

APPENDIX C: Pediatric Readiness Assessment Data from 2013

Appendix C.1 – Texas Summary

Number of Hospitals Sent Assessment: **504**

Number of Hospitals that Responded: **305**

Response Rate: **60.5%**

69

n=4,146

**NATIONAL MEDIAN
SCORE of
PARTICIPATING
HOSPITALS**

71

**STATE MEDIAN and
AVERAGE SCORE OUT
of 100**

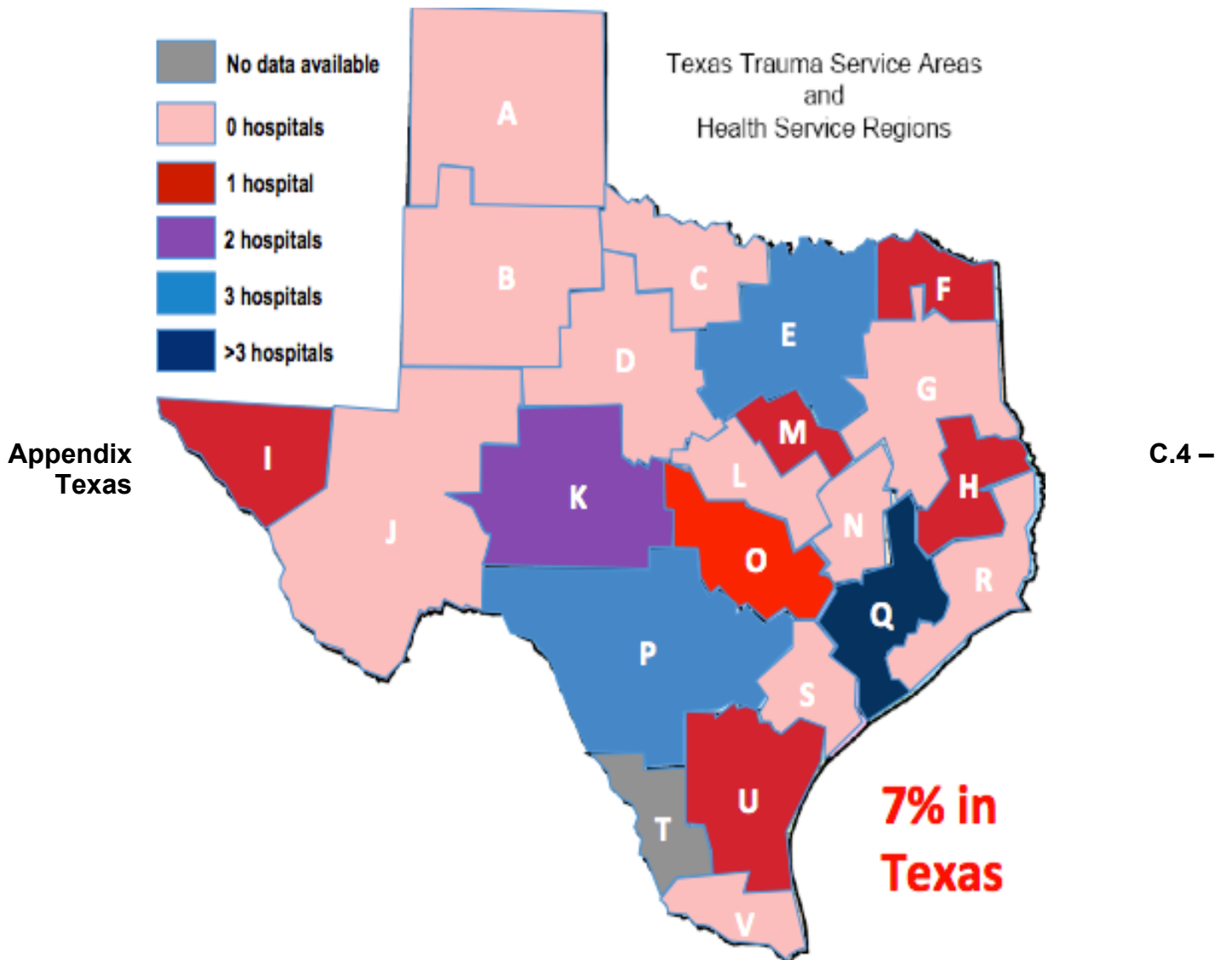
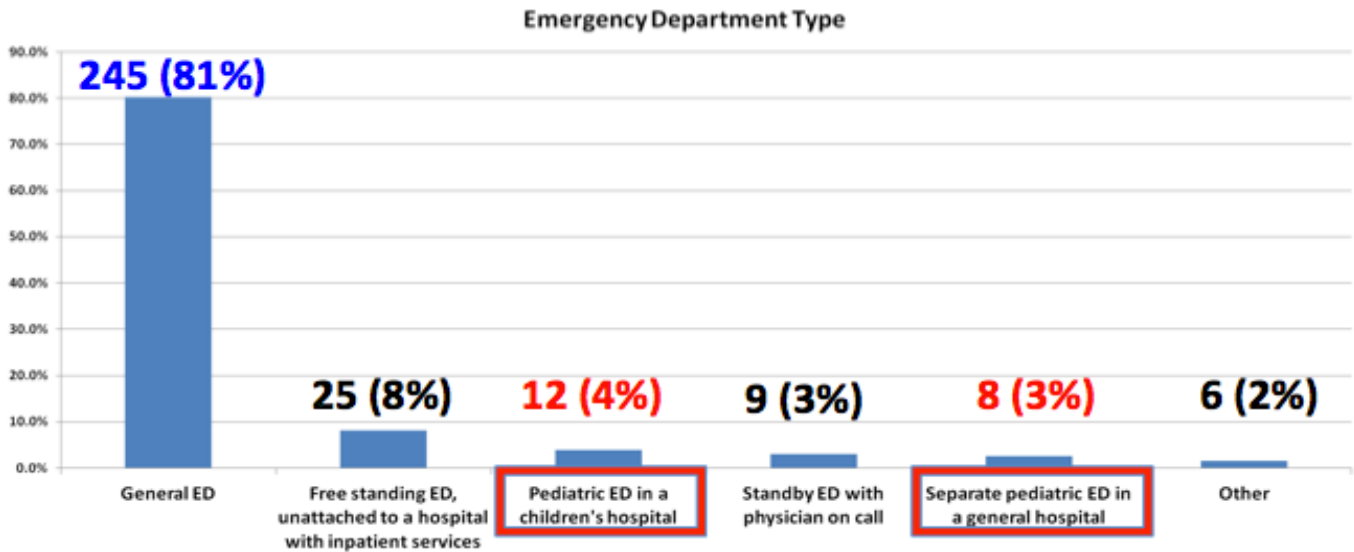
Annual Pediatric Volume	# of Hospitals	Avg. Score	Median Score	Min. Score	Max. Score
Low (<1800 patients)	118	64.0	63.1	22	99
Medium (1800-4999 patients)	82	70.0	69.6	38	99
Medium High (5000-9999 patients)	54	75.6	75.8	39	99
High (>=10000 patients)	50	81.5	89.5	36	100

