

**Chinle Service Unit  
Navajo Area  
Indian Health Service**



Chinle Hospital



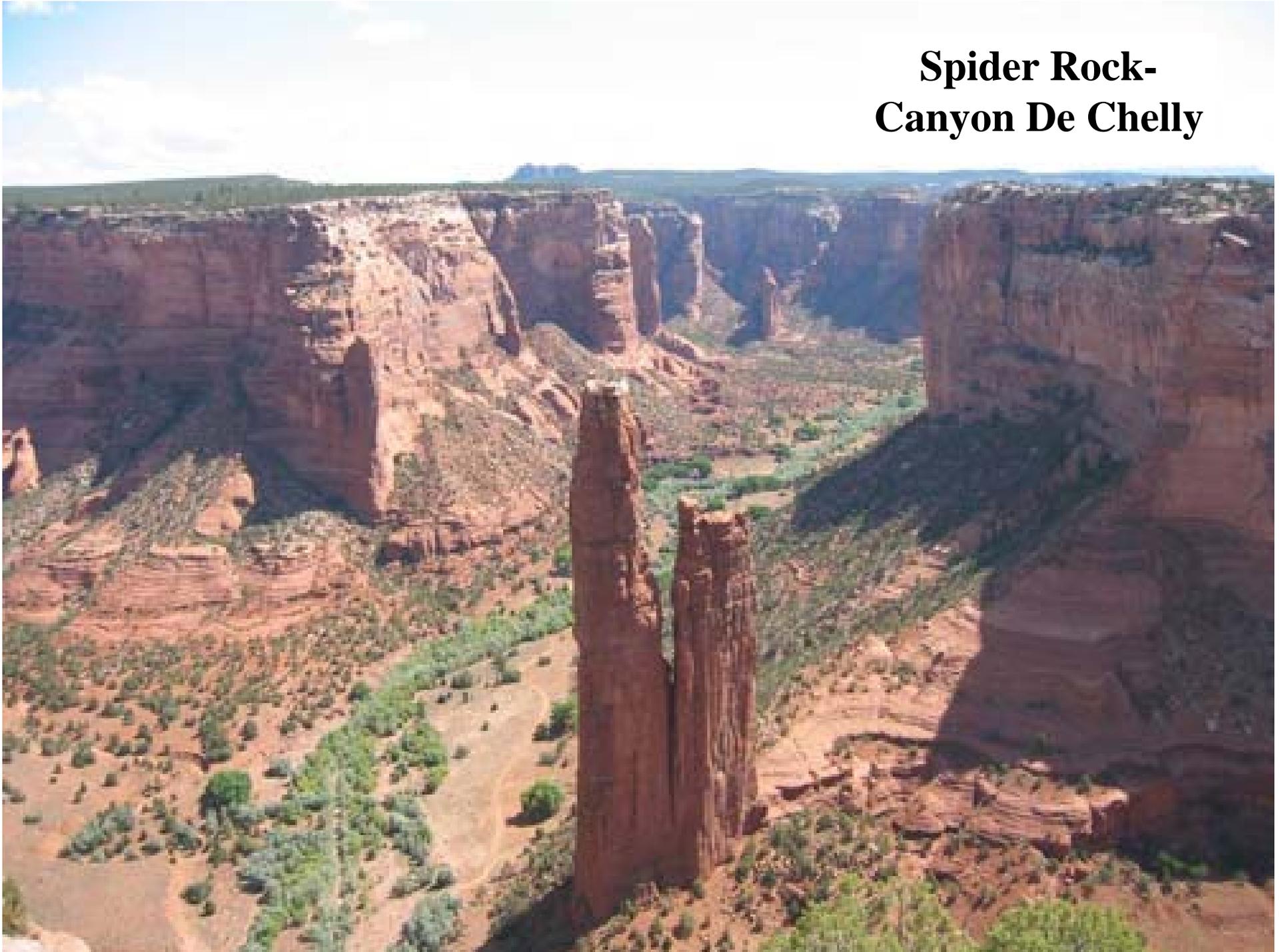
Tsaile Health Center



Pinon Health Center



**Spider Rock-  
Canyon De Chelly**





# The Navajo Reservation

25,000 square miles in size

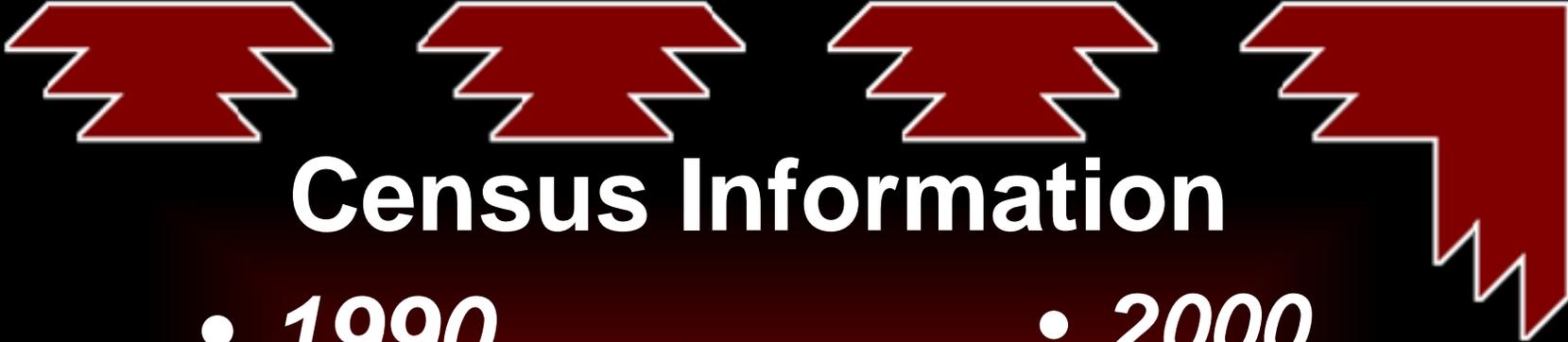




# The Navajo Nation

- Second largest federally recognized tribe in the United States (Cherokee being first)
- Approximately 298,000 members nationwide
- 168,000 members reside on the reservation
- Half of the population is under age 25
  - Growth rate is nearly 4x that of the U.S.





