

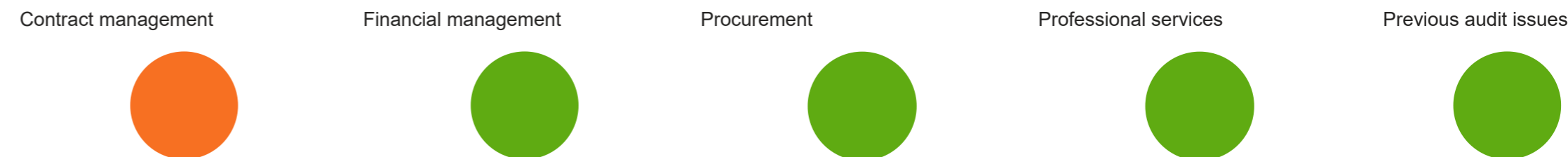


Co-Investor Assurance

Investment Performance

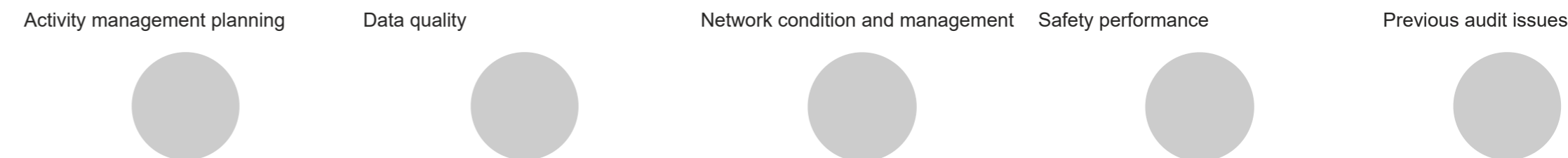
Four grades: ● Effective ● Some improvement needed ● Significant improvement needed ● Unacceptable ● Not available
Three grades: ● Effective ● Improvement needed ● Unacceptable ● Not available

Procedural Audit (Four Grades)



Source: Waka Kotahi, Audit and Assurance, Procedural Audit Report Aug-19

Technical Audit (Four Grades)



Source: Waka Kotahi, Audit and Assurance, Technical Audit Report

Activity Management

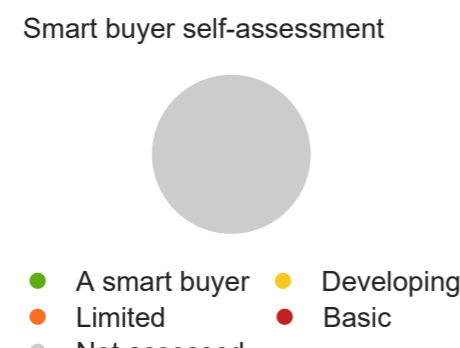
Planning, Procurement and Data Quality

Activity Management Planning



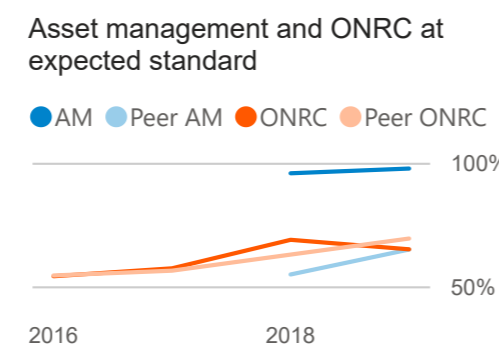
Source: REG 2018 AMP Assessment, Waka Kotahi 2018 AMP Assessment

Procurement



Source: RCA Smart Buyer Self-Assessment

Data Quality



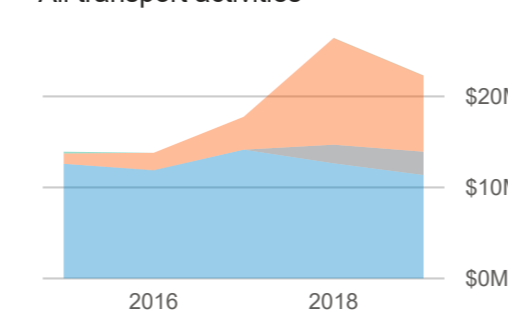
Source: REG Annual Data Quality Assessment

