

The New Zealand Data System: Insights from Government

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Chief Executive Stats NZ, Government Statistician,
Government Chief Data Steward

Overview



- Government Chief Data Steward (GCDS)
- Government Data Strategy and Roadmap
- 5 cross-cutting themes for the govt data system
- New data and statistics legislation
- FoPaSS: away from traditional forms of collection
- Data Ventures



Government Chief Data Steward (GCDS)

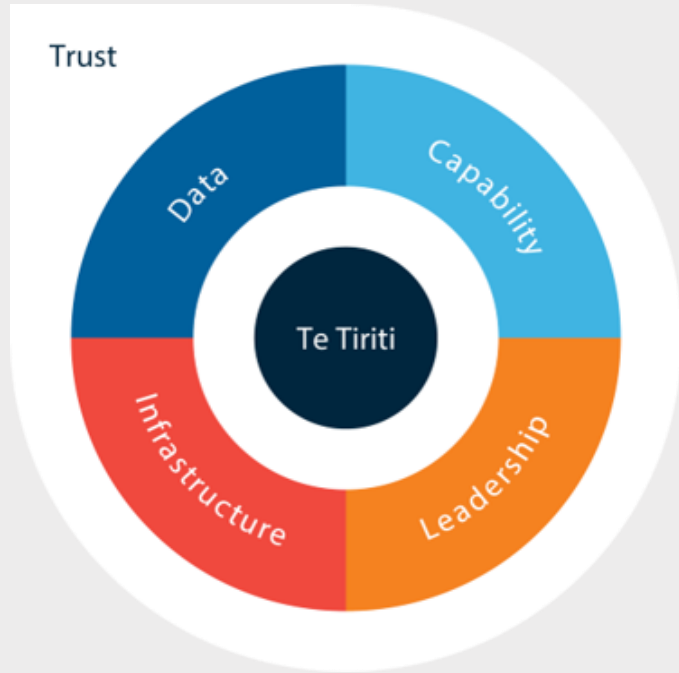
Foundations

- Embedding **common data capabilities**, tools, standards
- Directive role in data **investment** planning
- Reporting on the **health of the data system**

Future areas of focus

- Embedding **data ethics** in management, collection and use across govt
- Supporting the data system to **deliver for and with Māori**
- **Further collaboration beyond govt**

Government Data Strategy and Roadmap



Resetting our direction to collectively build an inclusive and integrated data system.

5 cross-cutting themes for the Government data system

- Trust and Confidence
- Iwi/Māori data
- Investment
- Capability/capacity
- Data access and sharing



Highlights of 2022: Data and Statistics Act

- Modernisation of existing legislation
- Improved research access/transparency obligations
- Recognises indigenous rights and interests
- System leadership opportunities
- Flexible enforcement



Future of Population and Social Statistics

← CHALLENGES →

← OPPORTUNITIES →



INCREASING
DEMAND

Increased demand for more granular data, more timely data, and more insights for specific populations (eg iwi, Pacific, homeless people)



