

Nonurban Missouri Healthcare Coalition Pediatric Annex



Table of Contents

INTRODUCTION	4
COALITION OPERATIONS	
EMS Pediatric Transport	4
Frontline Healthcare Facilities	5
Hospital with Designated Pediatric Care Capacity	5
Healthcare Coalitions	5
APPENDICES	
Appendix A – Obstetrical Beds	6
Obstetrical Beds Baseline	6
Northwest Region	6
Northeast Region	6
Central Region.....	6
Southwest Region	7
Southeast Region.....	8
Appendix B – Neonatal Care	9
Neonatal Beds Baseline.....	9
Northwest Region	9
Northeast Region	9
Central Region.....	10
Southwest Region	10
Southeast Region.....	11
Appendix C – Pediatric Beds	12
Pediatric Beds Baseline	12
Northwest Region	12
Northeast Region	12
Central Region.....	12
Southwest Region	12
Southeast Region.....	13

Appendix D – Nonurban Missouri Hospital Tiers.....	14
Northwest Region	14
Northeast Region	15
Central Region.....	16
Southwest Region	17
Southeast Region.....	19
Explanation of Hospital Tiers	20
Appendix E – EMS Providers	21
Northwest Region	21
Northeast Region	22
Central Region.....	23
Southwest Region	26
Southeast Region.....	27
Appendix F – Coordinators	29
Pediatric Subject Matter Experts	29
Emergency Management Liaison.....	29
EMS Mutual Aid Coordinators	29
Appendix G – Pediatric Equipment List	30
Hospital ED	30
EMS Providers	36
BLS List	36
ALS List	39
BLS Units	40
ALS Units	41

Name	Title	Date	Summary of Changes

INTRODUCTION

A disaster or mass casualty event that significantly impacts the pediatric patient population, including obstetrical and neonatal patients, can occur at any time with or without notice. The size, number and scope of what defines a pediatric MCI will vary considerably based upon geographical location, type, available resources and proximity to specialty care within the Nonurban Missouri Healthcare Coalition. Incidents that remain within the regional may be assisted and supported by the regional components of the NU MO HCC. Events that impact 2 or more regions will serve to activate the NU MO HCC for incident support, information sharing and coordination. For statewide, FEMA Region 7 or national pediatric events DHSS ERC, MHA, MARC and STARRS will coordinate and deconflict response strategies, support communication and information sharing.

A pediatric view of facilities with pediatric capabilities is available on EMResource. A pediatric Immediate Bed Availability query is available to facilitate Realtime information sharing, bed placement and surge capacity across the state as needed. Facilities and services receiving pediatric designations will be added as they become available. EMS entities and their operational capabilities and contacts, including pediatric designations as available, are available on EMResource as well.

COALITION OPERATIONS

To facilitate appropriate pediatric response measures and create a common operating picture, an Incident Response Guide (IRG) has been created within the eICS platform to allow timely and simultaneous notification to all identified and appropriate healthcare partners. The incident will be initiated by the NU MO HCC or DHSS Emergency Response Center (ERC) when a mass pediatric event is identified. As well, each HCC involved in the response will create an eICS incident to capture their HCC's respective response components. At minimum, the HCC Region from which the event originates and the HCC Regions to which the patients are being transported will open and populate an eICS incident. If EMS Mutual Aid or strike team is activated, outside their HCC Region, they will also open and populate an eICS incident. All assigned positions with each eICS incident will be responsible to populate information into eICS relative to the incident. The DHSS ERC will monitor each HCC's eICS entries during the incident and duplicate the appropriate entries into the state-wide eICS incident for state-wide situational awareness. Throughout the response, all state-level EMResource administrators to include DHSS ERC, MHA, MARC and STARRS should maintain visibility of all eICS incidents to facilitate communication and coordination, as necessary.

Emergency Medical Services (EMS) Pediatric Patient Transport

- Pediatric incidents that initiate outside of the facility should be coordinated through local EMS transport protocols and existing mutual aid agreements.
- All EMS entities are encouraged to maintain and train on pediatric skills corresponding to their level of licensure and work towards EMSC designation when available.
- Regional EMS Pediatric Emergency Care Coordinator (PECC) should be encouraged and supported by the HCC when they are available.
- EMS Pediatric Specialty transport services should be utilized as appropriate without delaying patient care and reserved for the most critical patients.

Frontline Healthcare Facilities

- All Healthcare facilities will maintain the ability to assess, stabilize and treat within their scope of care pediatric patients in accordance with EMTALA.
- All Healthcare facilities will maintain transfer agreements with referral facilities that include transfer to a pediatric specialty hospital or facility with designated pediatric care capacity.
- The facility and patient's physician has determined that transfer (either by ground or air) is appropriate and necessary.
- Provide pertinent information to transport entity and receiving hospital regarding the patient's condition and care status, this will include frontline staff communicating with the designated transport officer and hospital receiving physician or designee.
- All facilities are encouraged to maintain and train on pediatric skills and response, have a policy addressing pediatric care for Emergency Department and inpatient units, incorporate pediatric response into their emergency operations plan (EOP) and work towards EMSC designation when available.
- Regional Pediatric Emergency Care Coordinator (PECC) should be encouraged and supported by the HCC when they are available.