Delivery and Achievements

Expenditure, Cost Efficiency, Works Completed and Road Condition

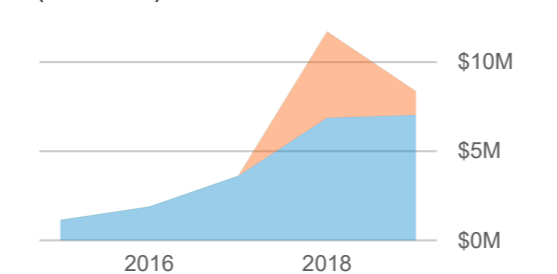
Co-Invested Expenditure

All transport activities



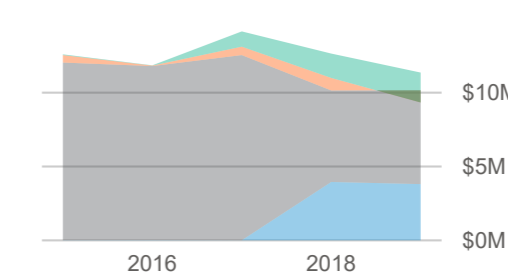
● Road maintenance ● Walking and cycling
● Road improvement ● Other

New roads and road improvements (>\$1M ea)



● Minor improvements (low cost, low risk) ● Resilience and improvements ● Roads and bridges
● Other

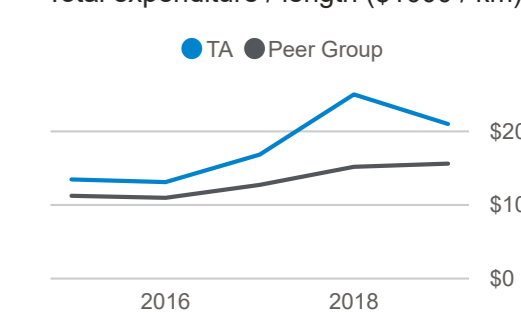
Road maintenance, operations and renewals



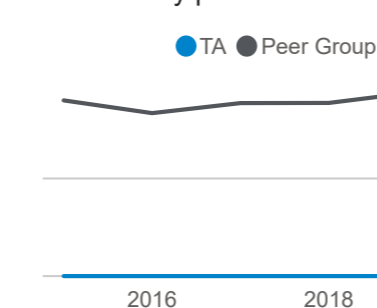
● Corridor, environment and drainage ● Pavement and seal ● Emergency
● Other

Cost Efficiency

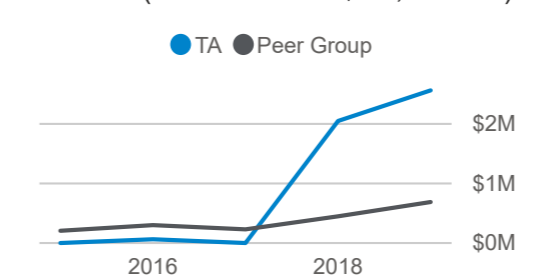
Total expenditure / length (\$1000 / km)



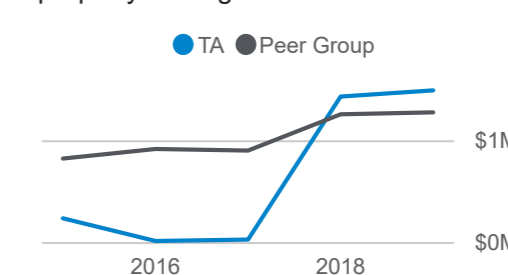
Road safety promotion



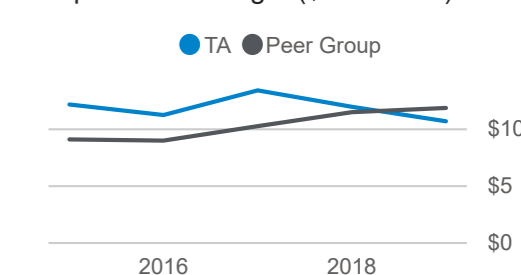
New and improved walking and cycling facilities (excl. low cost <\$1M, low risk)



