

Arizona Preschool Children's Oral Health Status

*Head Start Dental Home Initiative
February 25, 2011*

*Office of Oral Health, Bureau of Women and Children's Health
602-542-1866*

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Why is Oral Health Important?



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Why is Oral Health Important?

- 51 million school hours lost per year (*Gift HC 1997*)
- Failure to thrive, impaired speech development, absence from and inability to concentrate in school and reduced self-esteem (*Office of Disease Prevention and Health Promotion 2000*)
- Decreased school performance, poor social relationships, and less success later in life (*US General Accounting Office 2000*)

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Why is Oral Health Important?

- Early tooth decay is a predictor of a life-time of oral disease
- Tooth decay is a chronic, infectious disease
- Cannot be cured, only mitigated

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Why is Oral Health Important?

- Dental diseases linked with other health problems
 - Premature/Low-birth weight infants
 - Failure to Thrive
 - Diabetes
 - Cardiovascular diseases
 - Stroke

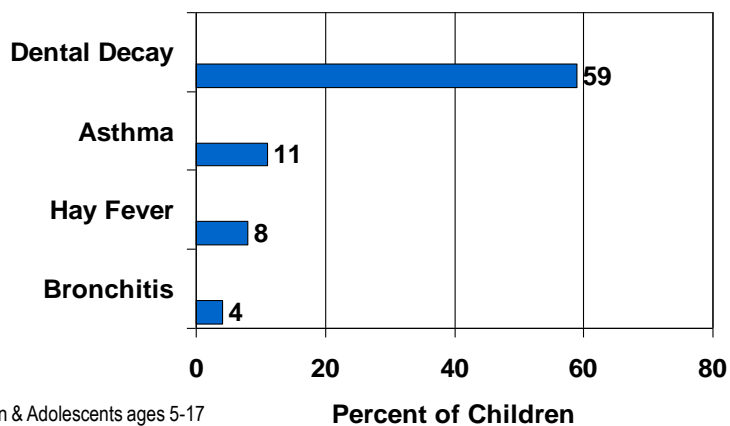
“You’re not healthy without good oral health.”

(C. Everett Koop)

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Why is Oral Health Important?



Children & Adolescents ages 5-17

Percent of Children

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NCHS, NAHNES III 1996



Arizona Oral Health Survey of Preschool Children

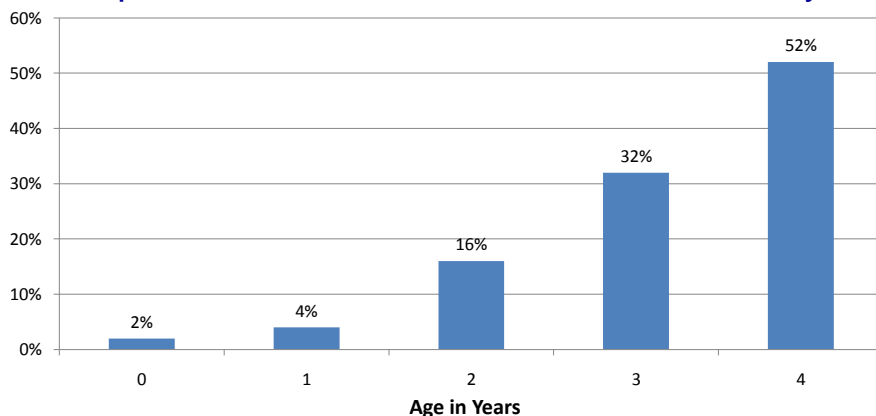
- Open mouth survey- calibrated survey teams
- CDC provided technical advice on:
 - Survey design, sample and analysis
- Standardized survey instrument:
 - can generalize information to the population
 - can make comparisons to other states

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Tooth Decay Experience by Age

