



## FIRST NATIONS AND INUIT HEALTH BRANCH ORAL SCREENING RECORD (OSR)

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Screening date (YYYYMMDD)	Region	Code	Community site/facility	Code	Provider name (family and given name)	Provider no.
Client registration no.	Sex (M/F/X)	Birth date (YYYYMMDD)	Family name (last)	Given name (first)		

Health status and authorization (check all that apply)  Signed authorization form  Reviewed and updated medical history  Parent/Caregiver **declines** fluoride varnish

**Tooth status:** dmft/DMFT (WHITE UPPER RIGHT) and pufa/PUFA (GREY LOWER LEFT) (see instructions on reverse)  No teeth present at time of screening

17	16	15	14	13	12	11	21	22	23	24	25	26	27		
47	46	45	44	43	42	41	31	32	33	34	35	36	37		
Demineralization present <input type="checkbox"/>		85	84	83	82	81	71	72	73	74	75	Sealants=			
GA referral <input type="checkbox"/>		d=	m=	f=	Total t=		Total T=		D=	M=	F=	Additional treatment required outside scope <input type="checkbox"/>			
		p=	u=	f=	a=		P=		U=	F=	A=				

**Work plan (provider/regional use only)** (see instructions on reverse)

17	16	15	14	13	12	11	21	22	23	24	25	26	27		
47	46	45	44	43	42	41	31	32	33	34	35	36	37		
		85	84	83	82	81	71	72	73	74	75				

Comments

## General instructions

- Complete each section in **blue or black ink**. Record information accurately and neatly within the allotted space. **Use block letters**.
- To correct a mistake, draw a solid line through the entry. **Do not use white out**.
- Teeth should be cleaned of any debris prior to screening.
- Providers should adopt a systematic approach for screening, proceeding in an orderly manner from client's upper right to left and lower left to lower right.
- The screening is conducted with 2x2 gauze, a mirror, Williams/WHO probe and a light source (LED pen light or head lamp).
- When recording dmft/DMFT and pufa/PUFA, only one score is assigned per tooth and recorded in the box corresponding to the tooth number on the odontogram.
- To score a tooth, use clinical judgement. If unsure of a tooth's status, omit recording information.
- A tooth should be considered present when > 1mm is visible (cusp tip).
- The workplan section of the OSR shaded in grey is for provider/regional use only, and is **not a mandatory data collection requirement** to be entered into the National Dental Database.

## Field descriptions:

- **Screening date** (YYMMDD): The date of screening in YY/MM/DD format. Example: June 3<sup>rd</sup>, 2019 is recorded as **19-06-03**.
- **Region and code**: The name of the region and its corresponding two digit region code. Example: Manitoba is recorded as **MB 04**.
- **Community site/facility and code**: The community site or facility name and its corresponding code. Example: Fort Alexander is recorded as **FORT ALEXANDER 262**.
- **Provider name (family/given name) and provider number**: The provider's legally registered family (last) and given (first) name and their 9 digit provider number.
- **Client registration number**: The client's 9 or 10 digit registration number or the client's X number.
- **Sex**: The sex of the client using **M** for male, **F** for female or **X** for other or if non-identified.
- **Birth date** (YYMMDD): The client's birth date in YY/MM/DD format. Example: July 16, 2019 is recorded as **19-07-16**.
- **Family name and given name**: The client's legally registered Family (Last) and Given (First) name. Nicknames or assumed names are not permitted. Example: Robert James (Bobby) Brown is recorded as **BROWN, ROBERT J.**
- **Health status and authorization**: Indicate if the client has a signed authorization form, a reviewed and updated medical history and/or if the parent/caregiver declines fluoride varnish applications. (Check all that apply).

## Tooth status - dmft/DMFT

- **No teeth present at time of screening**: Select if there are no teeth present at time of screening.
- dmft/DMFT describes the amount (prevalence) of dental caries in an individual.
- Record dmft and/or DMFT data for the primary and/or permanent dentition, in the **upper right corner** of the appropriate box on the odontogram – only one entry per tooth.
- Lowercase letters are used for recording the primary dentition. Uppercase letters are used for recording the permanent dentition.
- dmft and DMFT are recorded separately. Score can range from 0-20 for the primary dentition and 0-28 for the permanent dentition.
- 8's, unerupted teeth, congenitally missing teeth, supernumerary teeth, teeth removed for orthodontic reasons, and primary teeth retained in the permanent dentition (DMFT only) are not counted when scoring dmft/DMFT.
- Teeth that have been sealed are considered sound (not recorded in the dmft/DMFT score).
- When a carious lesion or both a carious lesion **and a restoration** (temporary or permanent) are present, the tooth is recorded as **d/D**.
- When a tooth has been extracted due to caries, the tooth is recorded as **m/M**.
- When a restoration is present, or when a restoration is defective **but not decayed** (example: non-carious fracture), the tooth is recorded as **f/F**.
- After the screening is complete, record the total individual number for d,m,f and D,M,F in the corresponding boxes **below** the odontogram. Each box (d/D, m/M, f/F,) should contain a numerical value, with the lowest possible number being **zero**.
- If there are **no d/D teeth identified** during your dmft/DMFT screening, **do not complete** the pufa/PUFA index.

