

MOUNTAIN STATES PEDIATRIC DISASTER COALITION



JUNE 2016

Final Report



The Mountain States Pediatric Disaster Coalition is a multi-state network established to coordinate regional pediatric surge capacity and ensure effective use of critical resources in the event of a large-scale disaster affecting children in MT, WY, ID, UT, & CO. This report summarizes our projects, accomplishments, funding, and expenditures for FY2015-2016, as well as a sustainment plan for the future.

MOUNTAIN STATES PEDIATRIC DISASTER COALITION

FINAL REPORT

SUMMARY

Like many areas of the country, the Mountain States region (MT, WY, ID, UT, & CO) faces unique challenges including a large geographic area of both densely populated urban communities and expansive rural areas. The pediatric population throughout this region exceeds national averages and, with only three children's hospitals in these five states, baseline healthcare services for children are often limited and distant. This challenge is magnified by the ever-present threat of natural and man-made disasters where, should one occur, a surge of pediatric patients could quickly overwhelm local capability.

In 2014, at the National Healthcare Coalition Preparedness Conference, the Mountain States Pediatric Disaster Coalition (MSPDC) established a multi-state network of hospitals, health care providers, state health departments, Healthcare Preparedness Programs, EMS for Children programs, and community groups to coordinate regional pediatric surge capacity and ensure effective use of critical resources in the event of a large-scale disaster affecting children in the Mountain States region. In the two years since its inception, the MSPDC has expanded its membership, established an online repository of region-specific resources, and implemented a web-based solution to address the resource management needs of pediatric healthcare facilities.

By leveraging an existing resource management solution already utilized in three of five states, at a reduced cost we were able to customize a platform to pull already-available hospital data and compile pediatric-specific bed-tracking, status reporting, and situational awareness data into one place—accessible to all coalition partners. This allows coalition partners to view hospital demographics, contact information, bed status, subspecialty capability, and transport team availability of all regional pediatric facilities in near real-time. This framework enables the MSPDC, or any of its partners, to send out alerts to all pediatric facilities in the region during an incident and request immediate updates on needs and resources.

The successful implementation of a multi-state pediatric coalition and healthcare facility tracking platform—particularly in such a unique and vast region—has already demonstrated its worth, but may prove even more crucial in the event of a wide-spread disaster when pediatric resources are stretched thin.

ACCOMPLISHMENTS

The Mountain States Pediatric Disaster Coalition has completed two major projects this year. The projects included:

1. The implementation of a web-based solution by Intermedix (*EMResource*) designed to address the resource management needs for pediatric healthcare facilities in the Mountain States region.
2. The development of a coalition website (www.mspdc.org) as a centralized repository of region-specific information and resources.

A detailed project timeline is outlined below:

FEBRUARY 2016

- Initiated funding process with Idaho Healthcare Preparedness Program
- Applied for AAP grant for pediatric disaster coalitions
- Initiated vendor applications
- Invoice submitted and payment received from MT Healthcare Preparedness Program

MARCH 2016

- Reviewed and returned signed AAP funding contract
- Contracted formal vendor relationships with website developer (Andrew Ariotti) and Intermedix
- Defined a *pediatric healthcare facility* for inclusion in region-wide database
- Began identifying all *pediatric healthcare facilities* in the region
- Held coalition wide conference call to update all partners on project's progress
- Held introductory call with Intermedix to outline project plan
- Scheduled coalition-wide kick-off meeting/webinar with Intermedix
- Draft website outline provided to developer

APRIL 2016

- Held coalition-wide kick-off meeting with Intermedix
- All vendor agreements and contracts signed and on file
- Planning call held with website developer
- All participating pediatric healthcare facilities in each of the five states identified and demographic information (including hospital point of contacts) submitted to Intermedix as MSPDC "Resource List"
- Data elements/fields were reviewed, identified, and submitted to Intermedix
- Website template identified and purchased
- Website domain (www.mspdc.org) purchased for the next 5 years
- Draft website content and coalition logo submitted to website developer
- Additional project funding through Idaho HPP finalized
- Provided project summary and update on AAP conference call

MAY 2016

- Intermedix began configuring the region and building out the platform
- Website layout determined and website construction initiated
- Invoice received for website domain and template purchase, submitted for payment
- Additional project funding for contract year 2016-17 initiated with Idaho Healthcare Preparedness Program

- Agenda for coalition-wide update/conference call developed
- Invoice submitted to AAP
- Presentation abstract submitted to NHCP

JUNE 2016

- Intermedix finished configuring the region and building out the platform
- Conference call with Intermedix for product review and final approval
- On-site EMResource training scheduled with Intermedix for Utah hospitals (to be held in Salt Lake City) and Montana hospitals (to be held in Billings)
- Inter-state Shared Data Agreements signed by coalition member states
- All final content submitted for inclusion in coalition website
- Conference call with website developer for review and final approval
- Final invoice received from Intermedix, submitted for payment
- Final invoice received from website developer, submitted for payment
- Final invoice submitted to Idaho Healthcare Preparedness Program for payment
- Final Report drafted and submitted to grantors (Idaho HPP, MT HPP, & AAP)

FUTURE

- EMResource platform to go live once UT & MT hospital training completed—Summer 2016
- Website launch—Summer 2016
- Presentation of project at the National Healthcare Coalition Preparedness Conference (pending acceptance)—December 2016

