

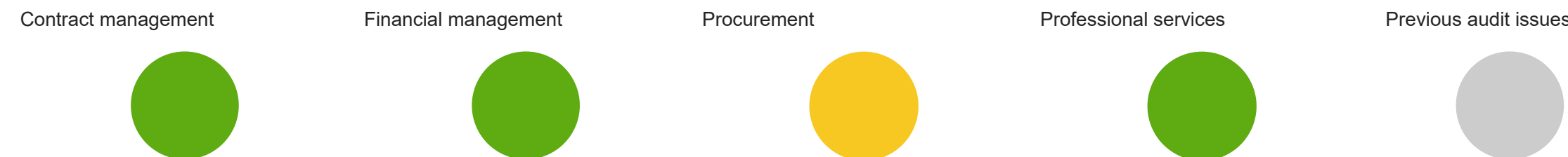


## Co-Investor Assurance

Investment Performance

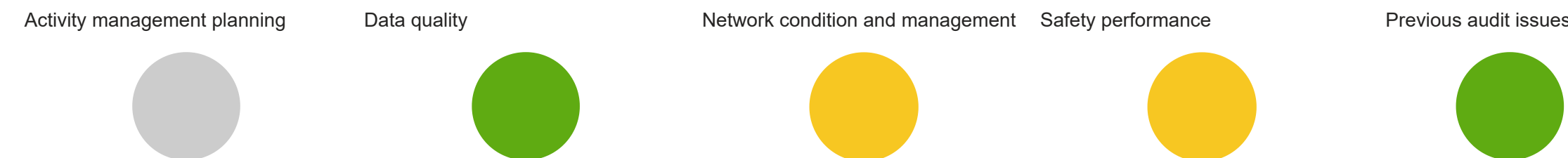
Four grades: ● Effective ● Some improvement needed ● Significant improvement needed ● Unacceptable ● Not available  
Three grades: ● Effective ● Improvement needed ● Unacceptable ● Not available

### Procedural Audit (Four Grades)



Source: Waka Kotahi, Audit and Assurance, Procedural Audit Report Sep-18

### Technical Audit (Three Grades)



Source: Waka Kotahi, Audit and Assurance, Technical Audit Report Jul-16

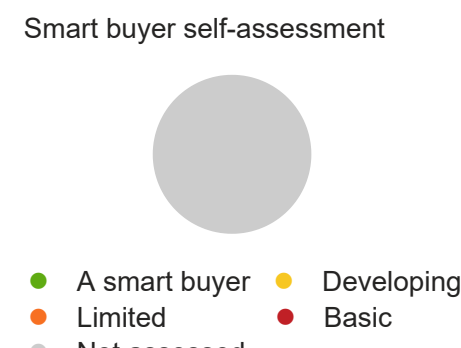
## Activity Management

Planning, Procurement and Data Quality

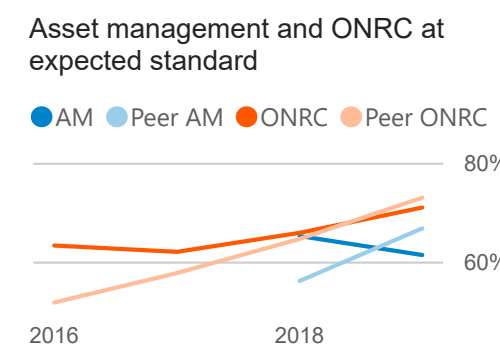
### Activity Management Planning



### Procurement



### Data Quality



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

Source: RCA Smart Buyer Self-Assessment

Source: REG Annual Data Quality Assessment

## Service Performance

LGA Non-Financial Performance Measures

● Target achieved ● Partially achieved<sup>1</sup> ● Target not achieved ● Not reported

### Annual Targets Achieved

	2015-25 Long Term Plan			2018-28 LTP
	2015/16	2016/17	2017/18	2018/19
Provision of roads and footpaths				
Road safety	●	●	●	●
<sup>1</sup> Condition of the sealed road network	●	●	●	●
Maintenance of the sealed road network	●	●	●	●
Condition of the footpaths within the local road network	●	●	●	●
Response to service requests	●	●	●	●

