



Hopi Tribe Oral Health Initiative

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CHR Health Summit
September 29-30, 2016
Twin Arrows Conference Center

TOPICS

THE HOPI TRIBE

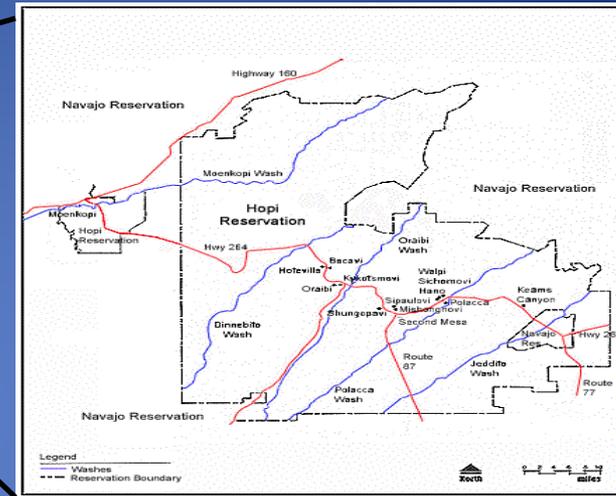
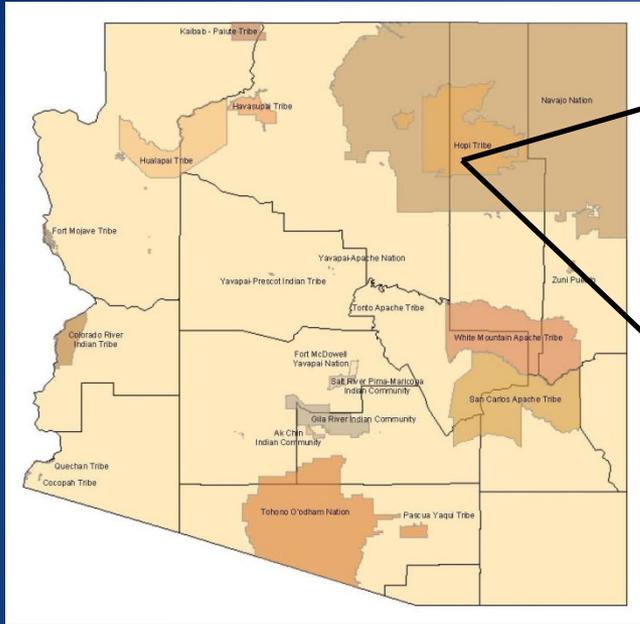
WHAT DOES ORAL HEALTH LOOK LIKE ON HOPI?