National Results

Average Pediatric Readiness Scores

Low Volume (<1800 patients)	Medium Volume (1800-4999 patients)	Medium to High Volume (5000-9999)	High Volume (>=10000)	All Participating Hospitals
62	70	74	84	69
n = 1629	n = 1248	n = 708	n = 561	n = 4146

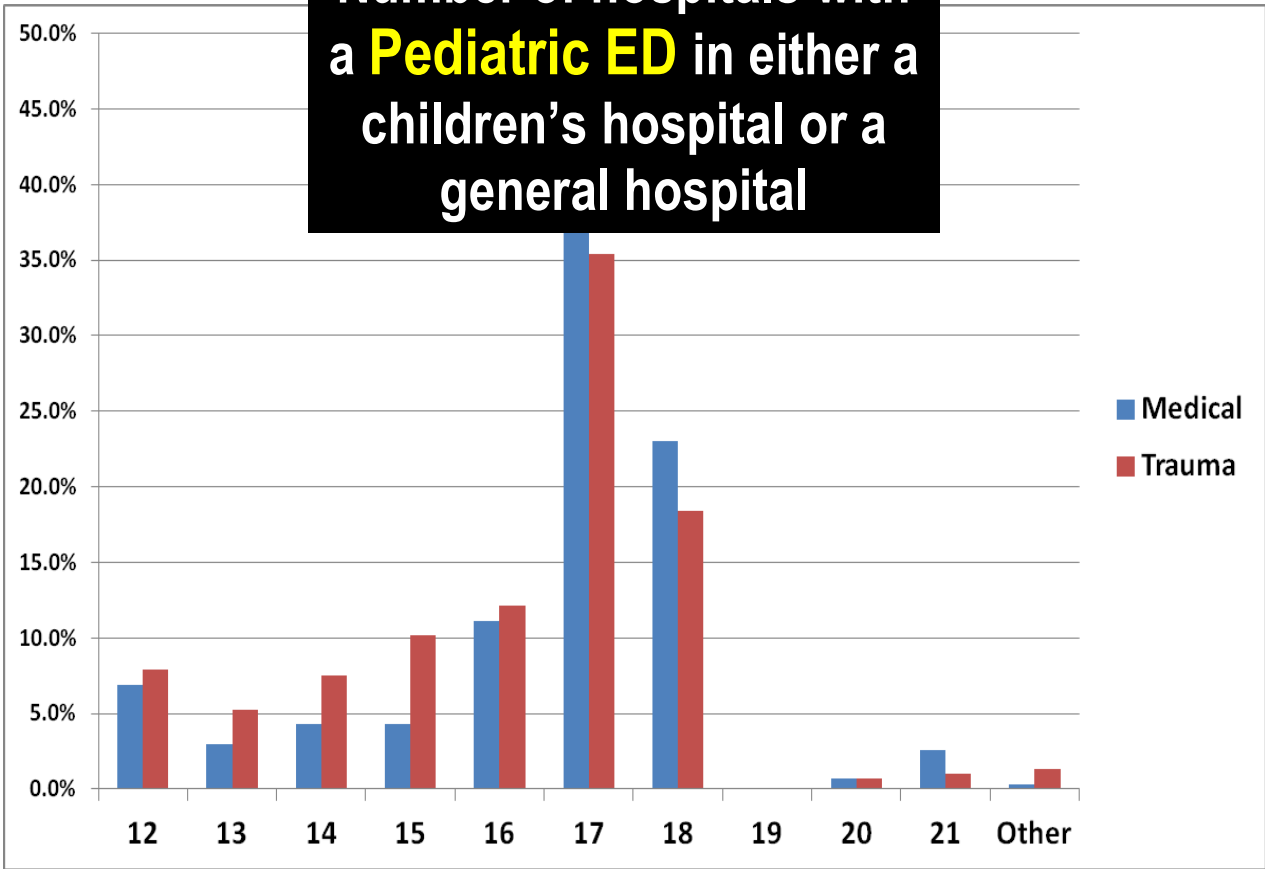
Appendix C.3 – Texas Emergency Department Demographics



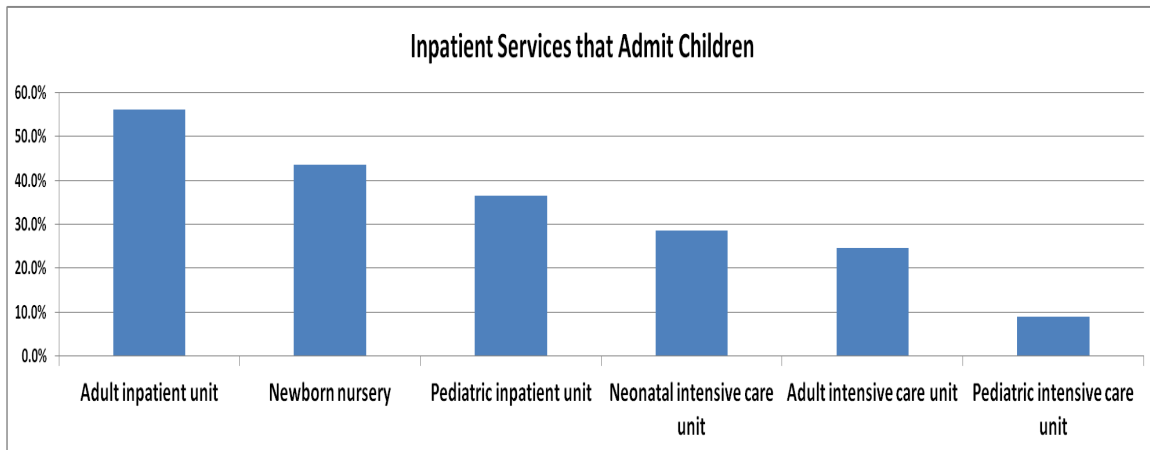
Appendix
Texas

C.4 –

Number of hospitals with a **Pediatric ED** in either a children's hospital or a general hospital