Represents both treated and untreated decay

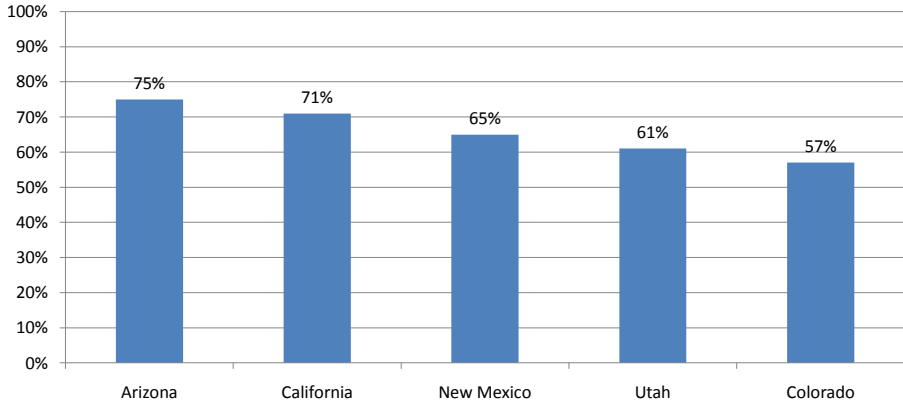


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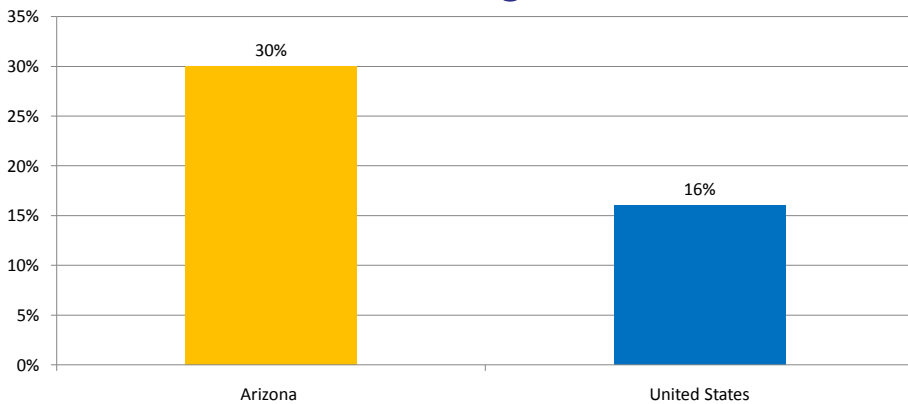
Bordering States: Tooth decay experience among 3rd graders



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Untreated Tooth Decay Children Ages 2-4

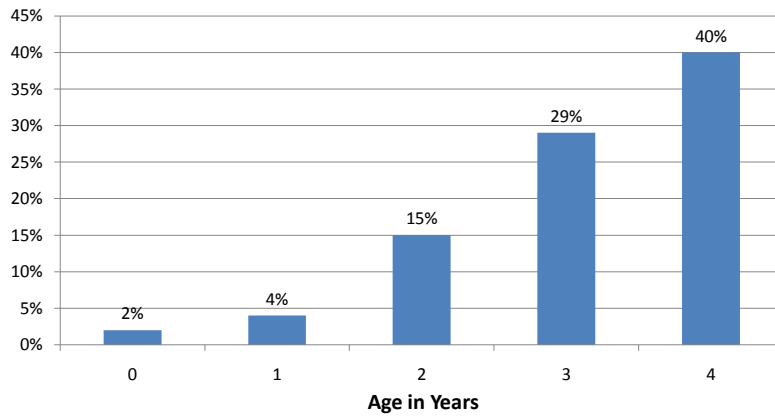


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Untreated Tooth Decay by Age

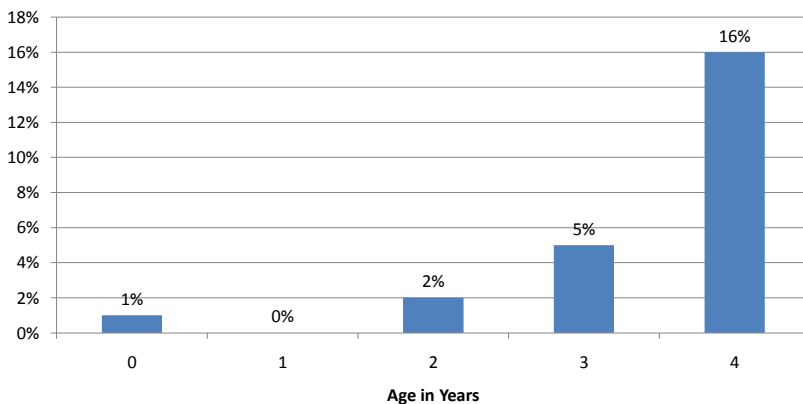


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Treated Tooth Decay



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Treatment Urgency

- 4 out of 10 four year olds have early or urgent treatment needs.



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Arizona 3rd Graders

- 75% of Arizona 3rd graders have experienced tooth decay.



