

Reference Guide for Screening Surveys: Preschool Children



Ohio Department of Health

A supplement to the ASTDD
Screening Training Project

Columbus, Ohio
1999

Indicators:

- 1 Cavities
- 2 Children who have ever had a cavity (caries experience)
- 3 Early Childhood Caries (children through age three)
- 4 Urgency of need for dental care

Codes:

- 0- Condition is NOT present
1- Condition is present

Treatment urgency codes

- 2 - Urgent/Emergency need for dental care
1 - Early need for dental care
0 - No obvious problems/routine dental care

Primary Dentition

	Eruption	Shedding
Upper Central incisor	7 1/2 mo.	7 1/2 yr.
Upper Lateral incisor	9 mo.	8 yr.
Upper Cuspid	18 mo.	11 1/2 yr.
Upper First molar	14 mo.	10 1/2 yr.
Upper Second molar	24 mo.	10 1/2 yr.
Lower Second molar	20 mo.	11 yr.
Lower First molar	12 mo.	10 yr.
Lower Cuspid	16 mo.	9 1/2 yr.
Lower Lateral incisor	7 mo.	7 yr.
Lower Central incisor	6 mo.	6 yr.

Permanent Dentition

	Eruption
Upper Central incisor	7-8 yr.
Upper Lateral incisor	8-9 yr.
Upper Cuspid	11-12 yr.
Upper First bicuspid	10-11 yr.
Upper Second bicuspid	10-12 yr.
Upper First molar	6-7 yr.
Upper Second molar	12-13 yr.
Upper Third molar	17-21 yr.
Lower Third molar	17-21 yr.
Lower Second molar	11-13 yr.
Lower First molar	6-7 yr.
Lower Second bicuspid	11-12 yr.
Lower First bicuspid	10-12 yr.
Lower Cuspid	9-10 yr.
Lower Lateral incisor	7-8 yr.
Lower Central incisor	6-7 yr.

Indicator #1: Cavities

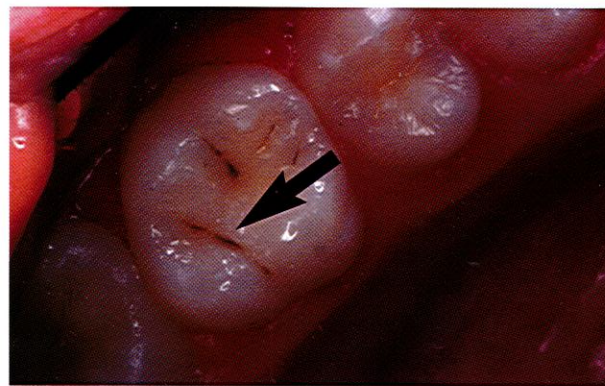
Criteria: at least one permanent or primary tooth with BOTH

- ▲ a loss of at least 1/2mm of tooth structure at the enamel surface (cavitation), AND
- ▲ brown to dark-brown coloration of the walls of the cavity



Sound tooth • Code = 0

Indicator #1: Cavities

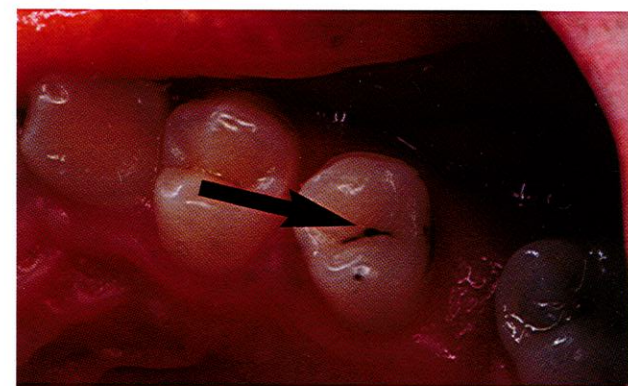


Stained groove, no cavitation • Code = 0



White spot, no cavitation • Code = 0

Indicator #1: Cavities



Threshold cavity • Code = 1

A good rule of thumb
in a screening survey is —
when in doubt, be conservative.
If you are not sure
that a condition is present,
assume it is not.

Indicator #2: Children who have ever had a cavity

Criteria: at least one untreated cavity, a filling, or missing permanent molar.