# Census Information

## • 1990

- 50% without running water/electricity
- Less than 20% have a telephone
- 40% speak English less than “very well”

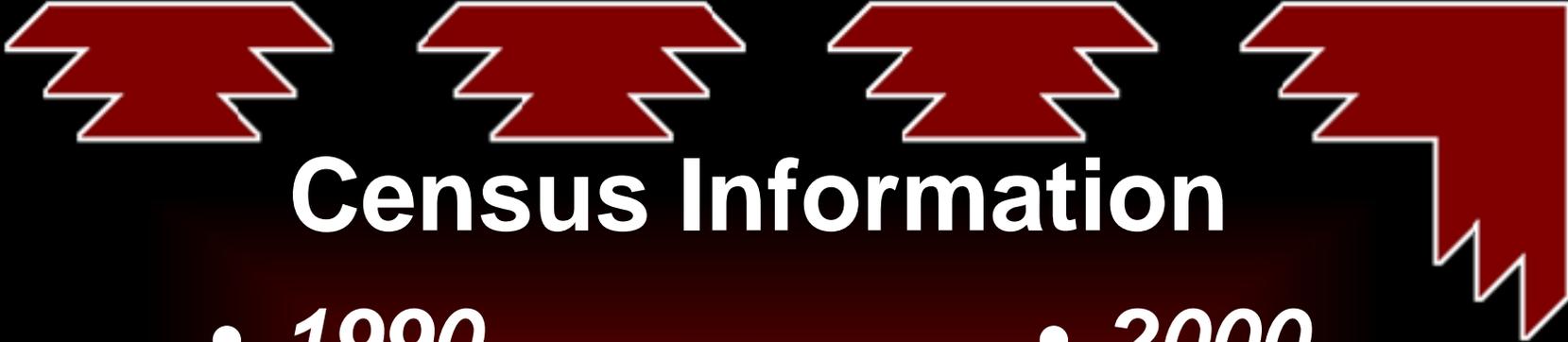
## • 2000

- 70% with access to clean running water.
- 40% of homes now with telephone access
  - *Greater number if cell phones included*
- 25% speak English less than “very well”



# **Canyon De Chelly National Monument**





# Census Information

## • 1990

- 55% of population below Federal Poverty Line.
  - Unemployment rate of 30%
- 40% over the age of 25 have a high school degree

## • 2000

- 40% of population below Federal Poverty Line.
    - Unemployment rate of 25%
  - 56% over the age of 25 have a high school degree
- 





# 2000 Census Information

## Navajo

- Median Age 24
- Annual Per Capita Income  
\$7,269
- Persons Living Below  
Poverty Level: 42.9%
- Unemployment Rate:  
25.1%
- Persons with HS Diploma  
> 25 years old: 55.9%

## US

- Median Age 35
- Annual Per Capita Income  
\$21,587
- Persons Living Below  
Poverty Level: 12.4%
- Unemployment Rate:  
5.8%
- Persons with HS Diploma  
> 25 years old: 80.4%





