

Information topic	Details
Indicator name	<b>Percentage of children who are caries-free, by fluoridation status</b>
Domain and topic	Drinking-water quality: Oral health of children
Indicator definition and units	Percentage of children (5-year olds and children in Year 8) who are caries-free 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: <a href="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">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</a> (accessed July 2016)
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	Number of 5-year old children and children in Year 8 that were examined by the Community Oral Health Service who are caries-free
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	<ul style="list-style-type: none"> <li>- Percentage of 5-year olds and children in Year 8 that are caries-free, by fluoridation status and ethnic group</li> <li>- Percentage of 5-year olds and children in Year 8 that are caries-free, by District Health Board (DHB)</li> </ul>
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"> <li>- A small number of children have been excluded in some DHBs as their fluoridation status was not recorded.</li> <li>- 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.</li> </ul>
Created by	Ministry of Health, New Zealand

Related indicators	<ul style="list-style-type: none"> <li>- Mean number of decayed, missing or filled teeth of children, by fluoridation status</li> <li>- Population with access to fluoridated drinking-water</li> </ul>
For more information	<p>For more information visit:</p> <ul style="list-style-type: none"> <li>- Ministry of Health: <a href="http://www.health.govt.nz/our-work/preventative-health-wellness/oral-health">http://www.health.govt.nz/our-work/preventative-health-wellness/oral-health</a></li> <li>- Ministry of Health. (2010). <i>Our Oral Health: Key findings of the 2009 New Zealand Oral Health Survey</i>. URL: <a href="http://www.health.govt.nz/publication/our-oral-health-key-findings-2009-new-zealand-oral-health-survey">http://www.health.govt.nz/publication/our-oral-health-key-findings-2009-new-zealand-oral-health-survey</a> (accessed July 2016)</li> </ul>