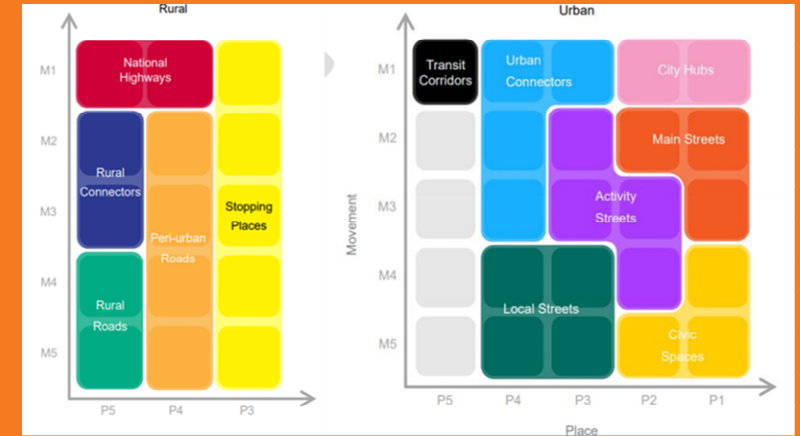


Transport Insights

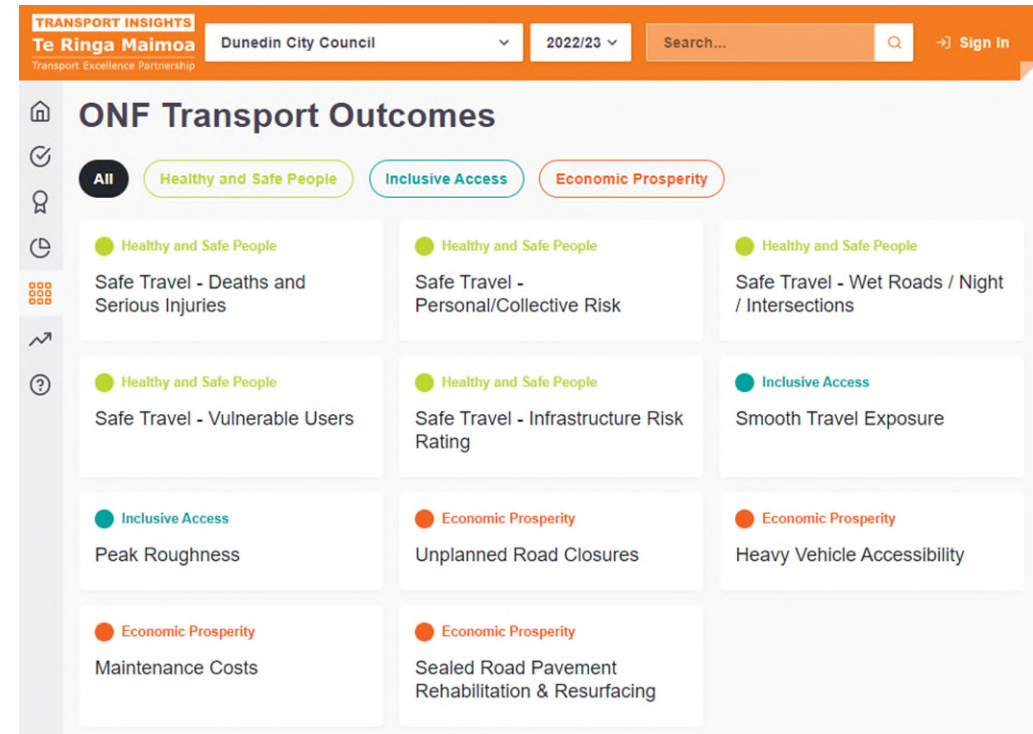
One Network Framework

ONF Performance Measure Reporting Capability

May 2023



- ONF Performance Measure reporting is now available to support TLA 2024-34 AMP development.
- ONF Performance Measure reporting pages span three Transport Outcomes: Healthy and Safe People, Inclusive Access, and Economic Prosperity.
- New pages include network and ONF Street Category reporting, multi-dimensional views, trends, and comparatives with other RCAs, Regions, Peer Groups & National.
- All pages provide toggles to choose alternative views of measure results.
- Every ONF page contains a measure description and links to guidance.
- Access it: [Te Ringa Maimoa Transport Insights](#)



ONF Performance Measures in Transport Insights

The screenshot displays the 'ONF Transport Outcomes' page for Dunedin City Council in the 2021/22 period. The page is organized into a grid of 12 outcome cards, each representing a different performance measure. The cards are grouped by category: 'Healthy and Safe People' (green), 'Inclusive Access' (teal), and 'Economic Prosperity' (orange). The 'ONF' menu item is highlighted in the left-hand navigation.

