

EMS for Children: Improving the lives of all Children

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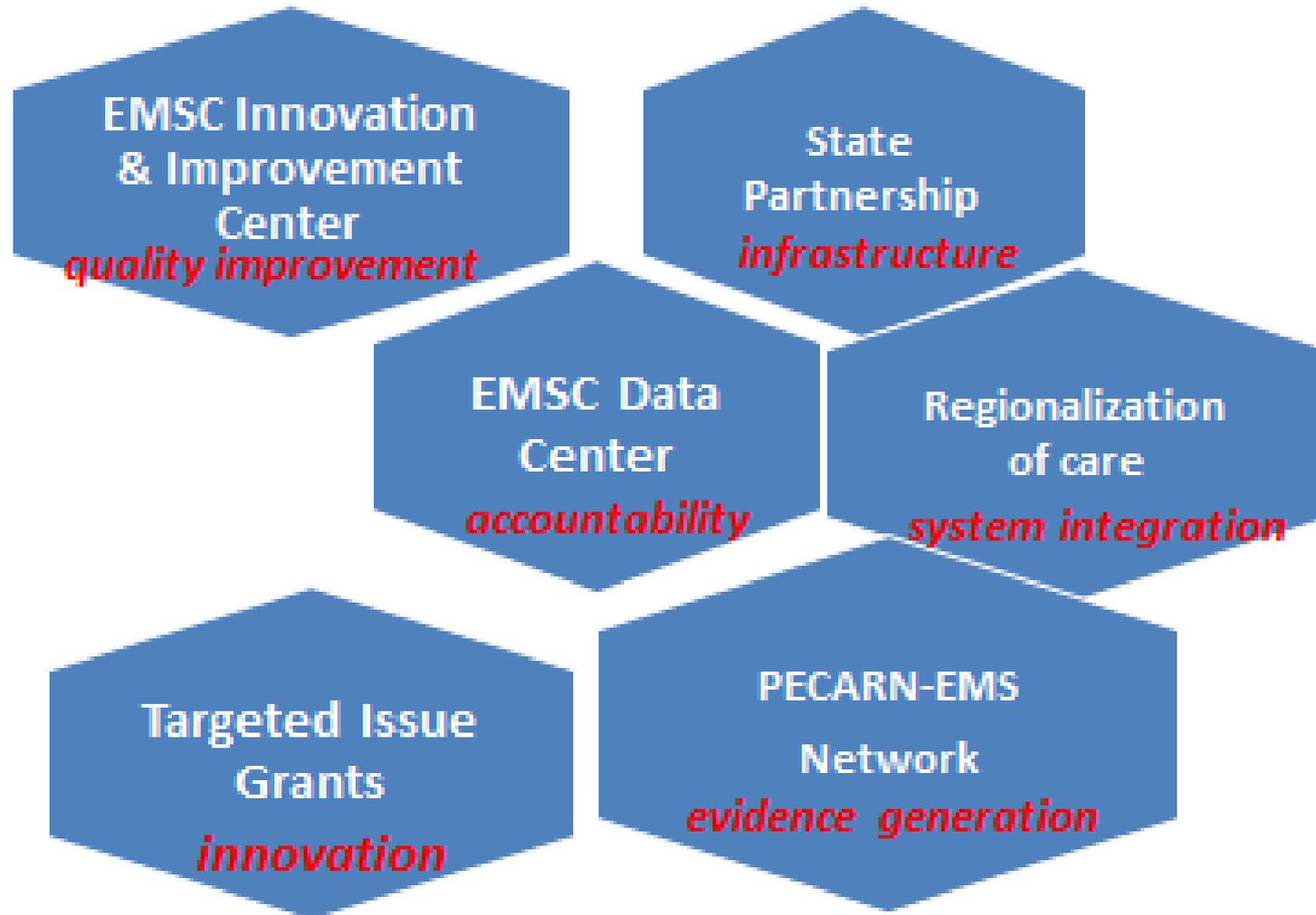
Health Resources and Services Administration

Department of Health and Human Services

Emergency Medical Services for Children



Emergency Medical Services for Children (EMSC)