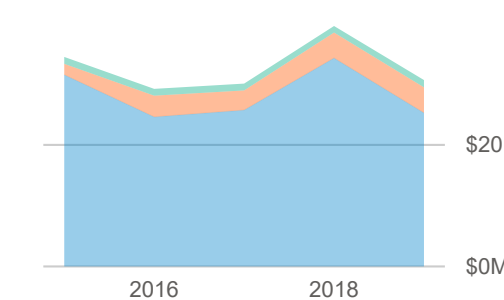
Source: TA Annual Reports

## Delivery and Achievements

Expenditure, Cost Efficiency, Works Completed and Road Condition

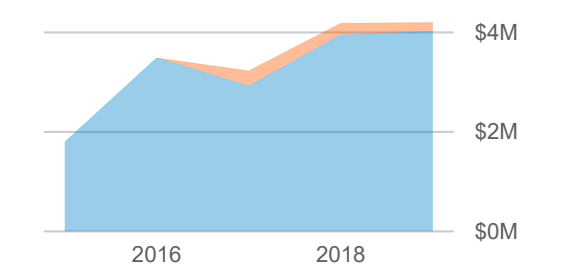
### Co-Invested Expenditure

#### All transport activities



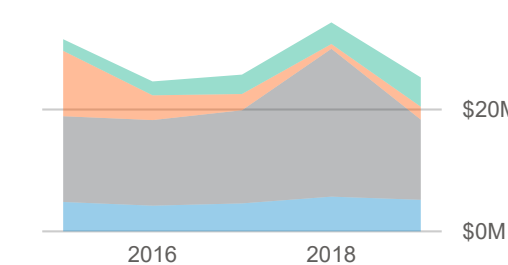
● Road maintenance ● Walking and cycling  
● Road improvement ● Other

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



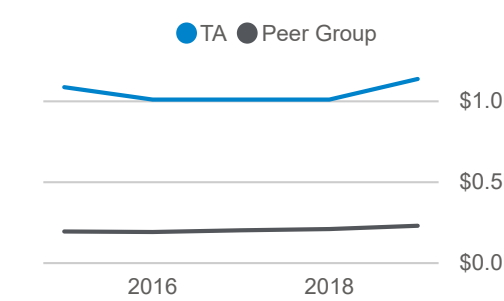
● Minor improvements (low cost, low risk)  
● Resilience and improvements ● Roads and bridges  
● Other