# 2000 Census Information

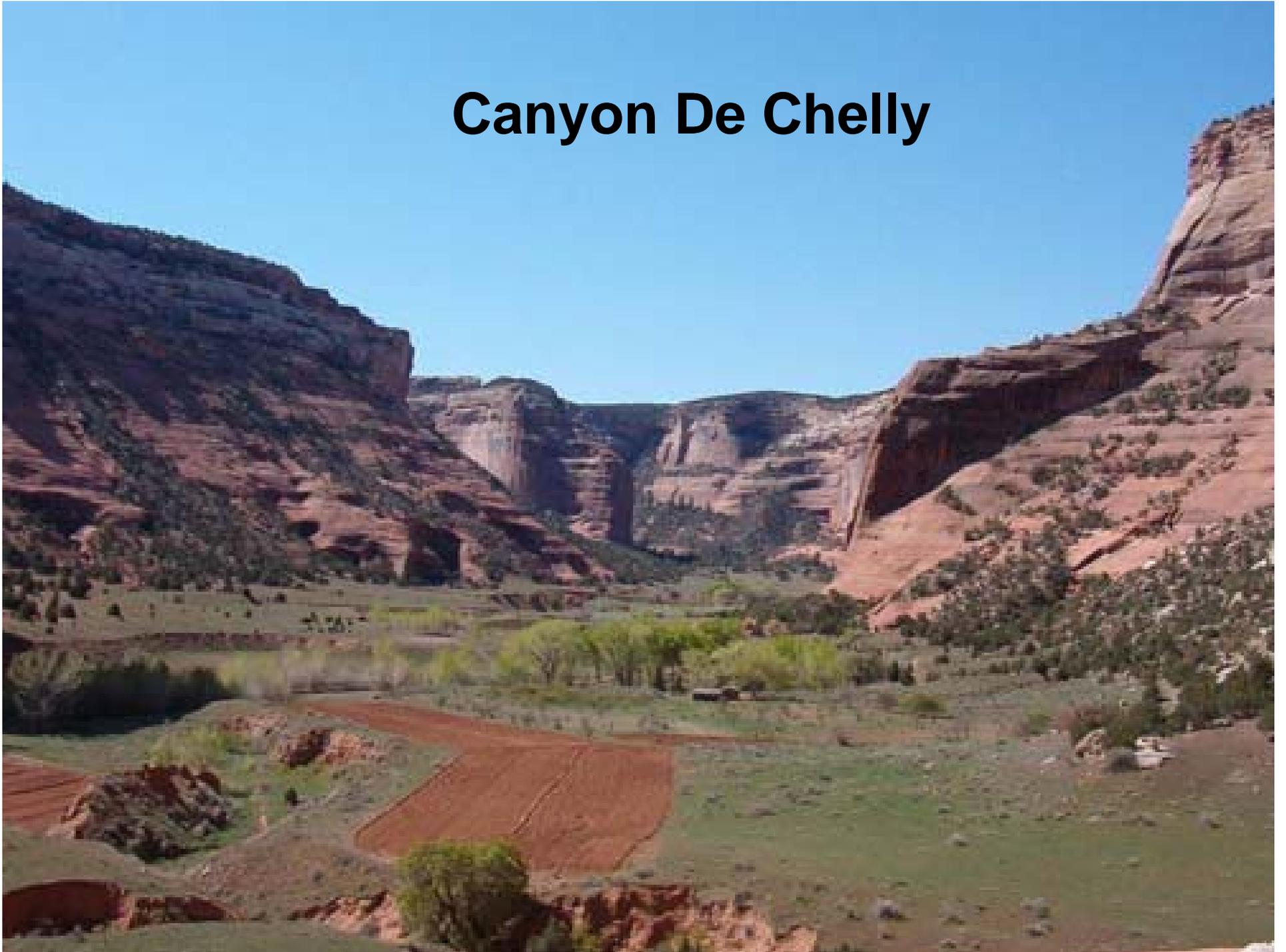
## Navajo

## US

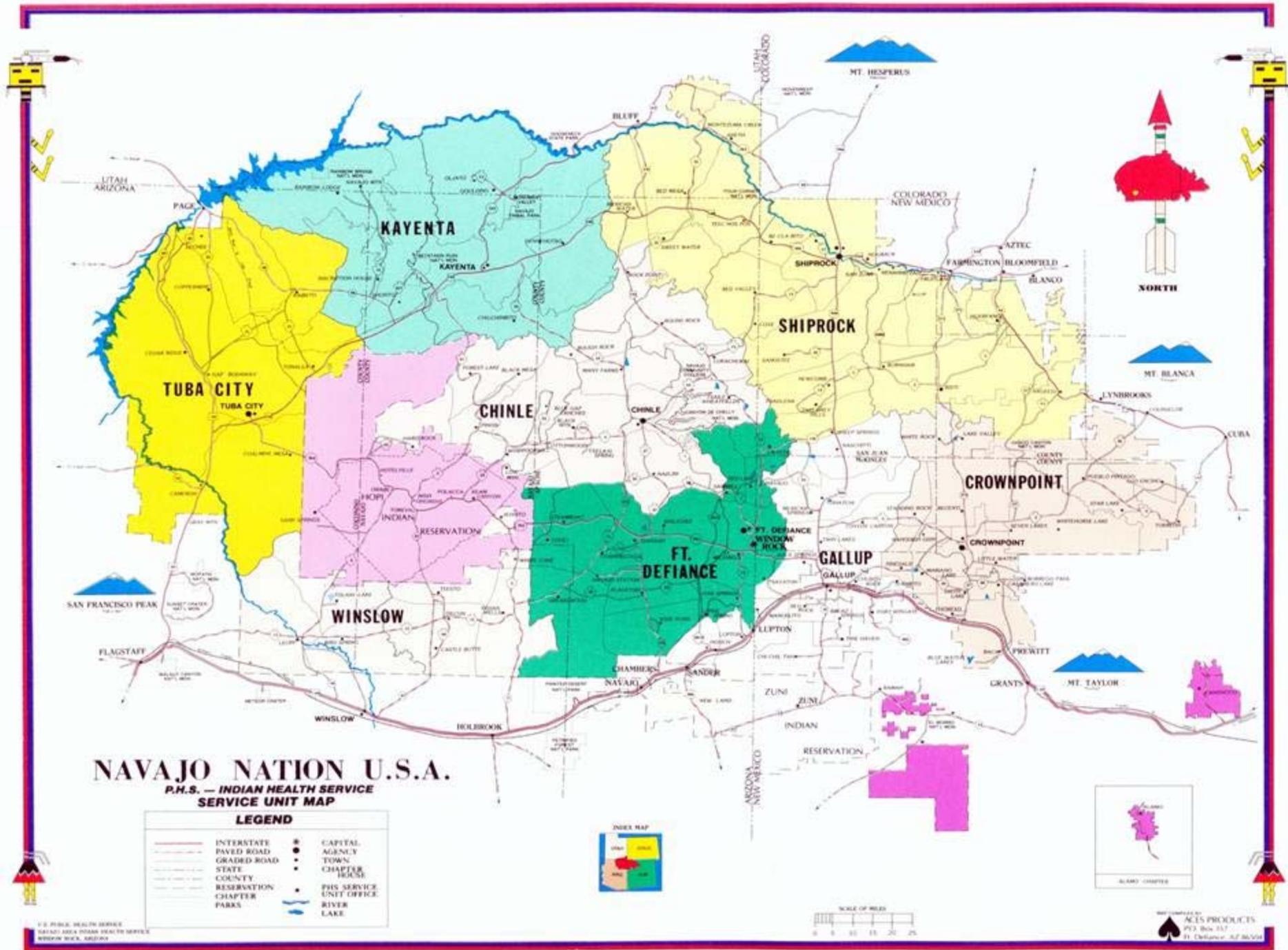
- Language spoken at home other than English: 93.2%
- Housing lacking plumbing: 31.9%
- Housing lacking phone: 60.1%
- % Using Wood for Heat: 54.3%

