

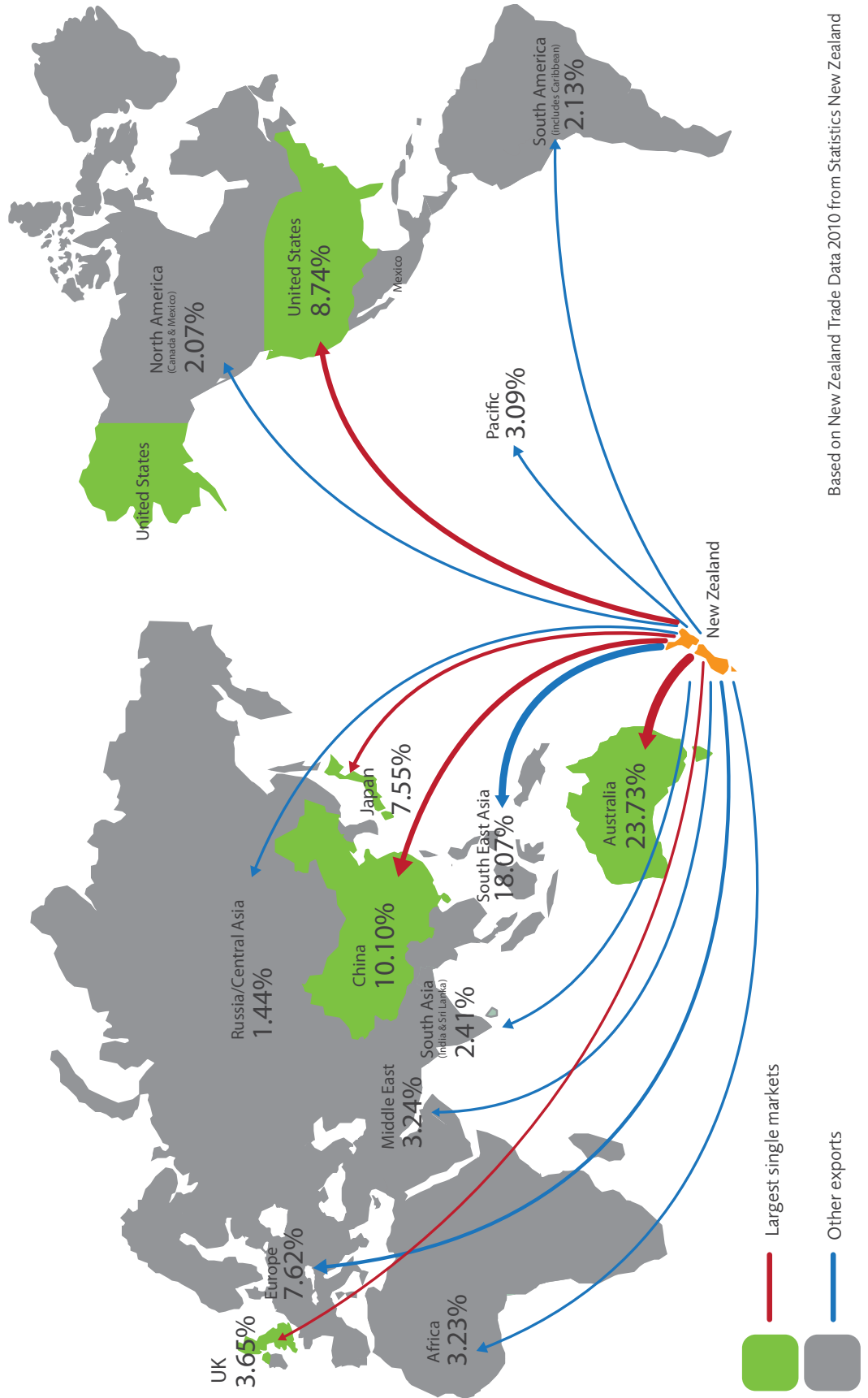


Connecting New Zealand: graphs

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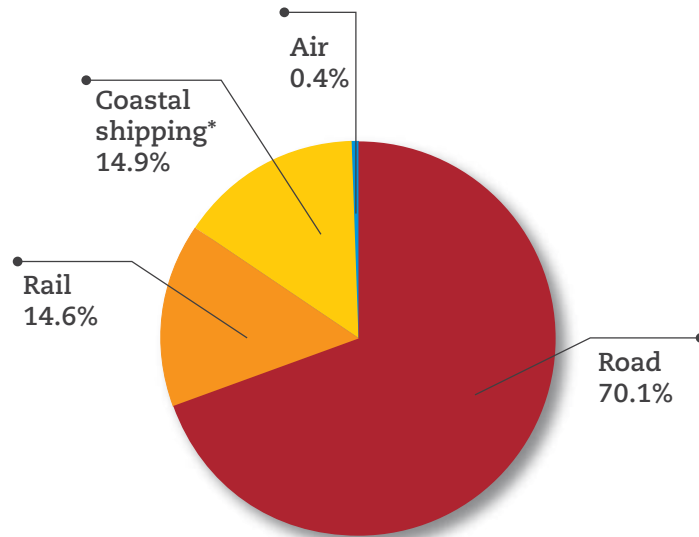
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Figure 1 – Where our exports go