INCREASING
COSTS

High and increasing costs for traditional census and surveys,



DECLINING
PARTICIPATION

Responses to traditional census and surveys are harder to get



INTEGRATED
DATA

Structural barriers to producing official stats outputs from integrated data



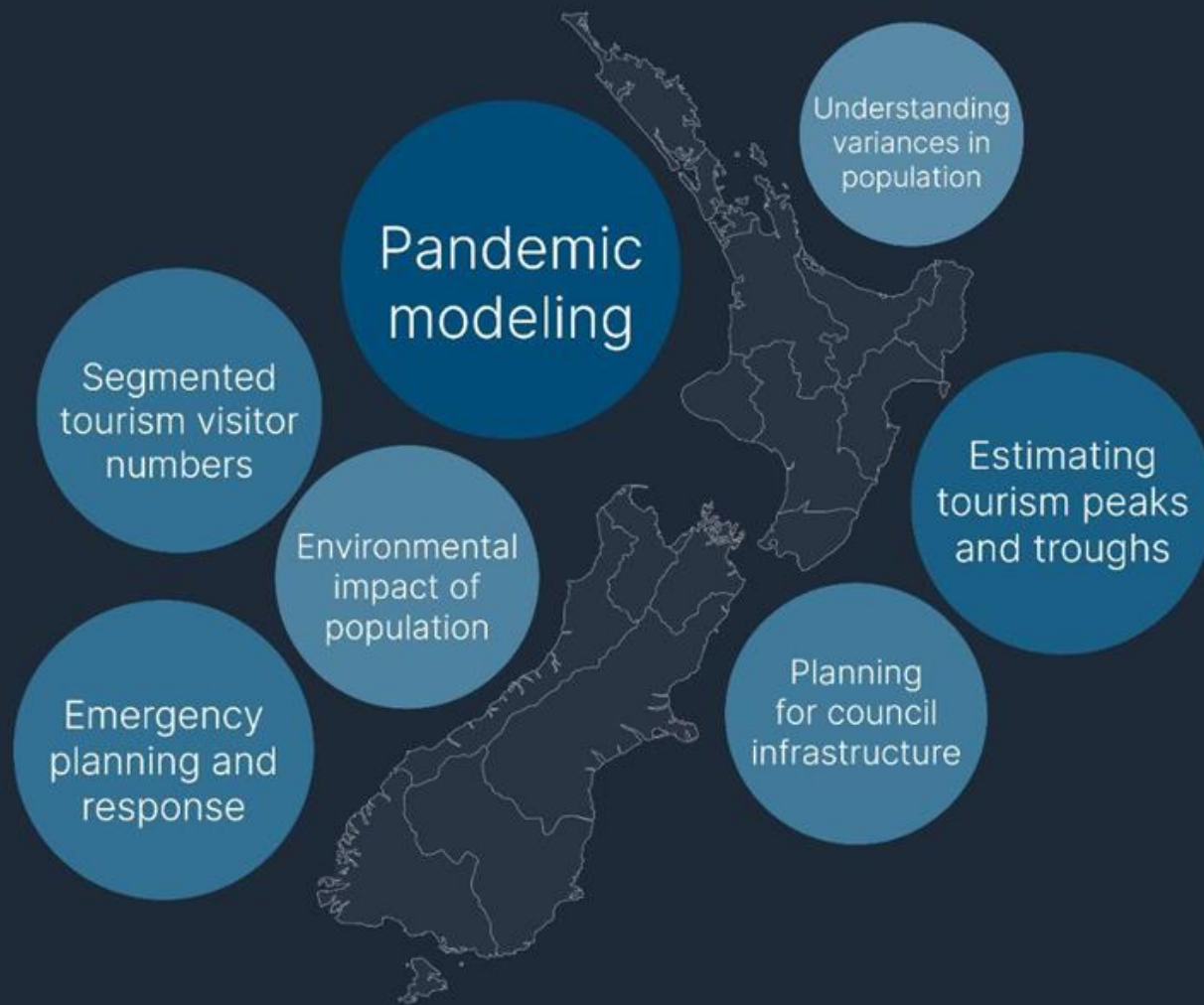
VALUE
ADD

Untapped potential for statistical models to add value

Our first product

A new look at NZ's population.

Population Density captures the number of people who work, live, and play in a given area every hour.