- Language spoken at home other than English: 17.9%
  - Housing lacking plumbing: 0.6%
  - Housing lacking phone: 2.4%
  - % Using Wood for Heat: 1.7%
- 

# Canyon De Chelly







**NAVAJO NATION U.S.A.**  
**P.H.S. — INDIAN HEALTH SERVICE**  
**SERVICE UNIT MAP**

**LEGEND**

	INTERSTATE		CAPITAL
	PAVED ROAD		AGENCY
	GRADED ROAD		TOWN
	STATE		CHAPTER
	COUNTY		HOUSE
	RESERVATION		P.H.S. SERVICE UNIT OFFICE
	CHAPTER		RIVER
	PARKS		LAKE



U.S. PUBLIC HEALTH SERVICE  
 NAVAJO AREA INDIAN HEALTH SERVICE  
 P.O. BOX 10000  
 TUBA CITY, ARIZONA

MAP COMPILED BY  
 ACES PRODUCTS  
 P.O. Box 117  
 Ft. Chaffee, AZ 86001



# Chinle Service Unit

- Centrally located on the Navajo Reservation
  - Northeast Arizona
  - Canyon De Chelly
- Indian Health Service site since 1955
  - Chinle Comprehensive Health Care Facility dedicated in 1982
- Serves roughly 34,000 patients
- 716 Full Time Employees
- Many patients travel 100 miles round trip to clinic



# Chinle Hospital Entrance





## Chinle Service Unit

- Chinle Comprehensive Health Care Center
- Tsaile Health Center
- Pinon Health Center
- Adolescent Clinics





## Chinle Comprehensive Health Care Facility

- Full Service Community Hospital
- 60 beds
  - 12 bed Pediatric Care Unit
  - Nursery
  - 24 bed Adult Care Unit
  - 4 bed Special Care Unit (Adult)
  - 16 bed Obstetrics Care Unit
- ED – 25,000 visits per year / staffed 24hrs / 9 beds
- Admitting facility for several area clinics





## Chinle Comprehensive Health Care Facility

- 2005 Statistics
  - 179,407 Outpatient Visits
  - 124,285 Primary Care Visits
  - 14.5 Physicians Per 10,000 census population
  - 2,795 Adult / Pediatric Discharges
  - 4 592 Newborn Discharges



# **Chinle Hospital ER Entrance**





# Internal Medicine and Family Practice

- Outpatient
  - Adult and Family Practice Clinics
  - Mixture of acute and continuity care
- Inpatient Hospitalist
  - One week every 1-2 months
  - 2 Adult providers on service each week
- Call
  - One night per week
  - One weekend per month





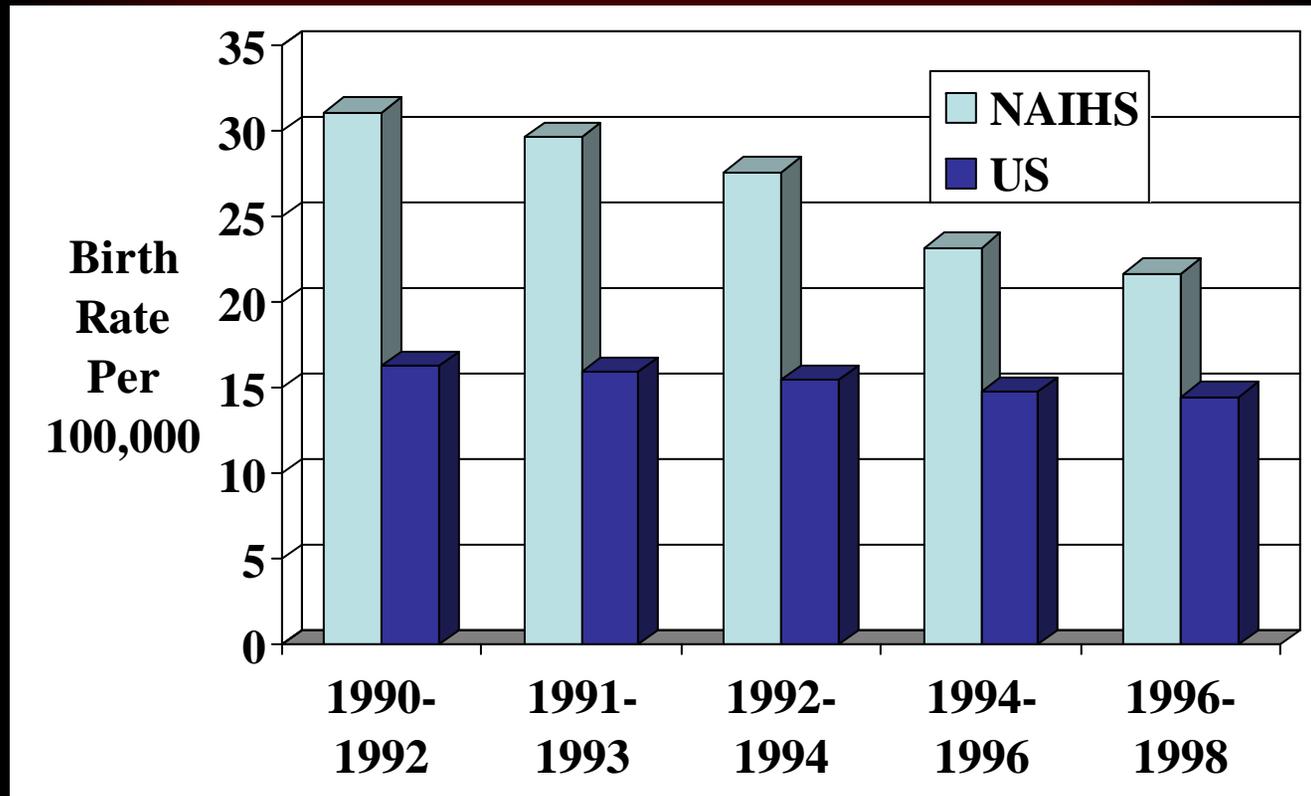
# Family Practice



- Full Spectrum Practice
- Family Practice Clinic
  - Adult
  - Pediatrics
- OB/GYN (not required)
- Labor and Delivery