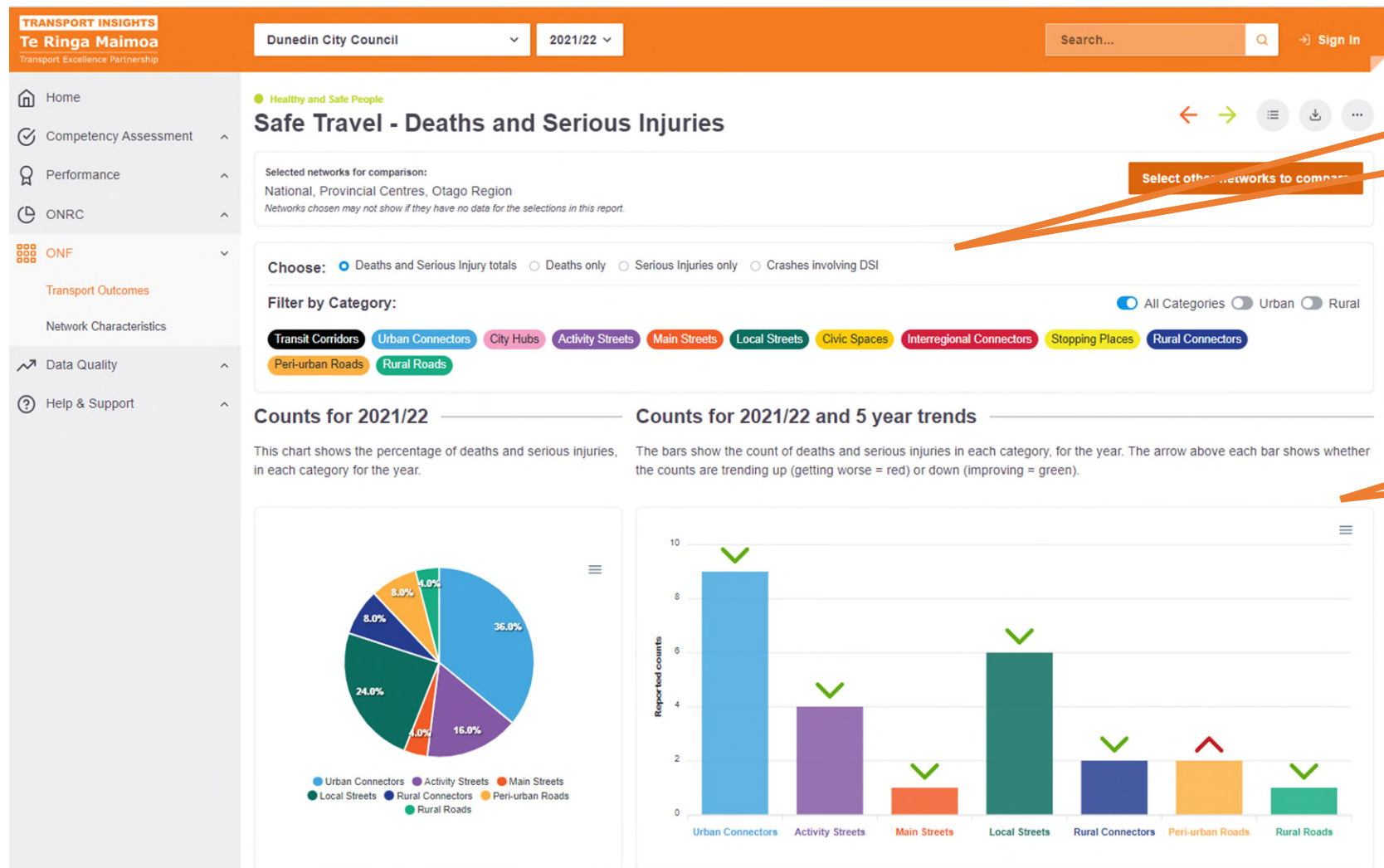
Category	Outcome
Healthy and Safe People	Safe Travel - Deaths and Serious Injuries
Healthy and Safe People	Safe Travel - Personal/Collective Risk
Healthy and Safe People	Safe Travel - Wet Roads / Night / Intersections
Healthy and Safe People	Safe Travel - Vulnerable Users
Healthy and Safe People	Safe Travel - Infrastructure Risk Rating
Inclusive Access	Smooth Travel Exposure
Inclusive Access	Peak Roughness
Economic Prosperity	Unplanned Road Closures
Economic Prosperity	Heavy Vehicle Accessibility
Economic Prosperity	Maintenance Costs
Economic Prosperity	Sealed Road Pavement Rehabilitation & Resurfacing

All ONF pages are available via Open Access; no need to log in.

Available for all RCAs, Regions, Peer Groups, and National.

Select the page with the measure/s you wish to see.

Deaths and Serious Injuries

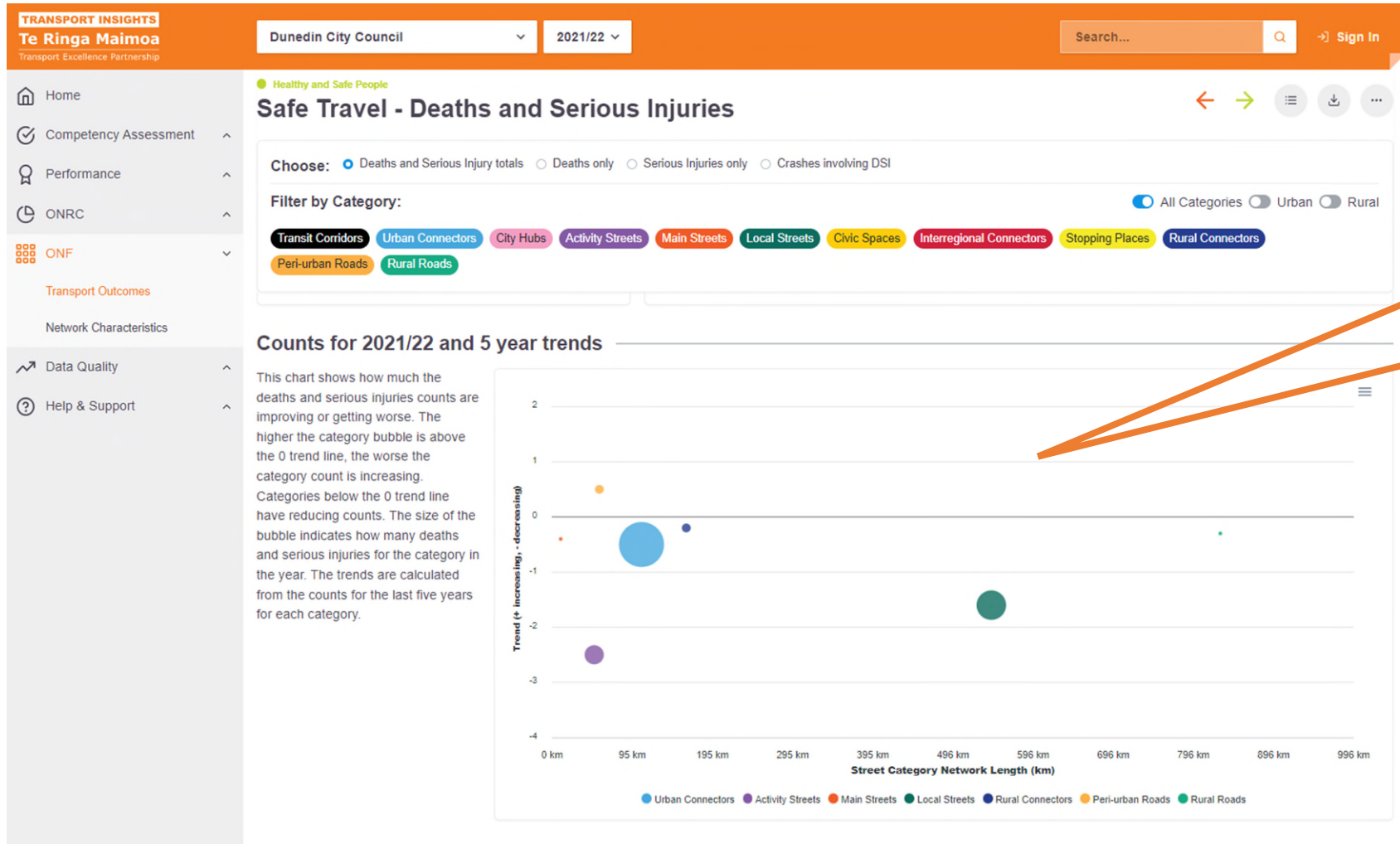


Toggles to show results for DSI and also the DIA Crash Count measure.

View summary results by ONF Category, including trend direction.

Multi-dimensional, trends, and comparative results below.