Based on New Zealand Trade Data 2010 from Statistics New Zealand

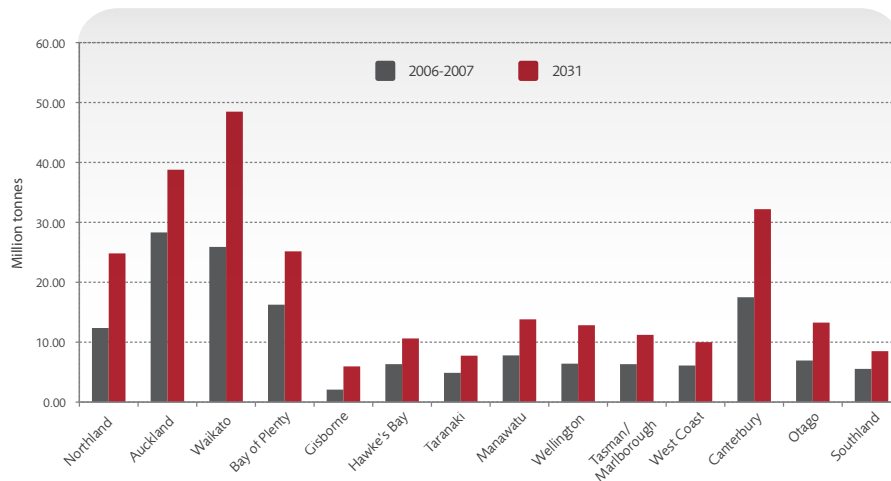
Figure 2 – Freight tonne-kilometres by mode 2006/07



* Not including Cook Strait traffic

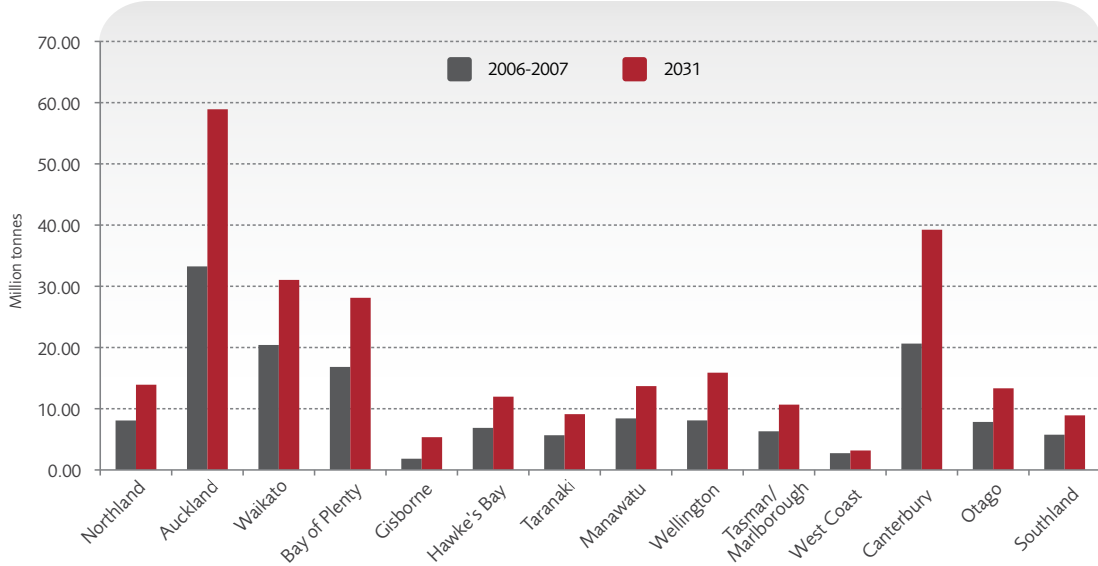
Source: National Freight Demands Study 2008