#### Road maintenance, operations and renewals

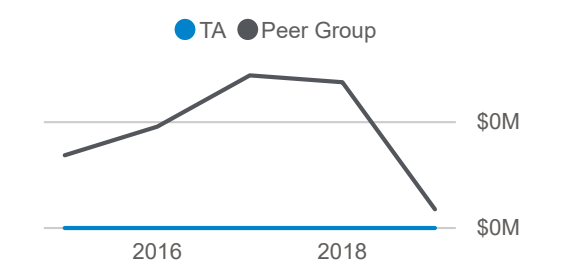


● Corridor, environment and drainage  
● Pavement and seal ● Emergency  
● Other

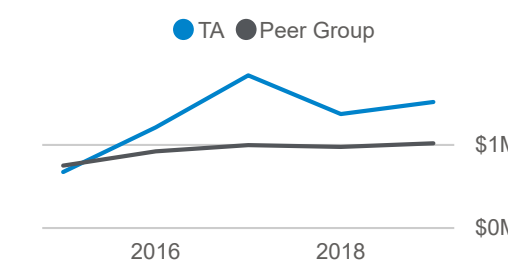
#### Road safety promotion



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

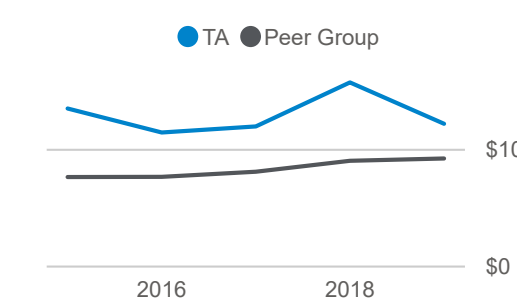


#### Investment management, network and property management

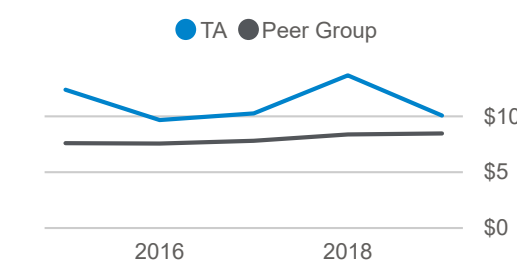


### Cost Efficiency

#### Total expenditure / length (\$1000 / km)



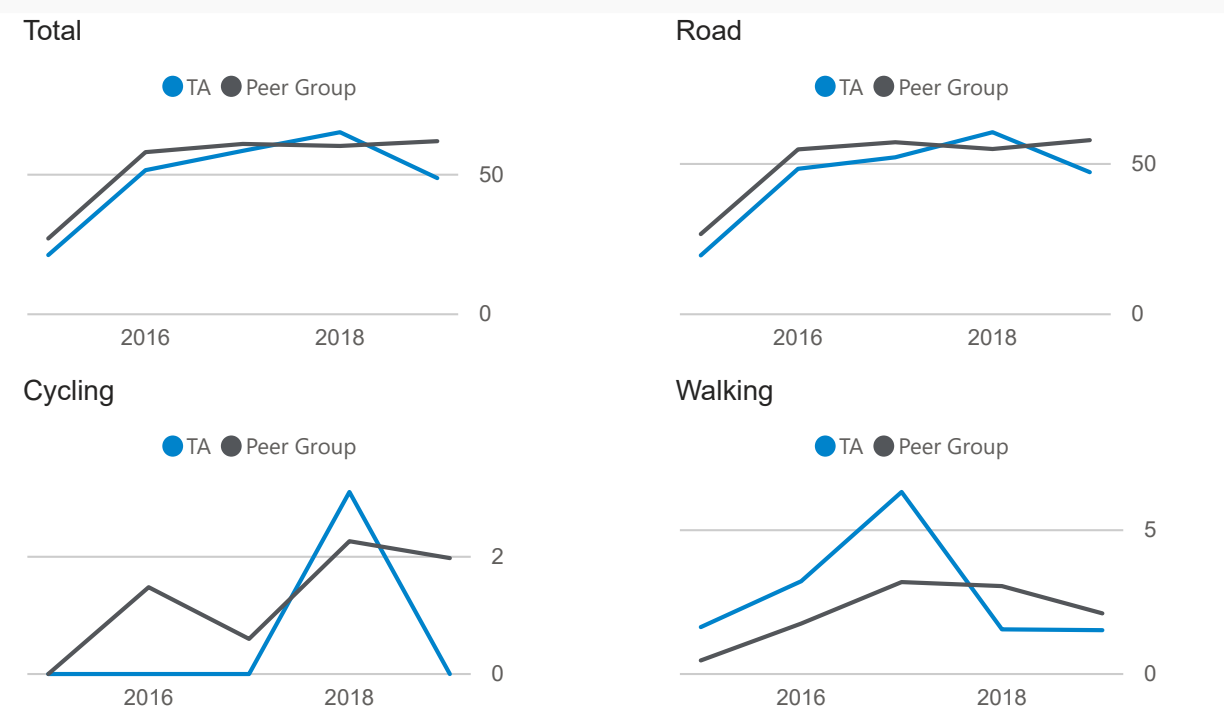
#### Maintenance, operations and renewals expenditure / length (\$1000 / km)



## Transport Outcomes

Healthy and Safe People

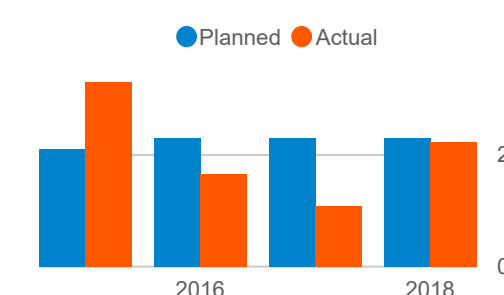
### Fatal and Serious Injuries by Mode (No. per 100,000 Population)



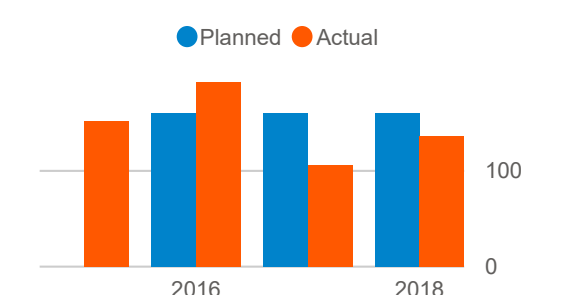
Source: Waka Kotahi Crash Analysis System and MBIE Regional Economic Activity Tool