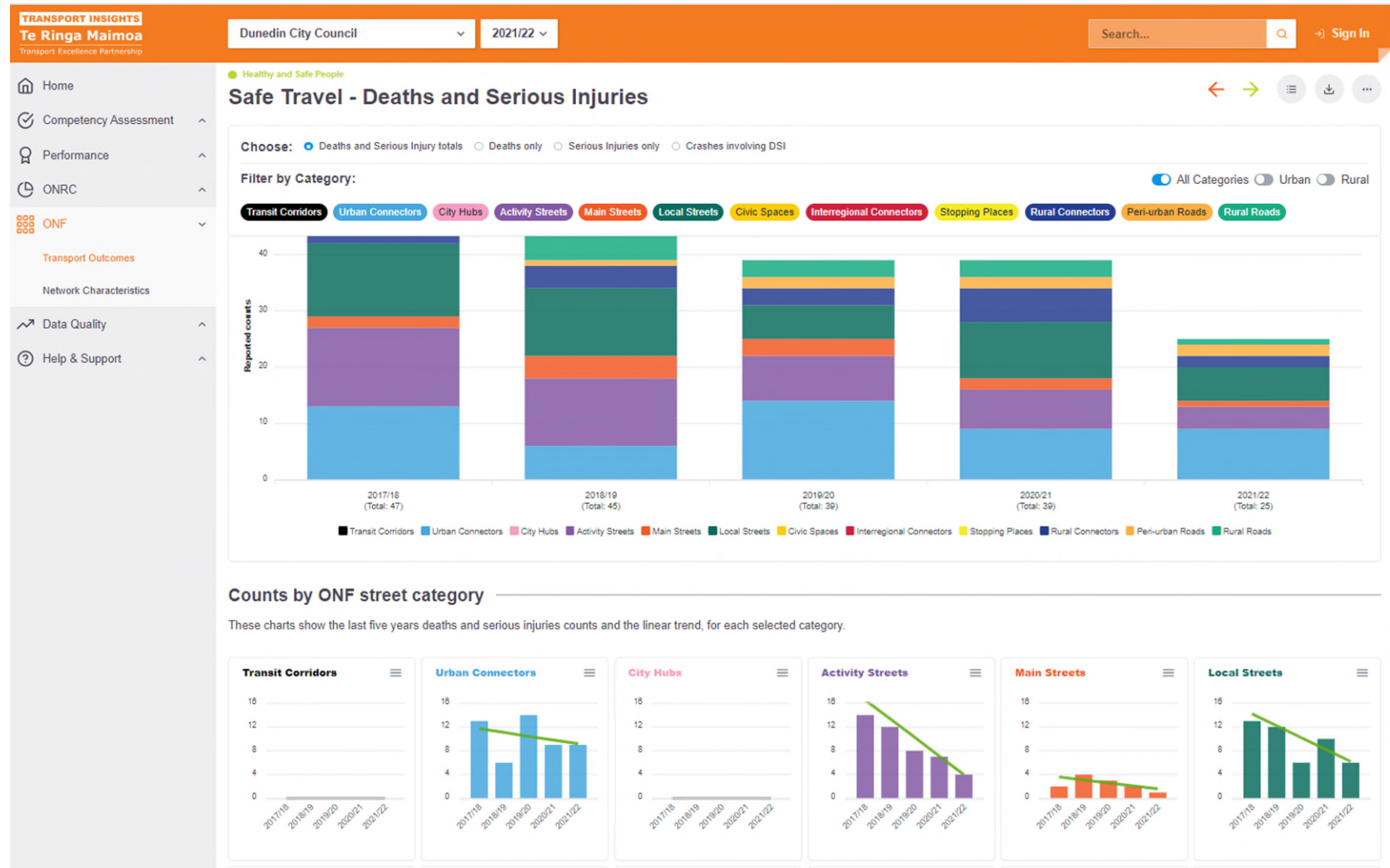
Multi-dimensional reporting



All ONF pages include multi-dimensional reporting using bubble charts, with one bubble per ONF category.

On the DSI page, the bubble size indicates the number of DSI in the category. Other pages show VKT in the bubble size.

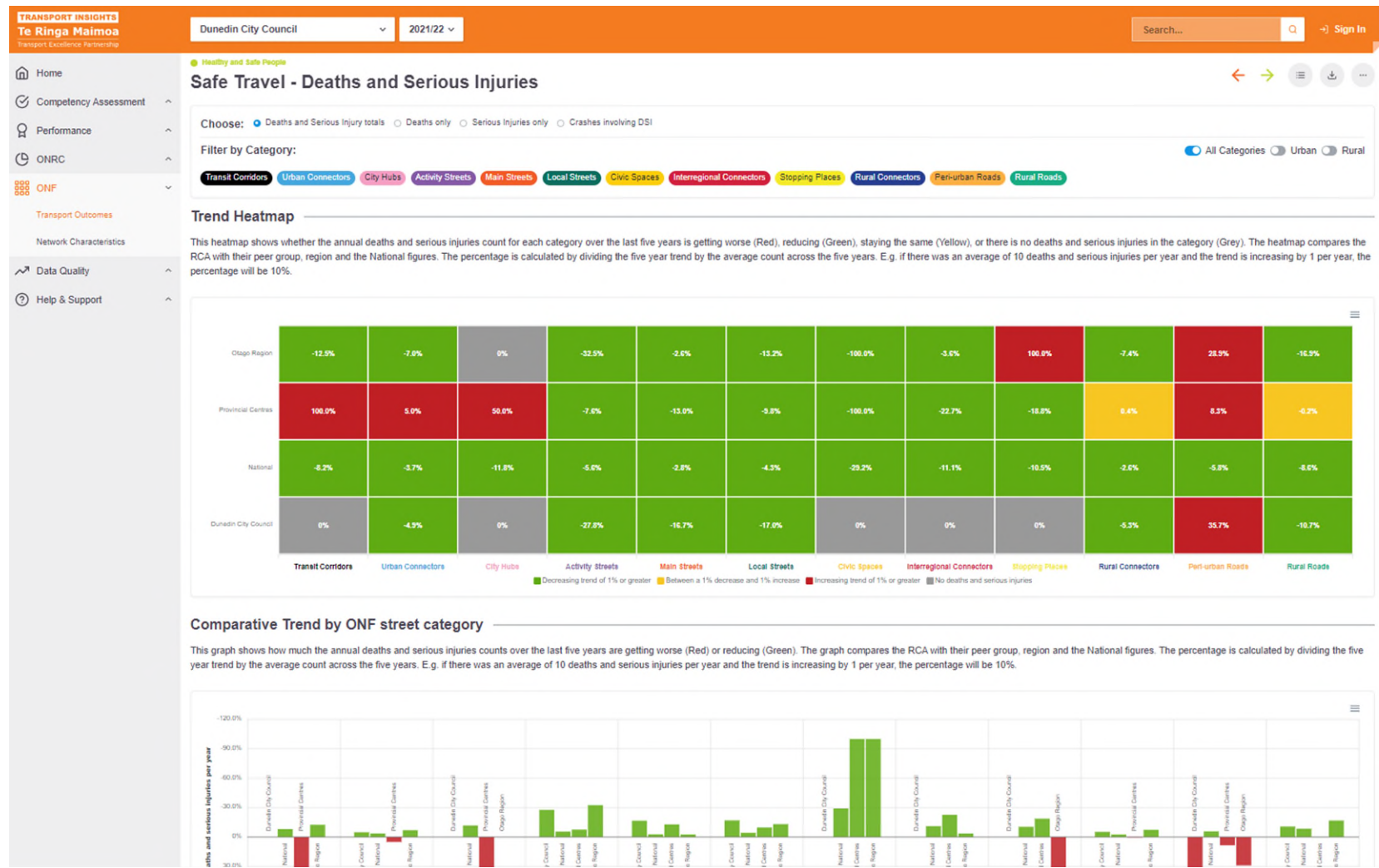
Trend reporting



Most ONF pages include 5-year trend reporting. DSI shows the stacked annual totals for the selected ONF categories.