Investment management, network and property management



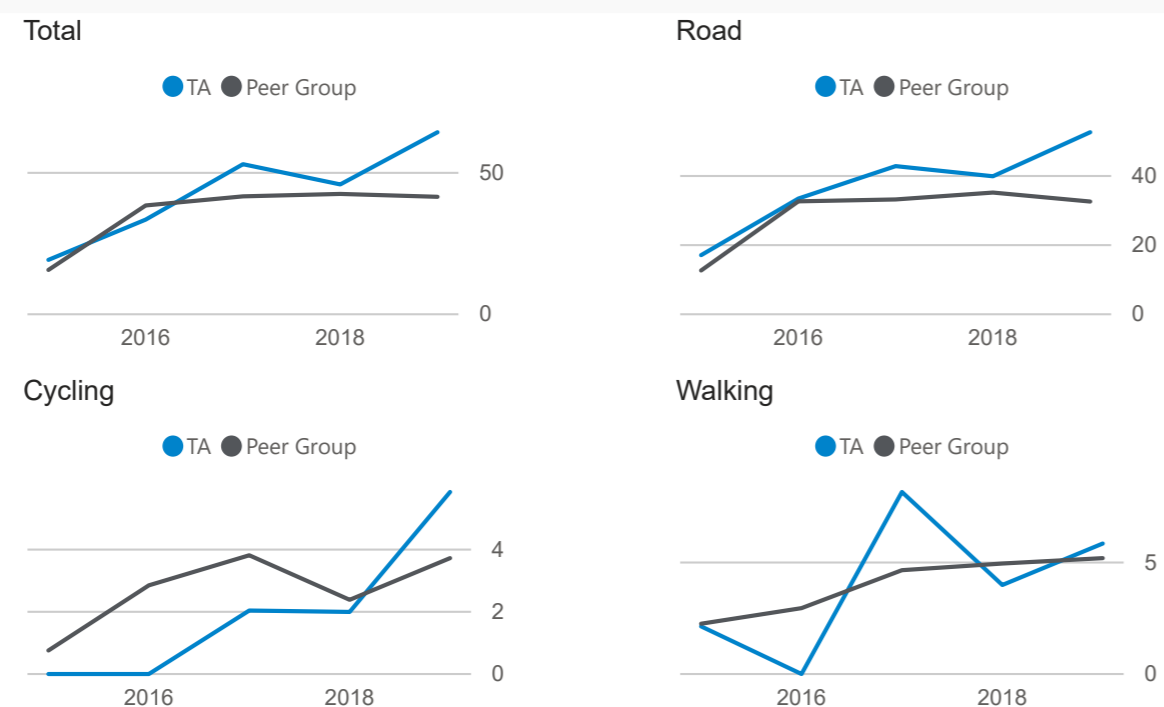
Maintenance, operations and renewals expenditure / length (\$1000 / km)



Transport Outcomes

Healthy and Safe People

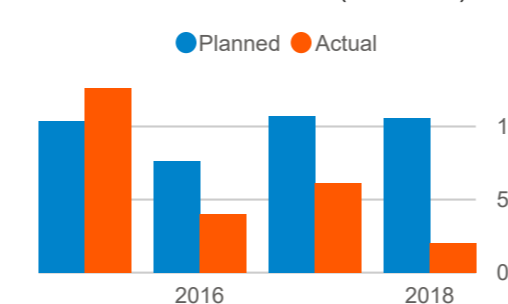
Fatal and Serious Injuries by Mode (No. per 100,000 Population)



Source: Waka Kotahi Crash Analysis System and MBIE Regional Economic Activity Tool

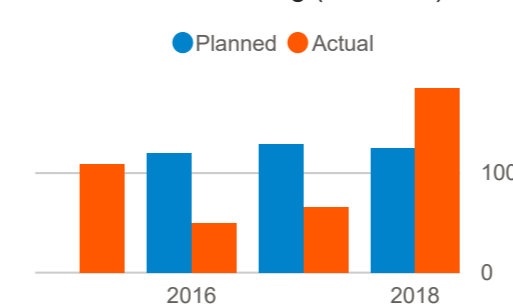
Works Completed

Pavement rehabilitation (lane kms)

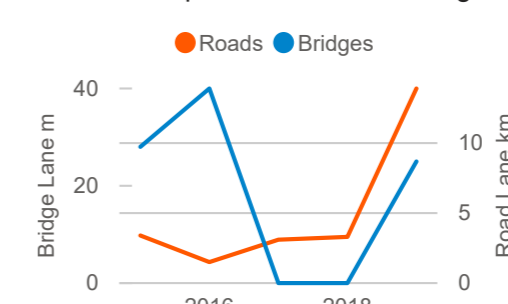


Source: Waka Kotahi Data and Tools

Pavement resurfacing (lane kms)