### Works Completed

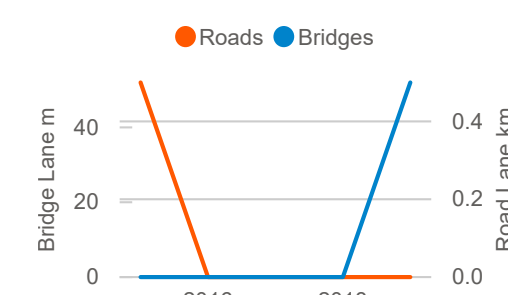
#### Pavement rehabilitation (lane kms)



#### Pavement resurfacing (lane kms)

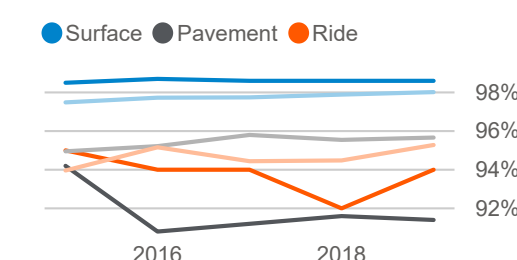


#### New and improved roads and bridges



### Road Condition (Sealed Roads)

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



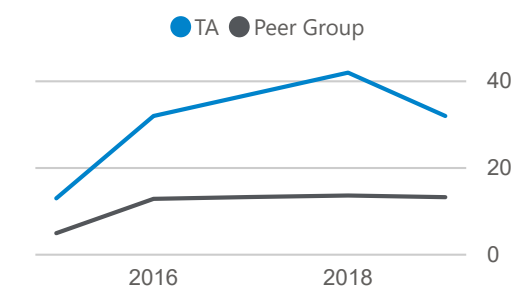
Source: Waka Kotahi Data and Tools

## Customer Outcomes

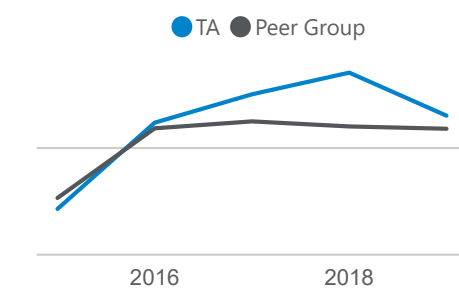
### Safety and Amenity

#### Fatal and Serious Injuries

No. per annum

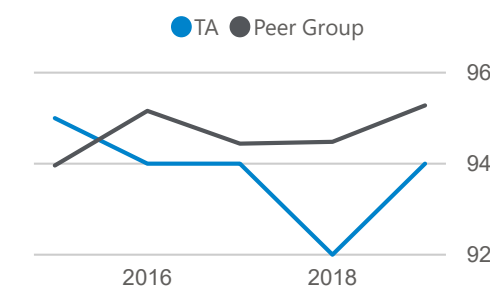


No. per 100 M VKT (personal risk)



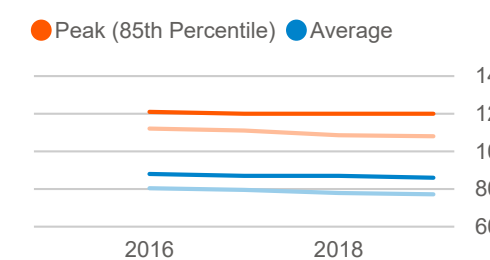
#### Road Condition

Ride quality (roughness of the roads)