Most pages show the trend of results for each ONF category.

Comparative reporting



All ONF pages provide comparative reporting of your network with other RCAs, Regions, Peer Groups, and National.

DSI provides a comparative heatmap as well as bar graphs to compare your results.

Personal Risk and Collective Risk

The screenshot shows a dashboard for 'Safe Travel - Personal/Collective Risk' for Dunedin City Council in 2021/22. It includes a navigation menu on the left, a top header with search and sign-in options, and a main content area with filters and two charts.

Selected networks for comparison: National, Provincial Centres, Otago Region

Choose: Personal Risk Collective Risk

Filter by Category: All Categories Urban Rural

Categories: Transit Corridors, Urban Connectors, City Hubs, Activity Streets, Main Streets, Local Streets, Civic Spaces, Interregional Connectors, Stopping Places, Rural Connectors, Peri-urban Roads, Rural Roads

Average annual reported crashes and trend in crashes

This chart shows for each ONF street category, the number of crashes involving deaths and serious injuries per 100M vehicle kilometres travelled (VKT), averaged over ten years. The arrow above each bar shows the direction of the trend for each ONF street category.

Street Category	Reported crashes per 100M VKT	Trend
Urban Connectors	~5.5	Down
Activity Streets	~10.0	Up
Main Streets	~19.5	Down
Local Streets	~12.0	Up
Rural Connectors	~9.5	Down
Peri-urban Roads	~8.0	Up
Rural Roads	~11.0	Down

VKT % per ONF Street Category

This chart shows the percentage of VKT per ONF Street Category, for categories that have recorded crashes.

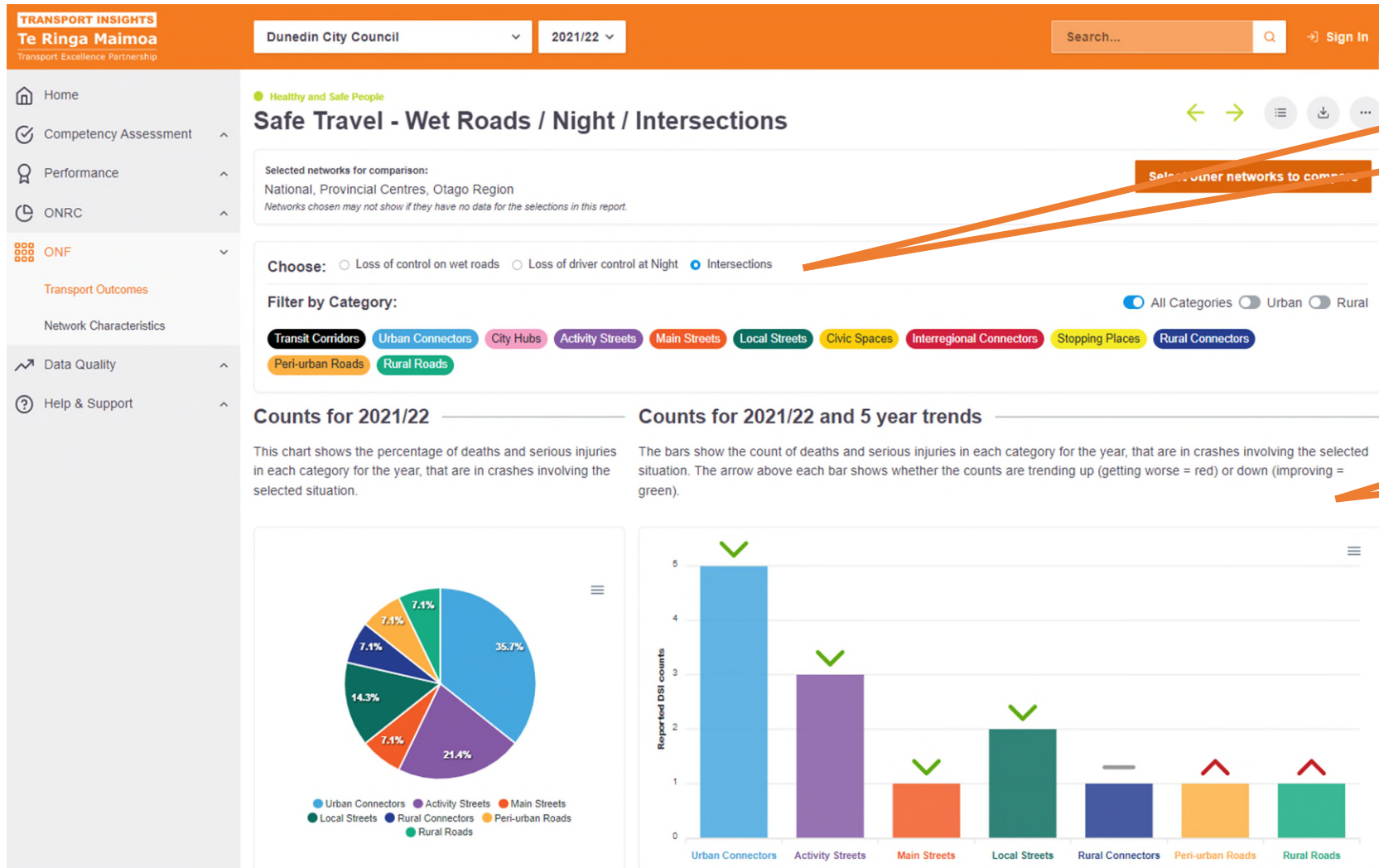
Street Category	VKT %
Urban Connectors	41.3%
Local Streets	19.3%
Activity Streets	17.6%
Rural Roads	9.9%
Peri-urban Roads	7.2%
Main Streets	4.4%
Rural Connectors	4.4%

Toggle on the one page to report on each of the two measures.

All ONF pages have more simple views at the top of the page.

Moving to multi-dimensional, trends, and comparative results below.

Wet Roads, Night, Intersections



Toggle to report on each of the measures.

View summary results by ONF Category including trend direction.

Multi-dimensional, trends, and comparative results below.