Appendix C.5 – Texas Pediatric Inpatient Capabilities



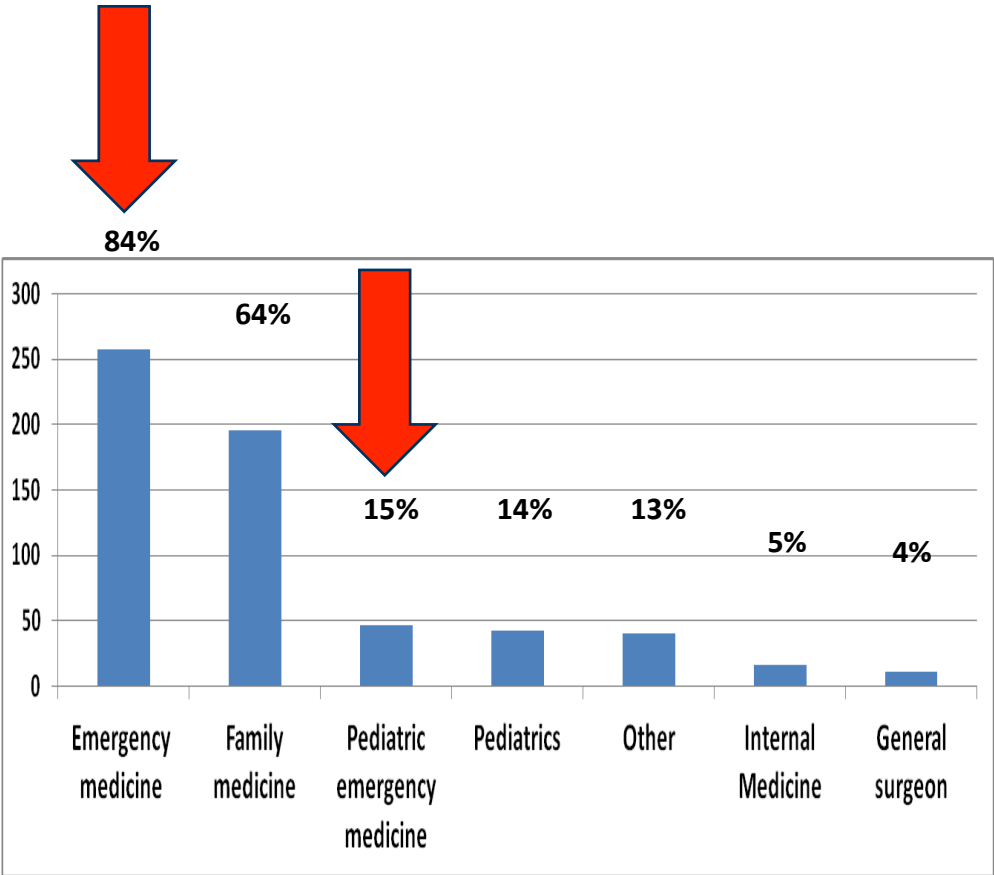
Inpatient Services that Admit Children	%	N
Adult inpatient unit	56.1%	171
Newborn nursery	43.6%	133
Pediatric inpatient unit	36.4%	111
Neonatal intensive care unit	28.5%	87
Adult intensive care unit	24.6%	75
Pediatric intensive care unit	8.9%	27