Indian Health Pediatric Readiness

PEDIATRIC READINESS IN INDIAN HEALTH SERVICE AND TRIBAL EMERGENCY DEPARTMENTS: RESULTS FROM THE NATIONAL PEDIATRIC READINESS PROJECT

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EMS for Children

- State Partnership Managers (58)

- National Resource Center
 - www.emscnrc.org
- EMSC Data Center (NEDARC)
 - www.nedarc.org
- Pediatricreadiness.org
- Pedsready.org



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Building a Virtual Pediatric Emergency Department The Pilot in Zuni

Norman Cooyate, BA (Native Am Studies)

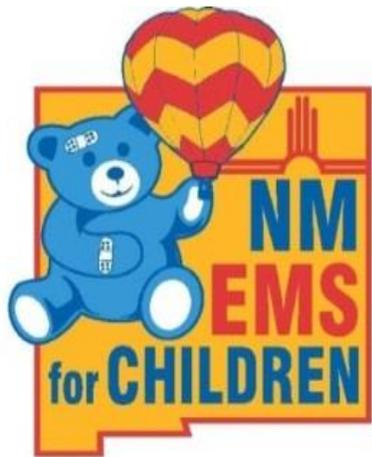
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- ***State Partnership Regionalization of Pediatric Emergency Care Grant-MCH HRSA***
- ***EMS for Children State Partnership Grant-MCH HRSA***
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DEPARTMENT of EMERGENCY MEDICINE
DIVISION of PEDIATRIC EMERGENCY MEDICINE

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*Engaging Communities to Prepare
for Pediatric Emergencies*



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Center for
Native American Health
Fostering Partnerships Between Tribal Communities
in New Mexico and the UNM School of Medicine



NM Emergency Medical
Services for Children

Mission Statement

The mission of the Child-Ready Program is to reduce pediatric morbidity and mortality by partnering with communities, facilities, and health care providers to ensure that they have the resources and capabilities to provide effective, culturally-appropriate care for ill and injured children, and by developing prevention strategies with each community.

Make a Difference in the Lives
of New Mexico's Children...

Become a Member of the
Child Ready Program

Today

NEWS AND INFORMATION



CR Program Overview
The UNM Division of Pediatric Emergency Medicine and the UNM CNAH, were recently awarded a four-year grant...

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New Module
Available Now, a new online education module titled, "Safe Transport of Children in EMS Vehicles Part 1".....

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National PRP
A national collaborative effort to assess EDs available resources for the care of children...

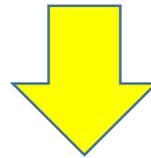
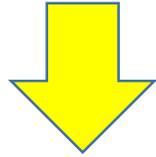
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Prepare for the *ordinary* to be prepared for the *extraordinary*