Hospital with Designated Pediatric Care Capacity

In addition to core capabilities of the frontline healthcare facility:

- Be available to accept patients from within Missouri.
- Be available to serve as a Pediatric, Neonatal or obstetrical subject matter expert for coalitions when requested.
- Maintain capacity to treat at least one triaged red pediatric patient.
- Maintain the capability to address behavioral health needs for patients and staff
- Maintain the capability to provide culturally and linguistically appropriate services during procedures and interventions.

Healthcare Coalitions (HCC)

- Coordinate local member resource needs.
- Assure engagement of regional 911/Public Safety Answering Point (PSAPs) in regional planning efforts.
- Provide updated information and training to healthcare facilities on routine basis.
- At the time of transport and referral to assessment hospital, assist with coordination and communication relative to the transport and referral processes.
- The healthcare coalition within whose jurisdiction the event originates and from which patients are being transported to appropriate facilities or tertiary care centers will assume responsibility for activating the incident in eICS, thus alerting all pertinent parties and beginning the incident documentation.
- The HCC will assist with patient reunification as requested by their partner entities and/or the DHSS ERC.

APPENDIX A - OBSTETRICAL BEDS

Obstetric Beds Available Baseline:

	NW Region	NE Region	Central Region	SW Region	SE Region	TOTAL NON URBAN
Baseline	36	22	82	179	95	414
10% Surge Capacity	42	24	90	199	104	459

NORTHWEST REGION				
Facility	Level of OB Care Provided	Number of OB Beds	OB Surge Capacity	Associated NICU
Cameron Regional Medical Center	Basic (Level1)	4	5	No
Community Hospital Fairfax	Basic (Level 1)	2	3	No
Hedrick Medical Center	Basic (Level1)	1	2	No
MOSAIC Life Care	Specialty Care (Level 2)	24	26	Yes
MOSAIC Medical Center Maryville	Basic Care (Level 1)	5	6	No
NORTHEAST REGION				
Hannibal Regional Hospital	Basic (Level 1)	6	7	No
North East Regional Medical Center	Basic (Level 1)	14	15	No
Scotland County Hospital	Basic (Level 1)	2	2	No
CENTRAL REGION				
Boone Hospital Center	Subspecialty Care (Level 3)	48	53	Yes
Capital Regional Medical Center	Basic (Level 1)	12	13	No

Facility	Level of OB Care Provided	Number of OB Beds	OB Surge Capacity	Associated NICU
Lake Regional Health System	Specialty Care (Level 2)	10	11	No
SSM Health Saint Mary's	Basic (Level 1)	12	13	No
Women's and Children's Hospital (MUHC)	Subspecialty Care (Level 3)	0	0	Yes
SOUTHWEST REGION				
Citizens Memorial Hospital	Basic Care (Level 1)	8	9	No
Cox Medical Center Branson	Basic Care (Level 1)	14	15	No
Cox Monett	Basic Care (Level 1)	7	8	No
Cox South	Subspecialty Care (Level 3)	32	35	Yes
Freeman West	Subspecialty Care (Level 3)	24	26	Yes
Mercy Hospital Aurora	Basic Care (Level 1)	5	6	No
Mercy Hospital Joplin	Specialty Care (Level 2)	19	21	Yes
Mercy Hospital Springfield	Subspecialty Care (Level 3)	36	40	Yes
Nevada Regional Medical Center	Basic Care (Level 1)	11	12	No
Missouri Baptist Sullivan Hospital	Basic Care (Level 1)	3	4	No
Phelps Health	Basic Care (Level 1)	16	18	No
Texas County Memorial Hospital	Basic Care (Level 1)	4	5	No

SOUTHEAST REGION				
Facility	Level of OB Care Provided	Number of OB Beds	OB Surge Capacity	Associated NICU
Missouri Delta Medical Center	Basic Care (Level 1)	12	13	Yes
Poplar Bluff Regional Medical Center	Basic Care (Level 1)	38	42	No
Saint Francis Medical Center	Subspecialty Care (Level 3)	24	26	Yes
South East Hospital	Specialty Care (Level 2)	17	18	Yes
Ste Genevieve County Memorial Hospital	Basic Care (Level 1)	4	5	No
Level of Care Provided Based upon ACOG Definitions: Level 1 (Basic) Level 2 (Specialty Care) Level 3 (Subspecialty Care) Level 4 (Perinatal Health Centers) ACOG Levels of maternal care				

APPENDIX B – NEONATAL CARE

Neonatal Beds Baseline

	NW Region	NE Region	Central Region	SW Region	SE Region	TOTAL NON URBAN
Baseline	36	20	161	258	146	621
10% Surge Capacity	42	22	177	309	161	711

Facility	Level of Neonatal Care Provided	Number of Neonatal Beds	Number of NICU Beds	Total Neonatal Surge Capacity
NORTHWEST REGION				
Cameron Regional Medical Center	Basic (Level 1)	4	0	5
Community Hospital Fairfax	Basic (Level 1)	2	0	3
Hedrick Medical Center	Basic (Level 1)	1	0	2
MOSAIC Life Care	Specialty Care (Level 2)	24	0	26
MOSAIC Medical Center Maryville	Basic (Level 1)	5	0	6
NORTHEAST REGION				
Hannibal Regional Hospital	Basic (Level 1)	6	0	7
North East Regional Medical Center	Basic (Level 1)	14	0	15
Scotland County Memorial Hospital	Basic (Level 1)		0	