1. IHS DATA
2. COMMUNITY HEALTH PROFILE DATA

PROJECT INITIATIVES

1. HEAD START
2. COMMUNITY PRESENTATIONS
3. CHR/WIC INITIATIVE
4. ORAL HEALTH SCREENINGS

The Hopi Tribe



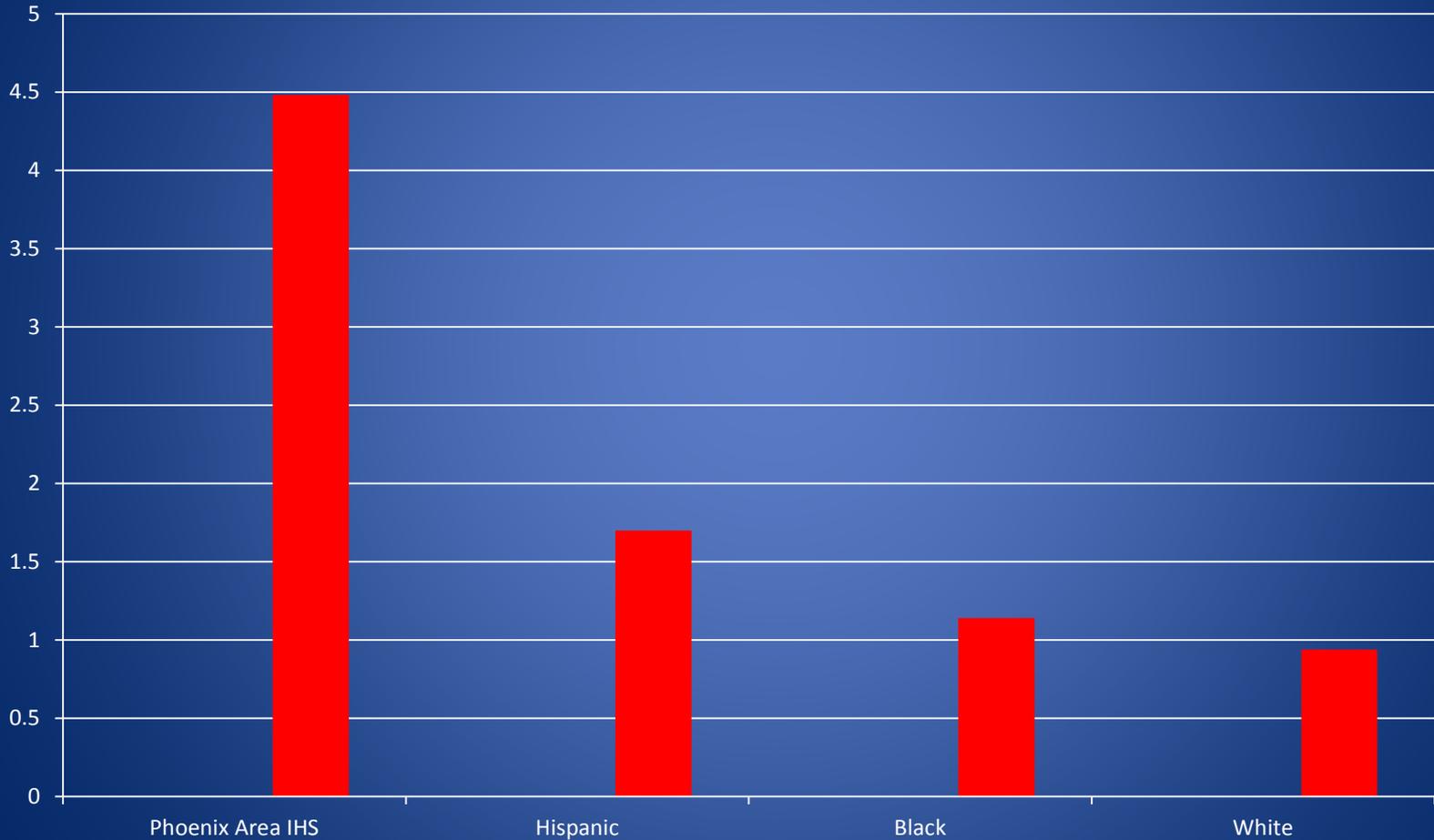
- 1.5 million acres
- 12 quasi-independent villages
- 4700-7800 ft above sea level
- ~8,299 live on-reservation
- ~ 5,143 live off -reservation

Oral Health Data

Phoenix Area children 0-5 years of age

- 57% of children age 0-5 years, have tooth decay experience on average
- 36% have untreated decay
- 4% of children have an urgent need for dental care - pain or active infection – Swelling, fever
- Children in the Phoenix Area have, on average, almost 4 teeth with decay experience

Number of teeth with decay 2-5 YO USA



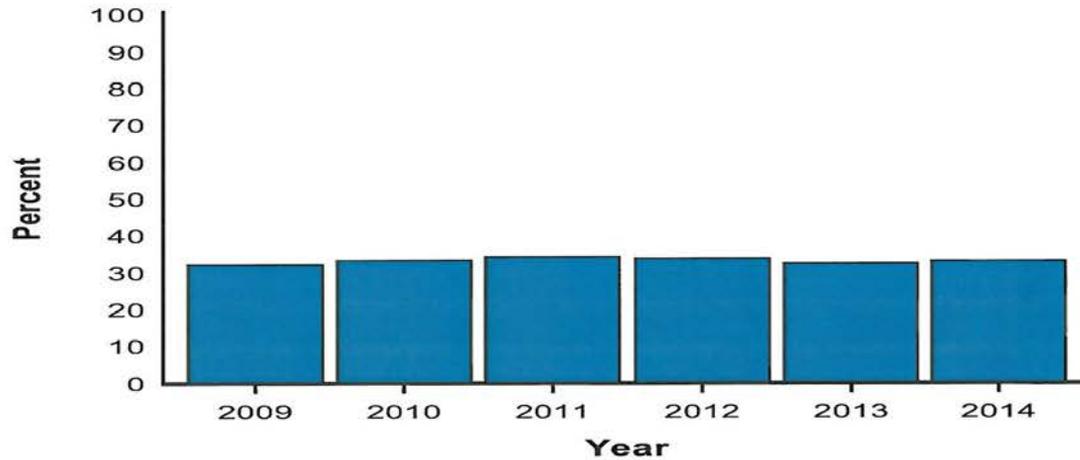
IHS Data

Site	% W/ Decay	% with untreated decay	Mean # teeth W \ Decay
■ Colorado River	48.7	26.1	2.87
■ Keams Canyon	79.5	60.9	7.23
■ Phoenix	56.7	35.7	3.30
■ San Carlos	69.1	54.9	5.02
■ Schurz	47.3	23.2	3.26
■ Phoenix Area Total	56.7	35.7	3.69
■ IHS	54.1	38.5	3.50
■ USA (White)			1.1



Access to Dental Services

Graph 27: Access to Dental Services in Hopi Tribe by Year¹



¹Data from IHS EDM 2009-2014 inpatient records

Access to dental services is a performance measure reported by IHS. It is measured by counting the number of active IHS users in the Hopi Tribe community that have had a documented dental visit during the reporting period. Graph 27 shows that in 2014, 33% of active IHS users in Hopi Tribe had a documented dental visit.

