/453)

(Exclusions See Above)

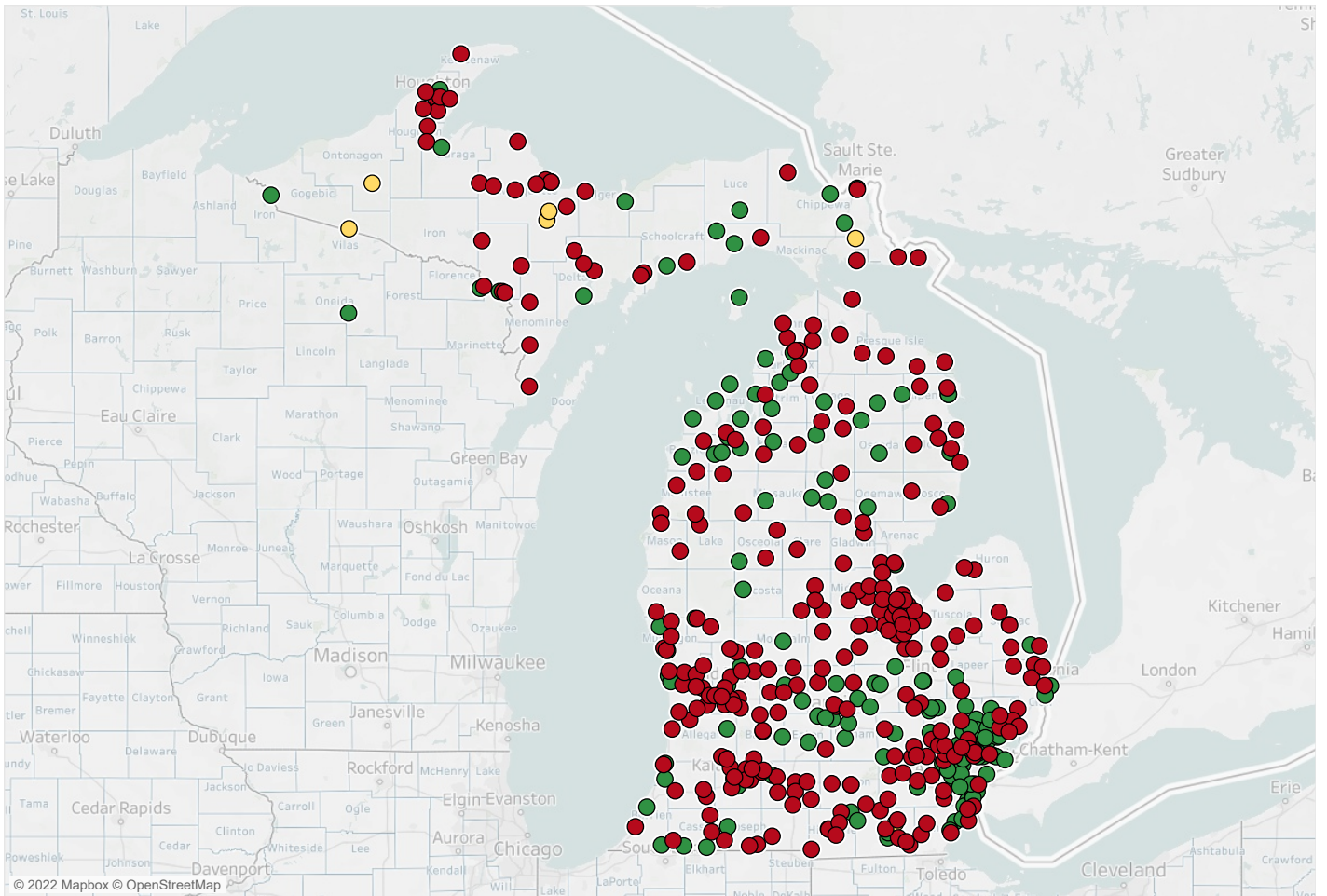
A respondent needed to answer YES to "Having a designated individual who coordinates pediatric emergency care" in the survey to meet this measure.

See pg. 35 in the "EMSC for Children Performance Measures, Implementation Manual for State Partnership Grantees, Effective March 1st, 2017" for an explanation of the scoring.