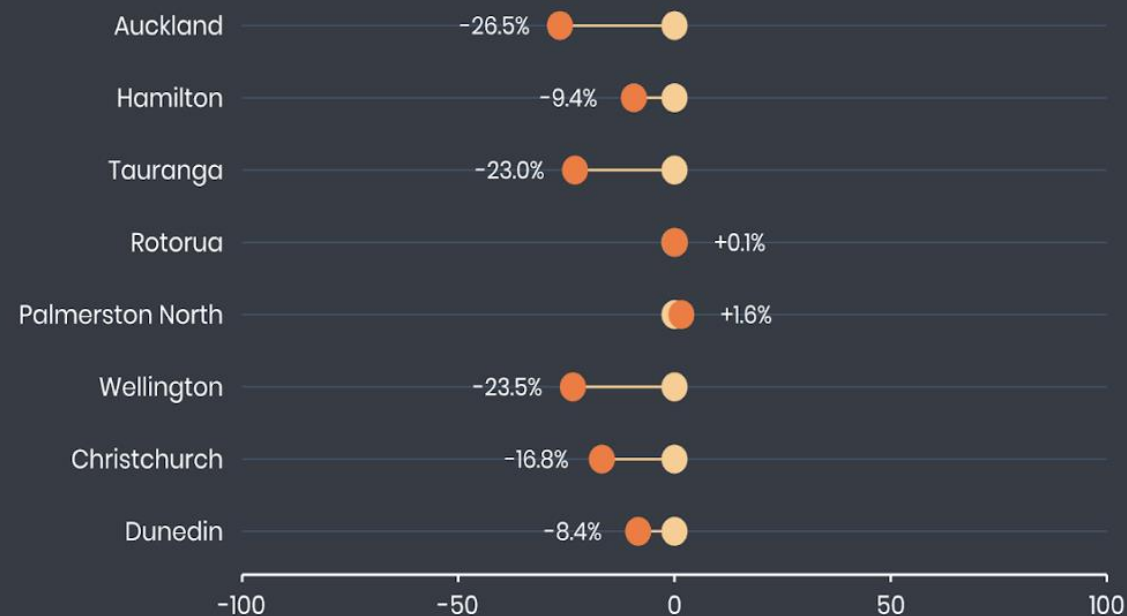
The change in population mobility across CBDs last week compared to before COVID-19.

Here, we compare mobility last week to a normal week a year ago. This gives us a snapshot of how many people are coming and going in the CBDs now compared to before COVID.

Our mobility measure is created using the difference between maximum and minimum population estimates in New Zealand CBDs over a day.

NOTE: Comparisons to the previous year are based on a four-week rolling average for the same period.