Figure 3 – Forecast growth in freight traffic generated in regions 2006–2007 to 2031



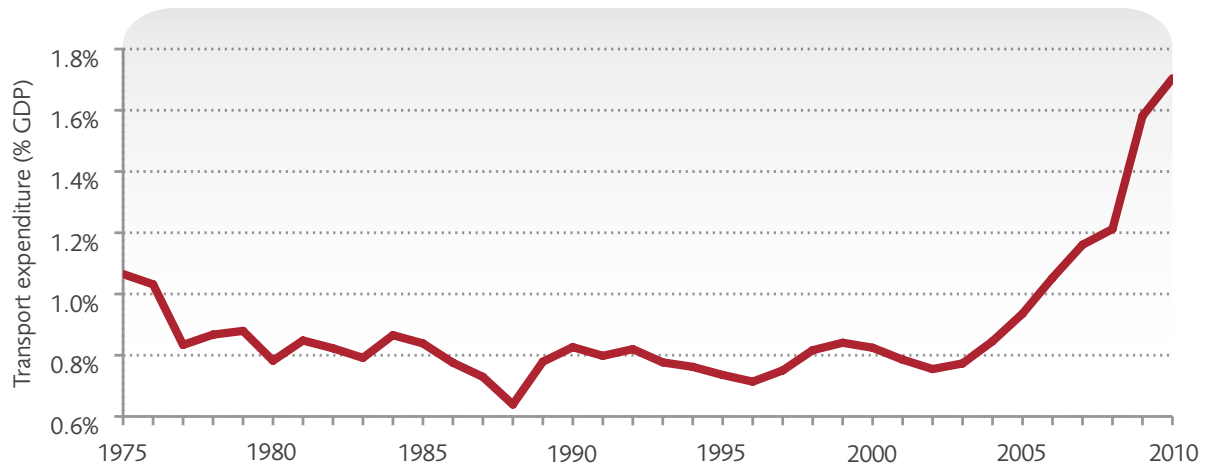
Source: National Freight Demands Study 2008

Figure 4 – Forecast growth in freight traffic attracted to regions 2006–2007 to 2031