Michigan EMS Agency Respondents Location by Highest Licensure - 2021

Survey Year: 2021
County: All
Urbanicity: All
EMSC 02: All
EMSC 03: All
Pediatric Volume: All
Agency Type: All

Legend:
■ Emergency Medical Responde..
■ Limited Advanced Life Support..
■ Advanced Life Support (ALS)



Michigan EMSC 02 - Pediatric Emergency Care Coordinator (PECC) Performance Measure Trending:

Trending Over Time:

There are many ways to measure improvement over time. On this page, you can see how your state performed for EMSC 02:

1) Trend Over Time - This looks at all respondents from all three survey years to see how your state's performance measure numbers are changing. The number of respondents may not be the same because response rates often change and the same agencies do not always participate.

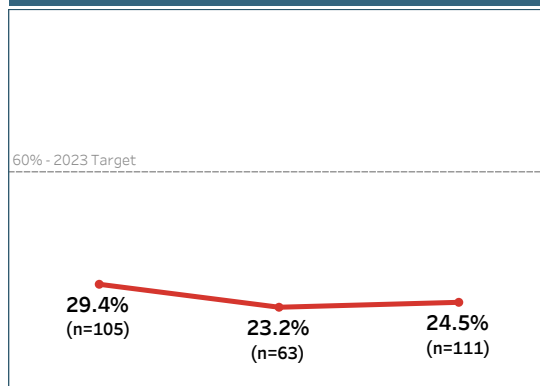
2) Trend Over Time (One to One Analysis) - This looks at only those agencies who participated in all three years of the survey. This type of analysis illustrates collective upward or downward movement with EMSC 02 over time for those agencies who completed the survey in all three years.

NOTE: EHB = Electronic Handbook. These are the official numbers that are reported to the EMSC Program.

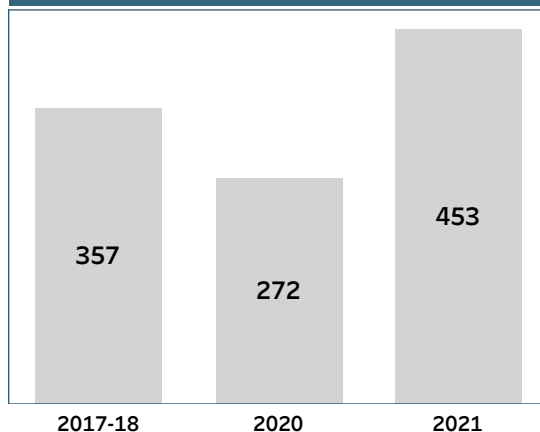
The horizontal dashed gray line in the graphs indicates the EMSC National Target for 2023 which is 60%.

BELOW: Percent and Number of Michigan Agencies that Reported Meeting EMSC 02 by Survey Year.

EMSC 02 - Trend Over Time (Met PM - EHB Num):

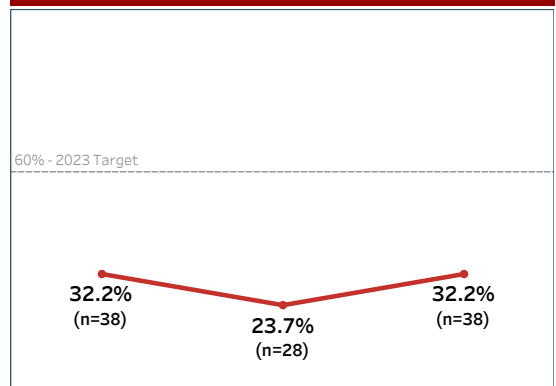


EMSC 02 - # of Agencies that Responded Each Year:

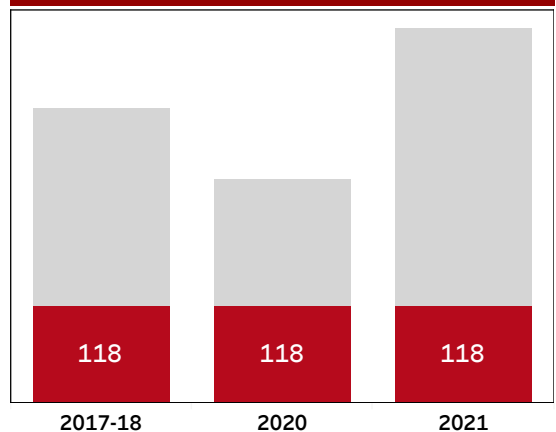


BELOW: Percentage and Number of Michigan Agencies Participating in ALL THREE Survey Years that Reported Meeting EMSC 02.

