



FIRST THINGS FIRST

Ready for School. Set for Life.

AGENDA ITEM: Oral Health Targeted Service Units

BACKGROUND: Young children in Cochise County and Arizona experience limited access to dental care. Dental care is very important because poor oral health is linked to children’s failure to thrive, poor speech development, school-based absences, and problems concentrating in school. A 2009 study conducted by the Arizona Department of Health Services found that 30 percent of Arizona children age two to four had untreated tooth decay – nearly twice the national rate of 16 percent. According to a 2007 Cochise County Oral Health Needs Assessment completed by the Mel and Enid Zuckerman Arizona College of Public Health, University of Arizona, barriers to dental care in Cochise County include cost, lack of dental insurance, lack of providers from underserved racial and ethnic groups and fear of dental visits.

The below statistics provides information on the approach to oral health and program implementation of oral health strategies to address this health care need.

RECOMMENDATION: The Regional Director recommends approval of the recommended targeted service numbers for SFY 2014 based on the Needs and Assets report, statistics for the critical need of oral health programs and how many children birth to 5 are in the highest need geographic areas.

FY 2013 Oral Health Contract Detail with Service Units

Regional Council	Funding Allocation	Unit of Service	Contracted Units	YTD Actual Units
Central Maricopa				
	\$336,752	Number of children receiving oral health screenings	1,500	502
		Number of fluoride varnishes applied	1,500	468
		Number of participating adults	1,500	1,657
		Number of participating professionals	175	39
		Number of prenatal women receiving oral health screenings	50	0
Cochise				
	\$190,000	Number of children receiving oral health screenings	600	172
		Number of fluoride varnishes applied	600	159
		Number of participating adults	2,000	1,117
		Number of participating professionals	36	4
		Number of prenatal women receiving oral health screenings		0
Coconino				
	\$110,656	Number of children receiving oral health screenings	1,000	150
		Number of fluoride varnishes applied	950	126
		Number of participating adults	650	32
		Number of participating professionals	20	16
		Number of prenatal women receiving oral health screenings	50	8
Graham/Greenlee				
	\$80,000	Number of children receiving oral health screenings	500	48
		Number of fluoride varnishes applied	60	48
		Number of participating adults	75	49
		Number of participating professionals	15	17
		Number of prenatal women receiving oral health screenings	25	1
Navajo Nation				
	\$261,704	Number of children receiving oral health screenings	500	0
		Number of fluoride varnishes applied	1,000	0
		Number of participating adults	200	0
		Number of participating professionals	0	0
		Number of prenatal women receiving oral health screenings		0
Navajo/Apache				
	\$130,000	Number of children receiving oral health screenings	1,200	419
		Number of fluoride varnishes applied	1,200	419
		Number of participating adults	55	58
		Number of participating professionals	0	17
		Number of prenatal women receiving oral health screenings	0	0
Northeast Maricopa				
	\$151,484	Number of children receiving oral health screenings	1,250	157
		Number of fluoride varnishes applied	1,250	154
		Number of participating adults	220	30
		Number of participating professionals	0	14
		Number of prenatal women receiving oral health screenings	0	0
Northwest Maricopa				
	\$400,000	Number of children receiving oral health screenings	3,333	2,408
		Number of fluoride varnishes applied	6,667	2,374
		Number of participating adults	700	2,263
		Number of participating professionals	5	14
		Number of prenatal women receiving oral health screenings	0	0
Pinal				
	\$450,000	Number of children receiving oral health screenings	2,000	570
		Number of fluoride varnishes applied	1,500	510
		Number of participating adults		470
		Number of participating professionals	10	54
		Number of prenatal women receiving oral health screenings	1,000	28

