

Information topic	Details
Indicator name	Mean number of decayed, missing or filled teeth of children, by fluoridation status
Domain and topic	Drinking-water quality: Oral health of children
Indicator definition and units	<ul style="list-style-type: none"> - Mean number of decayed, missing or filled primary teeth (dmft) of 5-year old children by fluoridation status of the drinking-water supplied to their normal residence. - Mean number of decayed, missing or filled permanent teeth (DMFT) of children in Year 8 by fluoridation status of the drinking-water supplied to their normal residence.
Data Source	Ministry of Health. Age 5 and Year 8 oral health data from the Community Oral Health Service. URL: http://www.health.govt.nz/nz-health-statistics/health-statistics-and-data-sets/oral-health-data-and-stats/age-5-and-year-8-oral-health-data-community-oral-health-service (accessed January 2019)
Methodology	Fluoridation status is assigned to a child based on the fluoridation status of the drinking-water supplied to the address provided to the Community Oral Health Service.
Numerator	Mean number of dmft/DMFT of 5-year old children and children in Year 8 that were examined by the Community Oral Health Service
Denominator	Number of 5-year old children and children in Year 8 that were examined by the Community Oral Health Service
Population coverage	All children enrolled with the Community Oral Health Service
Time period and time scale	Annual; from 2000 onwards
Measures of frequency	Mean number of dmft/DMFT of 5-year olds and children in Year 8, by fluoridation status
Limitations of indicator	Children may not drink the fluoridated water to which they have access and may have moved between drinking-water supplies.
Limitations of data source	<ul style="list-style-type: none"> - A small number of children have been excluded in some DHBs as their fluoridation status was not recorded. - Service level data has been used in this indicator. Not all children are enrolled with the Community Oral Health Service or examined on time. This may not provide a representation of the New Zealand population. - Confidence intervals for mean dmft/DMFT are not included. Community Oral Health Service oral health data for children aged 5 and Year 8 are based on aggregated data provided by individual DHBs. Confidence intervals calculations for

	means require the standard deviation of the disaggregated data.
Created by	Ministry of Health, New Zealand
Related indicators	<ul style="list-style-type: none"> - Percentage of children who are caries-free, by fluoridation status - Population with access to fluoridated drinking-water
For more information	<p>For more information visit:</p> <ul style="list-style-type: none"> - Ministry of Health: http://www.health.govt.nz/our-work/preventative-health-wellness/oral-health - Ministry of Health. (2010). <i>Our Oral Health: Key findings of the 2009 New Zealand Oral Health Survey</i>. URL: http://www.health.govt.nz/publication/our-oral-health-key-findings-2009-new-zealand-oral-health-survey (accessed July 2016)