

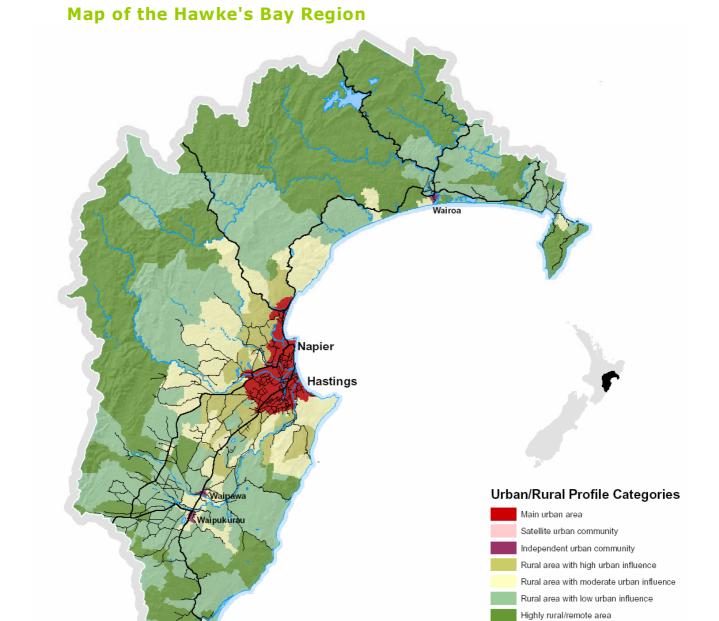
land transport at a glance

Napier City

State highway

Major road

Major river



Source: Statistics New Zealand,

Census of Population and Dwellings, 2001

What is Land Transport At A Glance?

Land Transport At A Glance provides a brief overview of the state of the land transport system.

What does Land Transport At A Glance contain?

It contains key data that describes the contribution that land transport makes to the government's economic, social and environmental objectives for transport.

What is its purpose?

Land Transport At A Glance provides all approved organisations with an evidence base for decision-making.

Why do this?

The key strategic driver for providing data is the government's requirement that we be evidence-based and outcomes focused.

Timing

The release of Land Transport At A Glance coincides with the publication of the National Land Transport Programme (NLTP) by Land Transport NZ on 28 June 2006.

What are the limitations of the data?

This package is based on available data. There are gaps, which will be filled as quickly as possible. Where data does not presently exist, we will work with sector partners to obtain the data through research and other means.

Where does the data come from?

We have compiled data from a wide variety of sources and we will continue to refresh it from these sources. Sources of data have been stated under the graphs.

Is more data available?

A lot more data is available. A document containing detailed information about land transport is presently being prepared for release in December 2006.

Moving forward

In the long term the intention is to:

- publish Land Transport At A Glance each year in June to coincide with the release of the NLTP
- have land transport data available through Land Transport NZ's website.

Where can I get more information?

More information is available from the manager of performance information at your local Land Transport NZ office.

What if I have feedback?

Please contact the manager of performance information at your local Land Transport NZ office. We are keen to receive your feedback so that improvements can be made.

How do I contact land Transport NZ offices?

Phone	Northern Region	09 969 9800
	Midland Region	07 958 7840
	Central Region	04 931 8900
	Southern Region	03 964 2866