Facility	Level of Neonatal Care Provided	Number of Neonatal Beds	Number of NICU Beds	Total Neonatal Surge Capacity
CENTRAL REGION				
Boone Hospital Center	Subspecialty Care (Level 3)	48	21	76
Capital Regional Medical Center	Basic (Level 1)	12	0	13
Lake Regional Health System	Specialty Care (Level 2)	10	0	11
SSM Health Saint Mary's	Basic (Level 1)	12	0	13
MU Women's and Children's	Subspecialty Care (Level 3)	0	58	64
SOUTHWEST REGION				
Citizens Memorial Hospital	Basic (Level 1)	8	0	9
Cox Medical Center Branson	Basic (Level 1)	14	0	15
Cox Monett	Basic (Level 1)	7	0	8
Cox South	Subspecialty Care (Level3)	32	34	95
Freeman West	Subspecialty Care (Level3)	24	24	53
Mercy Hospital Aurora	Basic (Level 1)	5	0	6
Mercy Hospital Joplin	Specialty Care (Level 2)		14	15
Mercy Hospital Springfield	Subspecialty Care (Level 3)		63	69

Facility	Level of Neonatal Care Provided	Number of Neonatal Beds	Number of NICU Beds	Total Neonatal Surge Capacity
SOUTHWEST REGION cont.				
Nevada Regional Medical Center	Basic (Level 1)	11	0	12
Missouri Baptist Sullivan Hospital	Basic (Level 1)	3	0	4
Phelps Health	Basic (Level 1)	16	0	18
Texas County Memorial Hospital	Basic (Level 1)	4	0	5
SOUTHEAST REGION				
Missouri Delta Medical Center	Basic (Level 1)	12	0	13
Poplar Bluff Regional Medical Center	Basic (Level 1)	38	0	42
Saint Francis Medical Center	Subspecialty Care (Level 3)	24	36	66
South East Hospital	Specialty Care (Level 2)	17	15	35
Ste Genevieve County Memorial Hospital	Basic (Level 1)	4	0	5
Level of Care Provided Based upon State Definitions: Level 1 – Well New Born Nursery Level 2 – Special Care Nursery Level 3 – Level 3 NICU Level 4 – Level 4 NICU (surgical Capabilities for the most complex patients)				

APPENDIX C – PEDIATRIC BEDS

Pediatric Bed Baseline

	NW Region	NE Region	Central Region	SW Region	SE Region	TOTAL NON URBAN
Pediatric Beds	10	2	39	133	45	229
Pediatric Surge	13	3	44	146	50	256
PICU Beds	0	0	13	28	0	41
PICU Bed Surge	0	0	14	31	0	45

NORTHWEST REGION				
Facility	Pediatric Trauma Center	Number of Pediatric Beds	Number of PICU Beds	Total Pediatric Surge Capacity
Community Hospital Fairfax	No	1	0	2
MOSAIC Life Care	No	8	0	9
NORTHEAST REGION				
CENTRAL REGION				
Boone Hospital Center	No	14	0	15
MU Women's and Children's	No	25	13	42
SOUTHWEST REGION				
Cox Medical Center Branson	No	8	0	9
Cox South	No	26	4	33
Freeman West	No	9	0	10
Mercy Hospital Joplin	No	11	12	25
Mercy Hospital Springfield	No	28	12	44
Nevada Regional Medical Center	No	2	0	3

Facility	Pediatric Trauma Center	Number of Pediatric Beds	Number of PICU Beds	Total Pediatric Surge Capacity
SOUTHWEST REGION cont.				
Mercy Hospital Lebanon	No	3	0	4
Phelps Health	No	18	0	20
Texas County Memorial Hospital	No	10	0	11
SE REGION				
Poplar Bluff Regional Medical Center	No	24	0	26
Saint Francis Medical Center	No	8	0	9
South East Hospital	No	8	0	9

APPENDIX D – NONURBAN MISSOURI HOSPITAL TIERS

NORTHWEST REGION									
Tier	Facility	OB CARE	NEONATAL CARE	PICU	ADULT ICU	TRAUMA CENTER	PEDS CAPABLE ED	PEDS ACUTE CARE BEDS	PEDS COMMUNITY ACUTE CARE BEDS
4	Cameron Regional Medical Center	Basic (Level 1)	Basic (Level 1)		YES		YES		Yes
3	Community Hospital Fairfax	Basic (Level 1)	Basic (Level 1)				YES	YES	YES
5	Harrison County Community Hospital						YES		YES
4	Hedrick Medical Center	Basic (Level 1)	Basic (Level 1)		Yes		YES		YES
2	MOSAIC Life Care	Specialty Care (Level 2)	Specialty Care (Level 2)		YES	Level 2	YES	YES	YES
5	MOSAIC Medical Center Albany						YES		YES
4	MOSAIC Medical Center Maryville	Basic (Level 1)	Basic (Level 1)		YES		YES		YES
5	Wright Memorial Hospital						YES		YES

NORTHEAST REGION									
Tier	Facility	OB CARE	NEONATAL CARE	PICU	ADULT ICU	TRAUMA CENTER	PEDS CAPABLE ED	PEDS ACUTE CARE BEDS	PEDS COMMUNITY ACUTE CARE BEDS
3	Hannibal Regional Hospital	Basic (Level 1)	Basic (Level 1)		YES		YES		YES
3	Moberly Regional Medical Center				YES		YES		YES
2	Northeast Regional Medical Center	Specialty Care (Level 2)	Basic (Level 1)		YES	Level 3	YES		YES
5	Pershing Memorial Hospital						YES		YES
5	Putnam County Memorial Hospital						YES		YES
5	Samaritan Hospital						YES		YES
3	Scotland County Hospital	Basic (Level 1)	Basic (Level 1)		YES		YES		YES
5	Sullivan County Memorial Hospital						YES		YES

