

Attachment I
National Pediatric Readiness Project Report Card



State Name: Kentucky

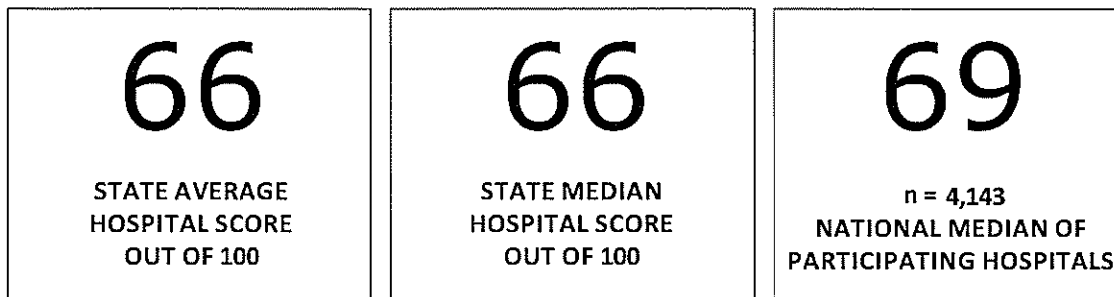
Report Date: 8/29/2013 4:46:14 PM

Number of Hospital Respondents: 103

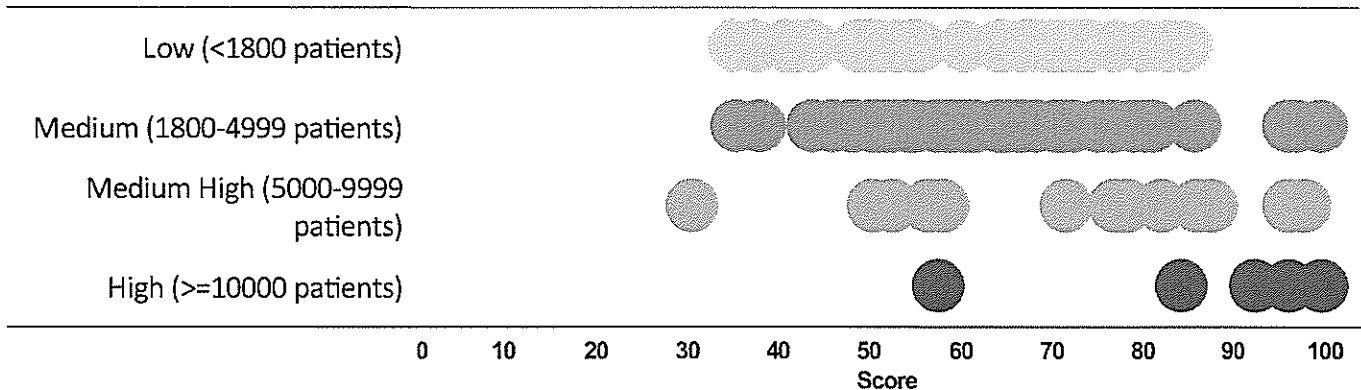
Number of Hospitals Assessed: 105

Response Rate: 98.1%

STATE SCORE AND COMPARATIVE SCORES:



DISTRIBUTION OF STATE SCORES FOR EACH VOLUME TYPE:



BREAKDOWN OF STATE SCORES FOR EACH VOLUME TYPE:

Annual Pediatric Volume	# of Hospitals	Avg. Score	Median Score	Min. Score	Max. Score
Low (<1800 patients)	34	61.6	64.9	35	85
Medium (1800-4999 patients)	50	65.5	63.3	36	100
Medium High (5000-9999 patients)	13	71.5	77.3	31	98
High (>=10000 patients)	6	87.4	92.7	58	100
Grand Total	103	66.2	65.6	31	100

NOTE: Blank indicates fewer than 5 hospitals; score can't be shown.

BREAKDOWN OF NATIONAL SCORES FOR EACH VOLUME TYPE:

Annual Pediatric Volume	# of Hospitals	Avg. Score	Median Score	Min. Score	Max. Score
Low (<1800 patients)	1,628	62.0	61.4	22	100
Medium (1800-4999 patients)	1,242	69.8	69.3	27	100
Medium High (5000-9999 patients)	707	73.8	74.8	31	100
High (>=10000 patients)	563	84.3	89.9	35	100
Not Recorded	3				
Grand Total	4,143	69.4	69.0	22	100

NOTE: Blank indicates fewer than 5 hospitals; score can't be shown.

ANALYSIS OF YOUR SCORE:

Below are the average state scores* for each section of the assessment. The scores are based on the weighted assessment items for each section.