Source: National Freight Demands Study 2008

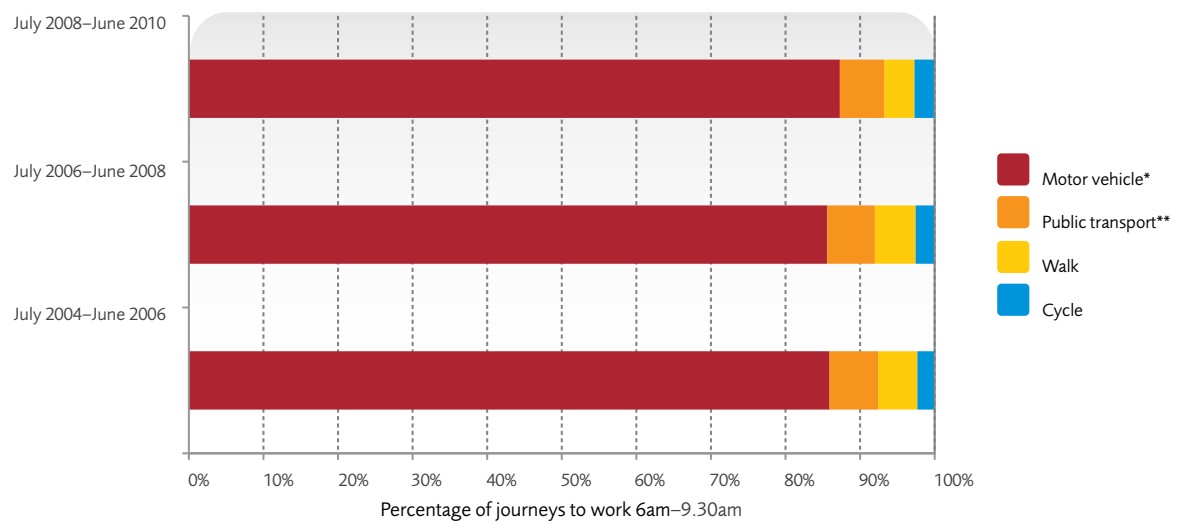
Figure 5 – Total government transport expenditure as a percentage of gross domestic product



Note: Includes National Land Transport Fund, SuperGold card, KiwiRail Turnaround Plan expenditure, metro rail expenditure and other non-National Land Transport Fund expenditure. Excludes costs associated with the purchase of KiwiRail.

Source: Ministry of Transport, NZ Transport Agency, Statistics New Zealand

Figure 6 – Mode share of journeys to work: full-time workers' travel 6am–9.30am



* Includes motorcycles, private vehicles and passengers in private vehicles.

** Includes journeys which may involve driving, walking or cycling to and from public transport centres.

Note: Each period is a 2 year (July to June) annual average.

Source: New Zealand Household Travel Survey, Ministry of Transport

Figure 7 – New Zealand population projections by age until 2031 (millions)