Statistics for 2005

Napier City Hawke's Bay Region

Population Projection Integration Projection Project						
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1,990,000 1,990,000,000 1,990,000 1,990,000 1,990,000 1,990,000 1,990,000,000 1,990,00	Land area (km²) ^D	106	14,164	275,446	1%	2%
λ 3,453,000 148,551,000,000 148,551,000,000 148,551,000,000 22% 10,235,000 10,235,000 47,425,000 873,924,000 22% 10,23%	Imports (gross tonne) ^{1 D}		1,990,000	1		3%
y m 5,133,000,000 148,551,000,000 22% Perport (\$) T J L L L L (\$) T J L L L L L L L L L L L L L L L L L L	Exports (gross tonne) ^{1D}		3,453,000	1		2%
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gs ^J - 14,255,000 H 14,255,000 4,082,000 4,082,000 41% 1 41%	Passenger transport - bus boardings J		415,000	86,666,000		%0
lings J - 4,082,000 41% 41% 255,000,000 1,455,000,000 38,874,000,000 18% 41% No No 194,200,000 3,554,000,000 19% 19%) D No 194,200,000 19% 19% 19%) D According In 2004] D 186,800,000,000 19% 19% 11 (tonnes) [in 2004] D 287 682 16,820 42% 12 (tonnes) [in 2004] D 287 678 42% 12 12 (tonnes) [in 2004] D 287 678 42% 12 12 (tonnes) [in 2004] D 287 42% 10	Passenger transport - rail boardings J		-	14,255,000		%0
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No	VKT (km) ^{V J}	255,000,000	1,455,000,000	38,874,000,000	18%	4%
D 35,900,000 194,200,000 3,554,000,000 19% 19% diesel) (MJ²) [in 2004] D 186,800,000,000 186,800,000,000 186,800,000,000 186,800,000,000 t (tonnes) [in 2004] D 287 682 16,820 42% 18,820 t (tonnes) [in 2004] D 287 678 42% 18,820	ls congestion an issue?	No				
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diesel) (MJ²) [in 2004] ^D 186,800,000,000 1 </td <td>Deliveries of petrol & diesel (litres) D</td> <td></td> <td></td> <td>6,075,000,000</td> <td></td> <td></td>	Deliveries of petrol & diesel (litres) D			6,075,000,000		
t (tonnes) [in 2004] D 287 682 16,820 42% 678 42% 78 <td>Energy use by transport (petrol + diesel) (MJ2) [in 2004] $^{\mathrm{D}}$</td> <td></td> <td></td> <td>186,800,000,000</td> <td></td> <td></td>	Energy use by transport (petrol + diesel) (MJ 2) [in 2004] $^{\mathrm{D}}$			186,800,000,000		
287 682 16,820 42% 287 678 16,423 42% 58 3,416 65,434 2% 58 1,939 32,819 3% 50 10,894 3% 10,894 485 10,838 10,838 10,838	$\mathrm{CO_2}$ emissions from land transport (tonnes) [in 2004] $^\mathrm{D}$			12,505,000		
287 678 16,423 42% 58 3,416 65,434 2% 58 1,939 32,819 3% 50 10,894 3% 10,894 50 10,838 10,838 10,838	Local roads - all urban (km) ^J	287	682	16,820	42%	4%
58 3,416 65,434 2% 6 1,939 32,819 3% 50 10,894 3% 3% 485 10,838 3 7 172 172	Local roads - sealed urban (km) ^J	287	829	16,423	42%	4%
58 1,939 32,819 3% 506 10,894 20,800 10,800 485 10,838 10,838 10,800	Local roads - all rural (km) ^J	28	3,416	65,434	2%	%9
506 10,894 485 10,838 - 172	Local roads - sealed rural (km) ^J	28	1,939	32,819	3%	%9
485 10,838 - 172	State highw ay - all (km) ^{4 J}		909	10,894		%9
- 172	State highw ay - sealed (km) ^{4 J}		485	10,838		4%
	State highw ay - motorw ay (km) ^J		-	172		%0

¹ indicative only - based on 2002 data. This includes both inter-national and inter-regional freight movement.

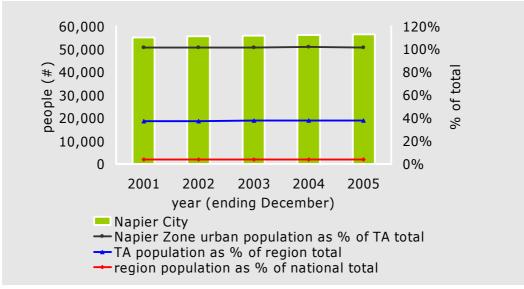
² 1 MJ = 1 mega-joule = 10 $^{\circ}$ joules

 $^{^{}D}$ indicates year ending Dec; J indicates year ending June; M indicates year ending March.