## The codes and criteria for dmft /DMFT index are as follows:

- **d/D**: obvious or visible decay, temporary restoration (ART/IST), decay present with restoration, decay present with sealant, clinical crown broken down.
  - **m/M**: missing (extracted) due to caries.
  - **f/F**: filled/restored tooth with no decay present - includes crowns, and preventive resin restorations.
- Source:** [https://books.google.ca/books?hl=en&lr=&id=8rEXDAAQBAJ&oi=fnd&pg=PP1&dq=who+basic+oral+health+survey&ots=fEDEX6tB\\_u&sig=jwmuNil\\_Fh9fUbuOFcel-Z1rWE#v=onepage&q=who%20basic%20oral%20health%20survey&f=false](https://books.google.ca/books?hl=en&lr=&id=8rEXDAAQBAJ&oi=fnd&pg=PP1&dq=who+basic+oral+health+survey&ots=fEDEX6tB_u&sig=jwmuNil_Fh9fUbuOFcel-Z1rWE#v=onepage&q=who%20basic%20oral%20health%20survey&f=false)
- **Sealants**: Teeth (primary or permanent) observed as having an existing sealant present at screening are recorded as "S" in the corresponding box of the odontogram - only one entry per tooth. After the screening is complete, record the total number of existing sealants present (primary and permanent) with the lowest possible number being zero in the corresponding box on the odontogram.
  - **t/T**: Teeth (primary and permanent) observed as being present at screening are circled in the corresponding box of the odontogram. After the screening is complete, record the total number of primary teeth (t) and total number of permanent teeth (T) present in the corresponding box on the odontogram. The score can range from 0-20 for the primary dentition and from 0-28 for the permanent dentition.
  - **Deminerlization present**: Select if any tooth/teeth observed as having decalcification/pre-cavitation/white spot lesion(s). If the box is unchecked, it indicates there is no deminerlization.
  - **Additional treatment required outside scope of COHS**: Indicate whether additional treatment (oral or non-oral health related) is required outside the scope of COHS. This does not imply that the providers themselves are doing the referral; however, the provider has considered the need for referral for the particular case. If the box is unchecked, it indicates that no additional treatment outside the scope of COHS is required.
  - **GA referral considered**: Indicate whether a referral for treatment under General Anesthesia (GA) has been considered. This does not imply that the providers themselves are doing the referral; however, the provider has considered the need for referral for the particular case. If the box is unchecked, it indicates that no referral for treatment under GA is required.

## Tooth status - pufa/PUFA (mandatory data collection)

- pufa/PUFA is an index used to assess the severity of decayed teeth only (**d/D**) and scores the presence of either a visible pulp, ulceration of the oral mucosa due to tooth/root fragments, a fistula or an abscess.
- If there is a lesion(s) present in the surrounding tissues that are **NOT a result of caries (d/D)**, a pufa/PUFA score is not recorded (example - a fistula present on a tooth with a sound restoration).
- Record pufa and/or PUFA data for primary and/or permanent dentition for each tooth identified as d/D, in the **lower left corner** of the appropriate box of the odontogram – only one entry per tooth.
- Lowercase letters are used for recording the primary dentition. Uppercase letters are used for the permanent dentition.
- pufa and PUFA are recorded separately. Score can range from 0-20 for the primary dentition and 0-28 for the permanent dentition.
- If unsure, regarding the extent of odontogenic infection, the basic score (**p/P** for pulp involvement) is given.
- If the primary tooth and its permanent successor tooth are present and both present stages of odontogenic infection, **only the permanent** tooth is to be scored.
- After the screening is complete, record the total individual number for p,u,f,a and P,U,F,A in the corresponding boxes **below** the odontogram. Each box (p/P, u/U, f/F, a/A) should contain a numerical value, with the lowest possible number being **zero**.

## The codes and criteria for pufa/PUFA index are as follows:

- **p/P**: opening of the pulp chamber is visible or when the coronal tooth structures have been destroyed by the caries process and only roots or root fragments are left.
- **u/U**: ulceration due to trauma from sharp pieces of a tooth is recorded when sharp edges of a dislocated tooth with pulpal involvement or root fragments have caused traumatic ulceration of the surrounding soft tissues, e.g., **tongue or buccal mucosa**.
- **f/F**: fistula is a pus **releasing** sinus tract related to a tooth with pulpal involvement is present.
- **a/A**: abscess is a pus **containing** swelling related to a tooth with pulpal involvement is present.

## Source:

[https://www.researchgate.net/publication/40680513\\_PUFA\\_An\\_index\\_of\\_clinical\\_consequences\\_of\\_untreated\\_dental\\_caries](https://www.researchgate.net/publication/40680513_PUFA_An_index_of_clinical_consequences_of_untreated_dental_caries)

## Guidelines for treating early childhood caries under GA - Recognized indicators:

- children who cannot cooperate because of a lack of psychological or emotional maturity or mental, physical or medical disability.
- those for whom local anesthetic is ineffective because of acute infection.
- anatomic variations or allergy.
- those who are extremely uncooperative, fearful, anxious and uncommunicative.
- those requiring significant surgical procedures, when all deciduous molars are erupted.
- those requiring immediate comprehensive dental care.

**Source:** (PDF) Treating early childhood caries under general anesthesia: A national review of Canadian data (researchgate.net)

**Source:** <https://www.sac-isc.gc.ca/eng/1579538771806/1579538804799#a89>

## Work plan

Provider/regional use only - **Not a mandatory data collection requirement** to be entered into the National Dental Database. Record teeth identified from screening to be treated with ART (**A**), IST (**I**) and/or Sealant (**S**) in the corresponding boxes of the odontogram. Include any relevant information pertaining to the screening in the comments section.