



National Pediatric Readiness Project
Ensuring Emergency Care for All Children



EMSC
Emergency Medical Services for Children

The NPRP is funded in part by the HRSA EMSC Program

Florida 2021 National Pediatric Readiness State Summary

2021 Pediatric Readiness Response Rate

Numerator: **170**
Denominator: **295**
Response Rate: **58%**

2013-14 Pediatric Readiness Response Rate

Numerator: **127**
Denominator: **209**
Response Rate: **61%**

2021 Average State Score

75

State AVERAGE Hospital Score out of 100
(n=170)

2021 Median State Score

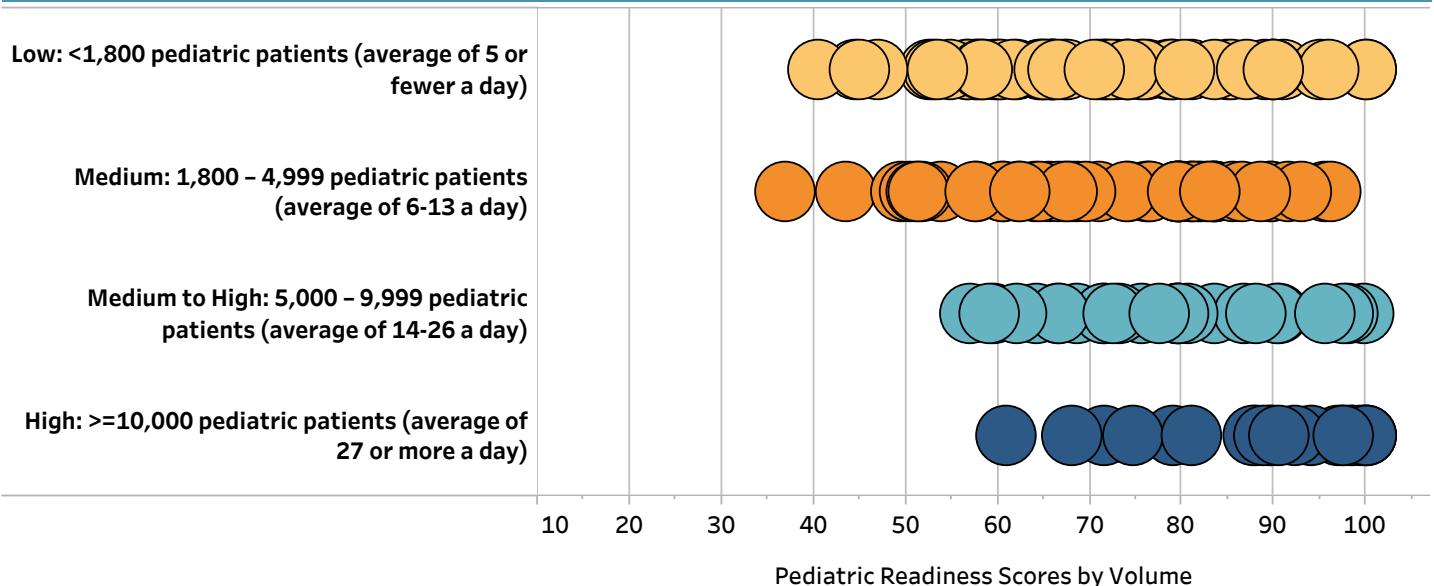
76

State MEDIAN Hospital Score out of 100
(n=170)

The overall 2021 National Pediatric Readiness scores (based on the 2018 Joint Policy Guidelines) are not directly comparable with the 2013-14 state scores (based on the 2009 Joint Policy Guidelines). These were two unique assessments based on two different published sets of guidelines. Questions were added/removed and point values changed based on the new guidelines. Although the overall scores are not comparable, several individual questions remained the same and these components can be compared over time.