# Our Population is Growing





# Specialty Services

- Exercise Treadmill Testing
  - Chest Clinic (Latent and Active TB)
  - Pacemaker Clinic, Fracture Clinic
  - Acupuncture Clinic
  - Clinical Services for the Extended Care Facility and the Home for Adults / Children with Exceptional Needs
- 



# Sub-Specialty Services

- Visiting MDs from Farmington, Gallup,
- Flagstaff, Phoenix, Tucson
  - Nephrology
  - Rheumatology
  - Cardiology
  - Neurology
  - Orthopedics
  - Pediatric Pulmonology, Genetics, Cardiology, Neurology



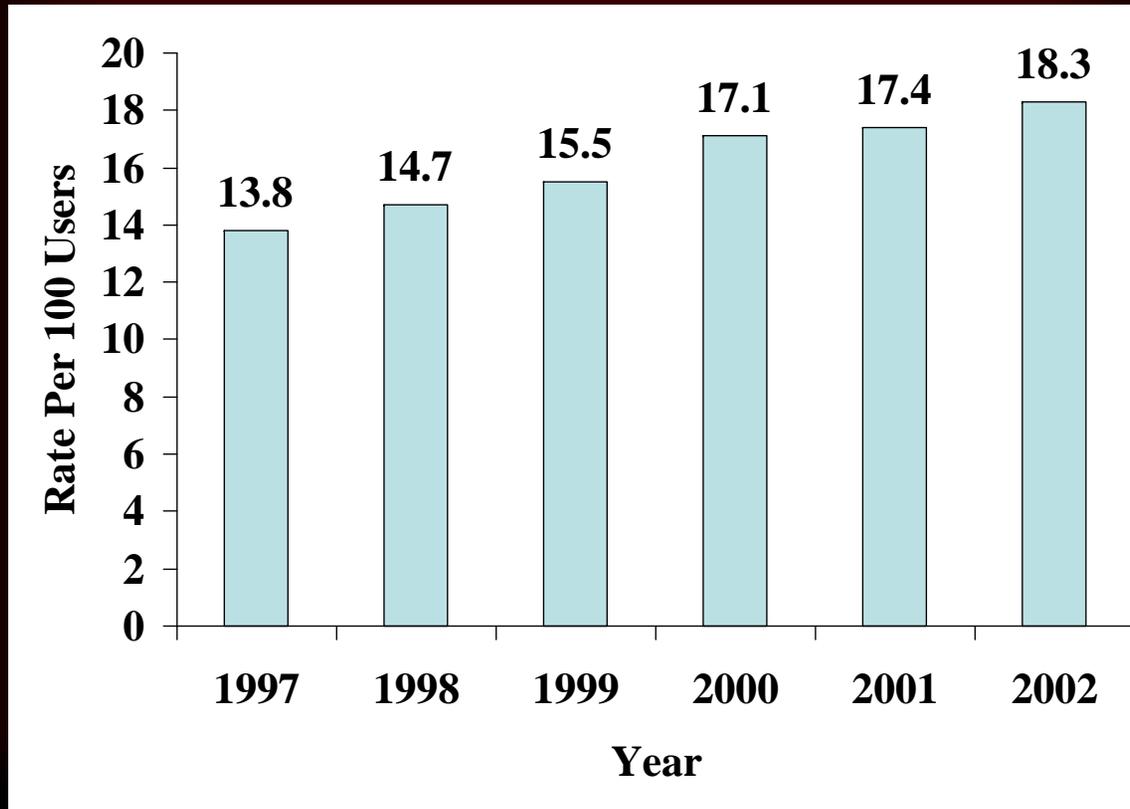


# Leading Causes of Mortality

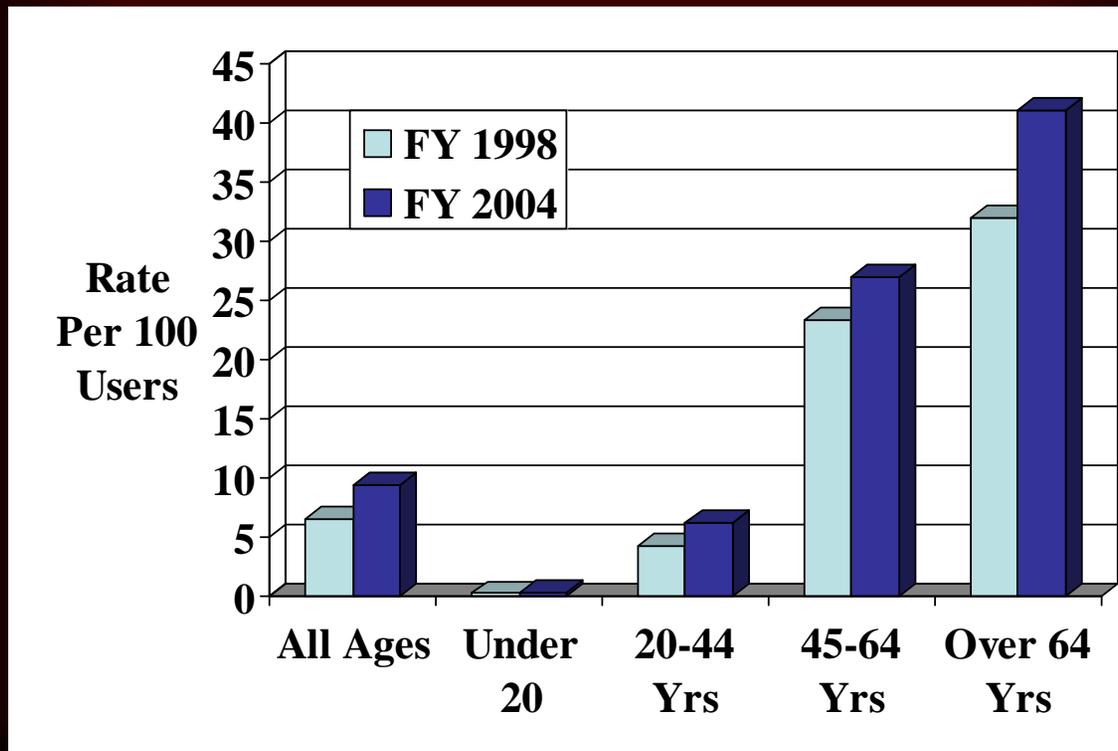
- Unintentional Injuries 22%
- Heart disease 16%
- Cancer 12%
- Pneumonia/Influenza 6%
- Diabetes 6%