CENTRAL REGION									
Tier	Facility	OB CARE	NEONATAL CARE	PICU	ADULT ICU	TRAUMA CENTER	PEDS CAPABLE ED	PEDS ACUTE CARE BEDS	PEDS COMMUNITY ACUTE CARE BEDS
3	Boone Hospital Center	Sub-specialty Care (Level 3)	Sub-specialty Care (Level 3)		YES		YES	YES	YES
4	Capital Regional Medical Center	Basic (Level 1)	Basic (Level 1)		YES		YES		YES
5	Fulton Medical Center						YES		YES
5	Herman Area District Hospital						YES		YES
2	Lake Regional Health System	Specialty Care (Level 2)	Specialty Care (Level 2)		Yes	Level 3	YES		YES
5	SSM Health Saint Mary's- Audrain						YES		
5	SSM Health Saint Mary's- Jefferson City	Basic (Level 1)	Basic (Level 1)				YES		YES
2	University Hospital (MUHC)				Yes	Level 1	YES		YES
1	Women's & Children's Hospital (MUHC)	Sub-specialty Care (Level 3)	Sub-specialty Care (Level 3)	YES	Yes		YES	YES	YES

SOUTHWEST REGION									
Tier	Facility	OB CARE	NEONATAL CARE	PICU	ADULT ICU	TRAUMA CENTER	PEDS CAPABLE ED	PEDS ACUTE CARE BEDS	PEDS COMMUNITY ACUTE CARE BEDS
5	Cedar County Memorial Hospital						YES		YES
2	Citizens Memorial Hospital	Basic (Level 1)	Basic (Level 1)		yes	Level 3	YES		YES
5	Cox Barton County Hospital						YES		YES
3	Cox Medical Center Branson	Basic (Level 1)	Basic (Level 1)				YES	YES	YES
5	Cox Monett	Basic (Level 1)	Basic (Level 1)				YES		YES
1	Cox South	Subspecialty Care (Level 3)	Subspecialty Care (Level 3)	YES	yes	Level 1	YES	YES	YES
5	Ellett Memorial Hospital						YES		YES
5	Freeman Neosho Hospital						YES		YES
2	Freeman West	Subspecialty Care (Level 3)	Subspecialty Care (Level 3)		yes	Level 2	YES	YES	YES
5	Mercy Hospital Aurora	Basic (Level 1)	Basic (Level 1)				YES		YES
6	Mercy Hospital Carthage						YES		
5	Mercy Hospital Cassville						YES		YES
1	Mercy Hospital Joplin	Specialty Care (Level 2)	Specialty Care (Level 2)	YES	Yes	Level 2	YES	YES	YES
1	Mercy Hospital Springfield	Subspecialty Care (Level 3)	Subspecialty Care (Level 3)	YES	yes	Level 1	YES	YES	YES

SOUTHWEST REGION cont.									
Tier	Facility	OB CARE	NEONATAL CARE	PICU	ADULT ICU	TRAUMA CENTER	PEDS CAPABLE ED	PEDS ACUTE CARE BEDS	PEDS COMMUNITY ACUTE CARE BEDS
3	Nevada Regional Medical Center	Basic (Level 1)	Basic (Level 1)				YES	YES	YES
3	Mercy Hospital Lebanon						YES	YES	YES
5	Missouri Baptist Sullivan Hospital	Basic (Level 1)	Basic (Level 1)				YES		YES
3	Phelps Health	Basic (Level 1)	Basic (Level 1)				YES	YES	YES
5	Salem Memorial District Hospital						YES		YES
6	Mercy St Francis Hospital						YES		
5	Ozarks Medical Center	Basic (Level 1)	Basic (Level 1)				YES		YES
3	Texas County Memorial Hospital	Basic (Level 1)	Basic (Level 1)				YES	YES	YES

SOUTHEAST REGION									
Tier	Facility	OB CARE	NEONATAL CARE	PICU	ADULT ICU	TRAUMA CENTER	PEDS CAPABLE ED	PEDS ACUTE CARE BEDS	PEDS COMMUNITY ACUTE CARE BEDS
6	Iron County Medical Center						YES		
5	Madison Medical Center						YES		YES
3	Missouri Delta Medical Center	Basic (Level 1)	Basic (Level 1)				YES	YES	YES
5	Pemiscot Memorial Health System						YES		YES
6	Perry County Memorial Hospital	Basic (Level 1)	Basic (Level 1)				YES		
3	Poplar Bluff Regional Medical Center	Basic (Level 1)	Basic (Level 1)				YES	YES	YES
2	Saint Francis Medical Center	Subspecialty Care (Level 3)	Subspecialty Care (Level 3)			Level 3	YES	YES	YES
6	Southeast Health Center of Stoddard County						YES		
3	Southeast Hospital	Specialty Care (Level2)	Specialty Care (Level2)				YES	YES	YES
5	Ste Genevieve County Memorial Hospital	Basic (Level 1)	Basic (Level 1)				YES		YES