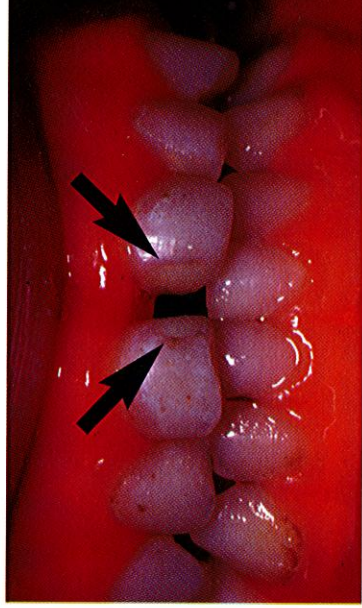
If a child was found to have at least one decayed tooth, s/he is coded "1" for Indicator #2.

If there are no cavities, look for fillings, crowns and missing permanent molars.

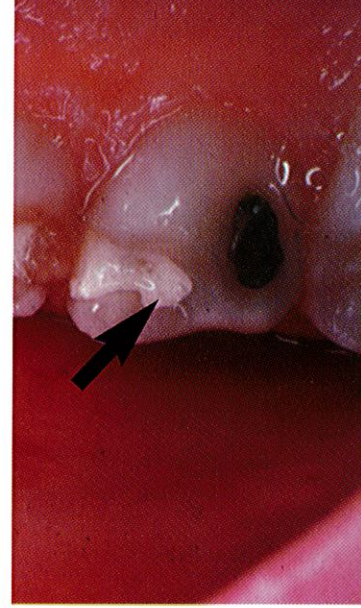


Amalgam filling • Code = 1

Indicator #2: Children who have ever had a cavity



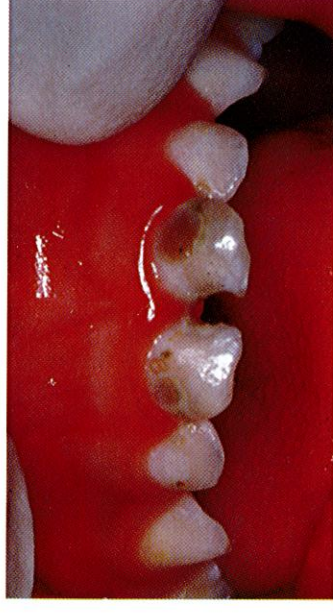
Tooth-colored filling • Code = 1



Temporary filling • Code = 1

Indicator #3: Early Childhood Caries

Criteria: any child age three or under found to have at least one of the upper front teeth either decayed, filled or missing due to caries.



Early childhood caries • Code = 1

Indicator #4: Urgency of need for dental care

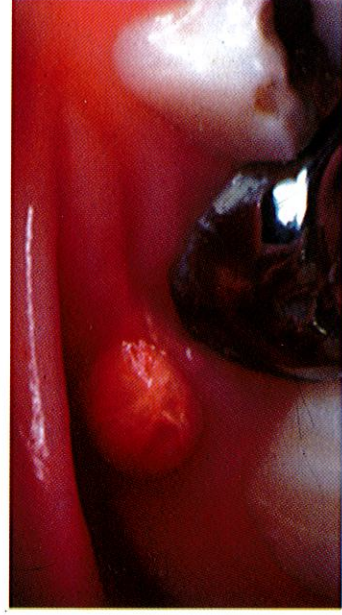
Code 2 Urgent/Emergency Need for Dental Care

Next dental visit:

- ▲ within 24 hours

Criteria:

- ▲ pain
- ▲ infection
- ▲ swelling
- ▲ soft tissue ulceration of more than two weeks duration



Infection • Code = 2

Indicator #4: Urgency of need for dental care

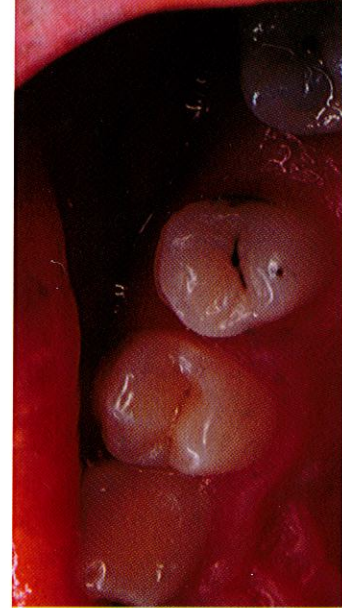
Code 1 Early dental care is needed

Next dental visit:

- ▲ within several weeks

Criteria:

- ▲ caries without accompanying signs or symptoms
- ▲ individuals with spontaneous bleeding gums
- ▲ suspicious white or red soft tissue areas



Caries • Code = 1

Indicator #4: Urgency of need for dental care

Code 0 No obvious dental problems

Next dental visit:

- ▲ next regular check-up

Criteria:

- ▲ any patient without problems listed under Codes 1 and 2

You may override a code if you feel the individual needs to see a dentist sooner or later than the initial code recommends.