Filter chart below by urbanicity:
All

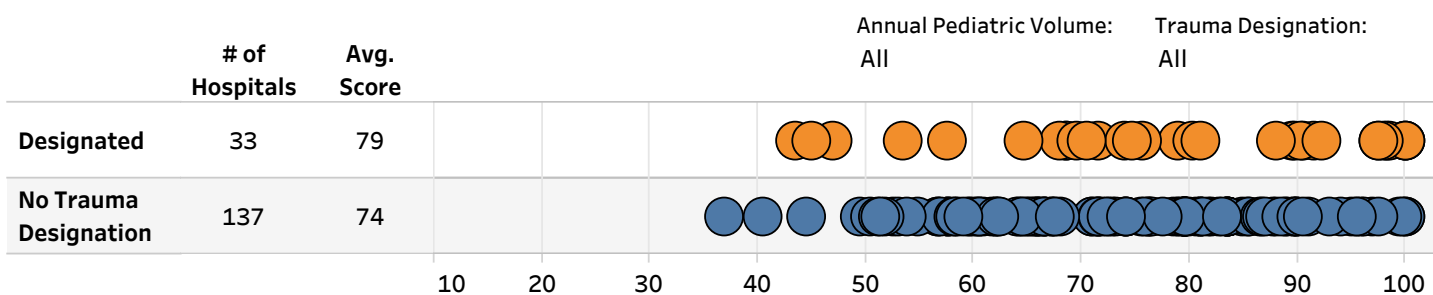
2021 Distribution of Scores by Volume



Breakdown of Scores by Volume Type:

Annual Pediatric Volume	# of Hospitals	Avg. Score	Median Score	Min. Score	Max. Score
Low: <1,800 pediatric patients (average of 5 or fewer a day)	63	70	68	40	100
Medium: 1,800 – 4,999 pediatric patients (average of 6-13 a day)	56	73	76	37	96
Medium to High: 5,000 – 9,999 pediatric patients (average of 14-26 a day)	28	78	79	57	100
High: >=10,000 pediatric patients (average of 27 or more a day)	23	89	91	61	100
Grand Total	170	75	76	37	100

Breakdown of Scores by Trauma Designation



Average Scores By Section

Section	Missing Records	Avg Section Score	Possible Score
Guidelines for Administration and Coordination of the ED for the Care of Children (19 pts)	0	7.8	19
Physicians, Nurses, and Other Health Care Providers Who Staff the ED (10 pts)	0	6.2	10
Guidelines QI/PI in the ED (7 pts)	0	3.0	7
Guidelines for Improving Pediatric Patient Safety in the ED (14 pts)	0	13.5	14
Guidelines for Policies, Procedures, and Protocols for the ED (17 pts)	0	12.1	17
Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED (33 pts)	0	32.3	33

NOTE: If there are missing values from any of the assessments (specifically from PDF assessments), they are shown in the "Missing Records" column. This indicates records that were missing scored questions and could not be included in the calculation of the average section score.

Analysis of Scored Questions in the Assessment by Section

The following analysis is grouped by the six main sections of the assessment. Each section has an average score shown on page 2. Under the section headings are the lists for each of the scored questions in that section along with a comparison between the previous 2013-14 assessment (if applicable) and the most recent national assessment.

If a question has been added since the original 2013-14 national assessment **you will see a blank in the "2013-14 Percent that Had Item,"** indicating that question was not available during the previous assessment.

The KPI (Key Performance Indicator) is shown in the legend on your right in colors and shapes. These symbols are not punitive, rather an indicator of performance **to help you quickly identify areas for quality improvement** based on the 2021 results. Collaborate with stakeholders in your state/territory to identify areas to work on first.



The importance of having each of these items can be found in the "Importance Statements" document: <https://www.pedsready.org/docs/NPRP%20Gap%20Report%20Importance%20Statements.pdf>.

NOTE: Please note that the bigger the difference in response rates between the two assessment periods (see page 1), the more difficult it is to use this report for an accurate assessment of change over time.





