

Regional Land Transport Plan Annual Report Card 2017/18



THE REPORT AT A GLANCE

TARGETS

ECONOMIC PERFORMANCE		
	TARGET	ACTUAL
Regional GDP (\$b)	↑ 11.93	14.37 ✓
Contribution to national GDP (%)	↑ 5.1	5.3 ✓
Network reliability (mins delay/km)	↓ 0.36	ND
Rail freight (billion net tonne kms)	↑ 1.006	1.396 ✓

SAFETY		
	TARGET	ACTUAL
Road trauma (deaths & serious injuries)	↓ 181	167 ✓
Alcohol (factor in deaths & serious injuries)	↓ 40.4	44.4 ✗
Speed (factor in deaths & serious injuries)	↓ 40.2	41.0 ✗
Rail trauma (deaths & injuries)	↓ 2.0	ND

LAND USE AND TRANSPORT INTEGRATION		
	TARGET	ACTUAL
Person kilometres (million kms/year)	B	3,095
Public transport (trips/person/year)	↑ 11.0	8.2 ✗
Distance cycled (kms/person/year)	B	78
Time walking (hours/person/year)	B	31

ENERGY EFFICIENCY		
	TARGET	ACTUAL
Energy use (person kms/litre of fuel)	B	4.76
Single occupancy vehicles (kms/person/year)	↓ 2,600	ND

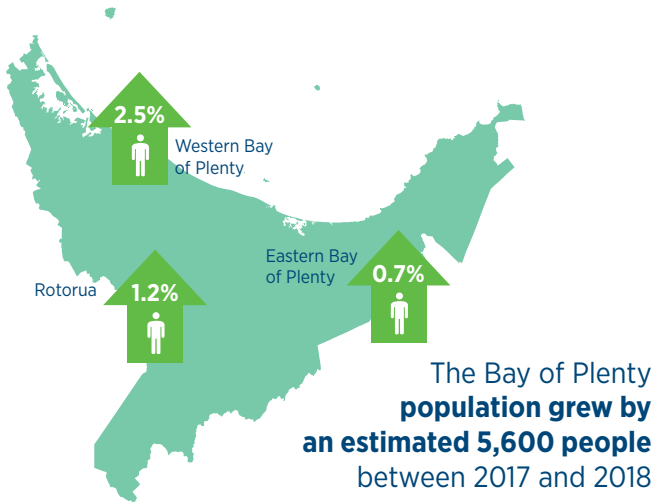
ACCESS AND RESILIENCE		
	TARGET	ACTUAL
Closure of strategic road routes (hours/year)	↓ 48	47 ✓
Public transport reliability (% buses on time)	-	ND
Sustainable mode share (% trips)	B	12

AFFORDABILITY		
	TARGET	ACTUAL
Local road condition/COST (% smooth travel exposure/\$ lane km)	↑ 88.7/↑ 6,392	ND
SH condition/cost (% smooth travel exposure / \$ lane km)	↑ 97.35/↑ 24,398	ND
Rail track quality (track quality index)	↑ 28.2	29.1 ✓

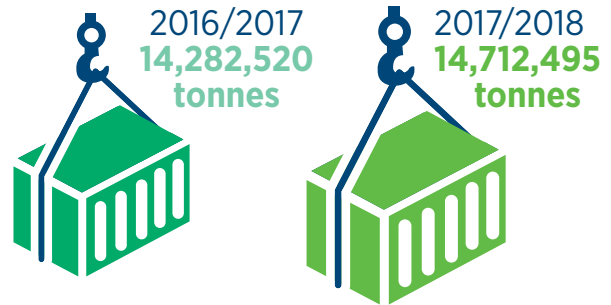
ENVIRONMENTAL SUSTAINABILITY		
	TARGET	ACTUAL
Travel on unsealed roads (vehicle kms travelled/day)	↓ 36,878	ND
Particulate matter (number of days PM10 levels exceed NES)	↓ 12	14 ✗
Nitrogen dioxide (NO ₂ micrograms/m ³ air - Tauranga/Rotorua)	↓ 24.48/18.5	28.26/22.01 ✗

B = New Baseline **ND** = No/insufficient data

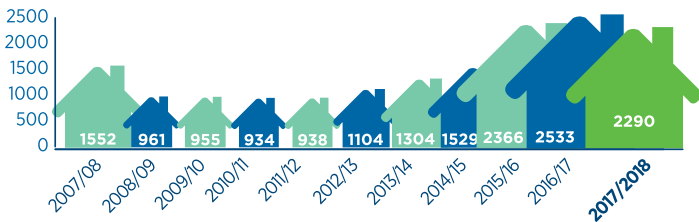
DEMAND INDICATORS



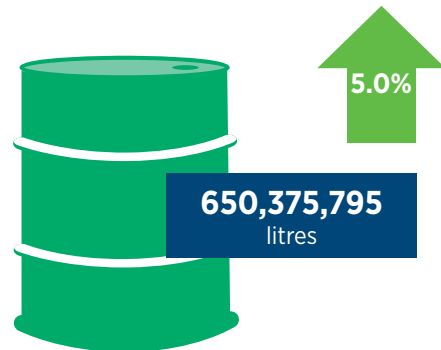
Export volumes loaded at the Port of Tauranga increased 3% in the last year



