

## Supplemental Information

**SUPPLEMENTAL TABLE 4** Scoring of Survey Items for the WPRS

Survey Item	Wt <sup>a</sup>
Bag mask and oxygen equipment	10.026
Pediatric emergency physician coordinator	9.5
Pediatric emergency nurse coordinator	9.5
Policies and procedures in place for children	8.5
All sizes of pediatric endotracheal tubes and laryngoscope blades	8.355
Pediatric competency evaluations for physicians	5
Pediatric competency evaluations for nurses	5
Patient care review process	5
Wt recorded in kilograms	3.5
Precalculated drug dosing process	3.5
Pediatric-sized nasopharyngeal and oropharyngeal airways	3.342
Dedicated pediatric-specific monitoring equipment	3.3
ED triage policy for children	2.12
Written interfacility guidelines for transfer of children	2.12
Hospital disaster plan addressing care of children	2.12
Policy for promoting family-centered care	2.12
Quality-improvement initiatives	2
Pediatric tracheostomy tubes	1.671
Pediatric intravenous line equipment	1.65
Temperature, heart rate, and respiratory rate recorded on all patients	1.4
Blood pressure monitoring available for all ages	1.4
Pulse oximetry monitoring available for all ages	1.4
Procedure for physician notification of abnormal vital signs	1.4
Access to 24/7 interpreter services	1.4
Staff training on location of pediatric equipment	1
Daily process to verify location and function of pediatric supplies	1
Medication chart, length-based tape, or other system available	1
Umbilical vein catheters	0.55
Pediatric central venous catheters	0.55
Pediatric intraosseous needles	0.55
Maximum total score	100

<sup>a</sup> Weights were derived through a modified Delphi process conducted as part of the 2013 NPRP assessment.

**SUPPLEMENTAL TABLE 5** Administrative Codes Used to Identify Specific Critical-Illness Conditions of Interest

Condition	ICD-9-CM Codes <sup>a</sup>
Asthma	493.xx
Cardiac arrest	427.1, 427.41, 427.42, 427.5, 799.1
Sepsis	Organ dysfunction by any diagnosis of 286.6, 286.9, 287.4, 287.5, 293.0, 348.1, 348.3, 427.5, 458.0, 458.8, 458.9, 518.81, 518.82, 570.xx, 572.2, 573.4, 584.xx, 780.81, 785.5x, 786.09, 796.3, or 799.1 and infection by any diagnosis of 003.1x, 020.2x, 022.3x, 036.2x, 036.3x, 038.0x, 038.1x, 038.2x, 038.3x, 038.4x, 038.8x, 038.9x, 0545x, 098.89, 112.5x, 785.52, 995.91, 995.92 or any diagnosis of 785.52 or 995.92
TBI	800.xx, 801.xx, 803.xx, 804.xx, 850.xx, 851.xx, 852.xx, 853.xx, 854.1, 959.01

<sup>a</sup> An "x" in the code indicates that all subcodes of the primary codes were used.

**SUPPLEMENTAL TABLE 6** Hospital Characteristics by Whether They Responded to the NPRP Assessment Among Hospitals Within the 5-State Sample

Characteristic	Nonresponders, <i>N</i> = 104	Responders, <i>N</i> = 426	<i>P</i>
Size, beds, frequency (%)			.02
>250	24 (32.7)	127 (29.8)	
100–250	44 (42.3)	131 (30.8)	
<100	26 (25.0)	168 (39.4)	
Teaching status, frequency (%)			.07
Large	20 (19.2)	127 (29.8)	
Small	10 (9.6)	82 (19.2)	
Nonteaching	74 (71.2)	275 (64.6)	
Community size, frequency (%)			<.001
Large	56 (53.8)	161 (37.8)	
Medium	33 (31.7)	121 (28.4)	
Small	15 (14.4)	144 (33.8)	
Pediatric capabilities, frequency (%)			
Pediatric ED	19 (18.3)	107 (25.1)	.14
Pediatric inpatient unit	38 (36.5)	173 (40.6)	.45
PICU	7 (6.7)	58 (13.6)	.06

**SUPPLEMENTAL TABLE 7** Location of Death for All Patients by Quartile of the WPRS

	Quartile 1, <i>n</i> = 98	Quartile 2, <i>n</i> = 103	Quartile 3, <i>n</i> = 178	Quartile 4, <i>n</i> = 483
Initial ED, frequency (%)	69 (70.4)	65 (63.1)	119 (66.9)	245 (50.7)
Second ED, first inpatient hospital, or second inpatient hospital frequency (%)	29 (29.6)	38 (36.9)	59 (33.1)	238 (49.3)