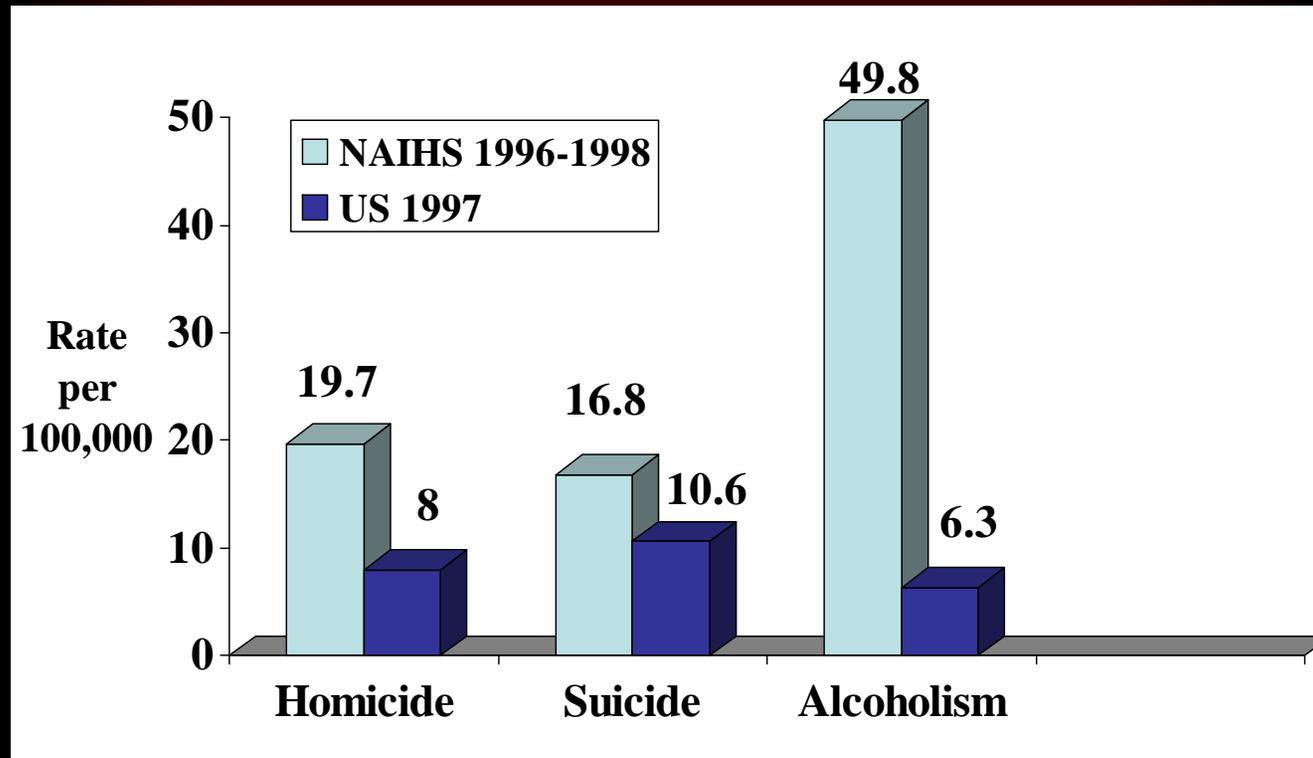
# Diabetes Prevalence



# Age Specific Diabetes Prevalence

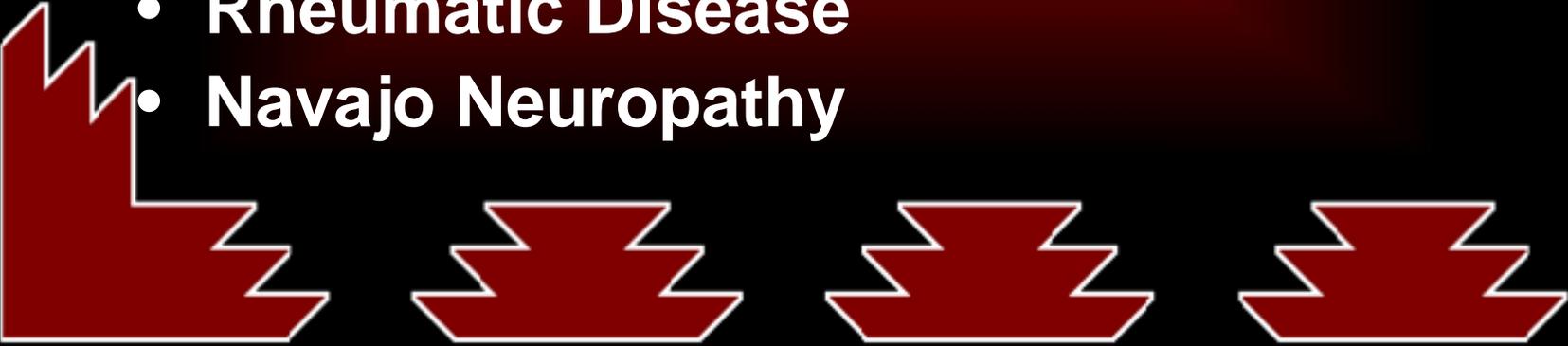


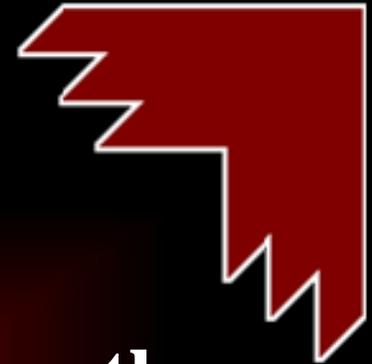
# Behavioral Health





## Unique Pathology

- **Infectious Disease**
    - Hantavirus Pulmonary Syndrome
    - Plague
    - Black Widow & Snake Bites!
  - **Chronic Lung Disease (not COPD)**
  - **Uranium Exposure**
  - **Rheumatic Disease**
  - **Navajo Neuropathy**
- 



## **Medical Education**

- **Up to 6 students or residents per month**
- **IM/FP/OB-GYN Ambulatory Rotations**
- **Allied Health Students (Pharmacy, Rehab, Midwifery, Nursing)**
- **Housing, travel stipend provided**



# Canyon De Chelly National Monument





## Life in Chinle

- Elevation Range 5,500 – 9,000 ft
- Semi desert plateau with wooded mesa, mountain ranges, canyons and valleys
- Temperature range 0 – 90 degrees F  
– (with low humidity)
- Annual rainfall 8.5 inches