KPI Legend:

-  100% of EDs Have Item
-  80 to 99.9% Have Item
-  60 to 79.9% Have Item
-  30 to 59.9% Have Item
-  29.9% or Less Have Item






Guidelines for Administration and Coordination of the ED for the Care of Children (19 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
Physician Coordinator		73/170 (Missing = 0)	42.9%	58.7%	-15.8% ▼
Nurse Coordinator		66/170 (Missing = 0)	38.8%	66.7%	-27.9% ▼








Physicians, Nurses, and Other Health Care Providers Who Staff the ED (10 points)

Physician Competency Evaluations		124/170 (Missing = 0)	72.9%	55.6%	17.3% ▲
Physician Maintenance of Board Certification		100/170 (Missing = 0)	58.8%		
Nurse Competency Evaluations		151/170 (Missing = 0)	88.8%	78.6%	10.2% ▲
Nurse Maintenance of Specialty Certification		45/170 (Missing = 0)	26.5%		





Guidelines QI/PI in the ED (7 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
Patient care-review process (chart review)		83/170 (Missing = 0)	48.8%	57.9%	-9.1% ▼
Identification of quality indicators for children		64/170 (Missing = 0)	37.6%	32.5%	5.1% ▲
Collection and analysis of pediatric emergency care data		77/170 (Missing = 0)	45.3%	54.0%	-8.7% ▼
Development of a plan for improvement in pediatric emergency care		72/170 (Missing = 0)	42.4%	52.4%	-10.0% ▼
Re-evaluation of performance using outcomes-based measures		64/170 (Missing = 0)	37.6%	51.6%	-14.0% ▼









Guidelines for Improving Pediatric Patient Safety in the ED (14 points)

Children seen in the ED weighed in kilograms (without conversion from pounds)		169/170 (Missing = 0)	99.4%	83.3%	16.1% ▲
Children's weights recorded in the ED medical record in kilograms only		165/170 (Missing = 0)	97.1%		
Temperature, heart rate, and respiratory rate recorded		170/170 (Missing = 0)	100.0%	99.2%	0.8% ▲
Blood pressure monitoring available based on severity of illness		169/170 (Missing = 0)	99.4%	99.2%	0.2% ▲
Pulse oximetry monitoring available based on severity of illness		170/170 (Missing = 0)	100.0%	100.0%	0.0%
End tidal CO2 monitoring available based on severity of illness		165/170 (Missing = 0)	97.1%		
Process in place for notification (manual or automated) of physicians when abnormal vital signs are found		167/170 (Missing = 0)	98.2%	83.3%	14.9% ▲













Guidelines for Improving Pediatric Patient Safety in the ED (14 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
Process in place for the use of pre-calculated drug dosing in all children		151/170 (Missing = 0)	88.8%	92.9%	-4.1% ▼
Process in place that allows for 24/7 access to interpreter services in the ED		170/170 (Missing = 0)	100.0%	98.4%	1.6% ▲
Level of consciousness (e.g. AVPU or GCS) assessed in all children		158/170 (Missing = 0)	92.9%		
Level of pain assessed in all children		169/170 (Missing = 0)	99.4%		














Guidelines for Policies, Procedures, and Protocols for the ED (17 points)

Triage policy that specifically addresses ill and injured children		125/170 (Missing = 0)	73.5%	72.2%	1.3% ▲
Policy for pediatric patient assessment and reassessment		139/170 (Missing = 0)	81.8%	85.7%	-3.9% ▼
Policy for immunization assessment and management of the under-immunized child		85/170 (Missing = 0)	50.0%	65.1%	-15.1% ▼
Policy for child maltreatment		151/170 (Missing = 0)	88.8%	88.9%	-0.1% ▼
Policy for death of the child in the ED		120/170 (Missing = 0)	70.6%	66.7%	3.9% ▲
Policy for reduced-dose radiation for CT and x-ray imaging based on pediatric age or weight		141/170 (Missing = 0)	82.9%	62.7%	20.2% ▲
Policy for behavioral health issues for children of all ages		134/170 (Missing = 0)	78.8%		
Involving families and caregivers in patient care decision-making		127/170 (Missing = 0)	74.7%		
