EXPLANATION OF NON-URBAN MISSOURI HOSPITAL TIERS

Tier	Tier Criteria	Types of Patients Recommended for the Tier	Proposed Surge Capacity	Number of Hospitals
1	Full Pediatric Complement – NICU, PICU & Peds Acute	All patients and services (Triage level – immediate)	Expand PICU and Peds Acute capacity for medical and trauma scenarios	4
2	Partial Pediatric Complement – NICU or PICU, Peds Acute & Adult Trauma Designation	All patients and services (Triage level – immediate)	Use for a trauma surge event and overflow for intensive care	7
3	Pediatric Acute Beds	All patients and services, but would be used following Tiers 1 and 2	Expand Peds Acute care	13
4	Pediatric Designated Facilities - No Peds Acute or PICU/NICU beds	Ideally for children over age 8 Respiratory, simple fractures, surgical cases. Possible expanded use based upon individual facility capabilities.	Adult Med/Surg and/or ICU beds carved out in a specific area	4
5	No Pediatric Designation – No Peds Acute, NICU or PICU	Stable patients over age 8.	Transfer patients based on specialty	24
6	Emergency Services Only and/or Specialty Type Hospitals	Use as a specialty resource		5

*based off the Los Angeles County Pediatric Surge Plan p14

APPENDIX E – EMS PROVIDERS

NORTHWEST REGION					
EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	BASE TYPE EMS SERVICE
	Andrew County Ambulance District	ALS			District
	Atchison-Holt Ambulance District	ALS			District
	Buchanan County EMS	ALS	Yes		District
	Caldwell County EMS	ALS			District
	Cameron Ambulance District	ALS			District
	Chillicothe Emergency Services	ALS			Fire
	Davies County Community Ambulance District	ALS			District
	Dekalb-Clinton County Ambulance District	ALS			District
	Grand River Regional Ambulance District	ALS			District
	Grundy County Ambulance District	ALS			District
	Mercer County Ambulance District	ALS			District
	Nodaway County Ambulance District	ALS			District
	North Harrison Ambulance District	ALS			District
	NTA Ambulance District	ALS	Yes	Yes	District
	Tri-County Ambulance District	ALS			District
	Worth County Ambulance District	BLS			District
	EMS AIR SERVICES	Location	Fixed or Rotor	Pediatric Capable	
	Lifeflight Eagle	Chillicothee	Rotary Wing		
	Lifenet	St joseph	Rotary Wing		

NORTHEAST REGION					
EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	FIRE BASED EMS SERVICE
	Adair County Ambulance District	ALS			District
	Chariton County Ambulance District	ALS			District
	Clark County Ambulance District	ALS			District
	Knox County Ambulance District	ALS			District
	Lewis County Ambulance District	ALS			District
	Linn County Ambulance District	ALS			District
	Macon County Ambulance District	ALS			Hospital
	Marion County Ambulance District	ALS			District
	Monroe County Ambulance District	ALS			District
	Putnam County Ambulance District	ALS			District
	Ralls County Ambulance District	ALS			District
	Randolph County Ambulance District	ALS			District
	Salt River Ambulance District	ALS			District
	Schuyler County Ambulance District	BLS			District
	Scotland County Ambulance District	ALS			Hospital
	Sullivan County Ambulance District	ALS			District
	EMS AIR SERVICES	Location	Fixed or Rotor	Pediatric Capable	
	Hannibal Air Ambulance	Hannibal	Fixed Wing		

CENTRAL REGION					
EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	FIRE BASED EMS SERVICE
	Audrain County District	ALS			Hospital
	Boone Hospital Center Ambulance	ALS			Hospital
	Callaway County Ambulance District	ALS			District
	CAM-MO Ambulance District	ALS			District
	Camden Ambulance District	ALS			District
	City of Osage Ambulance District	ALS			District
	Cole County Emergency Medical Services	ALS			District
	Comm-Unity Ambulance	BLS			District
	Cooper County Ambulance District	ALS			Hospital
	Hermann Area Ambulance District	ALS			District
	Howard County Ambulance District	ALS			District
	Lake Ozark Fire Protection District	ALS			Fire
	Mid-MO Ambulance District	ALS			District
	Miller County Ambulance District	ALS			District
	Montgomery County Ambulance District	ALS			District
	Osage Ambulance District	ALS			Private
	Owensville Area Ambulance District	ALS			District
	Ozark Central Ambulance District	ALS			Hospital

CENTRAL REGION cont.					
Pediatric Designated Units	University Hospital Ambulance Service	ALS			Hospital
	Van-Far Ambulance	ALS			District
	EMS AIR SERVICES	Location	Fixed or Rotor	Pediatric Capable	
	Staff for Life – Columbia	Columbia	Rotary Wing		

SOUTHWEST REGION					
EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	FIRE BASED EMS SERVICE
	Barry-Lawrence County Ambulance District	ALS			District
	Barton County Ambulance District	ALS			District
	Cedar County Ambulance District	ALS			District
	Citizens Memorial Hospital AMS	ALS			Hospital
	Cox EMS- Christian County Ambulance District	ALS			Hospital
	Cox EMS- Greene County	ALS			Hospital
	Cox EMS-Stone County	ALS			Hospital
	Cox EMS-Webster County	ALS			Hospital
	Cox Paramedics-Dade County	ALS			Hospital
	Ellett Memorial Hospital EMS	BLS			Hospital
	Freeman Ambulance-McDonald County	ALS			Hospital
	Mercy EMS-Carthage	ALS			Hospital
	Mercy EMS-Greene County	ALS			Hospital
	Mercy EMS-Lawrence County	ALS			Hospital
	Mercy EMS-South Barry County	ALS			Hospital
	Metro Emergency Transport System	ALS			Private
	Newton County Ambulance District	ALS			District
	Taney County Ambulance District	ALS			District
	Vernon County Ambulance District	ALS			District
	Dixon Ambulance District	ALS			District

SOUTHWEST REGION cont.

EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	FIRE BASED EMS SERVICE
	Maries-Osage Ambulance District	ALS			District
	North Crawford County Ambulance District	ALS			District
	Phelps Health EMS	ALS			Hospital
	Pulaski County Ambulance District	ALS			District
	Salem Memorial District Hospital-EMS	ALS			Hospital
	St James Ambulance District	ALS			District
	Steelville Ambulance District	ALS			District
	Cox Paramedics-Ava Area Ambulance District	ALS			Hospital
	East Carter County Ambulance	ALS			District
	Oregon County Ambulance District	ALS			Hospital
	Ozark County Ambulance District	ALS			Hospital
	Reynolds County Ambulance District	BLS			District
	South Howell County Ambulance District	ALS			District
	St Johns EMS-Shannon County	ALS			Hospital
	Texas County Memorial Hospital EMS	ALS			Hospital
	West Carter County Ambulance District	ALS			Hospital
	Willow Springs Ambulance District	ALS			Hospital
	EMS AIR SERVICES	Location	Fixed or Rotor	Pediatric Capable	
	Cox Air Care	Springfield	Rotary Wing		
	Hammons Lifeline	Springfield	Rotary Wing		
	Ozark Mountain Med Flight	Springfield	Fixed Wing		

SOUTHEAST REGION					
EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	FIRE BASED EMS SERVICE
	Bollinger County EMS	ALS			Private
	Butler County LLC	ALS			District
	Cape County Private Ambulance Service	ALS			Private
	Clearwater Ambulance District	ALS			District
	Dunklin County Ambulance District	ALS			District
	East Wayne County Ambulance District	ALS			District
	Iron County Ambulance District	ALS			District
	Madison County Ambulance District	ALS			District
	Medic One Ambulance	ALS			District
	Mississippi County Ambulance District	ALS			District
	Naylor-Neelyville Ambulance District	BLS			District
	New Madrid County Ambulance District	BLS			District
	North Scott County Ambulance District	ALS			District
	Pemiscot Memorial Health System EMS	ALS			Hospital
	Ripley County Ambulance District	ALS			Hospital
	Rural Metro Mid-South LP				District
	South Scott County Ambulance District	ALS			District
	Stoddard County Ambulance District	ALS			District
	Washington County Ambulance District	ALS			District

SOUTHEAST REGION cont.					
EMS-C DESIGNATION	EMS GROUND SERVICE	BLS / ALS	CRITICAL CARE TRAINED UNITS *or equivalent	PEDS CAPABLE VENT	FIRE BASED EMS SERVICE
	EMS AIR SERVICES	Location	Fixed or Rotor	Pediatric Capable	
	Air Evac Lifeteam	West Plains	Rotary Wing / Fixed Wing		
	Lifebeat Air Medical Service	Cape Girardeau	Rotary Wing		

APPENDIX F – COORDINATORS

Pediatric Subject Matter Experts

EMSC Program Coordinator	Liz Kendrick	kendricke@health.missouri.edu
Missouri Hospital Association Clinical Advisor	Keri Barclay	kbarclay@mhanet.com

Emergency Management Liaisons

SEMA REGIONAL COORDINATORS		
NW Region (Region H)	Michael Booth	573-680-9815
NE Region (Region B)	Jeff Alton	573-644-3849
Central Region (Region F)	Brenda Gerlach	573-644-3728
SW Region (Region D)	Denise Russell	573-821-4683
SW Region (Region I)	Brett Hendrix	573-680-9815
SW Region (Region G)	Kent Edge	573-907-8794
SE Region (Region E)	Hank Voelker	573-290-5125

EMS Mutual Aid Coordinators

NW REGION (Region H)		
EMS Mutual Aid Coordinator	John Barclay	660-425-6319
EMS Mutual Aid Coordinator - Deputy	Gene Bradley	660-736-5216
EMS Air Coordinator	Joe Coons	816-283-9719
NE Region (Region B)		
EMS Mutual Aid Coordinator	John Clemens	573-221-5510 x102
EMS Mutual Aid Coordinator Deputy	Kat Probst	66-665-0000 x3
EMS Air Coordinator	Brandon Buckman	217-222-9632

Central Region (Region F)		
EMS Mutual Aid Coordinator	Josh Krull	573-882-9074
EMS Mutual Aid Coordinator - Deputy	Marc Carr	573-882-9074
EMS Mutual Aid Coordinator - Deputy	Jake Waller	573-882-4281
EMS Air Coordinator	Joan Drake	573-882-9074
SW Region (Region D)		
EMS Mutual Aid Coordinator	Shane Vaughan	417-272-1700
EMS Mutual Aid Coordinator - Deputy	Jason Smith	417-820-6679
EMS Air Coordinator	DJ Satterfield	417-820-6679
SW Region (Region I)		
EMS Mutual Aid Coordinator	Bruce Naugle	417-718-1197
SW Region (Region G)		
EMS Mutual Aid Coordinator	Jack Davis	417-934-6212
EMS Air Coordinator	Jack Bates	417-293-7332
SE Region (Region E)		
EMS Mutual Aid Coordinator	Larry Chasteen	573-887-6311
EMS Mutual Aid Coordinator - Deputy	John Russell	573-335-8891

APPENDIX G – PEDIATRIC EQUIPMENT LIST

Pediatric Equipment List

Recommended Equipment List developed from The American Academy of Pediatrics, Emergency Nurses Association and EMSC National Resource Center.