Helping prepare the community for the ill or injured child from scene to system

Community Participation in Regionalization

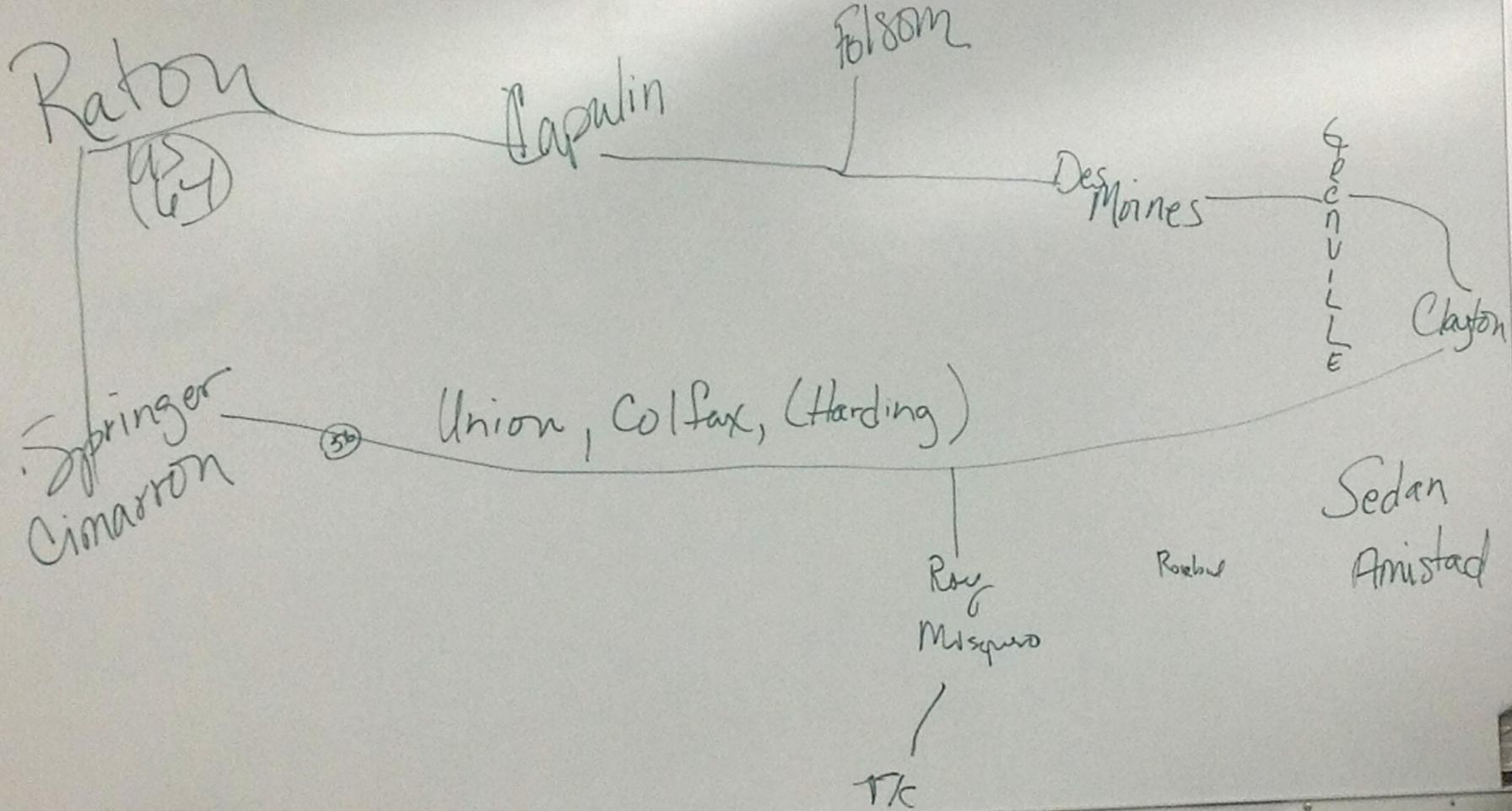
- **Key Players**
 - Families
 - Community Leaders
 - Community Health Representatives
 - School Nurses
 - Emergency Managers
 - Hospitals/EMS/Clinics
- **Stakeholder's Group Format**
 - **Informal: gather opinions, beliefs, and attitudes about CR issues through open discussion; builds momentum; Opportunity for education.**
- **Identify Participants**
- **Scheduling**