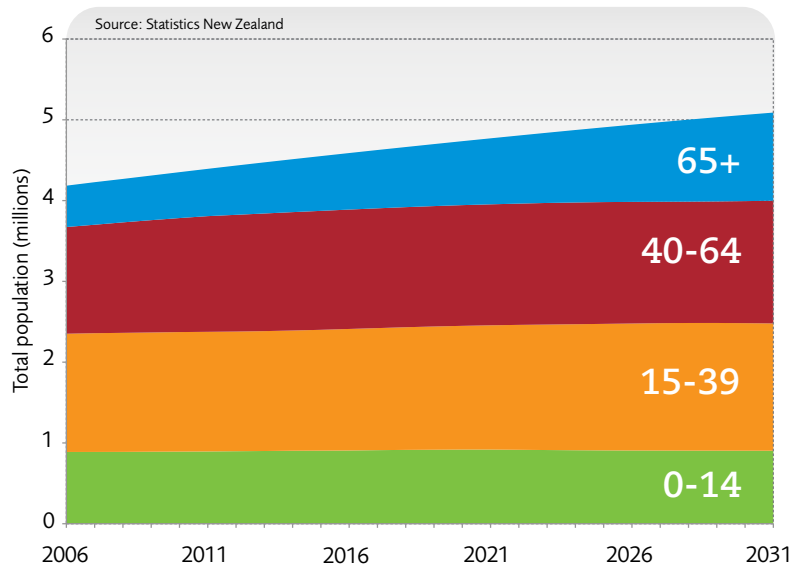


Figure 8 – Projected population growth in New Zealand by 2031

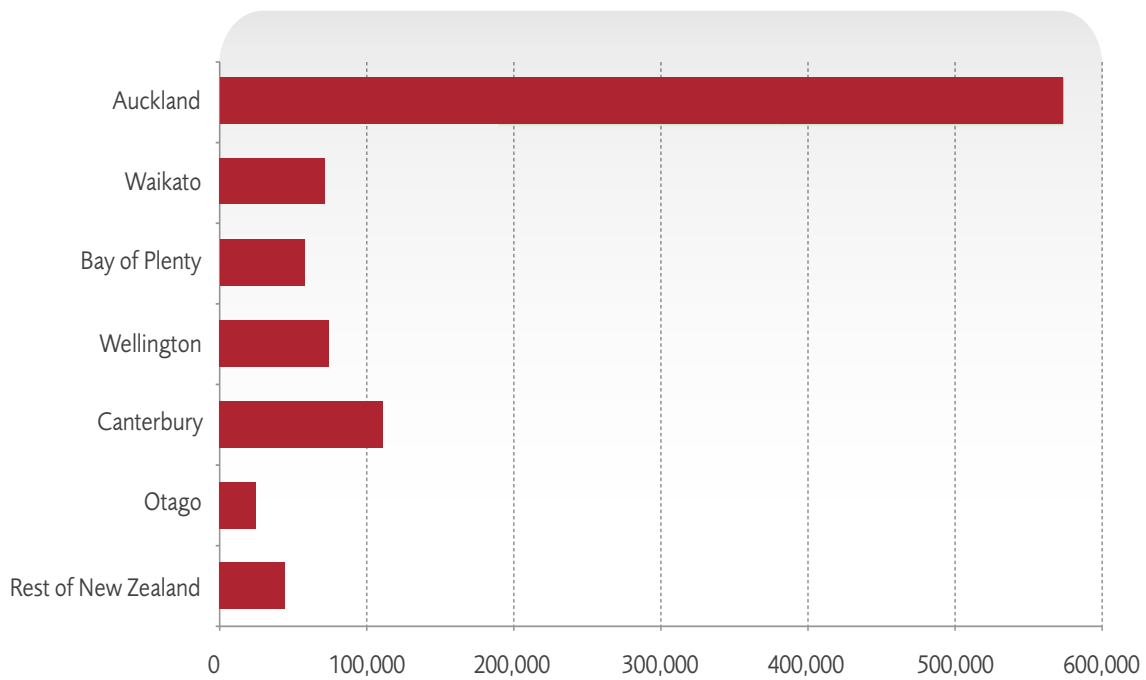
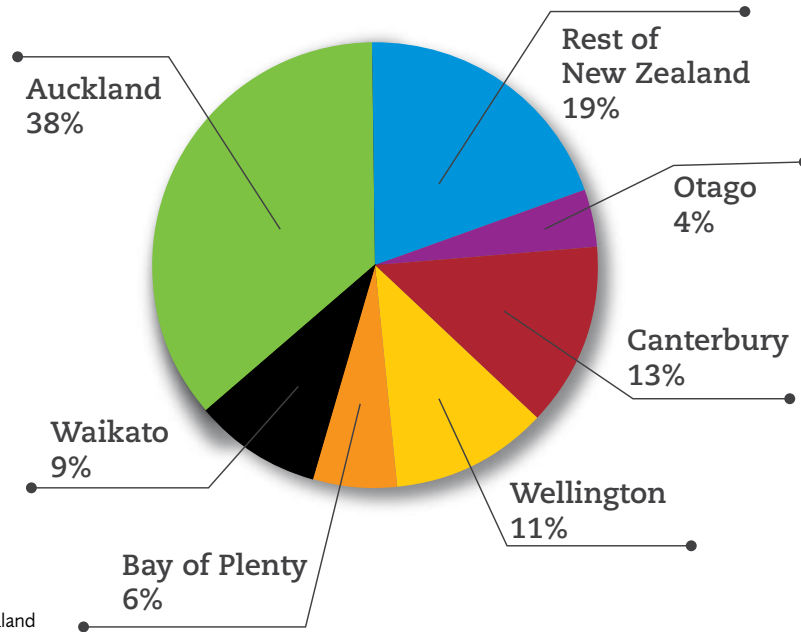
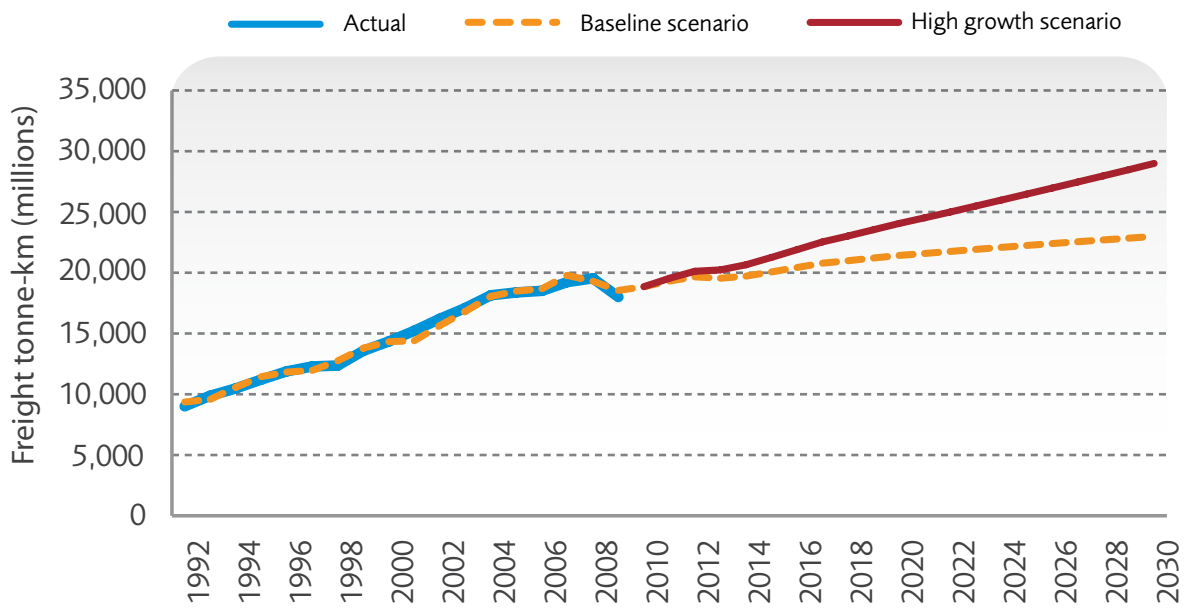


