



Groundwater quality, state, 2014-18

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| Title | Groundwater quality, state, 2014-18 |
| Publisher | New Zealand's Environment Reporting Series: The Ministry for the Environment and Statistics New Zealand |
| Description | <p>This indicator measures groundwater quality in New Zealand's aquifers and how it is changing over time, based on measurements made at monitored sites. We report on nitrate-nitrogen, ammoniacal nitrogen, dissolved reactive phosphorus, chloride, conductivity and Escherichia coli (E. coli) including: - median values for the period 2014-18 - nitrate-nitrogen median values compared to a guideline value of 3 grams per cubic metre (g/m³). This value is defined as a concentration that indicates groundwater has been influenced by industrialised agriculture and is highly likely to have been impacted by human activity (per Morgenstern & Daughney, 2012 and Daughney & Reeves, 2005). - the proportion of samples from each site that have concentrations of nitrate-nitrogen or E. coli in excess of the Maximum Acceptable Values for protection of human health (Ministry of Health, 2018). More information on this dataset and how it relates to our environmental reporting indicators and topics can be found in the attached data quality pdf.</p> |
| Source | Regional councils |
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| Rights | https://creativecommons.org/licenses/by/4.0/ |
| Coverage | New Zealand |
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