- Seasons: Winter, Wind, Sun, Monsoon



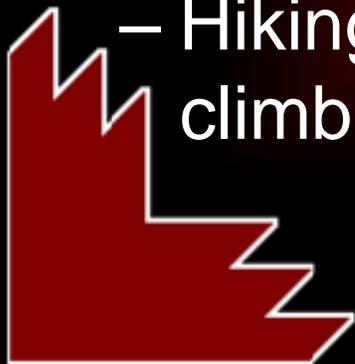
## Three Turkey Ruins





# Life in Chinle

- Activities:
  - Ultimate Frisbee
  - Book Clubs / Film Nights
  - Wellness Center
  - Potlucks
  - Hiking, biking, kayaking, fishing, rock climbing, skiing



# The Flying Goatheads (Ultimate Frisbee)



A photograph of a natural rock window in a desert canyon. The rock is a reddish-brown color and has a large, irregularly shaped opening. A person is standing in the opening, providing a sense of scale. The sky is overcast and grey. The text "Chinle 'Window Rock'" is overlaid on the image in a bold, black font.

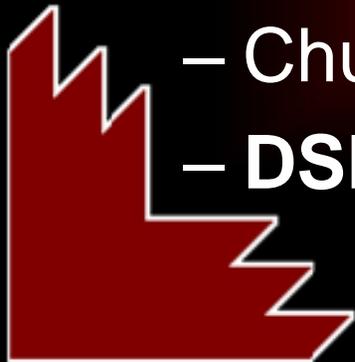
**Chinle "Window Rock"**



# Life in Chinle

- Services

- Basha's Supermarket / Tucson Co-op
- Restaurants
  - Garcia's, Junction, Thunderbird, fast food
- Wells Fargo Bank, US Post Office
- Video Rental
- Churches
- **DSL Internet**