FUNDING

The Mountain States Pediatric Disaster Coalition received funding from the following entities during FY2015 – 2016:

GRANTOR	AMOUNT	GRANT PERIOD
Idaho Healthcare Preparedness Program	\$10,000.00	05/12/2016 – 06/30/2016
American Academy of Pediatrics	\$4,000.00	02/01/2016 – 06/30/2016
Montana Healthcare Preparedness Program	\$3,000.00	01/21/2016 – 06/30/2016
Eastern Idaho Regional Medical Center*	N/A	N/A
TOTAL:	\$17,000.00	

**Eastern Idaho Regional Medical Center, a Healthcare Corporation of America facility, agreed to provide approximately 8 hours a month of administrative staffing to support coalition activities. In addition, they house the coalition headquarters, host the coalition email address, and serve as the fiduciary through which all coalition financial transactions are reviewed and processed.*

EXPENDITURES

The Mountain States Pediatric Disaster Coalition expenditures for FY2015 – 2016 are detailed below:

EXPENDITURE	VENDOR	AMOUNT
EMResource Communications & Resource Management System SaaS-Maintenance and Support. Includes up to twelve (12) additional EMResource single facility licenses for use by the Mountain States Pediatric Disaster Coalition. Strategic marketing discount applies.	Intermedix	\$5,000.00
EMResource Implementation. Includes web-based kickoff meeting, all project management services and one day of on-site training (includes all travel and expenses)	Intermedix	\$6,500.00
EMResource On-Site Administrator Training (includes training session for up to 10 students) - Montana	Intermedix	\$2,000.00
EMResource On-Site Administrator Training (includes training session for up to 10 students) – Utah	Intermedix	\$2,000.00
Coalition website domain purchase, site design, content development, and deployment	Andrew Ariotti	\$1,500.00
	TOTAL:	\$17,000.00

EXPENDITURE BREAKDOWN BY FUNDING SOURCE

FUNDING SOURCE	EXPENDITURE	AMOUNT
Idaho Healthcare Preparedness Program	EMResource platform implementation	\$2,500.00
	EMResource maintenance (1 st year)	\$5,000.00
	EMResource on-site training	\$2,000.00
	Website design & development	\$500.00
	TOTAL:	\$10,000.00
American Academy of Pediatrics	EMResource platform implementation	\$4,000.00
	TOTAL:	\$4,000.00

Montana Healthcare Preparedness Program	EMResource on-site training	\$2,000.00
	Website design & development	\$1,000.00
	TOTAL:	\$3,000.00
Eastern Idaho Regional Medical Center	Administrative support	N/A
	Email hosting	N/A
	TOTAL:	N/A

SUSTAINMENT PLAN

By the end of the summer, the Coalition’s EMResource platform and website will be fully deployed. Thereafter, coalition partners will work to improve and refine these resource management tools and expand their use in the region’s pediatric healthcare facilities. In addition, the Coalition will seek opportunities to share its experience and lessons learned with other pediatric coalitions around the country. As future funding is sought and secured, the Coalition’s Executive Committee will pursue additional projects in support of their mission to improve regional pediatric surge capacity and ensure effective use of critical resources in the event of a large-scale disaster affecting children in the Mountain States region.

PROJECTED FUNDING NEEDS

In order to continue current Coalition activities and support future expansion, additional grant funding is necessary. It is anticipated that, as the Coalition’s purpose and value are demonstrated, key partners in the Mountain States region will step forward and continue to provide this crucial financial support. Potential funding sources include state Healthcare Preparedness Programs, Emergency Medical Services for Children programs, American Academy of Pediatrics grants, Centers for Disease Control and Prevention grants, pediatric healthcare facilities, and private entities.

The Coalition will incur no debt and no project or contract will be initiated until full funding is secured. In the event that funding is inadequate to sustain basic maintenance of Coalition activities, contracts will not be renewed and the all funding-dependent activities will be terminated.

FY	EXPENSE	ESTIMATE
2016 – 2017	EMResource Annual Maintenance & Support	\$5,000.00
	Website maintenance	\$1,000.00
	Administrative support/travel	\$5,000.00
	Pediatric Disaster Education & Coalition Expansion	\$4,000.00
	TOTAL:	\$15,000.00

2017 – 2018	EMResource Annual Maintenance & Support	\$7,000.00
	Website maintenance	\$2,000.00
	Administrative support/travel	\$5,000.00
	Pediatric Disaster Education & Outreach	\$6,000.00
	TOTAL:	\$20,000.00
2018 – 2019	EMResource Annual Maintenance & Support	\$10,000.00
	Website maintenance	\$2,000.00
	Administrative support/travel	\$5,000.00
	Regional Pediatric Preparedness Conference	\$8,000.00
	TOTAL:	\$25,000.00
2019 – 2020	EMResource Annual Maintenance & Support	\$10,000.00
	Website maintenance	\$2,000.00
	Administrative support/travel	\$5,000.00
	Regional Pediatric Disaster Exercise	\$8,000.00
	TOTAL:	\$25,000.00

NEVER DOUBT THAT A SMALL GROUP
OF THOUGHTFUL, COMMITTED PEOPLE
CAN CHANGE THE WORLD; INDEED,
IT'S THE ONLY THING THAT EVER HAS.