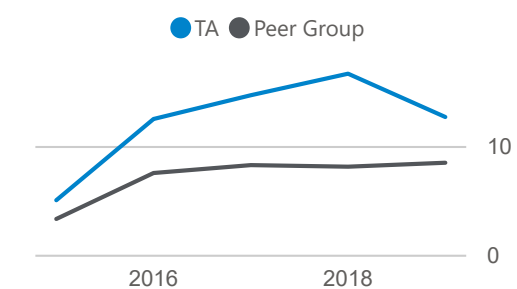
Source: Waka Kotahi Data and Tools

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



Source: REG ONRC Performance Measure Reporting

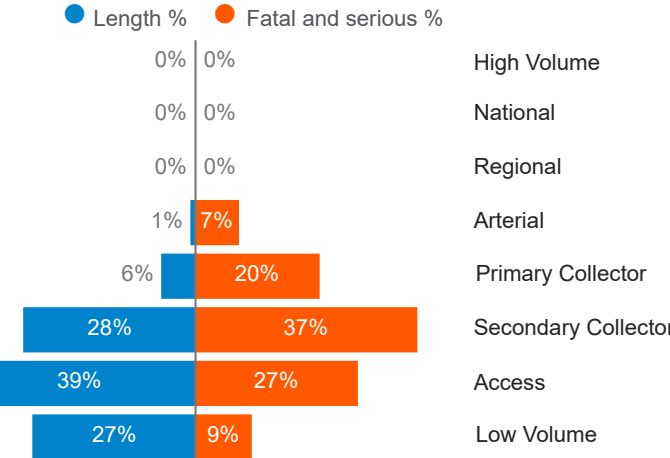
No. per 1000 km (collective risk)



Source: Waka Kotahi Crash Analysis System and Data and Tools

#### Crash Distribution

Length vs no. of fatal and serious injuries



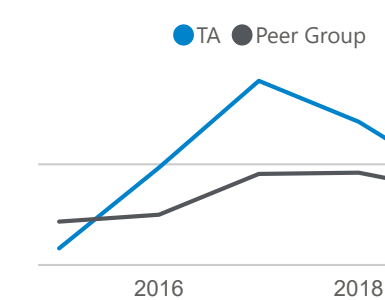
Source: REG ONRC Performance Measure Reporting

## Technical Outputs

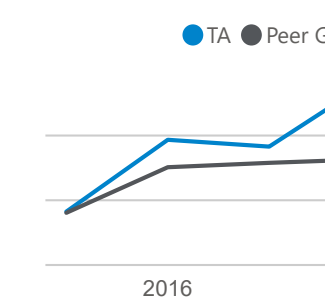
### Safety

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

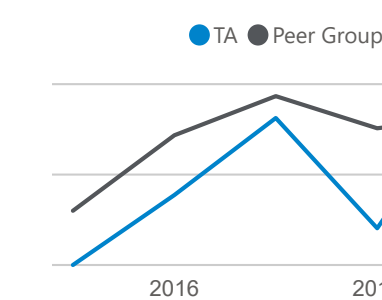
##### Loss of control on wet roads



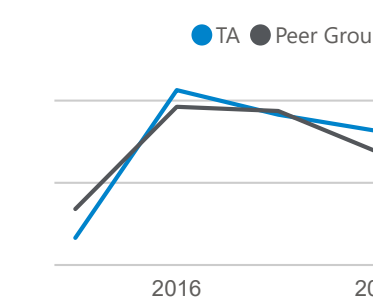
##### Loss of control at night



##### At intersections



##### Involving vulnerable users



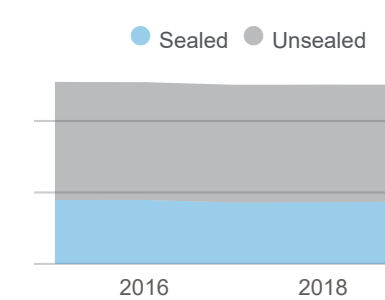
Source: Waka Kotahi Crash Analysis System and Data and Tools

## Network Physical Characteristics

### Roads, Cycleways and Bridges

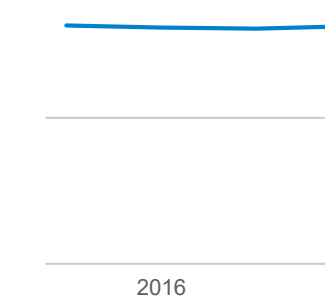
#### Roads

Network length (km)



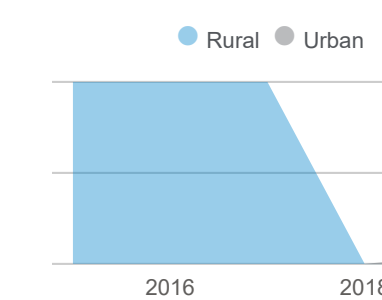
Source: Waka Kotahi Data and Tools

Urban % by length



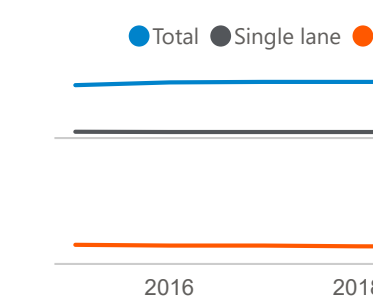
#### Cycleways

Network length (km)