**Some of our  
government housing...**



**Chinle**

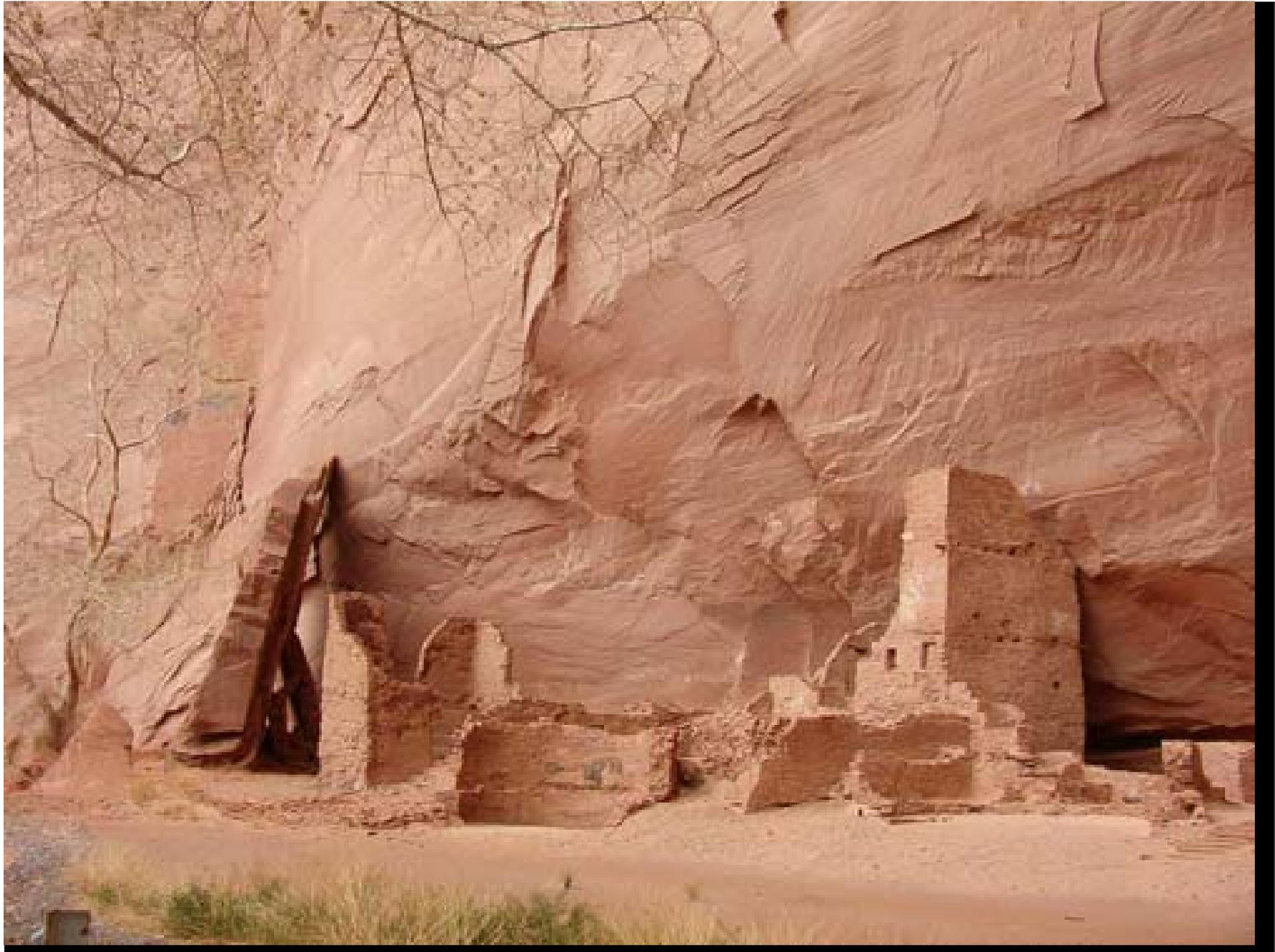


**Pinon**



## Checking out the ball field











# Native Culture in Chinle

- Rodeos, pow-wows, ceremonies
  - Dine Community College – weaving classes, language classes and Native literature classes
  - Native food
  - Native crafts and craft fairs
  - Hiking the canyon with a Navajo guide
- 





# Tsaile Health Center





# Pinon Health Center





# Pinon Health Center

- Outpatient Clinic
  - 15 exam rooms
  - 4 Optometry exam rooms
  - 14 Dental bays
  - Large Physical Therapy area
  - Large Pharmacy Area
- 

# Pinon Outpatient Department





# Life in Pinon

- **Elevation Range 5,500 – 9,000 ft**
- **Semi desert plateau with wooded mesa, mountain ranges, canyons and valleys**
- **Temperature range 0 – 90 degrees F**  
– (with low humidity)
- **Annual rainfall 8.5 inches**
- **Seasons: Winter, Wind, Sun, Monsoon**





# Life in Pinon

- Activities:

- Book Clubs / Film Nights

- Potlucks

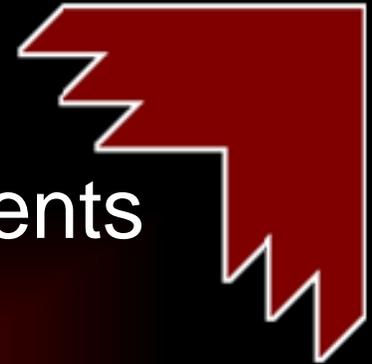
- Gardening

- Fire pits

- Hiking, rock climbing, camping, biking, and cross country skiing all in the backyard

- Downhill skiing, kayaking, rock climbing, and fishing are all within a few hours





# Pinon Health Center Departments

**IM, FP, Peds**

**OB/GYN, CNMs**

**Counseling**

**Dietary and Community Nutrition**

**Dental**

**Health Promotions**

**Laboratory and X-ray**

**Native Medicine**

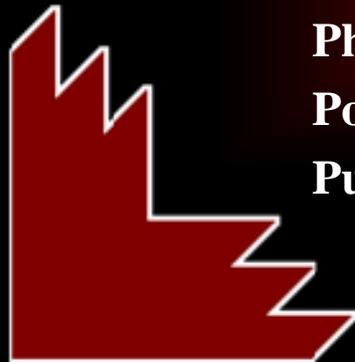
**Optometry**

**Pharmacy**

**Physical Therapy**

**Podiatry**

**Public Health Nursing**





**Petroglyphs**



# Life in the Four Corners

- Skiing
    - Southern Colorado: Telluride, Durango, Wolf Creek
    - Northern New Mexico: Taos
    - Salt Lake City, Utah: Park City
    - Northern Arizona: Snow Bowl
  - Mountain biking – Moab, Durango
  - Ice climbing – Ouray
  - Hiking/canyoneering – Grand Canyon
  - White water rafting – Green River, Colorado River, San Juan River
- 

# Hanging Ladders Trail!



# Twin Trails – Canyon De Chelly



# Telluride, Colorado





# Life in the Four Corners

- National Parks – Canyonlands, Arches, Mesa Verde, Bryce, Zion, Capitol Reef, Monument Valley, Grand Canyon, Chaco Canyon, and MORE!!
  - Hubbell Trading Post Historical Site
  - Nearest Cities – Flagstaff, Albuquerque, Phoenix, Sedona, Las Vegas
- 

# Grand Canyon





**Hubbell  
Trading Post**





Spider Rock