Guidelines for Policies, Procedures, and Protocols for the ED (17 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
Involving families and caregivers in medication safety processes		118/170 (Missing = 0)	69.4%		
Family and guardian presence during all aspects of emergency care, including resuscitation		123/170 (Missing = 0)	72.4%		
Education of the patient, family, and caregivers on treatment plan and disposition		124/170 (Missing = 0)	72.9%		
Bereavement counseling		98/170 (Missing = 0)	57.6%		
Disaster plan includes availability of medications, vaccines, equipment, supplies, and appropriately trained providers		73/170 (Missing = 0)	42.9%		
Disaster plan includes decontamination, isolation, and quarantine of families and children		75/170 (Missing = 0)	44.1%		
Disaster plan includes minimization of parent-child separation and methods for reuniting separated children with their families		75/170 (Missing = 0)	44.1%		
All disaster drills include pediatric patients		70/170 (Missing = 0)	41.2%		
Disaster plan includes pediatric surge capacity for both injured and non-injured children		70/170 (Missing = 0)	41.2%		
Disaster plan includes access to behavioral health resources for children		65/170 (Missing = 0)	38.2%		
Disaster plan includes care of children with special health care needs		69/170 (Missing = 0)	40.6%		
Written inter-facility transfer guidelines		136/170 (Missing = 0)	80.0%	86.5%	-6.5% ▼

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED (33 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
All staff trained on the location of all pediatric equipment and medications		169/170 (Missing = 0)	99.4%	100.0%	-0.6% ▼
Daily method used to verify the proper location and function of pediatric equipment and supplies		159/170 (Missing = 0)	93.5%	94.4%	-0.9% ▼
Standardized chart or tool to estimate weight if resuscitation precludes the use of a weight scale (e.g., length-based tape)		170/170 (Missing = 0)	100.0%	100.0%	0.0%
Neonatal blood pressure cuff		160/170 (Missing = 0)	94.1%	93.7%	0.4% ▲
Infant blood pressure cuff		169/170 (Missing = 0)	99.4%	99.2%	0.2% ▲
Child blood pressure cuff		170/170 (Missing = 0)	100.0%	100.0%	0.0%
Defibrillator with pediatric and adult capabilities including pads and or paddles		170/170 (Missing = 0)	100.0%	100.0%	0.0%
Pulse oximeter with pediatric and adult probes		170/170 (Missing = 0)	100.0%	100.0%	0.0%
Continuous end-tidal CO2 monitoring device		166/170 (Missing = 0)	97.6%	82.5%	15.1% ▲
22 gauge catheter-over-the-needle		170/170 (Missing = 0)	100.0%	100.0%	0.0%
24 gauge catheter-over-the-needle		170/170 (Missing = 0)	100.0%	100.0%	0.0%
Pediatric intra-osseus needles		169/170 (Missing = 0)	99.4%	97.6%	1.8% ▲
IV administration sets with calibrated chambers or an infusion pump		165/170 (Missing = 0)	97.1%	95.2%	1.9% ▲