Community Meeting



DMEMS911



Spoke and Hub Model

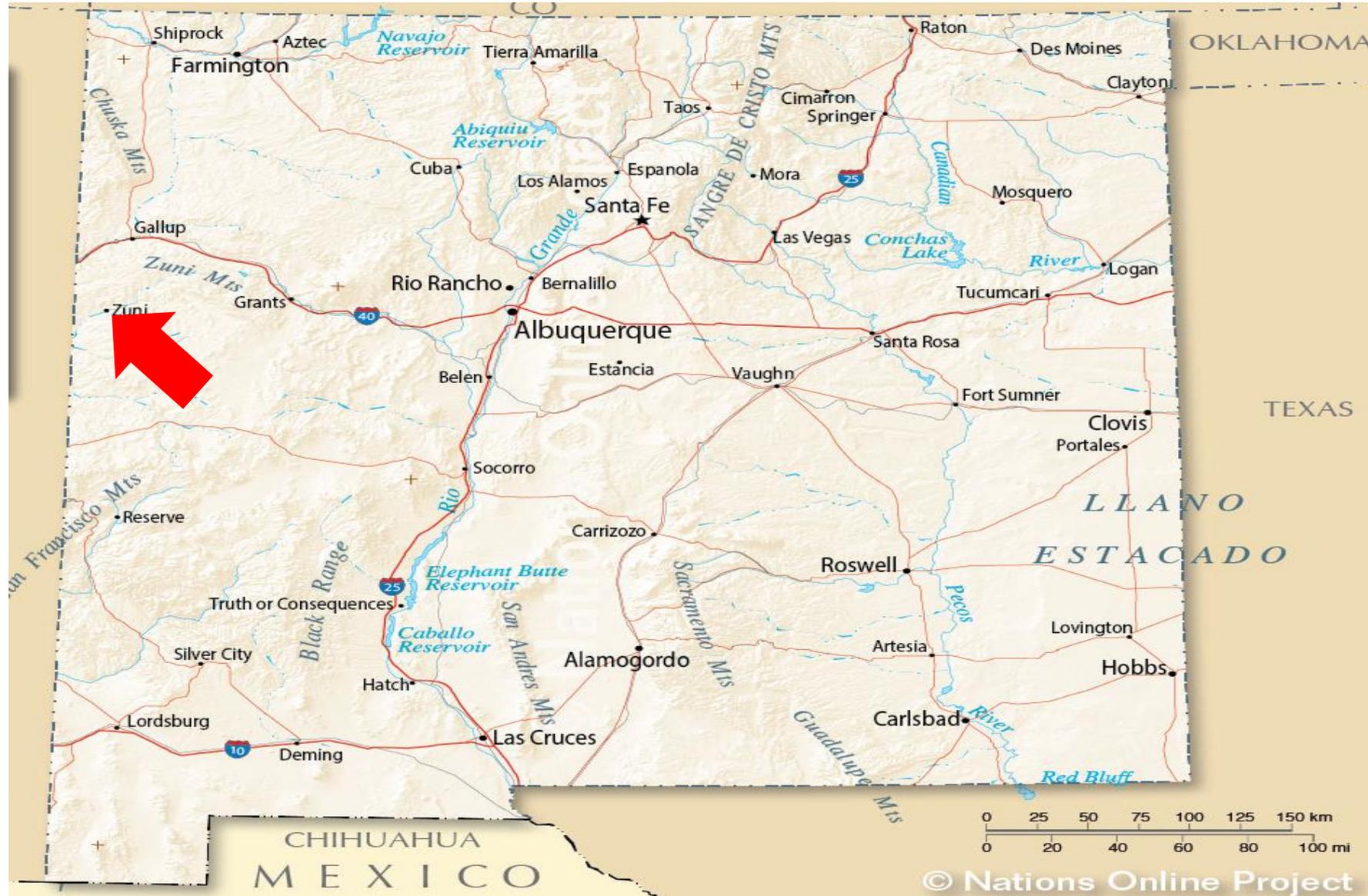




Child Ready Model



Zuni Region



Zuni Demographics



TOTAL ENROLLMENT			
9,432			
*Other Indians	+	152	= 9,584
<small>* Number derived from the Labor Force Report, 2009</small>			
**Zuni Indians not enrolled yet	+	676	= 10,260
<small>**Number derived from the Monthly Santa Fe Birth Listings</small>			
Non-Indians	+	320	= 10,580
<small>(Total from 2010 U.S. Census Bureau)</small>			
White		72	
Hispanic/Latino		164	
African American		6	
Asian		16	
Native American/Pacific Islander		1	
Other		61	
Grand Total: Zuni Population	=	10,580	

Zuni Reservation: 463,278.18 acres
 Includes all trust land 723.87 square miles
 on Arizona and New Mexico Lands