1 WEEK AGO v NORMAL WEEK 1 YEAR AGO



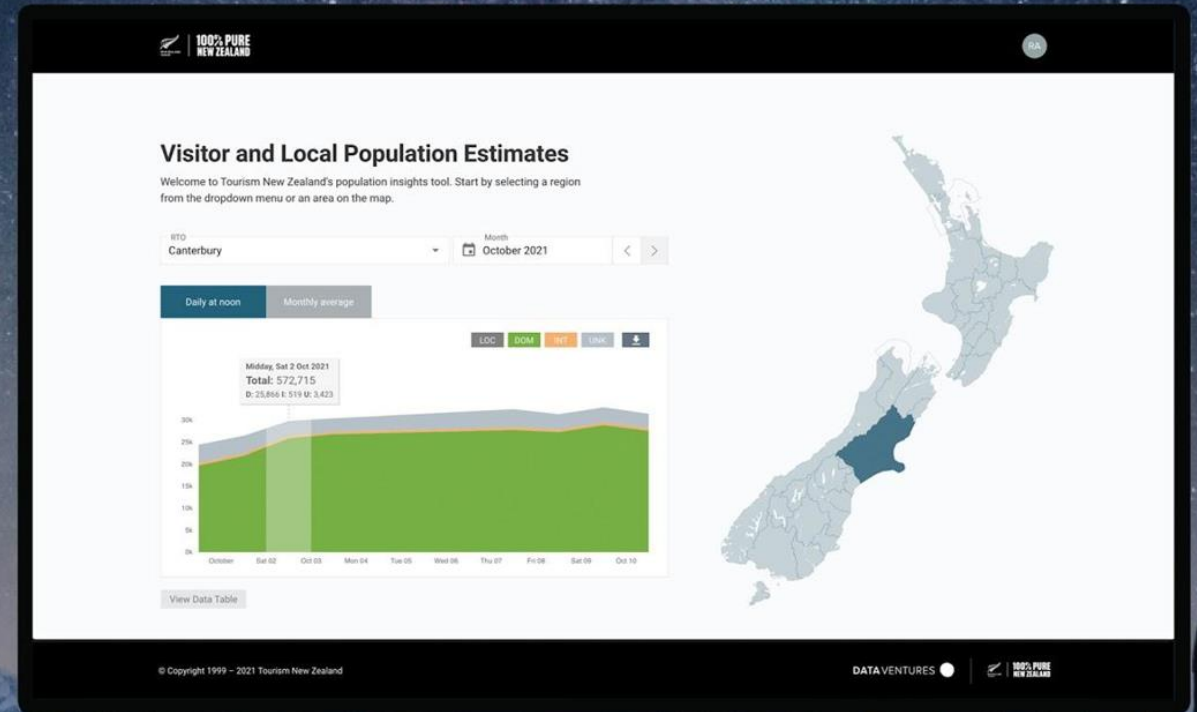
Tourism NZ insights tool

The tool allowed stakeholders the ability to understand the new trends of international, local and domestic visitation at a monthly level.



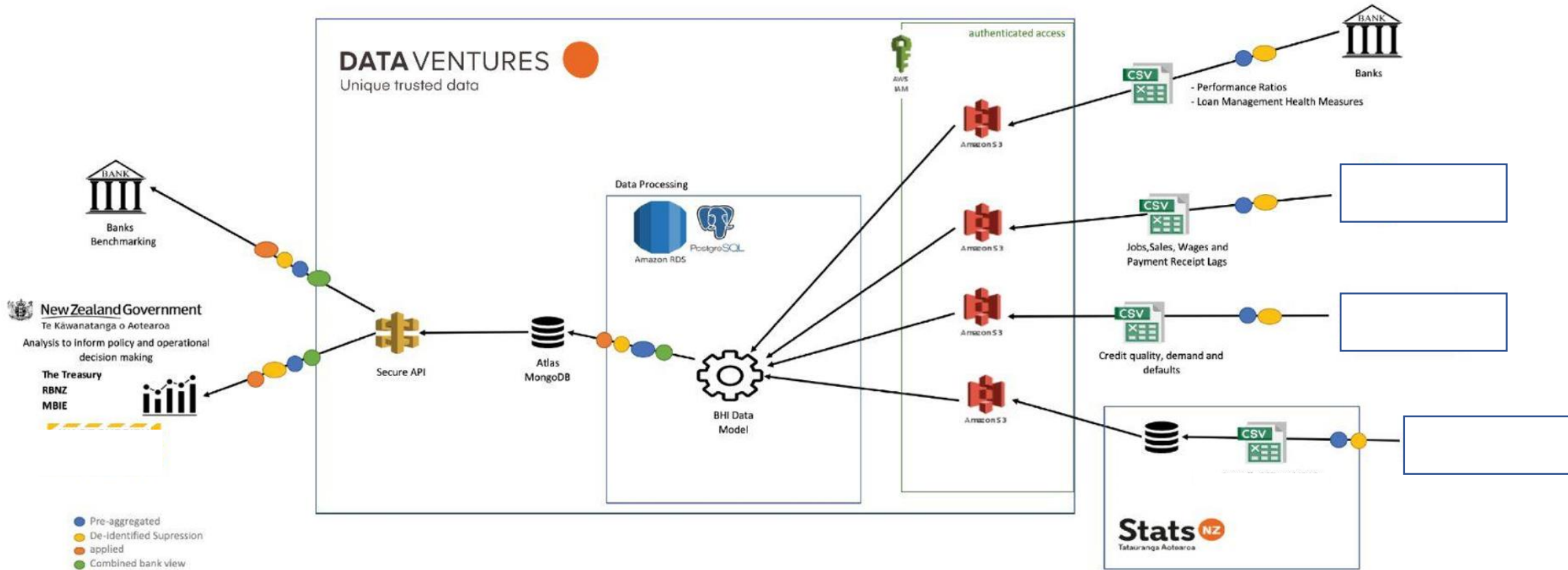
NEW ZEALAND
TOURISM

100% PURE
NEW ZEALAND



<https://tourismnz.dataventures.nz>

Business Health Index



**Let's work
together**



E noho rā

Farewell

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