*Arizona Department of Health Services, Office of Oral Health **Healthy Smiles—Healthy Bodies Survey** of 3rd Grade Children 2009-2010

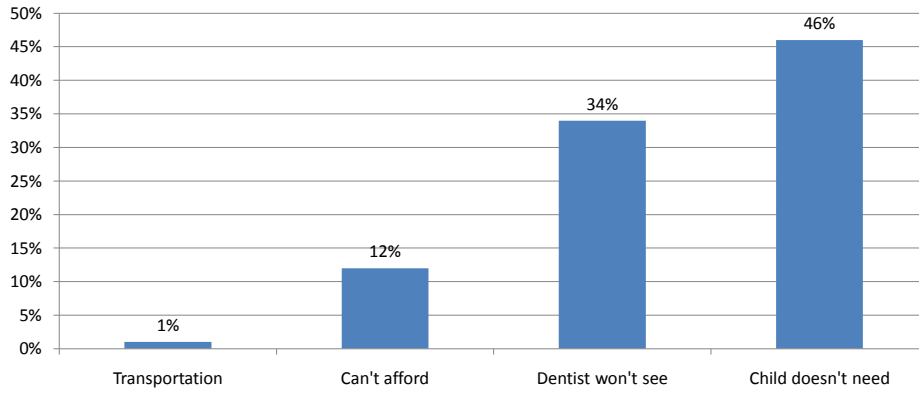


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Reason for no dental visits

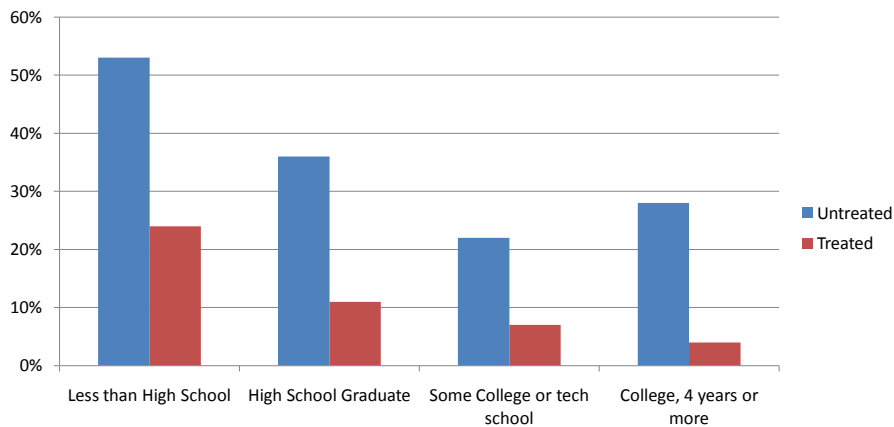


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Tooth decay by parent's education

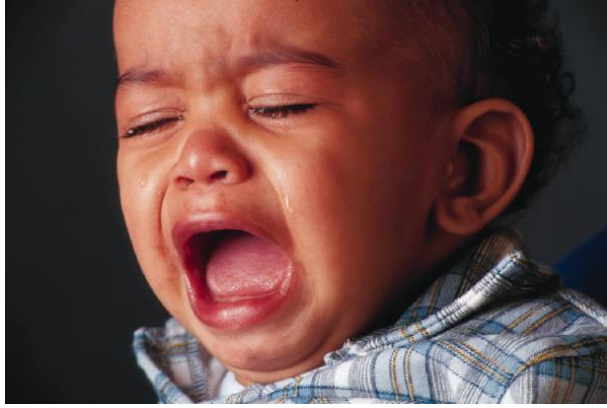


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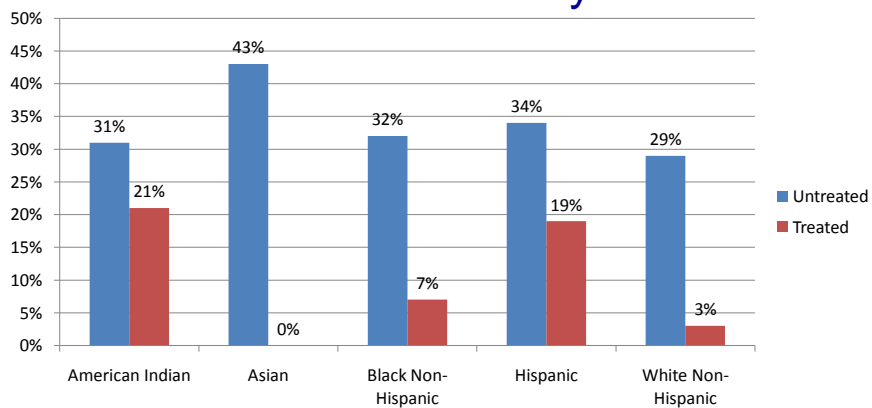
Disparities



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Untreated and Treated Tooth Decay by Race/Ethnicity