#### Bridges

No. bridges

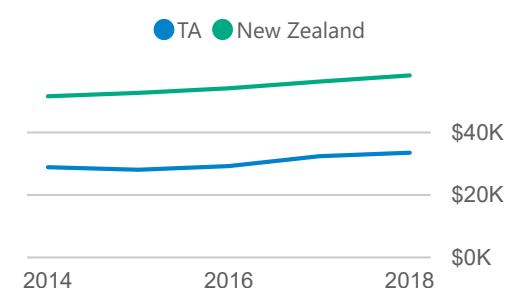


## Territorial Activity

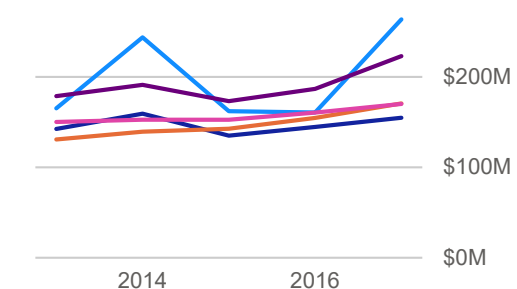
### Economic Activity and Financials

#### Economic

GDP per capita



GDP by industry

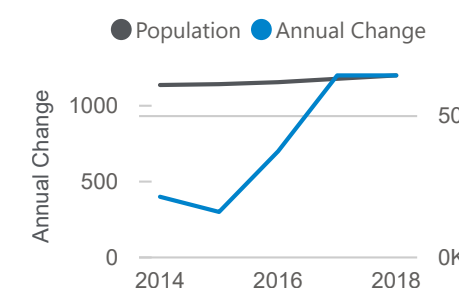


- Top 5 TA Industries**
- Rental, Hiring And Real Estate Services
  - Agriculture
  - Owner-Occupied Property Operation
  - Forestry, Fishing, Mining, Electricity, Gas, Water And Waste Services
  - Gst On Production, Import Duties And Other Taxes