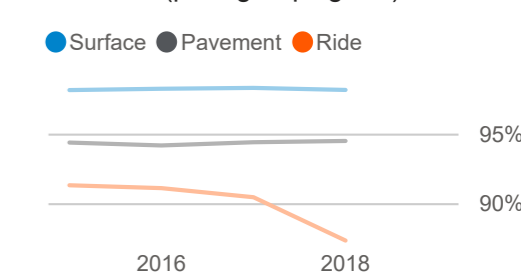


New and improved roads and bridges



Road Condition (Sealed Roads)

Ride quality, pavement and surface condition (peer group lighter)

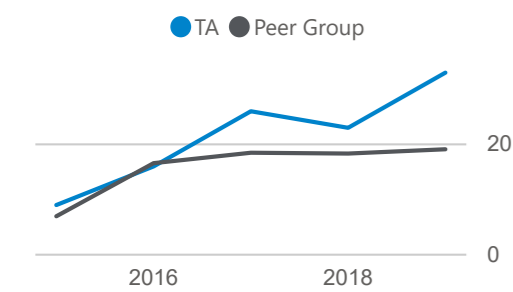


Customer Outcomes

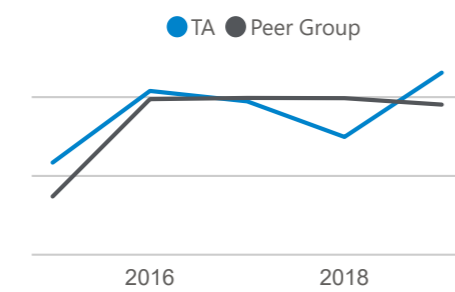
Safety and Amenity

Fatal and Serious Injuries

No. per annum

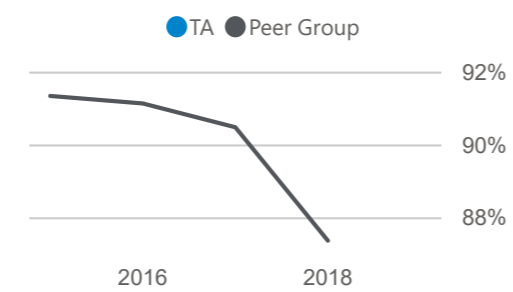


No. per 100 M VKT (personal risk)



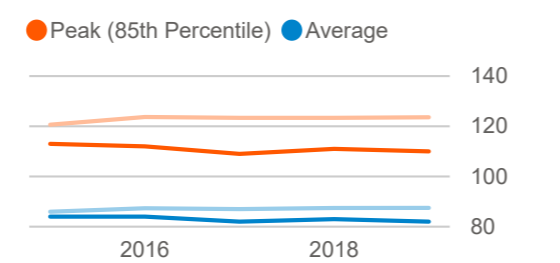
Road Condition

Ride quality (roughness of the roads)



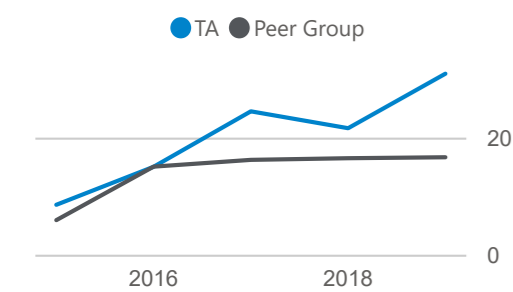
Source: Waka Kotahi Data and Tools

Peak and average road roughness (NAASRA) (peer group lighter)



Source: REG ONRC Performance Measure Reporting

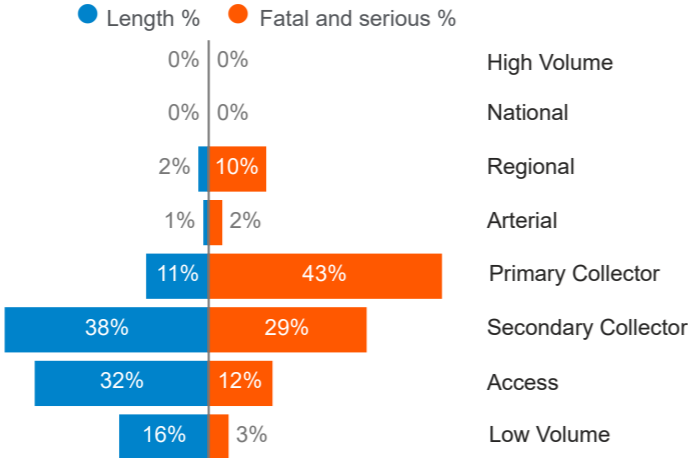
No. per 1000 km (collective risk)