* The sum of the sectional scores below may vary slightly from actual overall readiness score above due to rounding.

Average Section Scores	State Section Scores	National Section Scores
Guidelines for Administration and Coordination (19 pts)	8.1	10.1
Physicians, Nurses, and Other Health Care Providers Who Staff the ED (10 pts)	5.2	5.3
Guidelines for QI/PI in the ED (7 pts)	2.1	2.9
Guidelines for Improving Pediatric Patient Safety in the ED (14 pts)	10.9	10.8
Guidelines for Policies, Procedures, and Protocols for the ED (17 pts)	10.9	10.5
Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED (33 pts)	29.1	29.4

Guidelines for Administration and Coordination of the ED for the Care of Children

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
Nurse Coordinator	56	54.4%	59.4%	-5.0%
Physician Coordinator	32	31.1%	47.5%	-16.5%

Physicians, Nurses, and Other Health Care Providers Who Staff the ED

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
Nurse Competency Evaluations	73	70.9%	66.7%	4.2%
Physician Competency Evaluations	34	33.0%	38.7%	-5.7%

Guidelines QI/PI

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
Does your ED have a pediatric patient care-review process?	33	32.0%	45.2%	-13.1%

The following results are a breakdown of those who said "Yes" to having a pediatric patient care-review process...

Collection and analysis of pediatric emergency care data	26	78.8%	88.1%	-9.3%
Identification of quality indicators for children	21	63.6%	58.4%	5.3%
Development of a plan for improvement in pediatric emergency care	24	72.7%	78.9%	-6.2%
Re-evaluation of performance using outcomes-based measures	27	81.8%	73.5%	8.3%

Guidelines for Improving Pediatric Patient Safety in the ED

Scored Items	Yes (N)	% Yes	% National Yes	Difference
Weigh in Kilograms	65	63.1%	67.8%	-4.7%
If Weigh in Kilograms, also Record in Kilograms	44	67.7%	75.3%	-7.6%
Temperature, heart rate, and respiratory rate recorded	103	100.0%	98.6%	1.4%
Blood pressure monitoring available based on severity of illness	102	99.0%	98.1%	0.9%
Pulse oximetry monitoring available based on severity of illness	103	100.0%	99.7%	0.3%
Written procedure in place for notification of physicians when abnormal vital signs	81	78.6%	70.2%	8.4%
Process in place for the use of pre-calculated drug dosing	80	77.7%	79.0%	-1.3%
Process in place that allows for 24/7 access to interpreter services in the ED	100	97.1%	95.5%	1.6%

Guidelines for Policies, Procedures, and Protocols for the ED

Scored Items	Yes (N)	% Yes	% National Yes	Difference
Triage policy that specifically addresses ill and injured children	67	65.0%	57.7%	7.3%
Policy for pediatric patient assessment and reassessment	81	78.6%	73.5%	5.1%
Policy for immunization assessment and management of the under-immunized child	61	59.2%	51.7%	7.5%
Policy for child maltreatment	93	90.3%	89.6%	0.6%
Policy for death of the child in the ED	61	59.2%	58.1%	1.1%
Policy for reduced-dose radiation for CT and x-ray imaging based on pediatric age or weight	54	52.4%	52.6%	-0.2%
Policy for promoting family-centered care	67	65.0%	59.7%	5.4%
Hospital disaster plan addresses issues specific to the care of children	50	48.5%	46.9%	1.7%
Inter-facility transfer guidelines	63	61.2%	70.7%	-9.5%

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
Is the ED staff trained on the location of all pediatric equipment and medications?	103	100.0%	99.5%	0.5%
Is there a daily method used to verify the proper location and function of pediatric equipment and supplies?	87	84.5%	83.1%	1.3%
Is a medication chart, length-based tape, medical software, or other system readily available to ensure proper sizing of resuscitation equipment and proper dosing of medications?	103	100.0%	99.5%	0.5%
Neonatal blood pressure cuff	97	94.2%	92.0%	2.2%
Child blood pressure cuff	103	100.0%	99.9%	0.1%
Defibrillator with pediatric and adult capabilities including pads/paddles	103	100.0%	99.7%	0.3%
Pulse oximeter with pediatric and adult probes	103	100.0%	99.7%	0.3%
Continuous end-tidal CO2 monitoring device	80	77.7%	81.7%	-4.1%
22 gauge catheter-over-the-needle	103	100.0%	99.7%	0.3%
24 gauge catheter-over-the-needle	103	100.0%	99.5%	0.5%
Pediatric intra-osseus needles	101	98.1%	97.6%	0.4%