Source: Zuni Census Office-June 2016

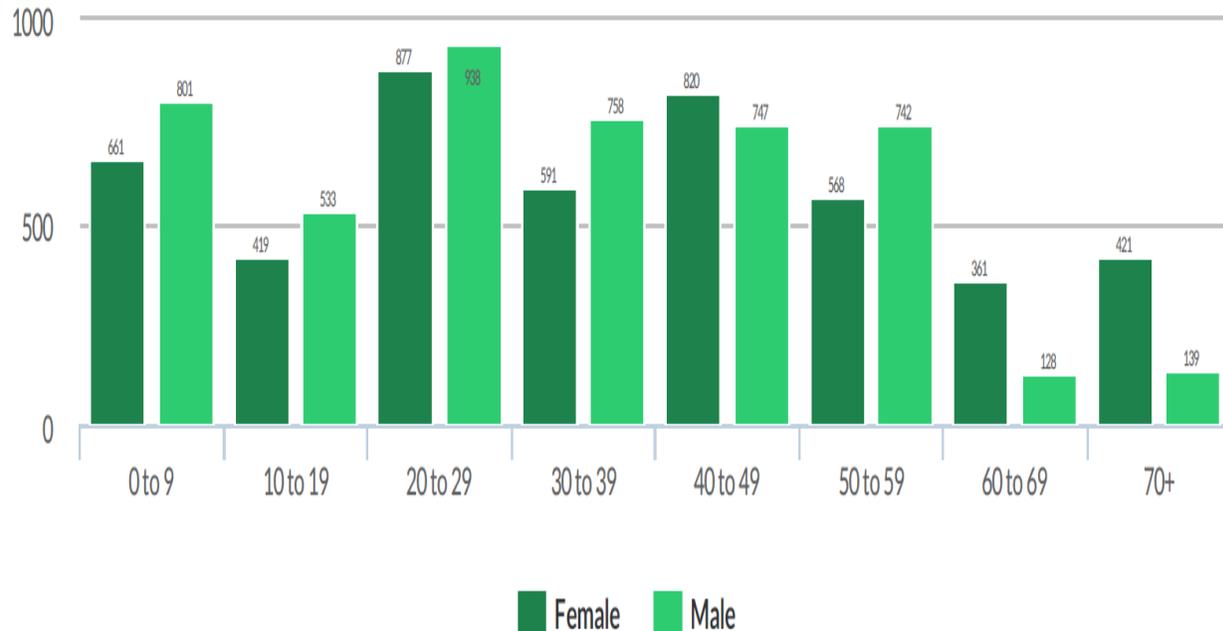
2014 POPULATION

9,504

MEDIAN HOUSEHOLD INCOME

\$34,479

SEX BY AGE



Zuni IHS Facility



The Zuni Indian Hospital is an Emergency Room/Urgent Care and Inpatient Services open 24 hours, 7 days per week, with 12 physicians.

- 28 medical/surgical and pediatric beds and 8 obstetrical beds
- Full outpatient diagnostic and treatment, includes 2 ER beds
- Dental, optometry, pharmacy, laboratory services, and radiology are some of the other services provided, along with specialty and preventative care services
- Annual SU user population: FY 2015 - **11,261**, with additional locations user pop at **3,925**
- March 2015-2016, **2650** of **0-20** y.o. were seen as ER/urgent, resulting in **5000** visits
- Average 15-20 flights/year, with about a third being 0-20 y.o.

Process for Zuni



- **IHS hosted 3 meetings of facility personnel, community members and tribal council members**
- **Initiated paperwork**
- **Delivered unit (Polycom and Vidyo format) with simulation training**
- **Medical leadership change**
- **Exchanged unit with all-in-one unit NetMEDX**
- **Trained again**
- **Started consults**

Some of the many contributions of Zuni

- **PSA (from Zuni to ABQ Area)**
- **Telehealth Privileges template**
- **Encouraged Credentialing by proxy with ABQ Area**
- **Designated a local physician Coordinator (Dr. Kurkland)**



Zuni- Community Response

- Three consults so far
- All remained in community
- Patient miles saved = 900 miles so far
- “Thank you for choosing us as the site to implement. We hope to keep on adding other specialty areas to meet the needs of our community patients.” *Jean Othole, ZSU CEO*
- “It’s so much fun to make these opportunities happen in Zuni.” *Thomas Faber, MD, ZSU CMO*

What is a Virtual Pediatric ED?

- **TELEMEDICINE**
- **Creating a culture of “on-shift” together**
- **Consultation and co-managing *in situ* of acute ill or injured children with rural, general EDs (for low to high acuity)**
- **Access to Pediatric Emergency specialists**
- **Access to Child abuse and behavioral health experts**

What is a Virtual Pediatric ED?