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED (33 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
Endotracheal tubes: cuffed or uncuffed 2.5 mm		162/170 (Missing = 0)	95.3%	96.0%	-0.7% ▼
Endotracheal tubes: cuffed or uncuffed 3.0 mm		166/170 (Missing = 0)	97.6%	96.8%	0.8% ▲
Endotracheal tubes: cuffed or uncuffed 3.5 mm		170/170 (Missing = 0)	100.0%	97.6%	2.4% ▲
Endotracheal tubes: cuffed or uncuffed 4.0 mm		170/170 (Missing = 0)	100.0%	100.0%	0.0%
Endotracheal tubes: cuffed or uncuffed 4.5 mm		170/170 (Missing = 0)	100.0%	99.2%	0.8% ▲
Endotracheal tubes: cuffed or uncuffed 5.0 mm		170/170 (Missing = 0)	100.0%	98.4%	1.6% ▲
Endotracheal tubes: cuffed or uncuffed 5.5 mm		169/170 (Missing = 0)	99.4%	99.2%	0.2% ▲
Endotracheal tubes: cuffed 6.0 mm		170/170 (Missing = 0)	100.0%	99.2%	0.8% ▲
Laryngoscope blades: straight, size 0		160/170 (Missing = 0)	94.1%	97.6%	-3.5% ▼
Laryngoscope blades: straight, size 1		168/170 (Missing = 0)	98.8%	99.2%	-0.4% ▼
Laryngoscope blades: straight, size 2		166/170 (Missing = 0)	97.6%	100.0%	-2.4% ▼
Laryngoscope blades: curved, size 2		165/170 (Missing = 0)	97.1%	100.0%	-2.9% ▼
Pediatric-sized Magill forcep		156/170 (Missing = 0)	91.8%	90.5%	1.3% ▲
Nasopharyngeal airways: infant-sized		161/170 (Missing = 0)	94.7%	89.7%	5.0% ▲
Nasopharyngeal airways: child-sized		162/170 (Missing = 0)	95.3%	92.9%	2.4% ▲

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED (33 points)

	KPI	2021 Number of EDs that Have Item	2021 Percent that Have Item	2013-14 Percent that Had Item	Difference Between Assessments
Oropharyngeal airways: size 0 (50mm)	●	166/170 (Missing = 0)	97.6%	92.1%	5.5% ▲
Oropharyngeal airways: size 1 (60mm)	●	168/170 (Missing = 0)	98.8%	96.0%	2.8% ▲
Oropharyngeal airways: size 2 (70mm)	●	167/170 (Missing = 0)	98.2%	95.2%	3.0% ▲
Oropharyngeal airways: size 3 (80mm)	●	168/170 (Missing = 0)	98.8%	95.2%	3.6% ▲
Stylets for pediatric/infant-sized endotracheal tube	●	168/170 (Missing = 0)	98.8%	100.0%	-1.2% ▼
Bag-mask device, self-inflating (infant/child)	✓	170/170 (Missing = 0)	100.0%	99.2%	0.8% ▲
Masks (neonatal size) to fit bag-mask device	●	164/170 (Missing = 0)	96.5%	95.2%	1.3% ▲
Masks (infant size) to fit bag-mask device	●	168/170 (Missing = 0)	98.8%	97.6%	1.2% ▲
Masks (child size) to fit bag-mask device	✓	170/170 (Missing = 0)	100.0%	98.4%	1.6% ▲
Simple oxygen face masks: standard infant	●	162/170 (Missing = 0)	95.3%	96.0%	-0.7% ▼
Clear oxygen masks: standard child	●	164/170 (Missing = 0)	96.5%	97.6%	-1.1% ▼
Non-rebreather masks: infant-sized	●	163/170 (Missing = 0)	95.9%	93.7%	2.2% ▲
Non-rebreather masks: child-sized	✓	170/170 (Missing = 0)	100.0%	99.2%	0.8% ▲
Nasal cannulas: infant	●	162/170 (Missing = 0)	95.3%	94.4%	0.9% ▲
Nasal cannulas: child	●	169/170 (Missing = 0)	99.4%	96.8%	2.6% ▲
Suction catheters: at least one in range 6-8F	●	168/170 (Missing = 0)	98.8%	97.6%	1.2% ▲
Suction catheters: at least one in range 10-12F	●	169/170 (Missing = 0)	99.4%	99.2%	0.2% ▲
Supplies/kit for pediatric patients with difficult airways	●	156/170 (Missing = 0)	91.8%	84.9%	6.9% ▲