Figure 9 – Projected New Zealand population in 2031



Source: Statistics New Zealand

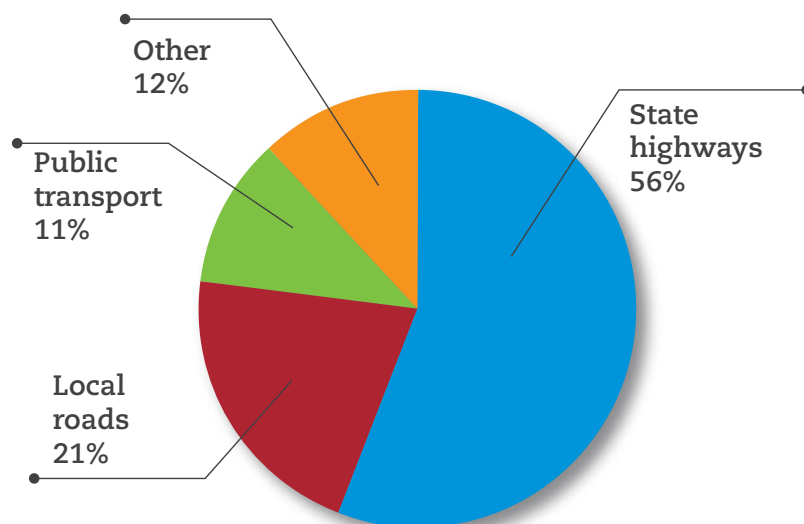
Figure 10 – Freight tonne-kilometre projections