Vulnerable Users

TRANSPORT INSIGHTS
Te Ringa Maimoa
Transport Excellence Partnership

Dunedin City Council | 2021/22 | Search... | Sign In

Home | Competency Assessment | Performance | ONRC | ONF | Transport Outcomes | Network Characteristics | Data Quality | Help & Support

Safe Travel - Vulnerable Users

Selected networks for comparison: National, Provincial Centres, Otago Region

Choose: All Bicycle Equestrian Moped Motor Cycle Pedestrian Crossing Road Wheeled Pedestrian Other Pedestrian

Filter by Category: All Categories Urban Rural

Transit Corridors | Urban Connectors | City Hubs | Activity Streets | Main Streets | Local Streets | Civic Spaces | Interregional Connectors | Stopping Places | Rural Connectors | Peri-urban Roads | Rural Roads

Vulnerable User counts for 2021/22

This chart displays the breakdown of crashes involving a selected type of vulnerable user, by category and percentage for the year.

Category	Percentage
Urban Connectors	50.0%
Activity Streets	12.5%
Local Streets	25.0%
Peri-urban Roads	12.5%

Vulnerable User counts for 2021/22 and 5 year trends

This chart illustrates the number of crashes involving a chosen type of vulnerable user, broken down by category for the year. Red arrows indicate an increase in accidents, while green arrows indicate a decrease.

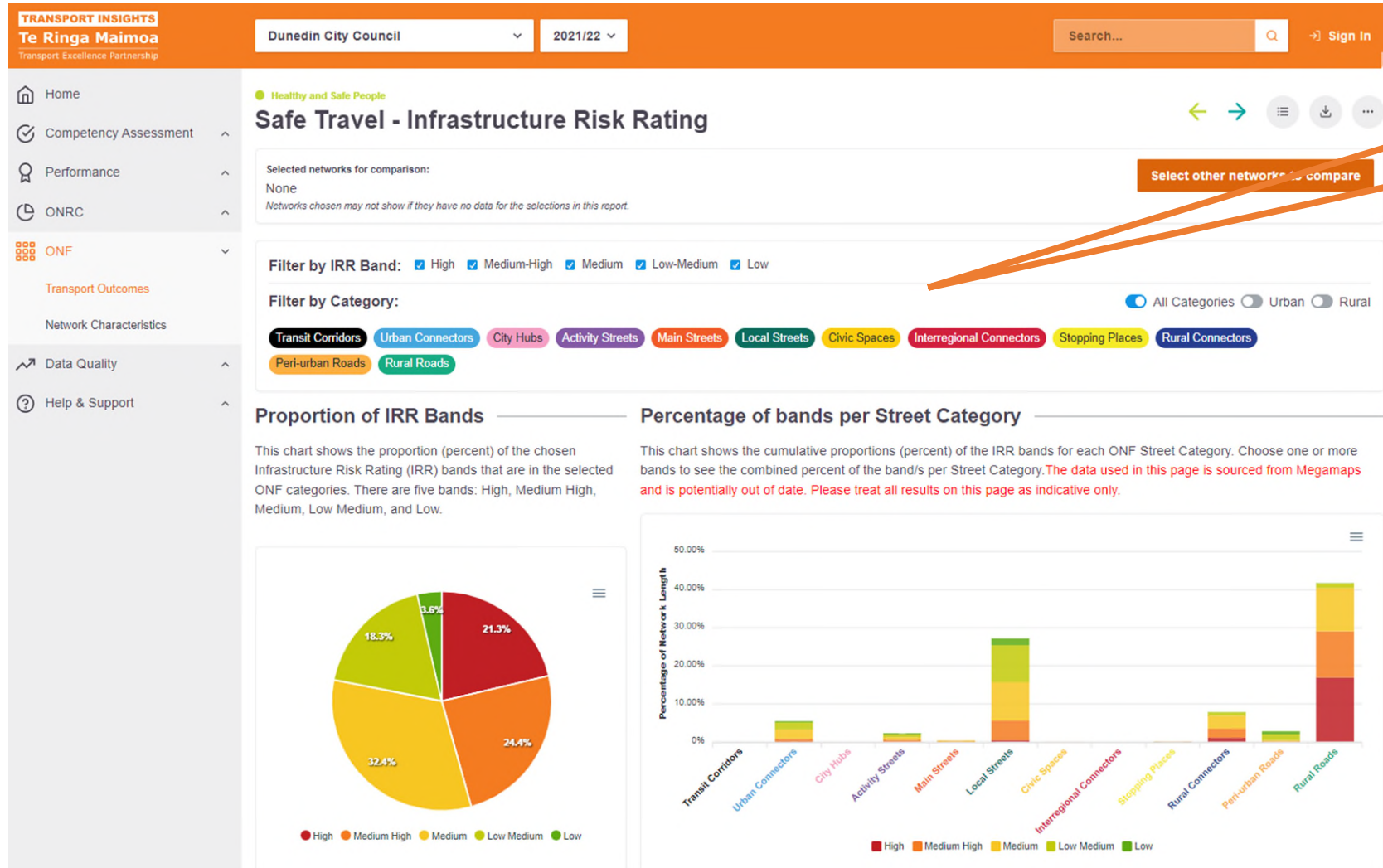
Category	Reported crash counts	Trend
Urban Connectors	4.0	Decrease (Green checkmark)
Activity Streets	1.0	Decrease (Green checkmark)
Local Streets	2.0	Increase (Red checkmark)
Peri-urban Roads	1.0	No change (Grey dash)

All ONF pages have options to step through pages and download a CSV of the results.

Toggle to select which type of vulnerable user to see the results for.

On all ONF pages, choose which ONF street categories to report on.