Hospital Emergency Department Training

Pediatric Advanced Life Support or equivalent emergent pediatric care training

Tools

Medication chart, length-based tape, medical software, or other systems is readily available to ensure proper sizing of resuscitation equipment and proper dosing of medications.

Equipment/Supplies: General

- ☐ patient warming device
- ☐ intravenous blood/fluid warmer
- ☐ restraint device
- ☐ weight scale in kilograms
- ☐ tool or chart that incorporates weight (in kilograms) and length to determine equipment size and correct drug dosing
- ☐ age appropriate pain scale-assessment tools

Equipment/Supplies: Monitoring Equipment

blood pressure cuffs

- ☐ neonatal
- ☐ infant
- ☐ child
- ☐ adult-arm
- ☐ adult-thigh
- ☐ electrocardiography monitor/ defibrillator with pediatric and adult capabilities including pads/paddles
- ☐ hypothermia thermometer
- ☐ pulse oximeter with pediatric and adult probes
- ☐ continuous end-tidal CO2 monitoring device

Equipment/Supplies: Vascular Access

arm boards

- ☐ infant
- ☐ child
- ☐ adult

catheter-over-the-needle device (like an Angiocath)

- ☐ 14 gauge
- ☐ 16 gauge
- ☐ 18 gauge
- ☐ 20 gauge
- ☐ 22 gauge
- ☐ 24 gauge

intraosseous needles or device

- ☐ pediatric
- ☐ adult

umbilical vein catheters

- ☐ 3.5F
- ☐ 5.0F

central venous catheters (any two sizes)

- ☐ 4.0F
- ☐ 5.0F
- ☐ 6.0F
- ☐ 7.0F

IV administration sets with calibrated chambers and extension tubing and/or infusion devices with ability to regulate rate and volume of infusate

intravenous solutions

- ☐ normal saline
- ☐ dextrose 5% in normal saline
- ☐ dextrose 10% in water

Equipment/Supplies: Fracture Management

- ☐ extremity splints
- ☐ femur splints, pediatric sizes
- ☐ femur splints, adult sizes
- ☐ spine-stabilization devices appropriate for children of all ages
- ☐ Splinting materials

Equipment/Supplies: Respiratory

endotracheal tubes

- ☐ uncuffed 2.5 mm
- ☐ uncuffed 3.0 mm
- ☐ cuffed or uncuffed 3.5 mm
- ☐ cuffed or uncuffed 4.0 mm
- ☐ cuffed or uncuffed 4.5 mm
- ☐ cuffed or uncuffed 5.0 mm

- ☐ cuffed or uncuffed 5.5 mm
- ☐ cuffed 6.0 mm
- ☐ cuffed 6.5 mm
- ☐ cuffed 7.0 mm
- ☐ cuffed 7.5 mm
- ☐ cuffed 8.0 mm

oropharyngeal airways

- ☐ size 0
- ☐ size 1
- ☐ size 2
- ☐ size 3
- ☐ size 4
- ☐ size 5

stylets for endotracheal tubes

- ☐ pediatric
- ☐ adult

nasopharyngeal airways

- ☐ infant
- ☐ child
- ☐ adult

tracheostomy tubes

- ☐ 2.5 mm
- ☐ 3.0 mm
- ☐ 3.5 mm
- ☐ 4.0 mm
- ☐ 4.5 mm
- ☐ 5.0 mm
- ☐ 5.5 mm

laryngoscope handle

laryngoscope blades

- ☐ straight: 0

- ☐ straight: 1
- ☐ straight: 2
- ☐ straight: 3
- ☐ curved: 2
- ☐ curved: 3

suction catheters

- ☐ infant
- ☐ child
- ☐ adult

Magill forceps

- ☐ pediatric
- ☐ adult
- ☐ yankauer suction tip

bag-mask device, self-inflating

- ☐ infant: 450 ml
- ☐ adult: 1000 ml

masks to fit bag-mask device adaptor

- ☐ neonatal
- ☐ infant
- ☐ child
- ☐ adult

clear oxygen masks

- ☐ standard infant
- ☐ standard child
- ☐ standard adult
- ☐ partial nonrebreather infant
- ☐ nonrebreather child
- ☐ nonrebreather adult

nasal cannulas

- ☐ infant

- ☐ child
- ☐ adult

nasogastric tubes

- ☐ infant: 8F
- ☐ child: 10F
- ☐ adult: 14-18F

laryngeal mask airway

- ☐ size: 1
- ☐ size: 1.5
- ☐ size: 2
- ☐ size: 2.5
- ☐ size: 3
- ☐ size: 4
- ☐ size: 5

Equipment/Supplies: Specialized Pediatric Trays or Kits

- ☐ supplies/kit for patients with difficult airway (supraglottic airways of all sizes, laryngeal mask airway, needle cricothyrotomy supplies, surgical cricothyrotomy kit)

chest tubes:

- ☐ infant: 10-12F
- ☐ child: 16-24 F
- ☐ adult: 28-40 F
- ☐ newborn delivery kit, including equipment for resuscitation of an infant (umbilical clamp, scissors, bulb syringe, and towel)
- ☐ urinary catheterization kits and urinary (indwelling) catheters (6F–22F)