Source: Ministry of Transport

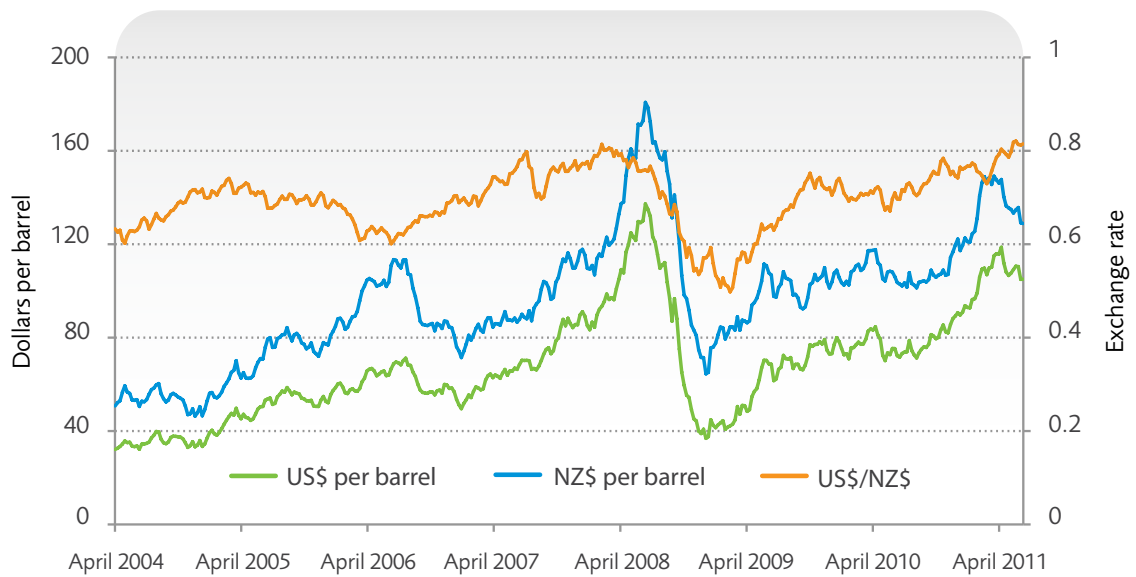
Figure 11 – Likely National Land Transport Fund expenditure

(excludes direct government funding referred to below)



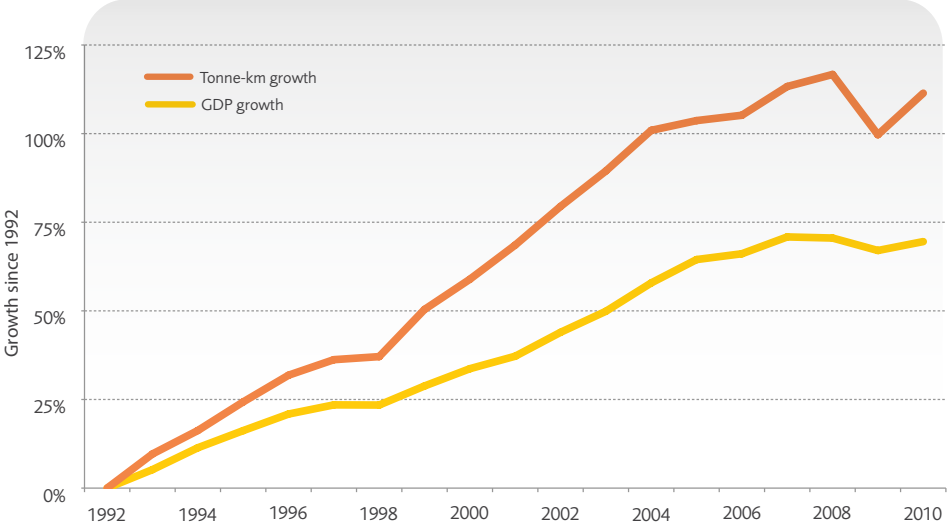
Source: Government Policy Statement on Land Transport Funding 2012/13–2021/22