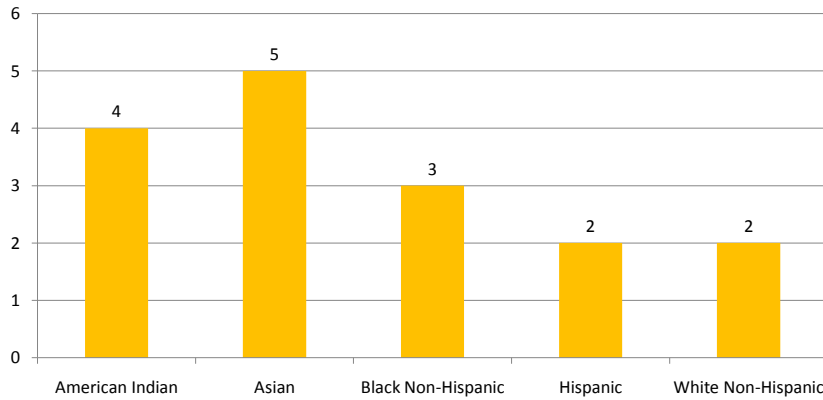


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Number of Teeth with Cavities by Race

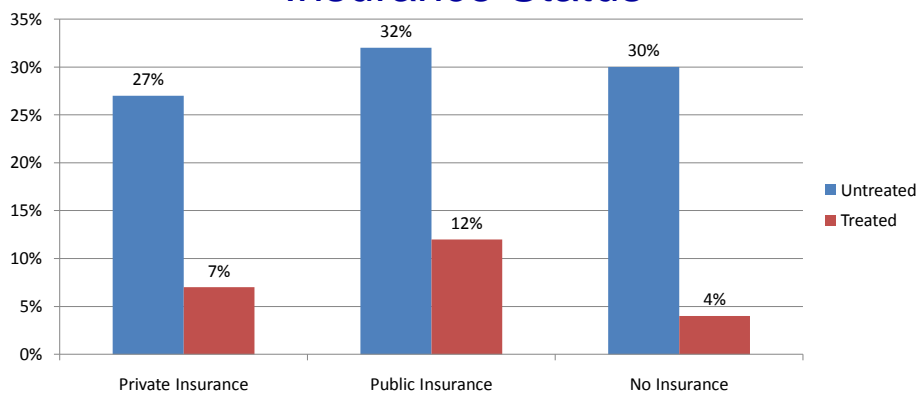


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Untreated and Treated Tooth Decay by Insurance Status



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Dental Visits

- 50% of children 0-4 have never visited a dentist.



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Establish a Dental Home by Age One

- Recommended by:
 - American Academy of Pediatrics (May 2003)*
 - American Dental Association*
 - Arizona Academy of Pediatric Dentistry*
 - Academy of Pediatric Dentistry*

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CONTINUING EDUCATION August 2004


First Dental Visit by Age One

A guide to recommendations from:


American Dental Association
American Academy of Pediatrics
American Academy of Pediatric Dentistry
Arizona Academy of Pediatric Dentists



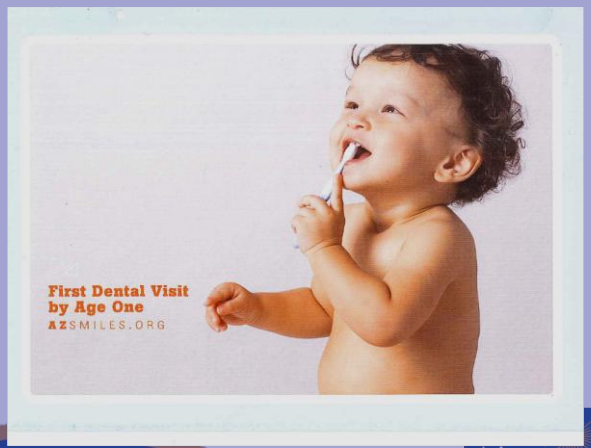
To find more information on this free CE go to:
<http://www.azdhs.gov/files/azdhs/phs/cet03.pdf>

 Arizona Department of Health Services, Office of Oral Health, 190 North 15th Avenue, Phoenix, AZ 85007

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Establish a Dental Home by Age One



**First Dental Visit
by Age One**
AZSMILES.ORG

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Oral Health Work Force Grant 2009-2012

- Strategies include:
 - Building Regional Oral Health Coalitions
 - Head Start representatives are members
 - Multiple Teledentistry demonstration practice models
 - Head Start model
 - These are pilots projects; OOH will share final “lessons learned” upon completion of the grant.

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