

Surveillance on the Cheap: The Arkansas Plan



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manwho

menwho

surveys

surveillance



“We need a surveillance plan...”



“We need a surveillance plan...

*But we don't have any money, so
don't get carried away.”*



Objectives

- Assess the oral health of Arkansans
 - All ages
 - Multiple perspectives
 - Prevention
 - Service utilization
 - Access to care
 - Identify high risk groups
 - Identify needs and resources within state
- Treatment
Policy



Objectives, cont'd

- Monitor trends
- Promote awareness of benefits
- Promote implementation of evidence-based programs
- Assist in program evaluation



Desired characteristics

- Comprehensive
- Inexpensive
- Timely
- Current
- Flexible
- Sustainable



Indicators

- CDC
 - National Oral Health Surveillance System
- Oral Health America
 - Oral Health Report Card
- Office of Oral Health
- Common sense



Indicators

- **Oral health status**
 - Caries experience (children)
 - Untreated caries (children)
 - Missing teeth (adults, elderly)
 - Cancer incidence/ mortality

- **Preventive practices**
 - Oral hygiene
 - Regular dental checkups
 - Sealant use
 - Water fluoridation



Indicators

- Access to dental care
 - Availability of dentists
 - Dental insurance coverage
- Policy
 - Fluoridation – state, local
 - Excise taxes
 - Medicaid dental coverage
- Risk factors
 - Current smoking
 - Current smokeless tobacco use



Goals

- Healthy People 2010 goals
- Oral Health Report Card goals

- By:
 - State overall
 - PH Region (when possible)



Indicator	Data Source(s)	Goal	Current status
Oral Health Status			
Percentage of children with caries experience	5-year screening	42%	61%
Percentage of children with untreated caries	5-year screening	21%	31%
Percentage of adults with no tooth loss	BRFSS 5-year survey	42%	
Percentage of adults with ≥ 6 teeth removed because of decay	BRFSS 5-year survey	18%	25%
Percentage of adults ≥ 65 years, edentulous	BRFSS 5-year survey	20%	34%
Incidence rate of oral/pharyngeal cancer	AR Cancer Registry		10.1/100,000
Mortality rate of oral/pharyngeal cancer	AR Cancer Registry	2.7/100,000	3.1/100,000
Percentage of new cases of oral/pharyngeal cancer identified <i>in situ</i> or at localized stage	AR Cancer Registry	50%	40%
Preventive practices			
Percentage of adults with teeth cleaned within past 12 months	5-year survey		
Percentage of adults aged 65+ with teeth cleaned within past 12 months	5-year survey		
Percentage of adults with dental visit in past 12 months	BRFSS 5-year survey	56%	60%
Percentage of adults aged 65+ with dental visit in past 12 months	BRFSS 5-year survey		
Percentage of children (3 rd grade) with evidence of sealant placement	5-year screening	50%	15%
Percentage of public water systems that are optimally fluoridated	WFRS CDC DOH GIS	50%	32%

HP 2010 Indicator	US Target	AR Status	Position*
<i>Dental caries experience</i>			
Young children	11%	ND	Gray
Children	42%	61%	Red
Adolescents	51%	62%	Pink

- * Red = 25% or more above/below indicator in direction of risk
- Pink = 0 to 24% above/below indicator in direction of risk
- White = above/below indicator in preferred direction
- Gray = data not available

For a full copy of the plan:

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