IMPORTANCE

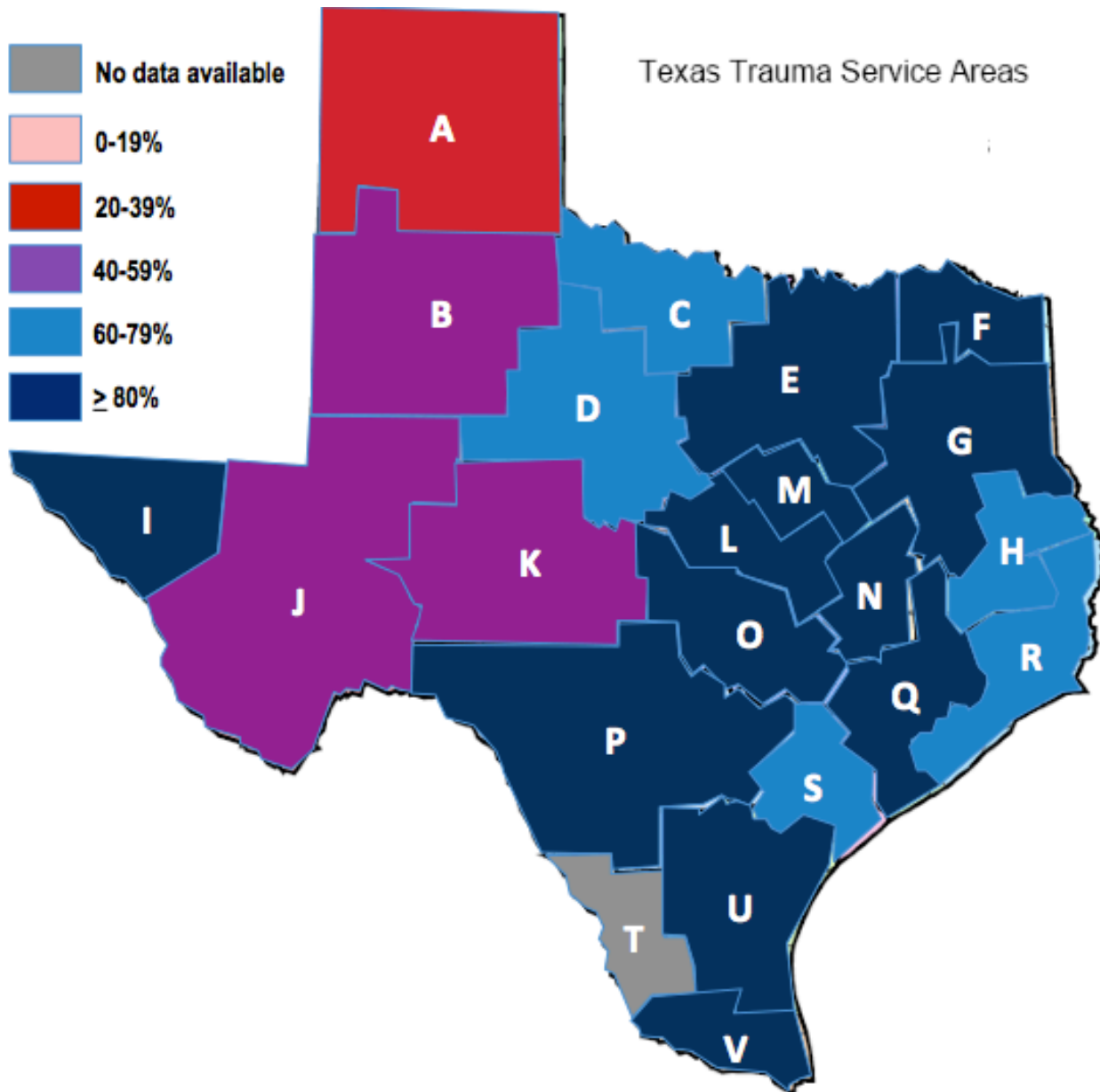
- **Guide EMS in regional destination plans**
- **Avoid unnecessary transfers**
- **Anticipate surge capabilities in disasters**