EMSC 02 - Trend Over Time (Met PM - 1:1 Analysis):



EMSC 02 - # of Agencies that Responded EVERY Year:



Michigan EMSC 03 - Use of Pediatric-Specific Equipment Performance Measure Trending:

Trending Over Time:

There are many ways to measure improvement over time. On this page, you can see how your state performed for EMSC 03:

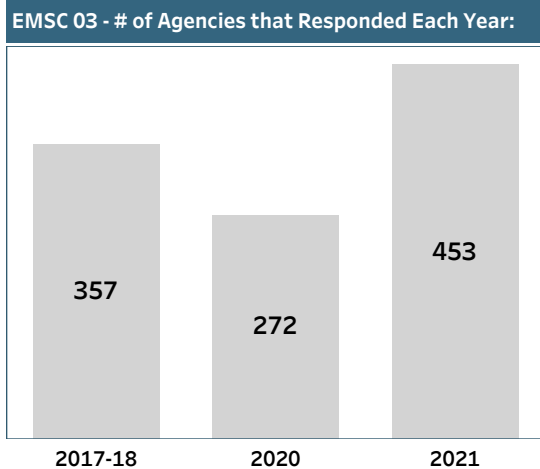
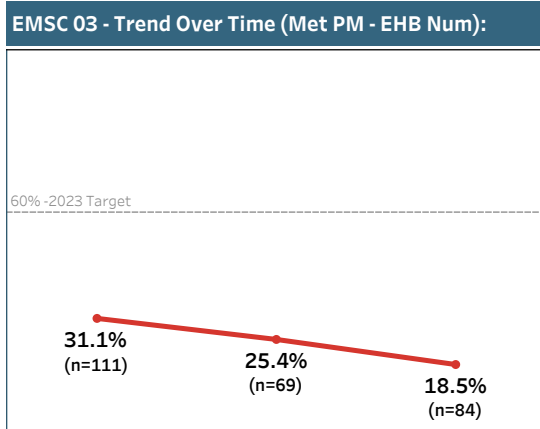
1) Trend Over Time - This looks at all respondents from all three survey years to see how your state's performance measure numbers are changing. The number of respondents may not be the same because response rates often change and the same agencies do not always participate.

2) Trend Over Time (One to One Analysis) - This looks at only those agencies who participated in all three years of the survey. This type of analysis illustrates collective upward or downward movement with EMSC 03 over time for those agencies who completed the survey in all three years.

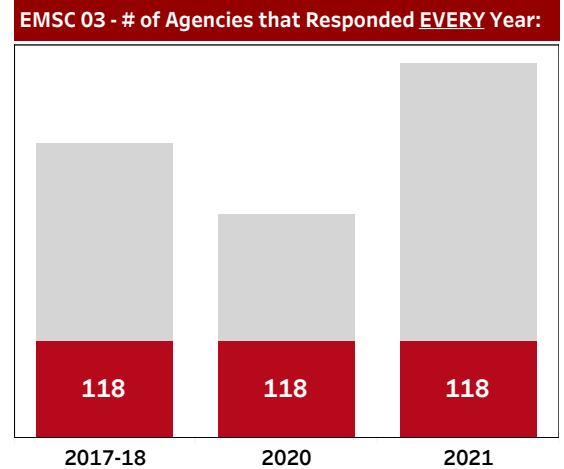
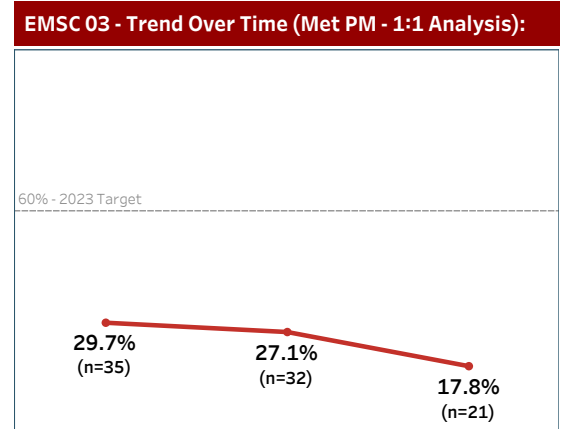
NOTE: EHB = Electronic Handbook. These are the official numbers that are reported to the EMSC Program.

The horizontal dashed gray line in the graphs indicates the EMSC National Target for 2023 which is 60%.