- **TELEHEALTH**
- **Access to Pediatric Emergency Nurses for nurse-to-nurse consult**
- **Educational opportunities: challenging case discussion, QA/QI, ED clinical rounds, mock codes with simulation**

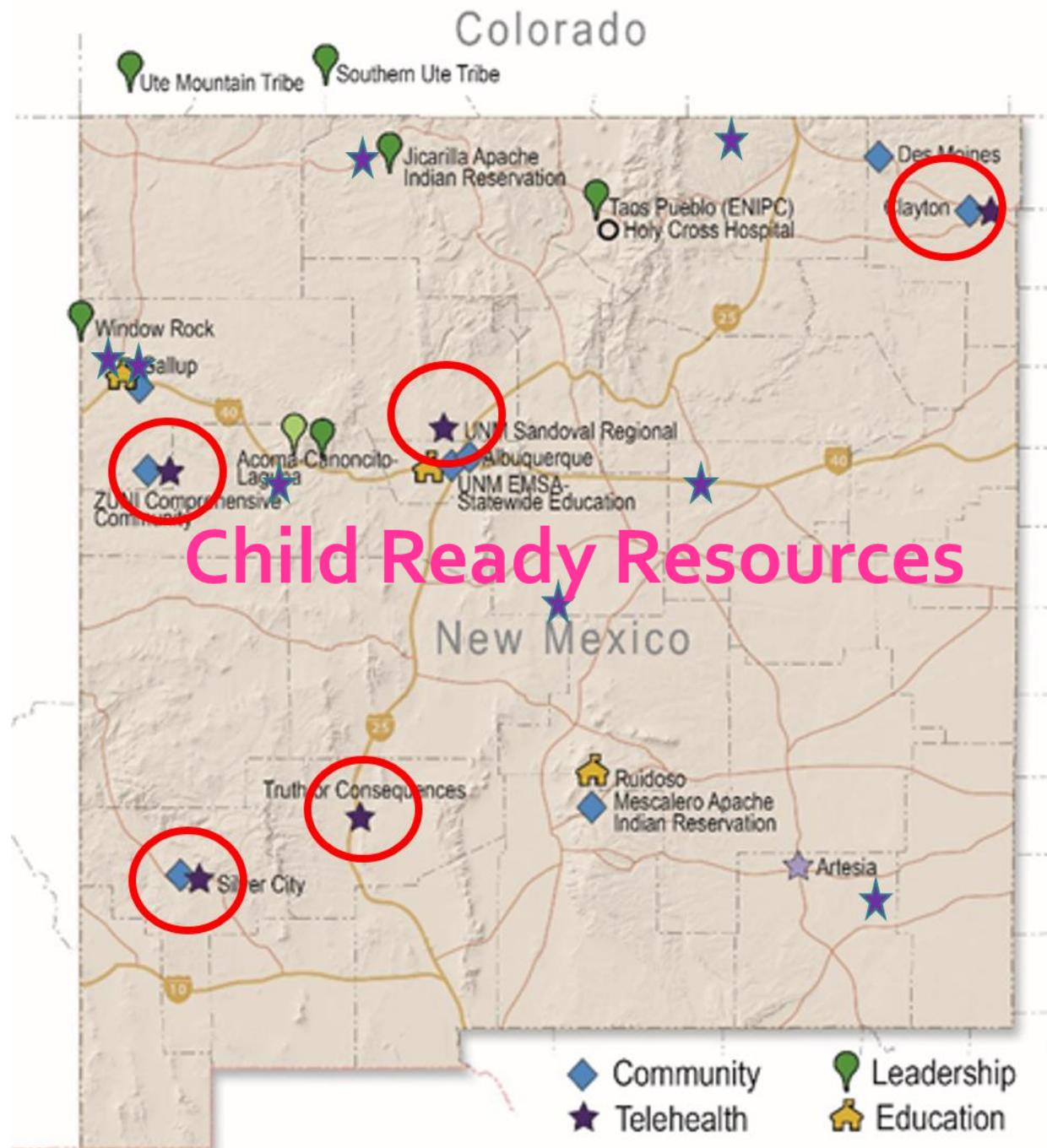
Education

