

Information topic	Details
Indicator name	Household travel time by mode of transport
Domain and topic	Transport
Indicator definition and units	The amount of time spent travelling by transport mode, as a percentage of the total time spent travelling per year.
Data source	New Zealand Household Travel Survey, Ministry of Transport.
Numerator	Numerator: Hours spent travelling by travel mode per year
Denominator	Denominator: Total hours spent travelling per year
Methodology	<p>Results are presented by transport type, age and regional council area. Some council areas were amalgamated by the NZTS survey.</p> <p>For this indicator, household travel excludes professional driver trips, that is, those trips done to transport goods or people as a professional driver. It also excludes travel off-road or on private property (eg tramping, walking or driving around the farm, walking around shopping malls).</p> <p>The age groups presented for this indicator are determined by the source dataset.</p>
Time period	July 2023 – June 2024 (current methodology and expanded sample size)
Population coverage	Participating households were chosen from a number of randomly selected Census meshblocks.
Spatial Coverage	The sampling frame consists of all New Zealand households, excluding some sparsely populated remote areas in Westland, East Coast of the North Island, Southland and Northland.
Measures of frequency	Results are presented by travel mode, year, age group and region.
Confidence interval methodology	No confidence intervals have been used for this factsheet as neither intervals nor the necessary information to calculate them were included in the data source.
Limitations of indicator	<ul style="list-style-type: none"> The indicator is based on 2-day recall of survey participants. Lack of confidence intervals prevents confirming the statistical significance of apparent differences. Some people who travel often may be more difficult to contact within households, and therefore may be less likely to participate in the survey. This may slightly underestimate the amount of travel carried out.

Limitations of data source	<p>Changes in methodology and sample size mean that the 2023/24 results have been presented without comparison to previous outputs.</p> <p>Up until 2015 the survey mainly focused on a 2-day travel diary. In 2015, the methodology changed to collect 7 days of information. In 2018, they reverted to 2 days. In 2023, the sample size was expanded to allow results to be calculated for a 12-month period, instead of the previous 3-year overlapping periods.</p>
Created by	New Zealand Ministry of Transport
Related indicators	<p>Number of motor vehicles</p> <p>Active transport to and from school</p> <p>Unmet need for GP services due to lack of transport</p> <p>Road traffic injury hospitalisations and deaths</p> <p>Main mode of transport to work</p>
For more information	<p>More information on the Household Travel Survey is available from the Ministry of Transport website:</p> <p>https://www.transport.govt.nz/area-of-interest/public-transport/new-zealand-household-travel-survey</p>
References	<p>https://www.transport.govt.nz/assets/Uploads/Research/NZHTS-2021-22-Questionnaire-v6_17May2022.pdf</p>