

ACTIVE NZ DATA VISUALISATION TOOL

Frequently Asked Questions



What is the Active NZ Data Visualisation Tool?

An online tool designed to help easily access and understand data from Sport NZ's Active NZ surveys. The tool allows users to explore data in an interactive way across New Zealand and in your region.

What data is included in the tool?

Data collected from the Active NZ survey since 2017, for both young people (aged 5-17) and adults (aged 18+).

Does the tool look at trend analysis or year on year comparisons?

No. The tool only looks at point in time estimates. The data can be viewed by each year separately or as a combined set.

How does this differ from the Insights Tool?

The [Insights Tool](#) brings multiple sources of data and information together from Statistics NZ, New Zealand Secondary Schools Sports Council, Ministry of Education, Ministry of Health and Nielsen Research, including some Active NZ data.

The Active NZ Data Visualisation Tool only uses data from the Active NZ surveys.

Can the data be downloaded?

Some data is available to be downloaded. These are aggregated tables that are compiled from the underlying data. The tables are comparable to the Active NZ tables and have statistical significance applied at the same level as Active NZ.

The interactive results from the tool cannot be downloaded as these often draw from small sample sizes. To maintain integrity and confidentiality these results cannot be exported.

How reliable are the results?

The results are drawn from Active NZ survey respondents (a sample of New Zealanders surveyed each year on the electoral roll through our research partner, Nielsen), making the results very reliable. However, filtering to low levels often causes small samples sizes. Where this occurs, a flag has been populated. These appear in the box by hovering over the data.

Flags indicate when sample sizes are:

- 1) acceptable (100 or more)
- 2) small (<100 to 60)
- 3) very small (<60 to 30)
- 4) extremely small (<30)

For all results that are less than 100, caution is advised when interpreting the results. The results should be thought of as indicative only.

Are the results in the tool statistically significant?

No. The tool is a data visualisation tool, not a statistical software package and cannot do many statistical analyses. Additionally, statistical significance would not be valid in a “slice and dice” (e.g. several filter) application. There would be too many individual tests and hence large probability of false positives, as well as low “statistical power” with small cells that may bias results. This is why above and below average were chosen as measures.

The tool is designed to easily represent and display data so that users get a general idea of what the data is telling them. The data that is available for download will have statistical significance applied as these are more aggregated.

Which results are weighted and unweighted?

Results are weighted to account for biases in the sample design and to adjust the sample to represent the New Zealand population. In the tool, all results are weighted unless otherwise specified.

For more information on weighting see the [Active NZ Technical Report](#).

Where can I find more information?

For more information regarding the Active NZ survey including the main report, more expansive data tables and the technical report, visit sportnz.org.nz/activenz.

For more information or help regarding the Active NZ Data Visualisation Tool, please email insights@sportnz.org.nz.