

# Regional Land Transport Plan Annual Report Card

## 2019/20



### THE REPORT AT A GLANCE

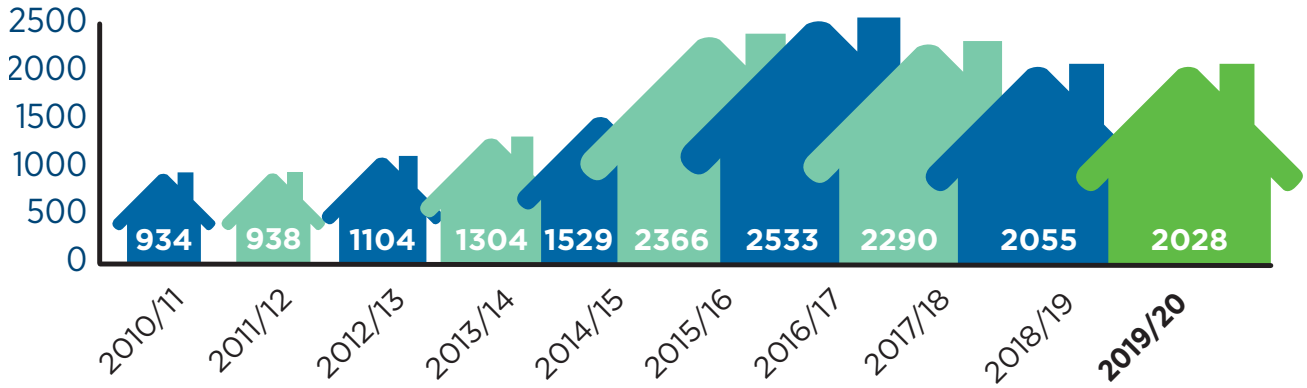
## TARGETS

<b>SAFETY (30%)</b>	TARGET	ACTUAL	<b>ENVIRONMENTAL SUSTAINABILITY (10%)</b>	TARGET	ACTUAL
Road trauma (deaths & serious injuries)	0	244	Transport emissions	ND	ND
Alcohol (factor in deaths & serious injuries)	0	106			
Drugs (factor in deaths & serious injuries)	0	35	<b>PUBLIC HEALTH (5%)</b>	TARGET	ACTUAL
Speed (factor in deaths & serious injuries)	0	55	Nitrogen dioxide (NO <sub>2</sub> micrograms/m <sup>3</sup> air – Tauranga/Rotorua)	↓ 26.33/ 21.0	24.68/ 21.27
Social cost (deaths & serious injuries)	0	\$483.1M	Travel on unsealed roads (vehicle kms travelled/day)	↓ 34,303	38,484
Rail trauma (deaths & injuries)	0	ND	Public transport coverage (% of addresses within 500m of a bus stop)	B=69.7	70.7
<b>ECONOMIC EFFICIENCY (20%)</b>	TARGET	ACTUAL	<b>ENERGY EFFICIENCY (5%)</b>	TARGET	ACTUAL
Regional contribution to national GDP (%)	↑ 5.2	5.7	Energy use (person kms/litre of fuel)	4.76	ND
Network reliability - Tauranga (mins delay/km)	↓ 0.47	ND	Electric vehicles (double the previous year)	592	647
Network reliability - Rotorua (mins delay/km)	ND	ND	Single occupancy vehicles (kms/person/year)	ND	ND
Rail freight (billion net tonne kms)	↑ 1.299	1.376			
			<b>AFFORDABILITY (5%)</b>	TARGET	ACTUAL
<b>ACCESS AND RESILIENCE (15%)</b>	TARGET	ACTUAL	Local road condition/cost (% smooth travel exposure /\$ lane km for routine maintenance)	↑ 91.62/ ↓ 514	93.09/ 320
Closure of strategic road routes (hrs/yr)	↓ 70	ND	State Highway condition/cost (% smooth travel exposure /\$ lane km for routine maintenance)	↑ 95.80/ ND	94.27/ ND
Sustainable mode share (% trips)	B=12	ND	Rail track quality (track quality index)	↑ 28.34	29.97
<b>LAND USE AND TRANSPORT INTEGRATION (10%)</b>	TARGET	ACTUAL			
Person kilometres (million kms/year)	B=3,095	ND			
Public transport (trips/person/year)	↑ 9.7	5.2			
Rail mode share (Port of Tauranga container terminal – % gate in / gate out)	↑50.1/41.6	49.3/41.2			
Distance cycled (kms/person/year)	78	ND			
Time walking (hours/person/year)	31	ND			

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

# DEMAND INDICATORS

Housing development is **maintaining current growth trends**. In the last year, **2,028 new dwelling consents were issued** by territorial authorities in the region.