Appendix C.6 – Presence of MD and RN Coordinator in the Emergency Dept

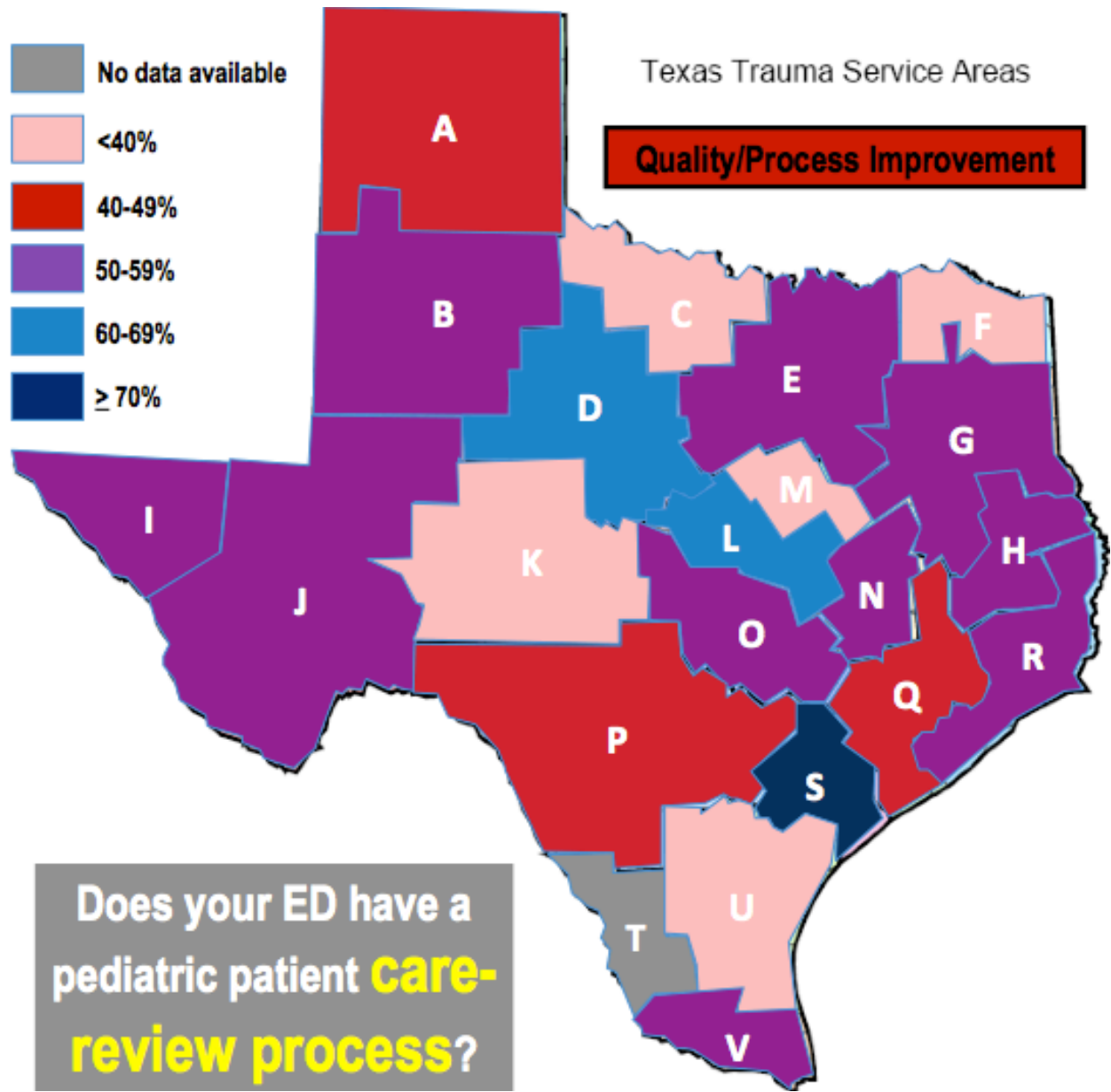
Coordinator	National % (n)	Texas % (n)
Both	41.6% (1,725)	45.2% (138)
Nurse	59.3% (2459)	63.8% (194)
Physician	47.4% (1965)	50% (152)
None	34.9% (1,447)	31.4% (96)



- EM physicians staff most of the EDs in Texas
- Collaboration with EM physicians to improve pediatric readiness in EDs is essential