Total expenditure covers local and national contributions to territorial authority expenditure. Regional Council and Transit NZ costs are excluded. $^{
m V}$ TA VKT = local roads. Regional and national VKT includes local roads and state highways

Population

Population estimates for Napier City

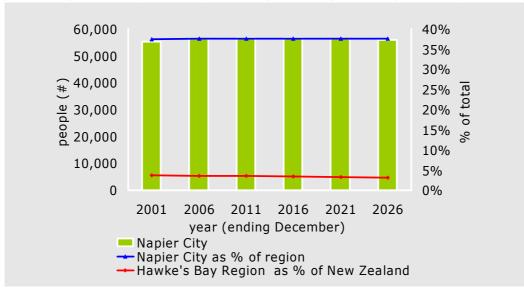


Source: Statistics NZ

Growth rates: (average per annum for years shown)

Urban Area - Napier Zone	0.53%
Napier City	0.54%
Hawke's Bay Region	0.37%
New Zealand	1.41%

Population projections for Napier City



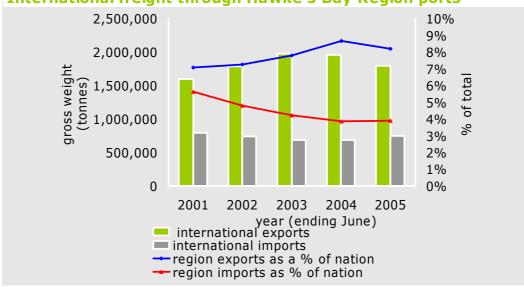
Source: Statistics NZ

Growth rates: (average per annum for years shown)

Napier City	0.05%
Hawke's Bay Region	0.04%
New Zealand	0.88%

Economic impacts

International freight through Hawke's Bay Region ports

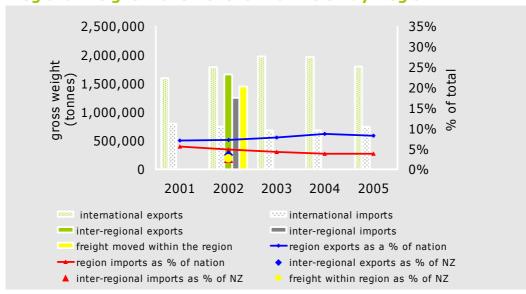


Source: Statistics NZ

Airport(s):

Seaport(s): Napier

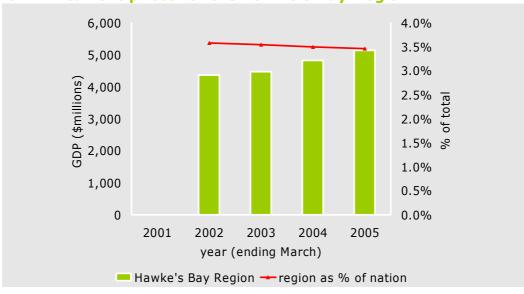
Regional freight movement for Hawke's Bay Region



Source: Booz Allen Hamilton (NZ) Ltd, 2005, Development of a New Zealand National Freight Matrix

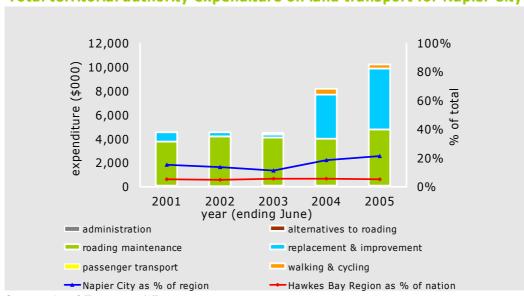
Economic impacts (continued)

GDP in current prices for the Hawke's Bay Region



Sources: NZIER & Statistics NZ

Total territorial authority expenditure on land transport for Napier City

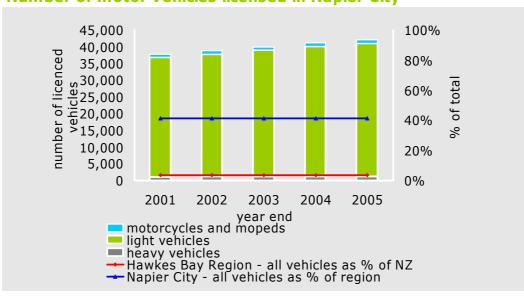


Source: Land Transport NZ

Total expenditure covers local and national contributions to territorial authority expenditure. Regional Council and Transit NZ costs are excluded