- Informal

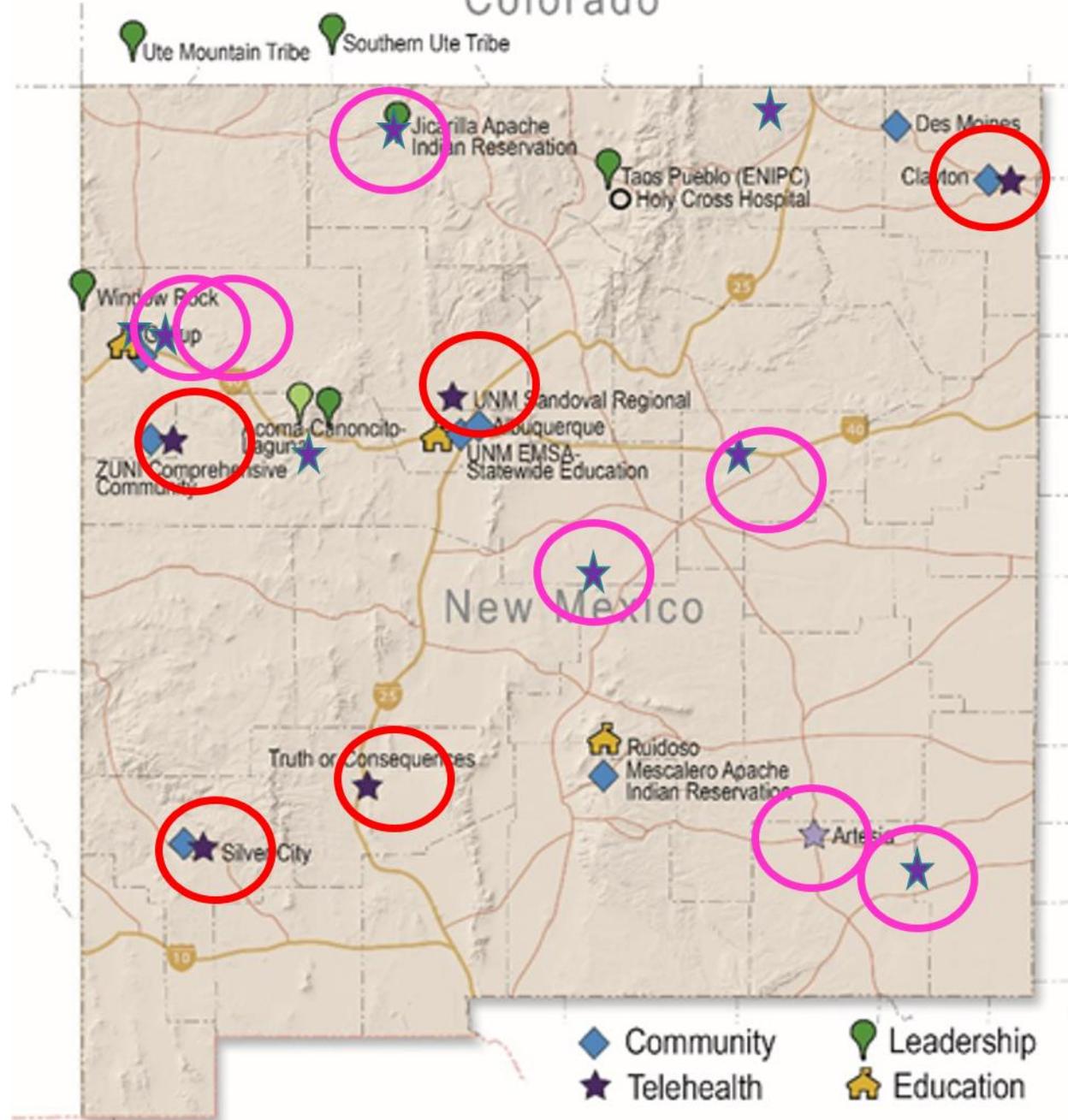
- Pt based questions
- In the moment
- Follow up
- Case discussion

- Formal

- Structured
- Specialized areas
- Recognition
- Skills



Colorado



Partnering with IHS Pilots in AZ, OK, WY, CO