Pinal				
\$450,000	Number of children receiving oral health screenings	2,000	570	
	Number of fluoride varnishes applied	1,500	510	
	Number of participating adults		470	
	Number of participating professionals	10	54	
	Number of prenatal women receiving oral health screenings	1,000	28	
Santa Cruz				
\$74,800	Number of children receiving oral health screenings	2,000	570	
	Number of fluoride varnishes applied	2,000	464	
	Number of participating adults	0	334	
	Number of participating professionals	0	0	
	Number of prenatal women receiving oral health screenings	200	21	
South Phoenix				
\$542,000	Number of children receiving oral health screenings	3,500	0	
	Number of fluoride varnishes applied	3,500	0	
	Number of participating adults	3,900	0	
	Number of participating professionals		0	
	Number of prenatal women receiving oral health screenings		0	
South Pima				
\$225,000	Number of children receiving oral health screenings	2,300	452	
	Number of fluoride varnishes applied	2,300	452	
	Number of participating adults	200	292	
	Number of participating professionals	40	68	
	Number of prenatal women receiving oral health screenings	60	6	
Southeast Maricopa				
\$288,600	Number of children receiving oral health screenings	1,500	443	
	Number of fluoride varnishes applied	1,500	403	
	Number of participating adults	1,500	1,024	
	Number of participating professionals	195	43	
	Number of prenatal women receiving oral health screenings	0	3	
Southwest Maricopa				
\$175,000	Number of children receiving oral health screenings	1,336	312	
	Number of fluoride varnishes applied	2,667	307	
	Number of participating adults	200	250	
	Number of participating professionals	0	14	
	Number of prenatal women receiving oral health screenings	0	0	
White Mountain Apache Tribe				
\$80,000	Number of children receiving oral health screenings	800	238	
	Number of fluoride varnishes applied	800	238	
	Number of participating adults	45	232	
	Number of participating professionals		78	
	Number of prenatal women receiving oral health screenings		0	
Yuma				
\$303,266	Number of children receiving oral health screenings	4,000	657	
	Number of fluoride varnishes applied	4,000	646	
	Number of participating adults	250	484	
	Number of participating professionals	50	42	
	Number of prenatal women receiving oral health screenings	0	1	

Oral Health Service Numbers:

We set Targeted Service Units (TSU's) three years ago for the "Number of children receiving oral health screenings" ONLY. When the contractor submitted the renewal for SFY13 they proposed new numbers based on their reports and how many children could be effectively screened due to the geographic size of the Cochise Region (approved by the Council May 2012 - as seen below).

Original Numbers by Council	Proposed by Grantee and Approved by Council
<i>Number of children receiving oral health screenings = 3,000</i>	<i>Number of children receiving oral health screenings = 600</i>
<i>Number of fluoride varnishes applied = 0</i>	<i>Number of fluoride varnishes applied = 600</i>
<i>Number of participating adults = 0</i>	<i>Number of participating adults = 2,000</i>
<i>Number of participating professionals = 0</i>	<i>Number of participating professionals = 36</i>
<i>Number of prenatal women receiving oral health screenings = 0</i>	<i>Number of prenatal women receiving oral health screenings = 0</i>

2003 Arizona School dental survey "Every Tooth Counts", many six-to-eight-year-olds in Cochise County communities have a high incidence of untreated tooth decay and urgent treatment needs. Data are not currently available for children under age six. As shown in the below table, the rate of untreated tooth decay is higher in Sierra Vista, Douglas, and Tombstone.

Cochise County	Untreated Tooth Decay	Urgent Treatment Needs	Sealants Present
Benson	n/a	n/a	n/a
Bisbee	37% of 700 children	9%	22%
Douglas	56% of 2,388 children	4%	0%
Huachuca City	36% of 395 Children	9%	5%
Sierra Vista	64% of 3,338 Children	16%	8%
Tombstone	50% of 109 Children	9%	25%
Willcox	n/a	n/a	n/a

Regional Director's Recommendation:

Regional Director's Recommendation
<i>Number of children receiving oral health screenings = 1,500</i>
<i>Number of fluoride varnishes applied = 1,500</i>
<i>Number of participating adults = 2,500</i>
<i>Number of participating professionals = 43</i>
<i>Number of prenatal women receiving oral health screenings = 60</i>

Bisbee 0-5 Population = 700
 Douglas 0-5 Population = 2,388
 Huachuca City 0-5 Population = 395
 Sierra Vista 0-5 Population = 3,338
 Tombstone 0-5 Population = 109

 Total = 6,930

 Target Service Number = 1,500 to 3,000