Use of land transport

Number of motor vehicles licensed in Napier City



Source: Motor vehicle register

Vehicle kilometres travelled in Napier City



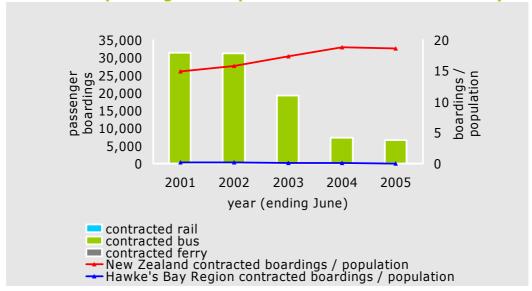
Source: Territorial local authorities

TA VKT = local roads

Regional and national VKT includes local roads and state highways

Use of land transport (continued)

Contracted passenger transport services in the Hawke's Bay Region

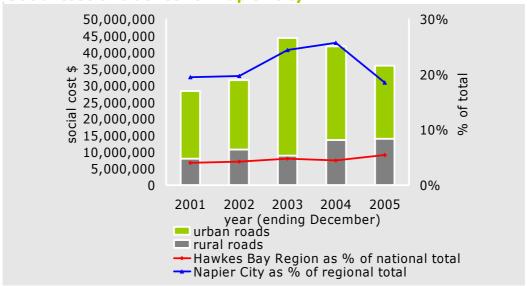


Source: Regional Councils

Commercial passenger transport increased regional boardings by about 408000 in 2004/05

Social impacts

Social cost of crashes for Napier City

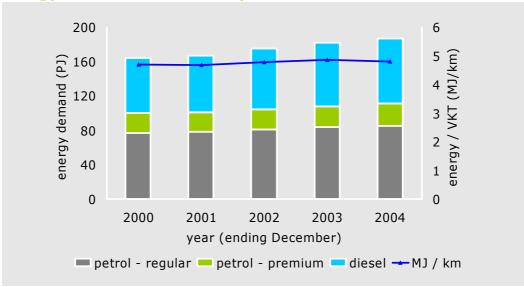


Source: Crash analysis system

For details of road safety, refer to the Road Safety Issues report

Environmental impacts

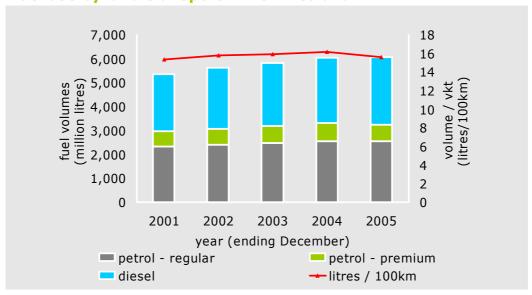
Energy demand of land transport in New Zealand



Source: MED, June 2005, NZ Greenhouse Gas Emissions 1990 - 2004 and Statistics NZ Deliveries of Petroleum Fuels by Industry

$$1 \text{ PJ} = 10^{15} \text{ joules} = 10^9 \text{ MJ}$$

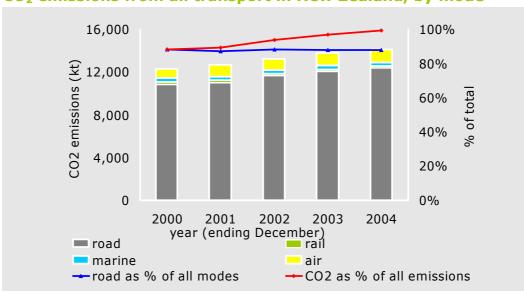
Fuel use by land transport in New Zealand



Source: Statistics NZ Deliveries of Petroleum Fuels by Industry

Environmental impacts (continued)

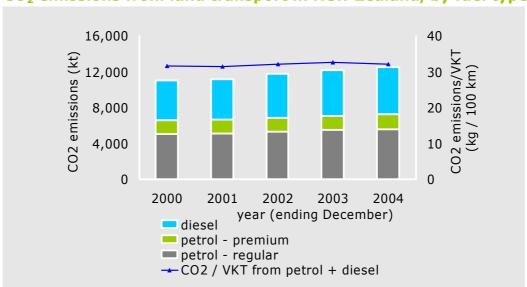
CO₂ emissions from all transport in New Zealand, by mode



Source: MED, June 2005, NZ Energy Greenhouse Gas Emissions 1990-2004

1 kt = 1 kilo tonne = 1000 tonnes

CO₂ emissions from land transport in New Zealand, by fuel type



Source: MED, June 2005, NZ Energy Greenhouse Gas Emissions 1990-2004

1 kt = 1 kilo tonne = 1000 tonnes