Source: Waka Kotahi Crash Analysis System and Data and Tools

Crash Distribution

Length vs no. of fatal and serious injuries



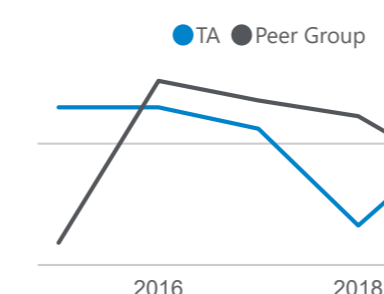
Source: REG ONRC Performance Measure Reporting

Technical Outputs

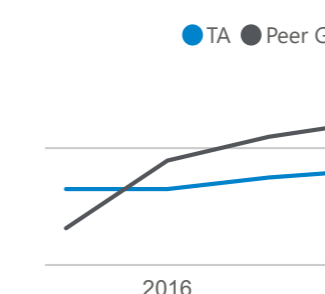
Safety

Fatal and Serious Injuries (No. per 100,000,000 Vehicle km Travelled)

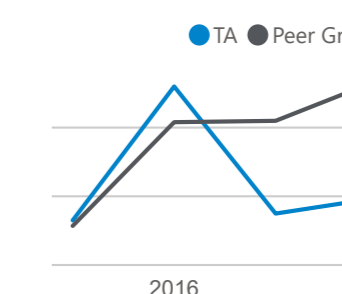
Loss of control on wet roads



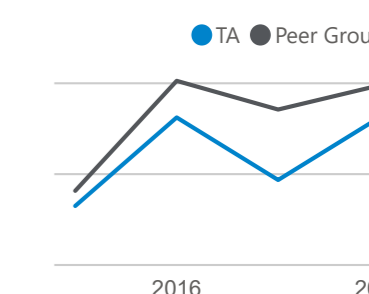
Loss of control at night



At intersections



Involving vulnerable users



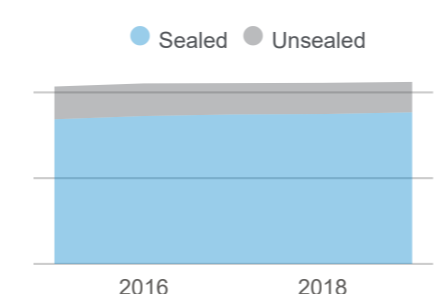
Source: Waka Kotahi Crash Analysis System and Data and Tools

Network Physical Characteristics

Roads, Cycleways and Bridges

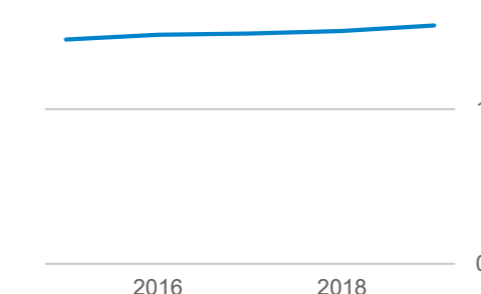
Roads

Network length (km)



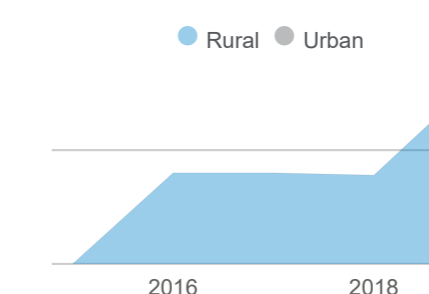
Source: Waka Kotahi Data and Tools

Urban % by length



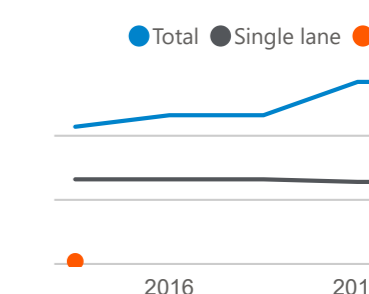
Cycleways

Network length (km)