Housing development is maintaining current growth trends

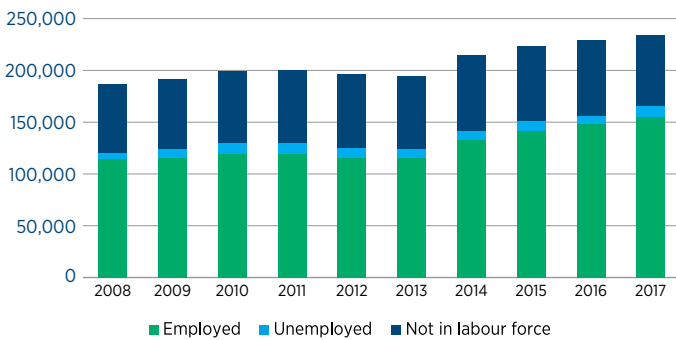


Fuel consumption continues to increase



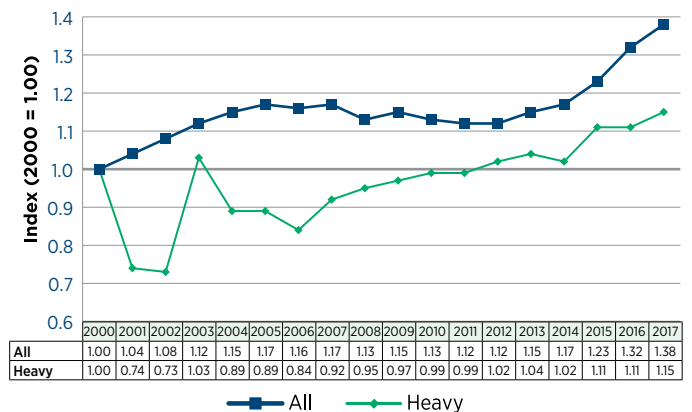
58% of the fuel sold was **DIESEL**

The employed labour force continues to grow



State highway general and heavy traffic volumes continued to increase

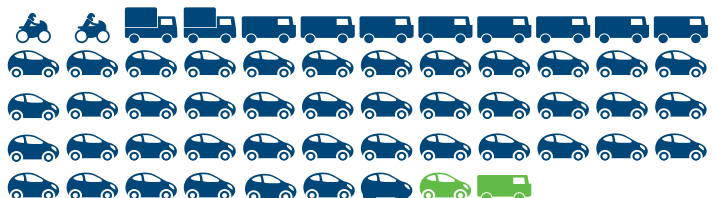
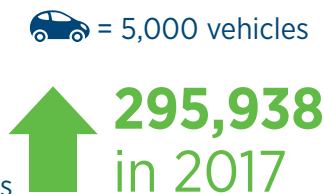
Indexed Bay of Plenty State Highway Traffic Volumes (continuously monitored sites)



The region's vehicle ownership rate is **0.90** per person - up from **0.88** the previous year

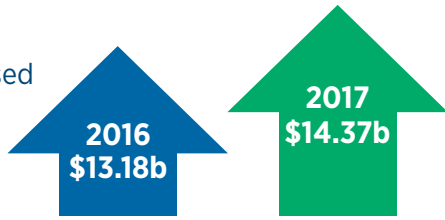


The region's road vehicle fleet has increased by almost 12,000 in the past year - mainly light commercial vehicles and cars

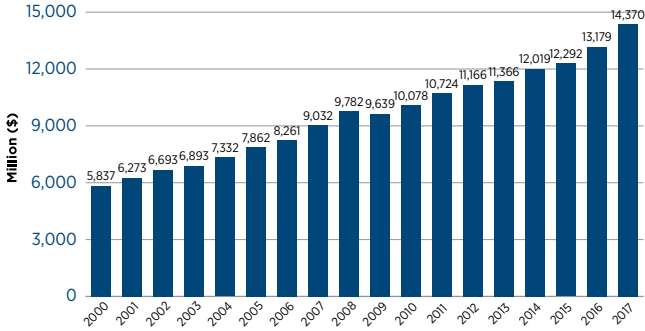


ECONOMIC PERFORMANCE

Regional GDP increased by **9.0%**



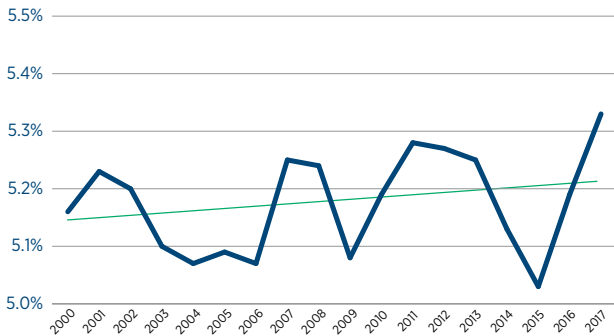
Regional Gross Domestic Product



Year Ended March

Regional GDP as a proportion of national GDP **increased**

Regional GDP (% of National GDP)