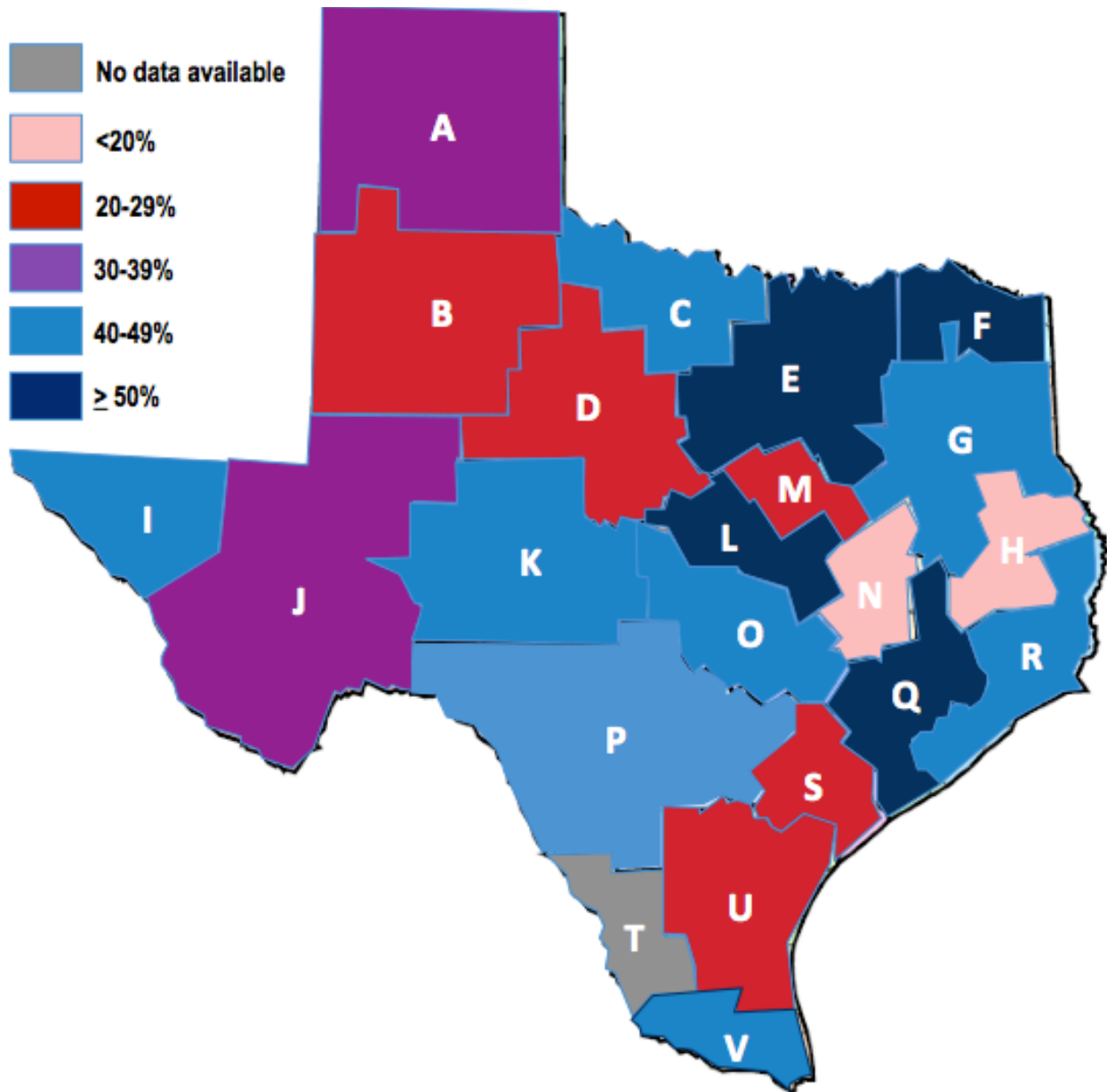
**16% require
neither in Texas**



47% in Texas

How many EDs Weigh and Record Pediatric Patients in Kilograms

- **Out of 305 hospitals in our State**
 - **51% (155)** weigh and record patient weight in kilograms
- **Doing this can avoid medication dosing errors**



Does your hospital
disaster plan
address issues specific
to the care of children?