Access to Dental Services

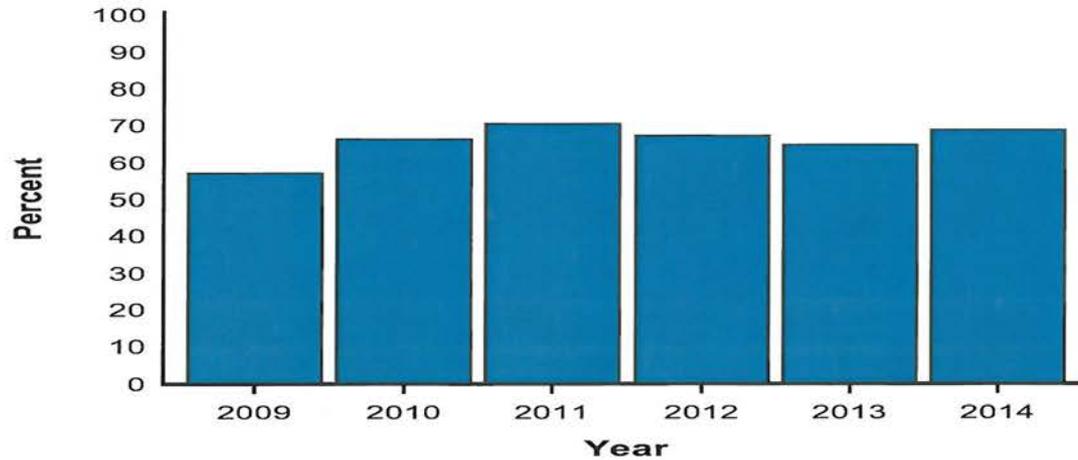
Table 26: Access to Dental Services in Hopi Tribe by Year¹

Year	Count	Percent
2009	2673	32
2010	2706	33
2011	2879	34
2012	2811	34
2013	2733	32
2014	2658	33

¹Data from IHS EDM 2009-2014 inpatient records

Fluoride Treatments

Graph 28: Fluoride Treatments in Hopi Tribe by Year¹



¹Data from IHS EDM 2009-2014 inpatient records

Topical fluoride treatments can reduce the number of dental cavities in children. Graph 28 shows that in 2014, 68.5% of active IHS users in Hopi Tribe included in this analysis were reported as having received a topical fluoride treatment. This performance measure is reported by IHS. Children ages 1 through 15 in Hopi Tribe were included in this analysis.

Fluoride Treatments

Table 27: Fluoride Treatments in Hopi Tribe by Year ¹

Year	Count	Percent
2009	1688	57
2010	2155	66
2011	2509	70
2012	2347	67
2013	2219	65
2014	2284	69

¹Data from IHS EDM 2009-2014 inpatient records

Hopi Initiatives

- American Arizona Indian Oral Health, Lynette Shupla, President
 - The Hopi Tribe actively participates in this partnership
 - Received a \$5,000 grant to start a project on Hopi
 - A Hopi Oral Health Committee was formulated
 - Health Department
 - CHR
 - Head Start
 - Office of Special Needs
 - Indian Health Services

Hopi Initiative – Cont'd

- Head Start Program
 - Developed a poster that promotes the start of oral health prevention & education for the headstart program
 - Students receive oral health screening two times during the school year in partnership with CHR's and Indian Health Service
 - Brushing after breakfast and lunch has been incorporated into the Head Start program. Each student is given the hour glass timer for this activity
 - Dr. Tamma – tooth Character used to provide education to students and parents

"This is the way we brush our teeth"

*Brushing & Flossing
your teeth everyday
helps keep sugar bugs
away!*



Hopi Head Start Program
Arizona American Indian Oral Health Initiative
Hopi Oral Health Prevention & Education



Uma umu tamay pas tumala'yungni Uma umu tamay tuuvahomtotani

Oral Health Initiative -HRSA-17-011 (R40)

MCH Field-Initiated Innovative Research Studies

- Partnership with Northern Arizona University to address the following focusing on creating culturally tailored intervention that builds upon a successful program
 - Oral health of pregnant women and importance of teachable moments during pregnancy
 - Best Practices to prevent early childhood caries
 - Utilize CHR to deliver oral health intervention

continued

- Partners for this project include the following:
- Hopi WIC Program
- CHR Program
- Hopi Head Start Program
- Northern Arizona University – Dr. Julie Baldwin and team

Future initiatives

- Hire 2 CHR to focus on oral health
- Develop a Health Education component that will address oral health
- Build on current relationships with nearby agencies
- Identify funding to address oral health on Hopi
- Incorporate screening through the WIC program

Thank you



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