Export volumes loaded at the Port of Tauranga **decreased 3.5% in the last year**



2018/2019  
**15,624,749 tonnes**

2019/2020  
**15,073,210 tonnes**



Fuel consumption **decreased**

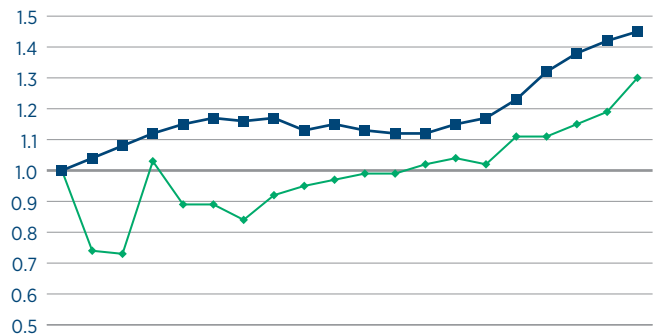
**557,834,923**  
litres sold



59% of the fuel sold was **DIESEL**

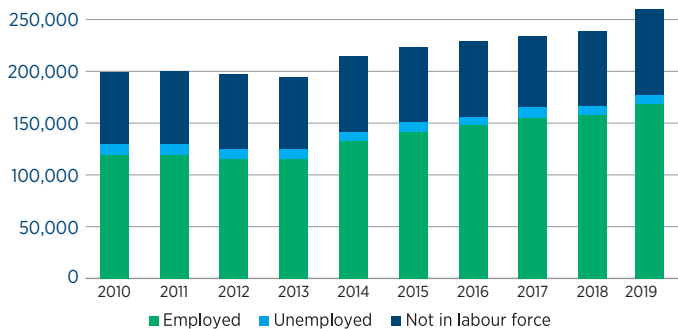
State highway general and heavy traffic volumes **continued to increase**

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



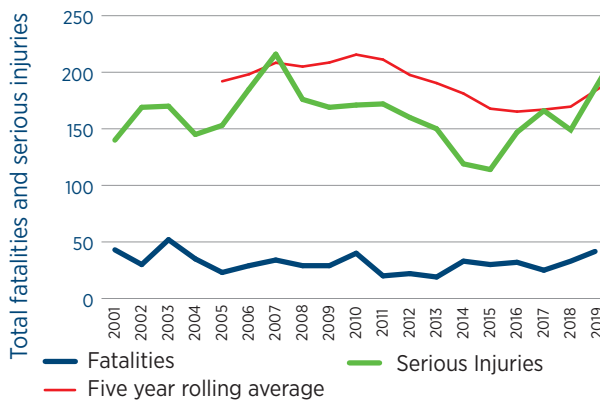
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
All	1.00	1.04	1.08	1.12	1.15	1.17	1.16	1.17	1.13	1.15	1.13	1.12	1.12	1.15	1.17	1.23	1.32	1.38	1.42	1.45
Heavy	1.00	0.74	0.73	1.03	0.89	0.89	0.84	0.92	0.95	0.97	0.99	0.99	1.02	1.04	1.02	1.11	1.11	1.15	1.19	1.30

The employed labour force continues to **grow**  
**Bay of Plenty Labour Force**



## SAFETY

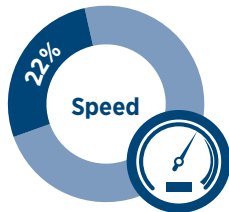
**Fatalities (39) and serious injuries (205) increased** on our roads between 2018 and 2019 and the five year average continued to trend upwards



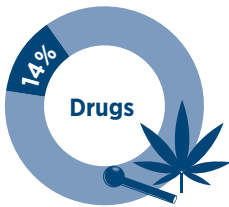
**Alcohol** was identified as a contributing factor in **43%** of all deaths and serious injuries.



**Speed** was identified as a contributing factor in **22%** of all deaths and serious injuries.



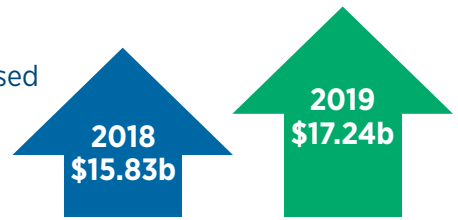
**Drugs** were identified as a contributing factor in **14%** of all deaths and serious injuries



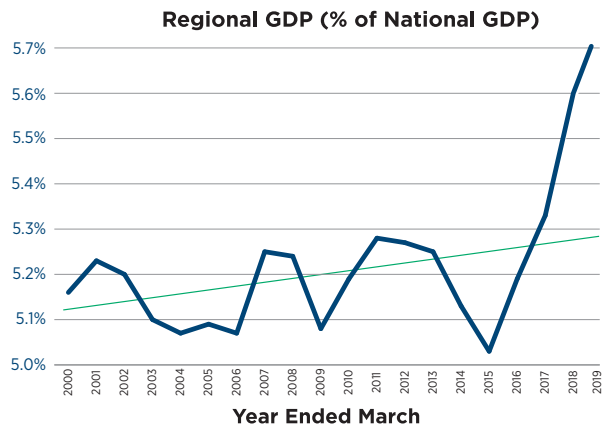
**+** The social cost of deaths and serious injuries on the region's road network was estimated to be **\$483M** in 2019