Bridges

No. bridges

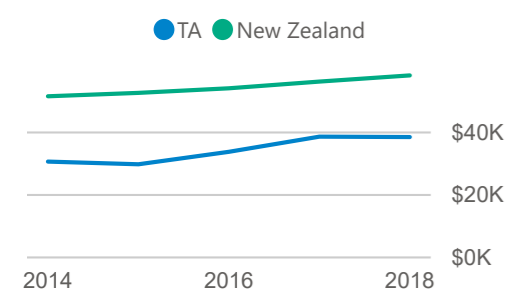


Territorial Activity

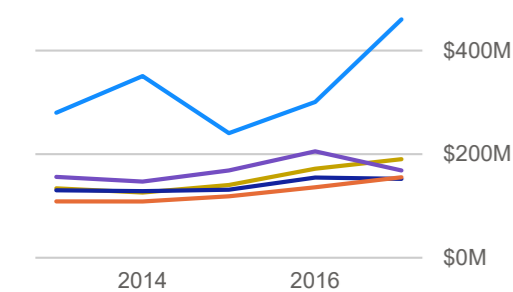
Economic Activity and Financials

Economic

GDP per capita



GDP by industry



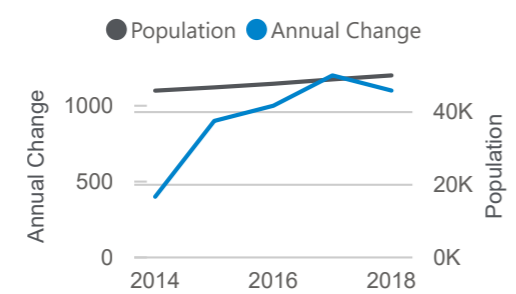
Top 5 TA Industries

- Agriculture
- Manufacturing
- Administrative And Support Services
- Forestry, Fishing, Mining, Electricity, Gas, Water And Waste Services
- Gst On Production, Import Duties And Other Taxes