Medications

- ☐ atropine
- ☐ adenosine
- ☐ amiodarone
- ☐ antiemetic agents
- ☐ calcium chloride
- ☐ dextrose (D10W, D50W)

- ☐ epinephrine (1:1000; 1:10 000 solutions)
- ☐ lidocaine
- ☐ magnesium sulfate
- ☐ naloxone hydrochloride
- ☐ procainamide
- ☐ sodium bicarbonate (4.2%, 8.4%)
- ☐ topical, oral, and parenteral analgesics
- ☐ antimicrobial agents (parenteral and oral)
- ☐ anticonvulsant medications
- ☐ antidotes (common antidotes should be accessible)
- ☐ antipyretic drugs
- ☐ bronchodilators
- ☐ corticosteroids
- ☐ inotropic agents
- ☐ neuromuscular blockers
- ☐ sedatives
- ☐ vaccines
- ☐ vasopressor agents

EMS PROVIDERS

BLS List (35 total unique items)

Suction catheters

Rigid tonsil tip (1)

Flexible between 6-10 fr. (1)

Flexible between 12-16 fr. (1)

Oxygen delivery

Portable Oxygen apparatus, capable of metered flow

Nasal cannula

- adult (1)
- child (1)

Non-rebreather masks

- adult (1)
- child (1)

Hand operated self-expanding bag-valve mask

- child (450-750 ml) (1)
- adult (>1000ml) (1)

Masks for BVM- (1ea) (4)

- Adult
- Child
- Infant
- Neonate

Airways

Nasal Airways (2)

- 1 size between 16-24 fr
- 1 size between 26-34 fr

Oral airways- one in each size (3)

- 0-1
- 2-3
- 4-5

Pulse oximeter with pediatric and adult probes (2)

Note: Pulse oximeter may be independent or integrated with a monitor/defibrillator or other device)

Bulb suction for infants (if not included in OB kit) (1)

Cardiac AED or defibrillator that includes pediatric capability (1)

Trauma Immobilization devices

Rigid cervical for children 2 years through adult

- small (1)
- medium (1)
- large (1)

Extremity immobilization devices to fit children and adults

- small (1)
- medium (1)
- large(1)

OB/Newborn OB Kit (commercially packaged or locally prepared) (1)

Should include:

- Towels
- 4x4 dressing
- Umbilical tape
- Sterile scissors or another cutting utensil
- Bulb suction
- Clamps for cord
- Sterile gloves
- blanket Receiving or thermal absorbent blanket and head cover or appropriate heat-reflective material (if not included in OB Kit) (1)

Miscellaneous

Blood Pressure Cuff

- adult cuff (1)
- pediatric cuff (1)

Length-weight based tape or appropriate reference material for pediatric equipment sizing and drug dosing based on estimated or known weight (1)

Access to pediatric patient care protocols Availability of necessary age/size appropriate restraint systems for all passengers and patients transported in ground ambulances.

• *For children, this should be according to the National Highway Traffic Administration's document: Safe Transport of Children in Emergency Ground Ambulance.*

<http://www.nhtsa.gov/staticfiles/nti/pdf/811677.pdf>

ALS List

(Includes items on BLS list plus 34 or 35 additional unique items depending on end tidal CO2 capability and with 2 ET tubes of same size counted as 1 item)

Airways

Uncuffed and/or Cuffed endotracheal tubes (2 each) (10)

- 2.5
- 3.0
- 3.5
- 4.0
- 4.5
- 5.0
- 5.5
- 6.0
- 7.0
- 8.0

Laryngoscope blades

Straight blade in sizes (4)

- 0
- 1
- 2
- 3 or 4

Curved blade in sizes (2)

- 2
- 3 or 4

Stylettes for Endotracheal Tubes

- Adult size (1)
- Pediatric size (1)

Meconium aspirator adaptor (1)

Magill forceps

- Adult size (1)
- Pediatric size (1)

End-tidal CO₂ detection capability, either:

- quantitative capnometry (1) or
- colorimetric in sizes adult and pediatric (2)

Vascular access

Intravenous catheters sized 24-14 ga

- Range of 4 sizes with at least one smaller than 20 ga. (4)

intraosseous needles (2)

- Adult size
- Child size Assorted syringes – At least 2 sizes including 1cc

Cardiac

Defibrillator with the appropriate paddles and/or pads to defibrillate children and adult's

Transcutaneous cardiac pacemaker with adult and pediatric pads/cables (may be integrated with monitor/defibrillator)

Optional but Recommended

BLS Units

Airway

Rescue airway device, such as, but not limited to (as approved by local medical direction):

- the ETDLA (esophageal–tracheal double-lumen airway)
- laryngeal tube
- disposable supraglottic airway
- or laryngeal mask airway

Trauma

Infant cervical immobilization device

Pediatric backboard and extremity splints

Lower extremity (femur) traction device

- adult size (1)
- child size (1)

Miscellaneous

Neonatal blood pressure cuff

Infant blood pressure cuff

Pediatric stethoscope

ALS Units

(includes items on BLS optional list and the items listed below)

Airway

Pediatric capable ventilator

Size 1 curved laryngoscope blade

Pediatric bougie

CPAP/BiPAP capability

Miscellaneous

Nasogastric tubes

- Pediatric feeding tube sized 5F and 8F
- Sump Tube Sizes 8F -16F

Atomizers for administration of intranasal medications