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED *cont.*

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
IV administration sets with calibrated chambers and extension tubing and/or infusion devices with ability to regulate rate and volume of infusate	96	93.2%	95.3%	-2.1%
Umbilical vein catheters (3.5F or 5.0F)	58	56.3%	62.4%	-6.1%
Central venous catheters (any two sizes in range, 4F-7F)	59	57.3%	62.6%	-5.4%
Endotracheal tubes: cuffed or uncuffed 2.5 mm	95	92.2%	94.3%	-2.1%
Endotracheal tubes: cuffed or uncuffed 3.0 mm	100	97.1%	97.0%	0.1%
Endotracheal tubes: cuffed or uncuffed 3.5 mm	101	98.1%	98.4%	-0.4%
Endotracheal tubes: cuffed or uncuffed 4.0 mm	103	100.0%	99.4%	0.6%
Endotracheal tubes: cuffed or uncuffed 4.5 mm	102	99.0%	98.6%	0.5%
Endotracheal tubes: cuffed or uncuffed 5.0 mm	103	100.0%	99.4%	0.6%
Endotracheal tubes: cuffed or uncuffed 5.5 mm	102	99.0%	98.1%	0.9%
Endotracheal tubes: cuffed or uncuffed 6.0 mm	103	100.0%	99.2%	0.8%
Laryngoscope blades: straight, size 00	69	67.0%	77.5%	-10.5%
Laryngoscope blades: straight, size 0	96	93.2%	94.1%	-0.9%
Laryngoscope blades: straight, size 1	102	99.0%	98.2%	0.8%
Laryngoscope blades: straight, size 2	97	94.2%	96.8%	-2.7%

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED *cont.*

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
Laryngoscope blades: curved, size 2	101	98.1%	96.5%	1.6%
Pediatric-sized Magill forceps	77	74.8%	82.5%	-7.7%
Nasopharyngeal airways: infant-sized	84	81.6%	82.9%	-1.3%
Nasopharyngeal airways: child-sized	90	87.4%	87.8%	-0.4%
Oropharyngeal airways: size 0 (50mm)	92	89.3%	92.6%	-3.2%
Oropharyngeal airways: size 1 (60mm)	102	99.0%	96.6%	2.4%
Oropharyngeal airways: size 2 (70mm)	98	95.1%	95.7%	-0.5%
Oropharyngeal airways: size 3 (80mm)	98	95.1%	96.8%	-1.7%
Stylets for pediatric/infant-sized endotracheal tubes	100	97.1%	97.4%	-0.3%
Tracheostomy tubes: size 3.0 mm	66	64.1%	68.2%	-4.1%
Tracheostomy tubes: size 3.5 mm	66	64.1%	68.0%	-3.9%
Tracheostomy tubes: size 4.0 mm	78	75.7%	75.1%	0.6%
Bag-mask device, self inflating: infant, 450 ml	100	97.1%	96.8%	0.3%
Masks to fit bag-mask device adaptor: neonatal	94	91.3%	92.4%	-1.1%
Masks to fit bag-mask device adaptor: infant	103	100.0%	98.5%	1.5%
Masks to fit bag-mask device adaptor: child	102	99.0%	99.0%	0.0%
Clear oxygen masks: standard infant	96	93.2%	93.4%	-0.2%
Clear oxygen masks: standard child	101	98.1%	98.1%	-0.1%
Non-rebreather masks: infant-sized	91	88.3%	84.1%	4.3%
Non-rebreather masks: child-sized	96	93.2%	93.8%	-0.6%

Guidelines for Equipment, Supplies, and Medications for the Care of Pediatric Patients in the ED cont.

Scored Items

	Yes (N)	% Yes	% National Yes	Difference
Nasal cannulas: infant	90	87.4%	91.0%	-3.6%
Nasal cannulas: child	96	93.2%	95.9%	-2.7%
Laryngeal mask airways: size 1	51	49.5%	57.2%	-7.7%
Laryngeal mask airways: size: 1.5	52	50.5%	55.1%	-4.6%
Laryngeal mask airways: size: 2	62	60.2%	60.9%	-0.7%
Laryngeal mask airways: size: 2.5	62	60.2%	58.6%	1.6%
Laryngeal mask airways: size: 3	65	63.1%	66.4%	-3.3%
Suction catheters: at least one in range 6-8F	101	98.1%	98.5%	-0.4%
Suction catheters: at least one in range 10-12F	103	100.0%	99.2%	0.8%
Supplies/kit for pediatric patients with difficult airways (supraglottic airways of all sizes, needle cricothyrotomy supplies, surgical cricothyrotomy kit)	77	74.8%	75.4%	-0.7%

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To find out more, or to join Kentucky's Trauma Team, go to kytrauma.org.



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