Source: MBIE Regional Economic Activity Tool

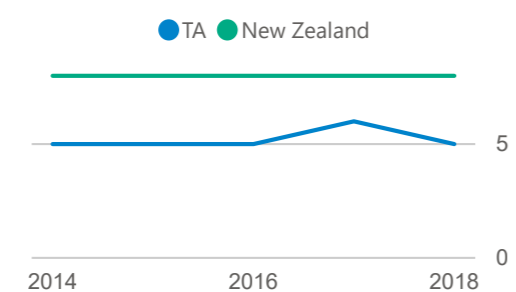
Population

Resident population



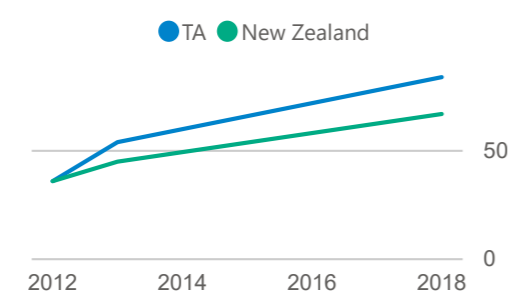
Tourism

Guest nights per capita



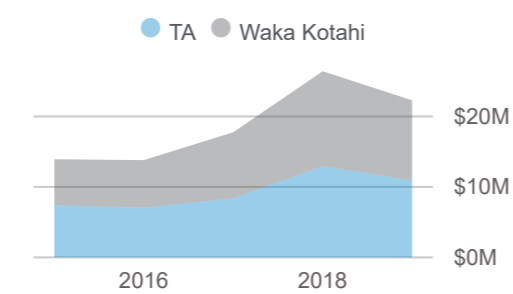
Housing

New dwellings per 10,000 capita



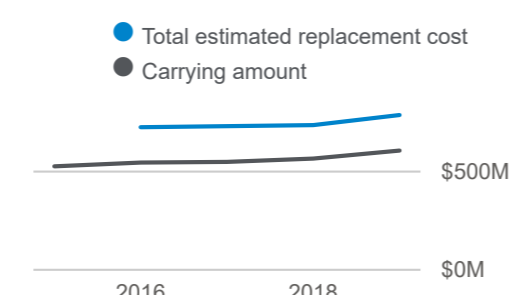
Financials

Co-invested expenditure and funding

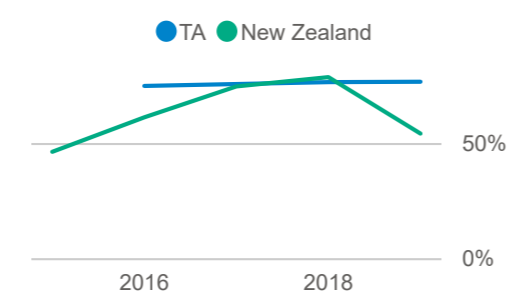


Source: Waka Kotahi Data and Tools

Roading valuation



Service life



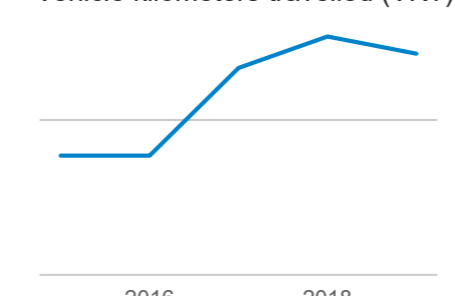
Source: TA Annual Reports

Road Network Use

Roads, Bridges and Public Transport

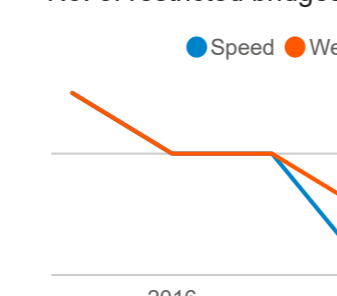
Roads and Bridges

Vehicle kilometers travelled (VKT)



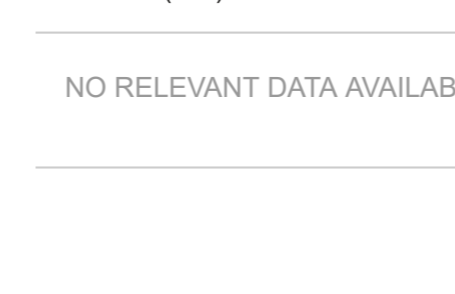
Source: Waka Kotahi Data and Tools

No. of restricted bridges



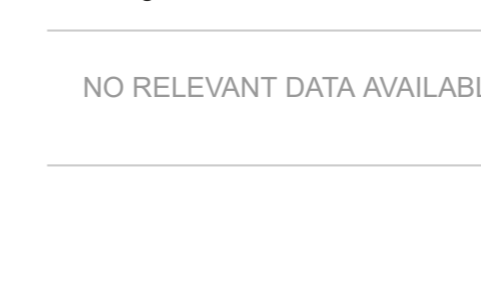
Public Transport (Region Only)

Fleet size (No.)

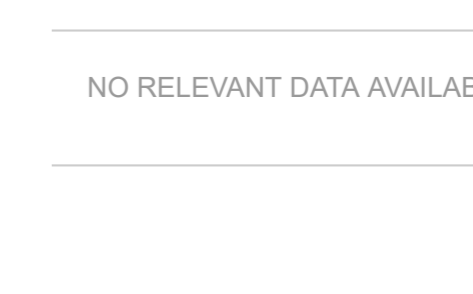


Source: Waka Kotahi Data and Tools

Passenger kms

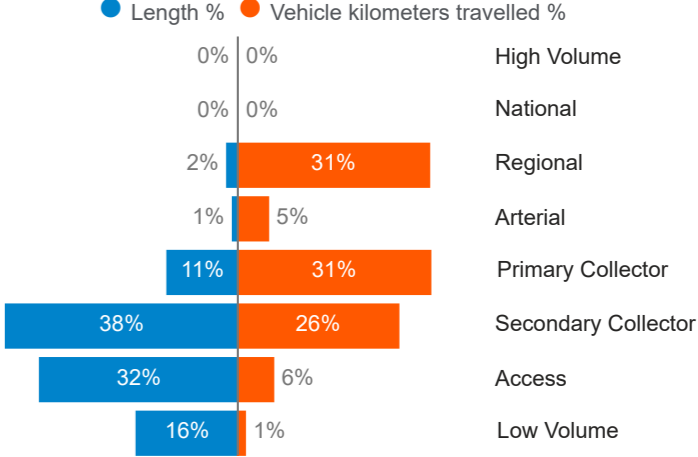


Service kms



Journey Distribution

Length vs VKT



Source: REG ONRC Performance Measure Reporting