Infrastructure Risk Rating

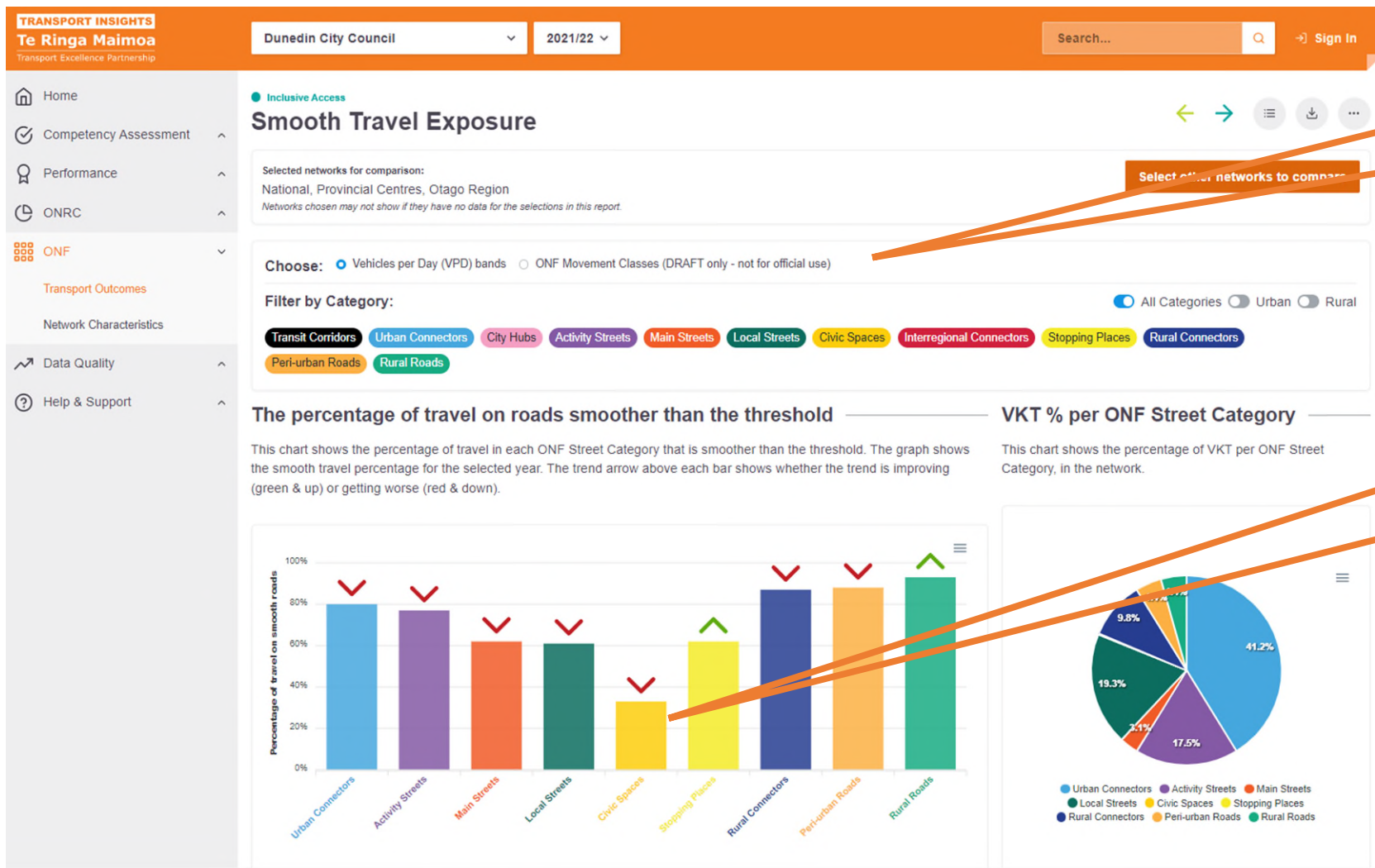


Choose which IRR band/s you wish to see the results for.

Shows the percentage of bands for the network and per ONF Category.

Multi-dimensional and comparative results are below.

Smooth Travel Exposure

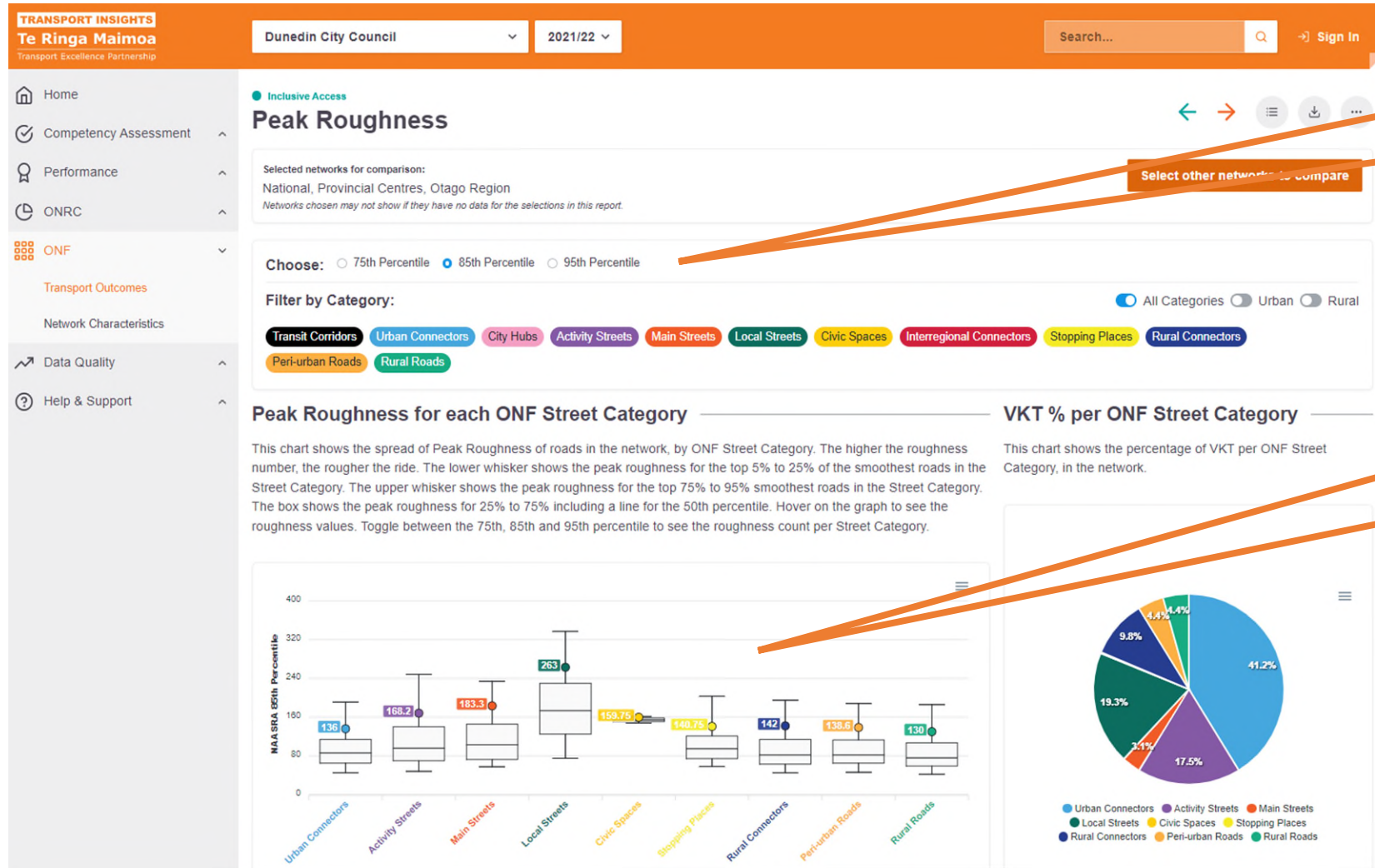


VPD results and also STE using thresholds on ONF Movement Classes.

The bar graph with trend arrows highlights ONF Categories with low STE.

Multi-dimensional, trends, and comparative results are below.