41% in Texas

Available in <70%

- **Umbilical vein catheters** (49%)
- **Central venous catheters** (4-7F: 62%)
- **Tracheostomy tubes** (3.0, 3.5: 63-65%)
- **Laryngeal mask airways** (1, 1.5, 2, 2.5; 61-69%)

- **All other equipment, supplies, and medications in TX EDs were available in >90% of EDs**

**Available in 70-79 % of
TX EDs**

- **Tracheostomy tubes** (4.0; 71%)
- **Laryngoscope** (straight 00: 76%)
- **Supplies/kit for pediatric difficult airway** (76%)

**Available in 80-90% of
TX EDs**

- **Continuous end-tidal CO₂ monitoring** (80%)
- **Pediatric Magill forceps** (82%)
- **Nasopharyngeal airways** (infant/child: 82-88%)
- **Non-rebreather masks** (infant: 84%)
- **Nasal cannula** (infant: 86%)

Appendix D – Minimum Data Set

Facility Information		
NPI#		
Tx DOH #		
RAC		
Name		
Address (Full)		
Facility Phone Number		
ER Phone Number		
CEO		
CEO email address		
CNO		
CNO email address		
Administration Phone Number		
ER Total Bed Capacity		
ER Pediatric Bed Capacity		
Pediatric Bed Capacity		
IMU (if separate) Bed Capacity		
PICU Bed Capacity		
Subspecialty Capabilities	Y/N Value List	Pediatrics, PEM, Gastro, Ortho, Gen Sur, Trauma Surg, Neuro, NS, Cards, CTS, ICU
Program Submission		
Total Patients (Adult & Pediatric) Seen in ER		Pediatric is < 17
Total Pediatric Seen in ER	Calculated from Data	
Total Pediatric Transfers Out	Calculated from Data	
Total Pediatric Transfers In	Calculated from Data	
Total Pediatric Deaths	Calculated from Data	
Chart Review		
	Data Type	
Pediatric Record ID	Text	YYYY-ID#, Serial Increment
Mode of Transport	Text	POV, EMS-Ground, EMS-Air
Facility Point of Entry	Value List	ER, Floor, IMU, ICU
Admission Type	Value List	ER, Direct Admission, Transfer
Admission Status	Value List	Inpatient, Observation
Date & Time of Arrival	Date/Time	
Date & Time of Discharge	Date/Time	
ICD10 Diagnosis Codes	Text	
ICD10 Procedure Codes	Text	
Transferred From	Value List	
Transferred To	Value List	
Chief Complaint / Admitting Diagnosis	Text	
Initial Height (cm)		Number 1 decimal
Initial Weight (kg)		number 3 decimal
PCP	Y/N	
Discharge / Final Diagnosis	Text	
Discharge Type	Value List	Home, Transfer HLOC, Transfer LTAC, Death
Highest Level of Care		
Suspected Appendicitis		
CT Type	w/o Cont, w/w/o Cont, w/Cont	
CT Result		
US Result		
Asthmatic		
Steroids w/in 1h arrival to administration	Y/N	
Continuous Albuterol		
Magnesium Sulfate Admin		
PASS Initial Score		
PASS Final Score		
TBI		
CT		
MRI		
Highest GCS		
Lowest GCS		
Behavioral		
CPS Report Filed	Y/N	
Suspected Abuse/Neglect Screening Result	Y/N	
Suicide Risk Assessment Completed	Y/N	

DEFINITIONS

VPRP	Voluntary Pediatric Readiness Program
ED	Emergency Department
EMSC	Emergency Medical Service for Children
EMS	Emergency Medical Service
NPRP	National Pediatric Readiness Project
NICU	Neonatal Intensive Care Unit
PICU	Pediatric Intensive Care Unit
PEM	Pediatric Emergency Medicine
GETAC	Governor's EMS and Trauma Advisory Council
TCEP	Texas College of Emergency Physicians
ENA	Emergency Nurses Association
RN	Registered Nurse
CPEN	Certified Pediatric Emergency Nurse
CHAT	Children Hospital Association of Texas
PALS	Pediatric Advance Life Support
ENPC	Emergency Nurse Practitioner - Certified
QI	Quality Improvement
CQI	Continuous Quality Improvement
RAC	Regional Advisory Councils
TPS	Texas Pediatric Society
TORCH	Texas Organization of Rural and Community Hospital