## ECONOMIC EFFICIENCY

Regional GDP increased by **9.8%**



Regional GDP as a proportion of national GDP increased from **5.6% in 2018 to 5.7%**



**1.376 billion**

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



That's down **10.3%** from the previous year

**Approximately 425,000 containers** were carried on the East Coast Main Trunk rail line



A decrease of **4.9%** from the previous year

## AFFORDABILITY

Routine maintenance on local roads cost **\$320** per lane km while smooth travel exposure was **93%**



Smooth travel exposure on the region's state highways was **94.3%**



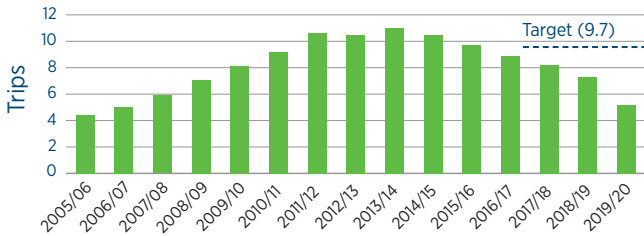
**Track quality** on the East Coast Main Trunk rail line continued to **improve**



# LAND USE & TRANSPORT INTEGRATION

The annual number of **trips on public transport** per person **has dropped overall this year as a result of COVID-19** after initial growth.

Annual bus trips per person, Bay of Plenty



In 2019 the mode share for land based freight movements in and out of the Port of Tauranga container terminal was...

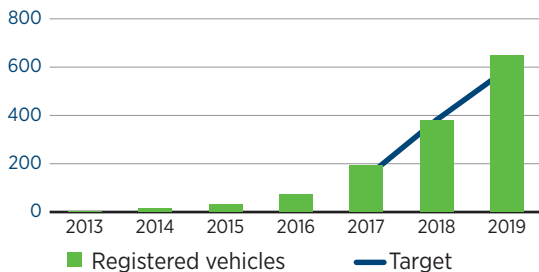


# ENERGY EFFICIENCY

There were **647 light electric vehicles** registered in the region by the end of 2019



Bay of Plenty Light Electric Vehicles



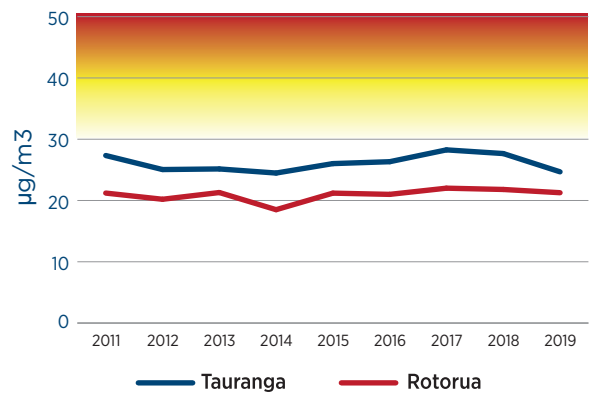
For more information visit our website [www.boprc.govt.nz](http://www.boprc.govt.nz), call 0800 884 880 or email [info@boprc.govt.nz](mailto:info@boprc.govt.nz)

# PUBLIC HEALTH

Average annual **nitrogen dioxide** concentrations were **24.68 micrograms/m<sup>3</sup>** of air across **5 sites in Tauranga** and **21.27 micrograms** for **1 site in Rotorua** (concentrations above 30 micrograms may have adverse effects on human health)



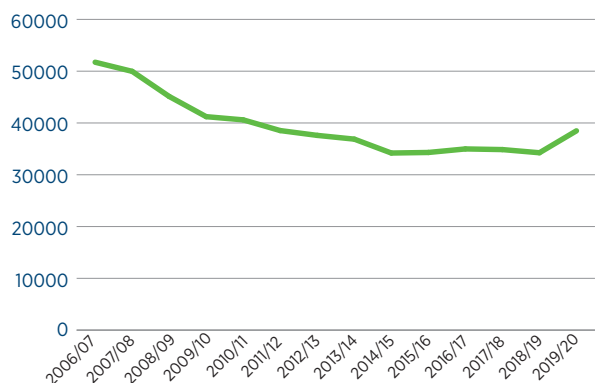
Average annual NO<sub>2</sub> concentrations



Vehicle **travel on unsealed roads** throughout the region has **increased** by 12% between 2018/19 and 2019/20



Total vehicle kms travelled on unsealed roads per day



The proportion of **addresses in the region within 500m of a bus stop** increased by **1% to 70.7%**