## **ATSDR Supporting Communities**



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# A Tribal Partner's Perspective



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## **ATSDR Supporting Communities**



USA

Supporting communities with information to increase their understanding of uranium issues on the Navajo Nation



NAVAJO NATION

Capital: Window Rock, AZ



## Background

- History of uranium mining and processing
- Federal Actions to Address
   Uranium Contamination
   ("Five Year Plan")
- ATSDR's role
  - Navajo Birth Cohort Study (NBCS)
  - Community Health Education

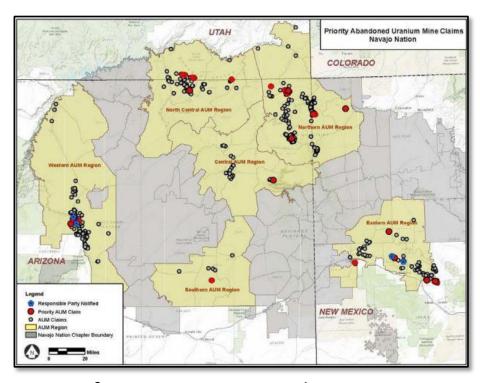


Image from 2014 Five Year Plan





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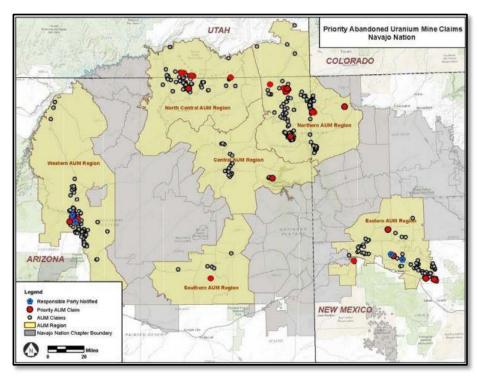


Image from 2014 Five Year Plan





#### Need

- Navajo community members want to understand
  - Where the mines are located
  - If and how uranium can affect their health
  - What they can do to protect their families and themselves

Community meeting, Navajo Nation. Photo courtesy A. Pease, US EPA (upper image). Charles Huskon No. 3 Mine, Western AUM Region. Photo courtesy of Amanda Pease, US EPA (lower image).









### **Education Materials**

- Posters
  - 10 versions of the poster, each customized to a geographic area
  - Title matches geographic area
  - Other sections same
- 4 Fact sheets



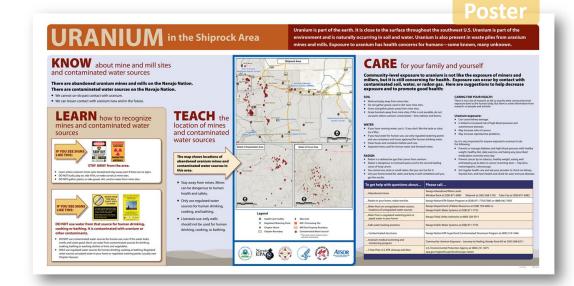
















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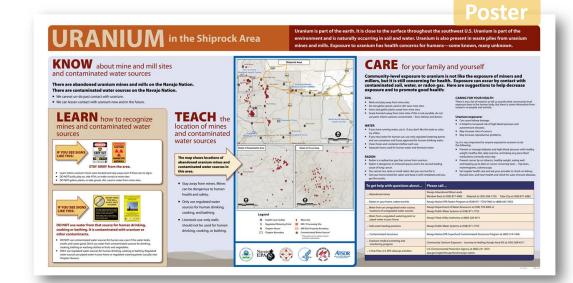
























## **How to Conduct Public Education?**



Photo of a presentation at a Chapter House meeting. →

Photo courtesy Amanda Pease, US EPA.





# Community Health Representative (CHR) and Outreach Program

- Program of the Navajo Nation Department of Health
- Serve 110 Chapters with 90 CHRs
- CHR, TB Control, Social Hygiene, and Navajo Birth Cohort programs
- Certified nurse assistant
   & public health certified

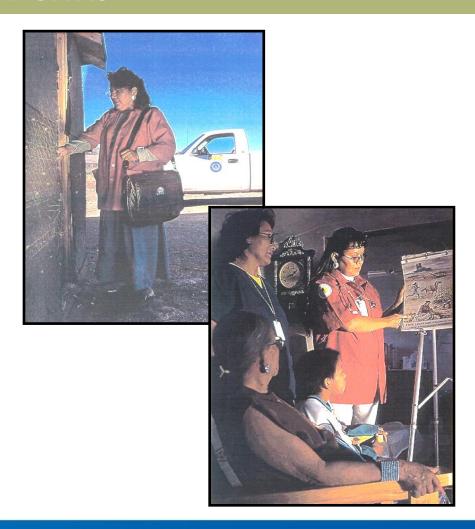






### **Roles of CHRs**

- Provide individual and group health education
- Assist community schools with health screening
- Coordinate community health fairs
- Provide referrals
- Conduct joint home visits with health care providers
- Find cases
- Provide personal health care and homemaker services
- Emergency transport and first response







## Dissemination of Materials by CHR Program

## **Successes:**

- 91 posters presented
- Paired presentations
- Interest
- Questions

## **Challenges:**

- Time limitation
- Chapter requirements
- Chapter agenda
- Posters being removed





## **Next Steps**

- "Refresher" training course with CHRs completed in December 2015
- Development of "uranium 101" training course for community members
- New Community Outreach Liaison organizing a Community Outreach Network of Five Year Plan partners





#### **Links and Contact Info**

- ATSDR Navajo Birth Cohort Study
  - http://www.atsdr.cdc.gov/sites/navajo birth cohort study/index.html
- Navajo Nation Department of Health Navajo Birth Cohort Study Pages
  - http://nbcs.healthyvoices.org/
- Federal Actions to Address Impacts of Uranium Contamination on the Navajo Nation - 2014 (the "Five Year Plan")
  - http://www3.epa.gov/region9/superfund/navajo-nation/pdf/nn-five-year-plan-2014.pdf
- US EPA Addressing Uranium Contamination on the Navajo Nation
  - http://www3.epa.gov/region9/superfund/navajo-nation/index.html

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#### **Conclusions**

## ATSDR works effectively with tribal communities

- Engaging tribes to understand their concerns and needs
- Providing technical and educational support to help tribes understand if a health impact is associated with chemical contamination in the environment
- Making recommendations to protect the health of the tribe