Year Ended March

1.396 billion

net tonne kilometres of **rail freight** was moved to/from or within the region



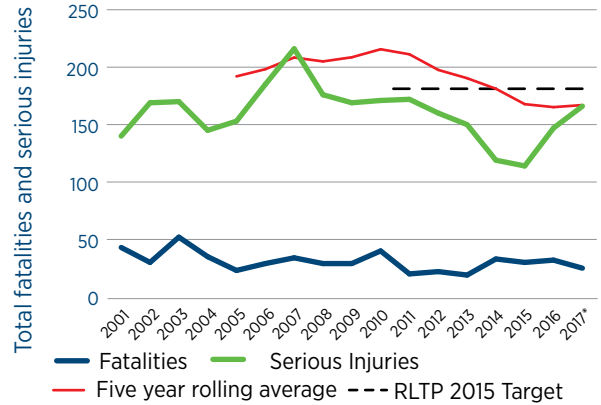
Approximately **445,000 containers** were carried on the East Coast Main Trunk Rail Line



A decrease of **2.9%** from the previous year

SAFETY

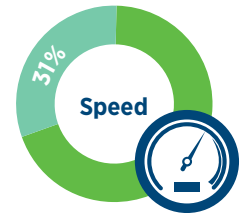
Fatalities and serious injuries increased on our roads between 2016 and 2017, while the five year average trended upwards



Alcohol contributed to **29%** of all deaths and serious injuries.



Speed contributed to **31%** of all deaths and serious injuries.

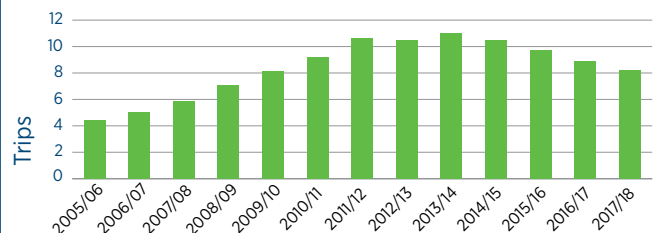


LAND USE & TRANSPORT INTEGRATION

The annual **number of trips on public transport** per person has continued to trend downwards



Annual bus trips per person, Bay of Plenty



This year each person on average...



walked for 31 hours



and cycled 78 kms

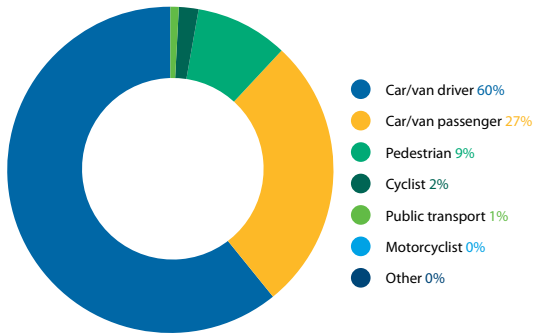
ACCESS & RESILIENCE

National and regional **strategic road routes** were closed for a total of **47 hours** in 2017

96% of these closures were for **crashes or road incidents**



The proportion of all **trips using more sustainable modes (walking, cycling or public transport)** was **12%**



AFFORDABILITY

Track quality on the East Coast Main Trunk rail line **improved**



ENVIRONMENTAL SUSTAINABILITY

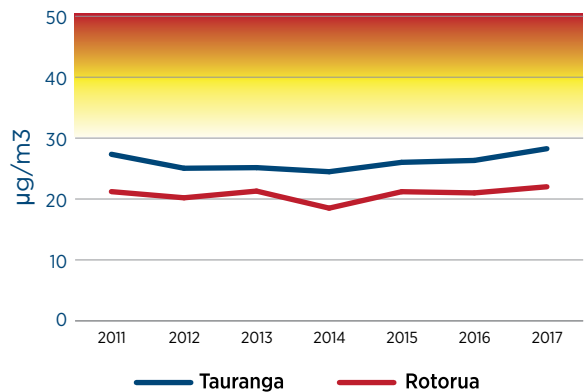
Levels of particulate (**PM10**) in Rotorua **exceeded the national environmental standard on 14 days** in 2017 (transport accounts for around 17% of PM10 emissions in Rotorua)



Average annual **nitrogen dioxide** concentrations were **28.26 micrograms/m³** of air across 6 sites in Tauranga (concentrations above 30 micrograms may have adverse effects on human health)



Average annual NO₂ concentrations



**BAY OF PLENTY
REGIONAL COUNCIL
TOI MOANA**

For more information visit our website www.boprc.govt.nz, call 0800 884 880 or email info@boprc.govt.nz