BELOW: Percent and Number of Michigan Agencies that Reported Meeting EMSC 03 by Survey Year.



BELOW: Percent and Number of Michigan Agencies Participating in ALL THREE Survey Years that Reported Meeting EMSC 03.



Michigan Agency Demographics for 2021

Survey Year:
2021

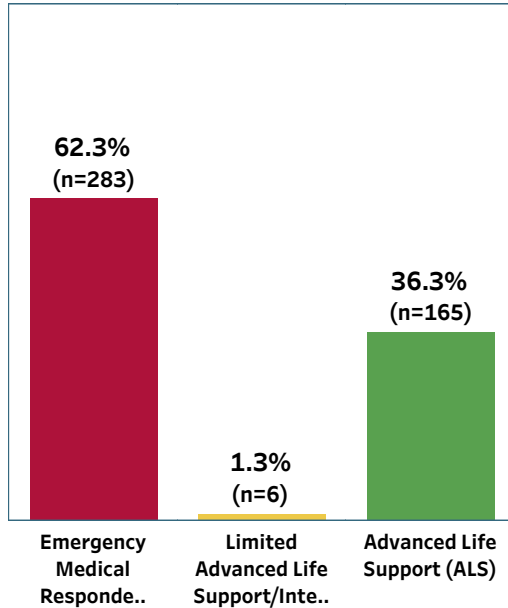
County:
All

Agency Type*:
All

Urbanicity:
All

*All = All Agencies You Surveyed, Drop Down the Menu to See Sub-Group Detail

Agencies by Highest Licensure:



Type of Providers Reported*:

Medical First Responder (MFR) (n=2,763)

Emergency Medical Technician (EMT) (n=5,859)

Advanced EMT (AEMT) (n=1,659)

Paramedic/Instructor Coordinator (IC-MFR, IC-EMT, IC-AEMT, and IC-Paramedic) (n=3,820)

* Number of Responding Agencies Not Reporting: 5

Pediatric Call Volume by Number and % of Agencies:

	Num of Agencies	% of Agencies
HIGH: More than 600 pediatric calls in the last year (more than 50 pediatric calls per month)	9	2.0%
MEDIUM HIGH: Between 101-600 pediatric calls in the last year (8 - 50 pediatric calls per month)	41	9.0%
MEDIUM: Between 13-100 pediatric calls in the last year (1 - 8 pediatric calls per month)	149	32.8%
LOW: Twelve (12) or fewer pediatric calls in the last year (1 or fewer pediatric calls per month)	229	50.4%
NONE: No Pediatric Calls in the Last Year	23	5.1%
No Response	3	0.7%
Grand Total	454	100.0%

Michigan Pediatric Emergency Care Coordinator (PECC) Overview for 2021

Survey Year:
2021

Urbanicity:
All

Pediatric Call Volume:
All

County:
All

Agency Type*:
All

*All = All Agencies You Surveyed,
Drop Down the Menu to See
Sub-Group Detail

Pediatric Emergency Care Coordinator:

Has a PECC		24.4% (n=111)
Plans to Add a PECC		4.8% (n=22)
Interested in a PECC		16.5% (n=75)
No PECC		54.2% (n=246)

Pediatric Emergency Care Coordinator Oversees:

Oversees Multiple Agencies		18.9% (n=21)
Oversees Only Our Agency		81.1% (n=90)

Other Reported PECC Activities (shared by respondents):

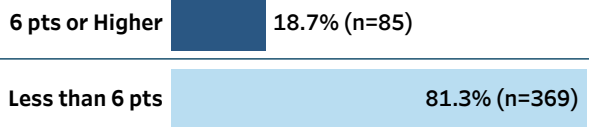
CQI review		99.1%
This role is assigned to the current EMS coordinator that also fulfills ..		99.1%
Handles all CEUs		97.3%
Also our instructor coordinator for continuing education		84.7%
The person that does our training is part of a private ambulance com..		74.8%
Pediatric Fire Prevention		69.4%
We participate in DOSE training and go out into the community to act..		44.1%
Visit local school and demonstrate how the EMT would take care of t..		39.6%
Work with schools and day cares locally		37.8%
Child car seat installation training		28.8%
Community Interaction and involvement		28.8%
Pediatric Continuing Education		28.8%
Pediatric specific Continuous Quality Improvement through patient c..		28.8%

Agencies who Have a PECC - Reported PECC Duties:

Promotes pediatric continuing education opportunities	99.1%
Ensures that fellow providers follow pediatric clinical practice guidelines and/or protocols	99.1%
Ensures the availability of pediatric medications, equipment, and supplies	97.3%
Oversees pediatric process improvement initiatives	84.7%
Promotes agency participation in pediatric prevention programs	74.8%
Ensures that the pediatric perspective is included in the development of EMS protocols	69.4%
Promotes family-centered care	44.1%
Promotes agency participation in pediatric research efforts	39.6%
Coordinates with the emergency department pediatric emergency care coordinator	37.8%
Other Activities	28.8%

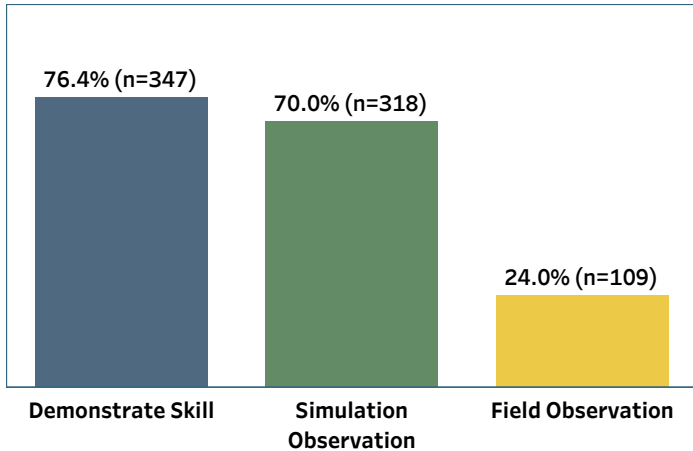
Michigan Use of Pediatric-Specific Equipment Overview for 2021

Use of Pediatric-Specific Equipment:

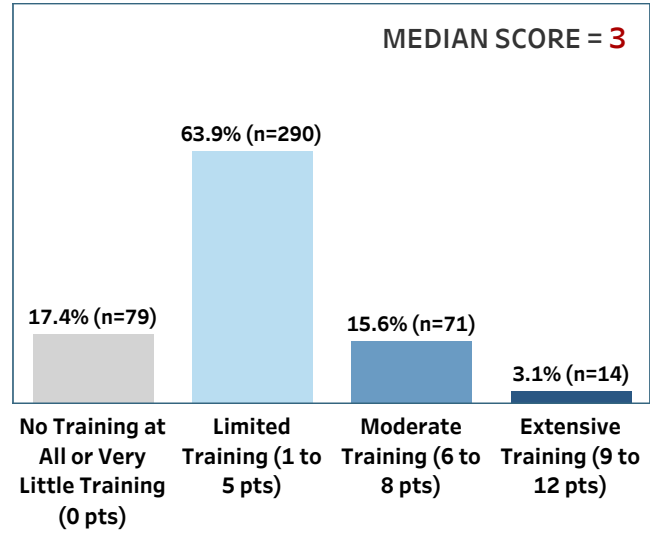


Survey Year: 2021
Pediatric Volume: All
Urbanicity: All
County: All
Agency Type*: All
*All = All Agencies You Surveyed, Drop Down the Menu to See Sub-Group Detail

Percent and Type/Method of Skill Checking Reported:



Breaking Down the Score = Frequency of Training:



Use of Pediatric-Specific Equipment Matrix:



	Two or more times per year (4pts)	At least once per year (2pts)	At least once every two years (1pt)	Less frequency than once every two years (0 pts)	None
How often are your providers required to demonstrate skills via a SKILL STATION?	10.6% (n=48)	47.8% (n=217)	15.4% (n=70)	2.6% (n=12)	23.6% (n=107)
How often are your providers required to demonstrate skills via a SIMULATED EVENT?	8.1% (n=37)	40.7% (n=185)	18.1% (n=82)	3.1% (n=14)	30.0% (n=136)
How often are your providers required to demonstrate skills via a FIELD ENCOUNTER?	4.4% (n=20)	10.6% (n=48)	4.2% (n=19)	4.8% (n=22)	76.0% (n=345)

This matrix was used to score the type of skill demonstration/simulation and the frequency of occurrence. A score of 6 pts or higher "met" the measure. The darker the box the higher the percentage of agencies in that group. See pg. 35 in the "EMSC for Children Performance Measures, Implementation Manual for State Partnership Grantees, Effective March 1st, 2017" for additional information about this matrix.