Peak Roughness



Choose between the 75th, 85th and 95th percentile for reporting.

Shows the spread of peak roughness per ONF category for the network.

Multi-dimensional, trends, and comparative results are below.

Unplanned Road Closures



Unplanned closures in the RAMM Road Closures and Restrictions UDT will be reported on this page.

Toggle between no detour and with a detour.

Hover on the bars to see the journeys affected by different Causes.

Heavy Vehicle Accessibility

TRANSPORT INSIGHTS
Te Ringa Maimoa
Transport Excellence Partnership

Dunedin City Council | 2022/23 | Search... | Sign In

Economic Prosperity
Heavy Vehicle Accessibility

Selected networks for comparison:
National, Provincial Centres, Otago Region
Networks chosen may not show if they have no data for the selections in this report.

Choose: Class 1 Heavy HPMV 50MAX

Filter by Category: All Categories Urban Rural

Transit Corridors Urban Connectors City Hubs Activity Streets Main Streets Local Streets Civic Spaces Interregional Connectors Stopping Places Rural Connectors
Peri-urban Roads Rural Roads

Heavy Vehicle Accessibility | **Heavy Vehicle Accessibility by ONF Street Category**

This chart shows the overall percentage of the network that is available and unavailable to the selected class of heavy vehicle.

The bars show the percentage of the overall network that is not accessible to the selected heavy vehicle class, for each ONF Street Category.

100.0%
● Unavailable ● Available

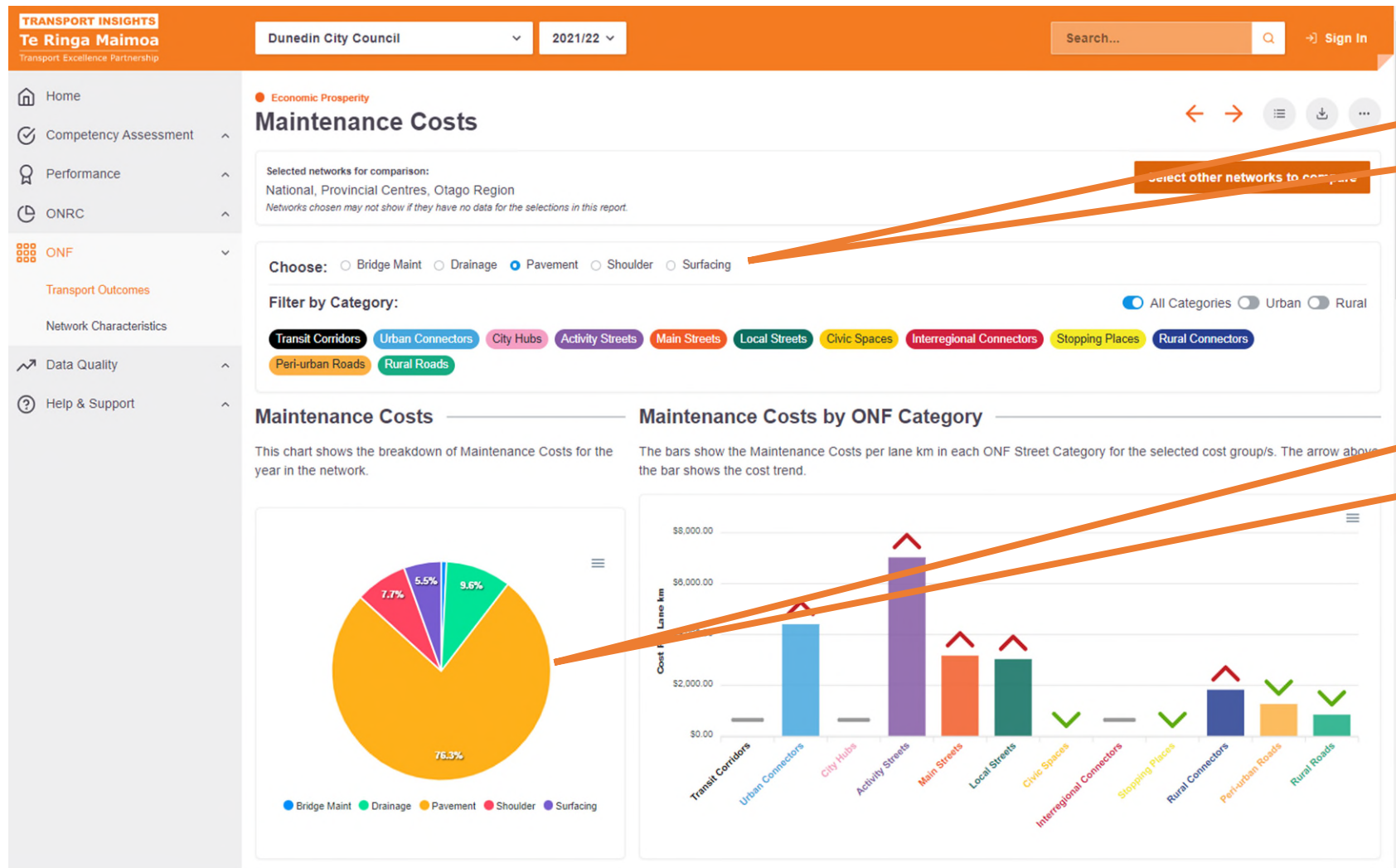
Percentage of Network Unavailable

Transit Corridors Urban Connectors City Hubs Activity Streets Main Streets Local Streets Civic Spaces Interregional Connectors Stopping Places Rural Connectors Peri-urban Roads Rural Roads

Permanent restrictions recorded in the RAMM Road Closures and Restrictions UDT will be reported on this ONF page.

Toggle between Class 1 Heavy, HPMV and 50MAX. These are options in the UDT.