Source: MBIE Regional Economic Activity Tool

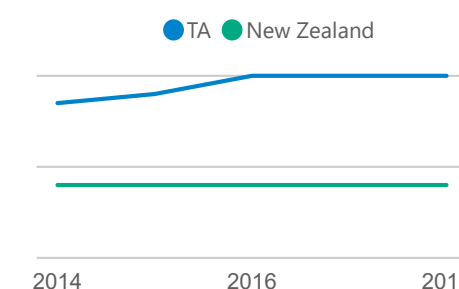
#### Population

Resident population



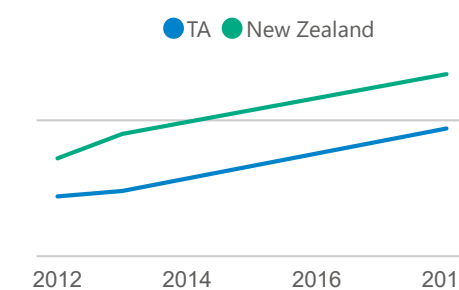
#### Tourism

Guest nights per capita



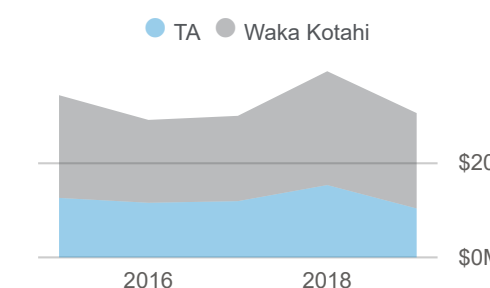
#### Housing

New dwellings per 10,000 capita



#### Financials

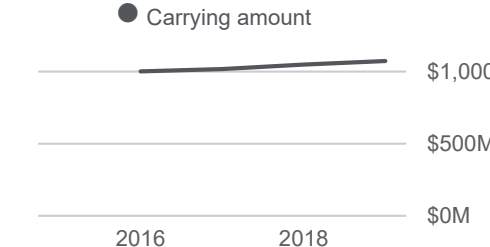
Co-invested expenditure and funding



Source: Waka Kotahi Data and Tools

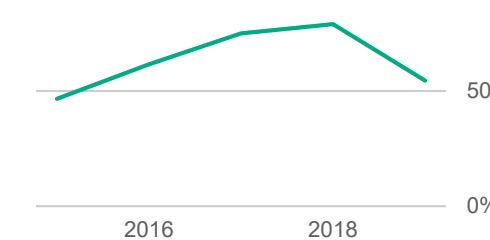
#### Roading valuation

Total estimated replacement cost



#### Service life

Service life



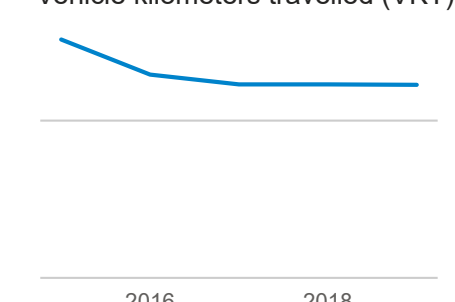
Source: TA Annual Reports

## Road Network Use

### Roads, Bridges and Public Transport

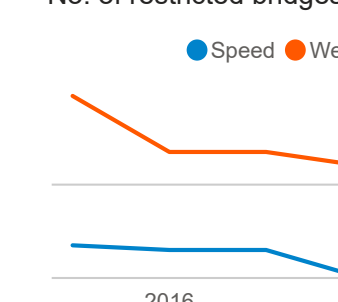
#### Roads and Bridges

Vehicle kilometers travelled (VKT)



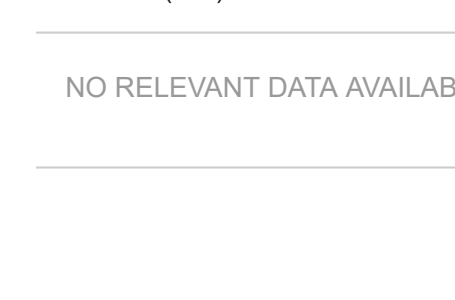
Source: Waka Kotahi Data and Tools

No. of restricted bridges



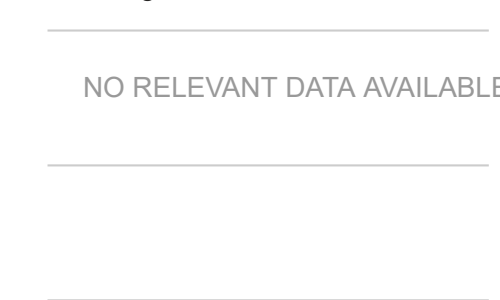
#### Public Transport (Region Only)

Fleet size (No.)

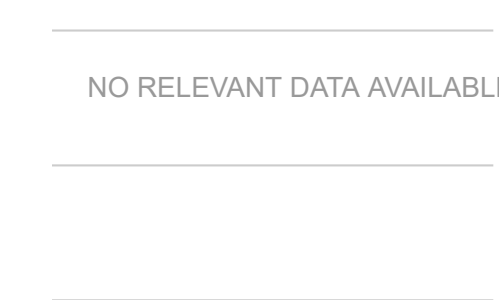


Source: Waka Kotahi Data and Tools

Passenger kms

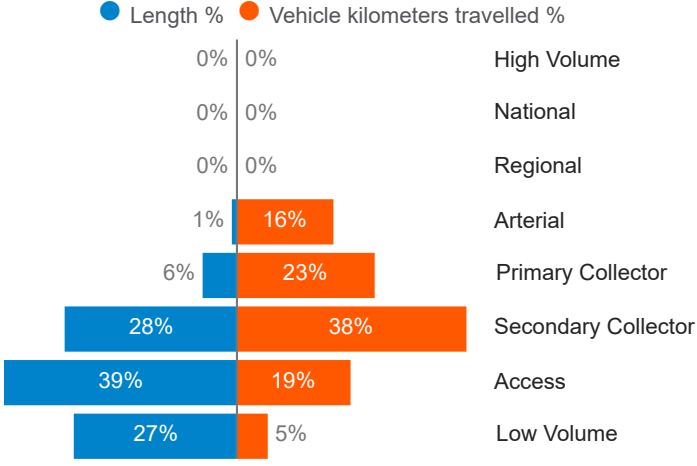


Service kms



#### Journey Distribution

Length vs VKT



Source: REG ONRC Performance Measure Reporting