Maintenance Costs

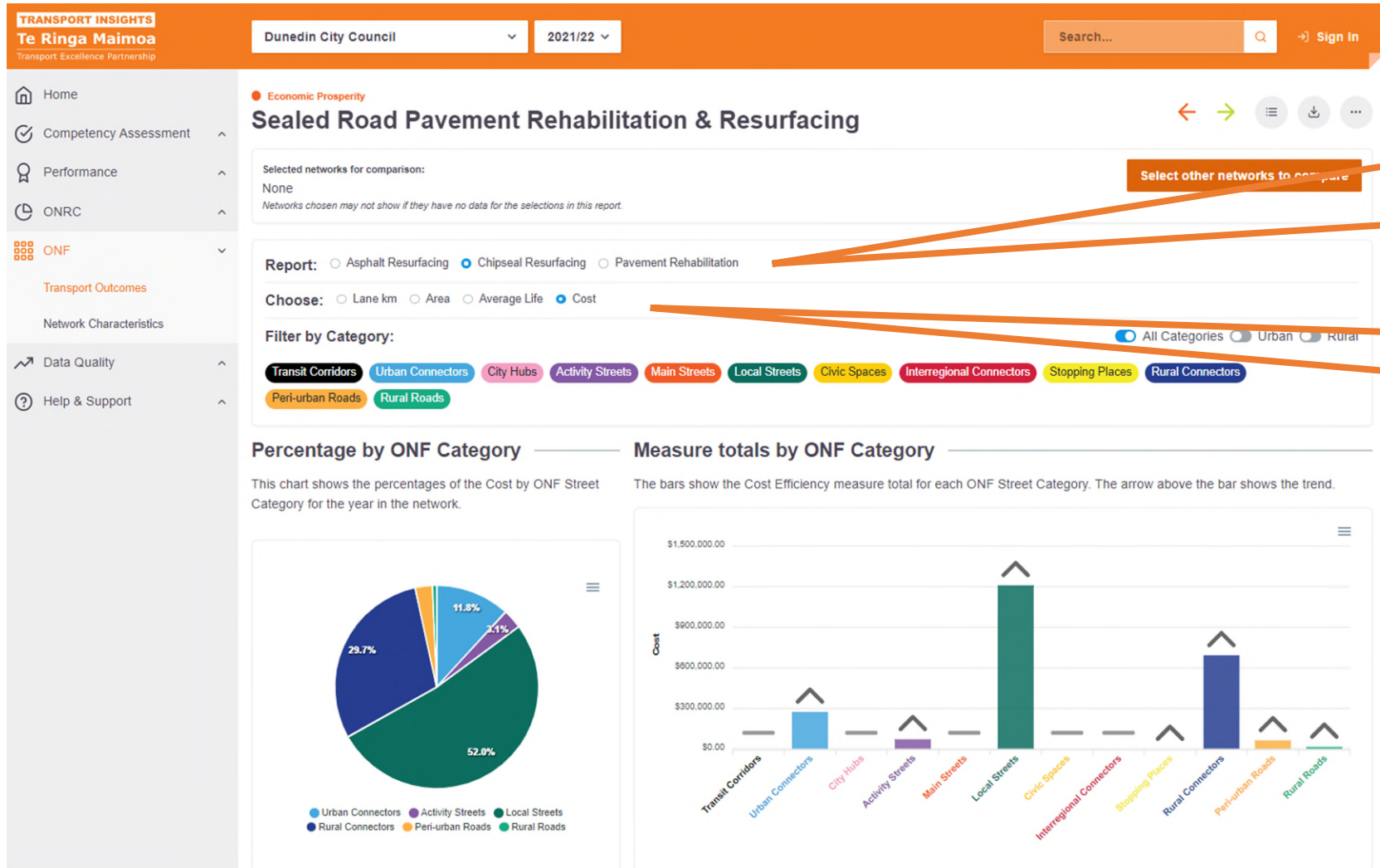


Choose which cost category to show results for.

Shows the spread of cost categories for the network for the year.

Multi-dimensional, trends, and comparative results are below.

Sealed Road Pavement Rehabilitation & Resurfacing

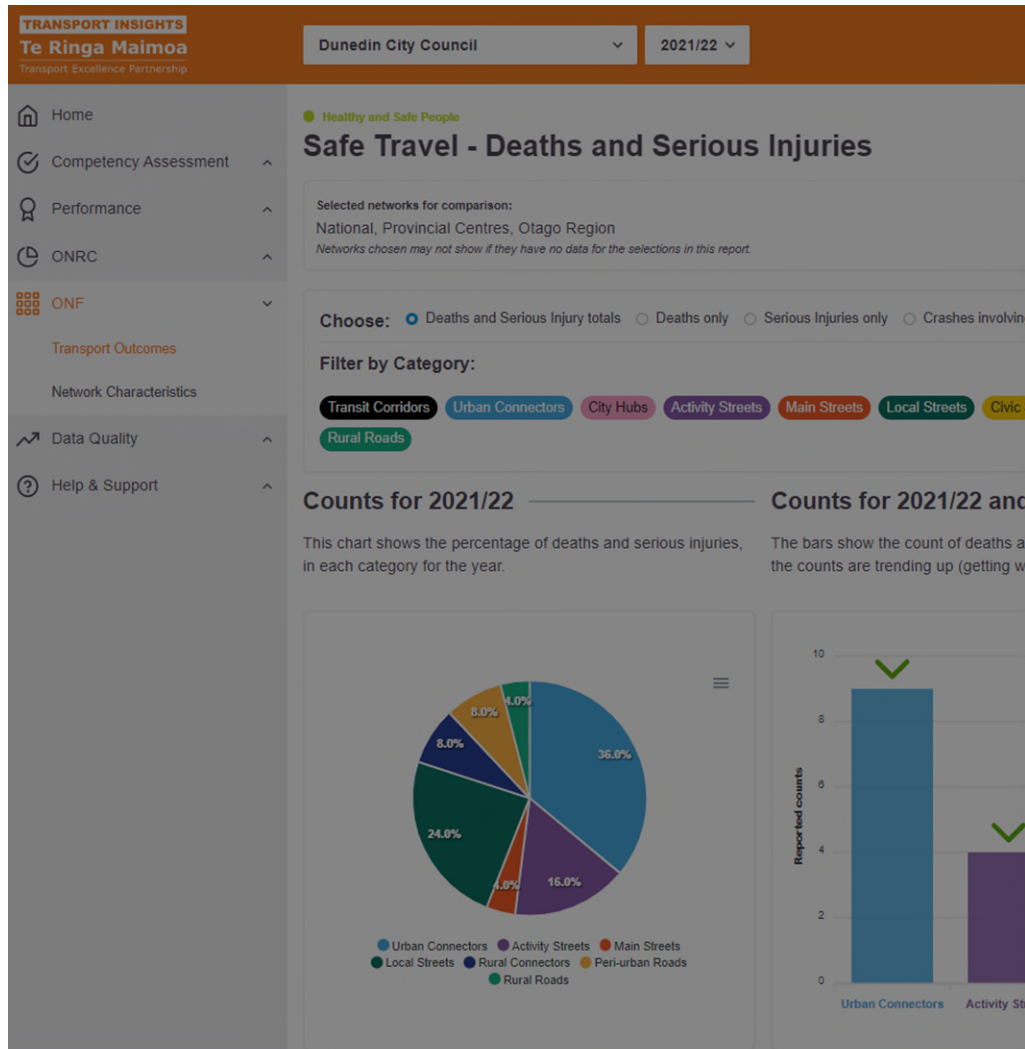


Toggle between Asphalt Resurfacing, Chipseal Resurfacing and Pavement Rehabilitation.

Toggle between Length, Area, Cost and Average Life.

Multi-dimensional, trends, and comparative results are below.

Additional Information



Relevant Links

[Performance Dashboard: Safety](#)

- Measure Description
- Important Links
- Data Quality

Data Confidence

Dunedin City Council
100%

Each page has a flyout with a measure description, relevant data quality results, and additional information and links.

Shows a Data confidence gauge for the data quality metrics relevant to the measure.