Figure 12 – Dubai crude oil price and exchange rates



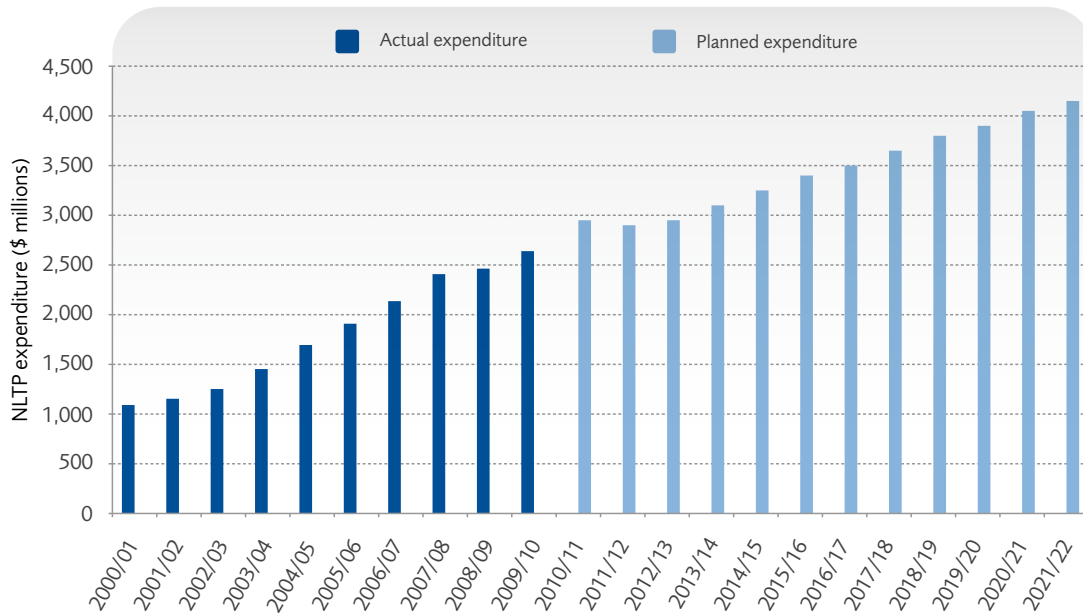
Data source: Ministry of Economic Development

Figure 13 – Relative growth in tonne-kilometres and gross domestic product since 1992



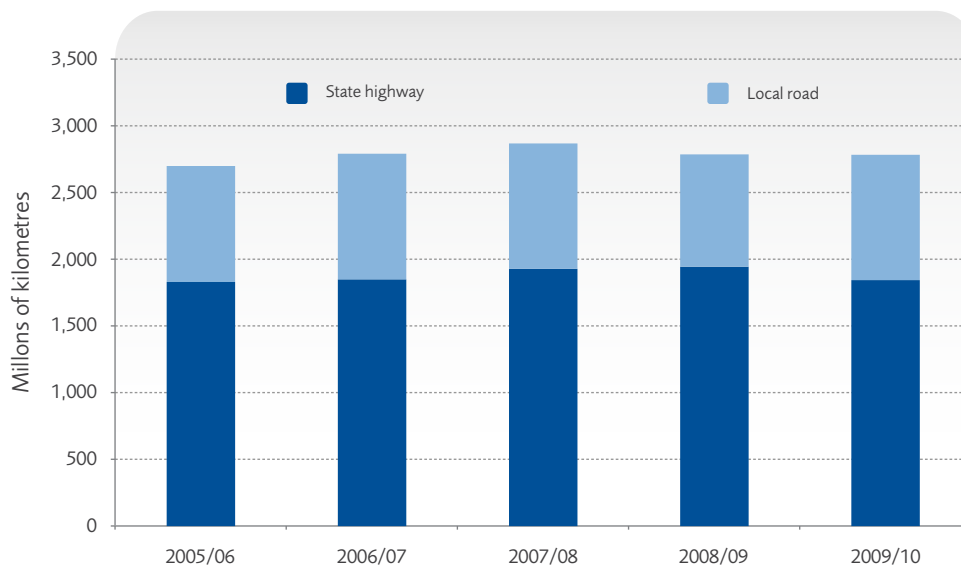
Source: Ministry of Transport and Statistics New Zealand

Figure 14 – National Land Transport Programme expenditure



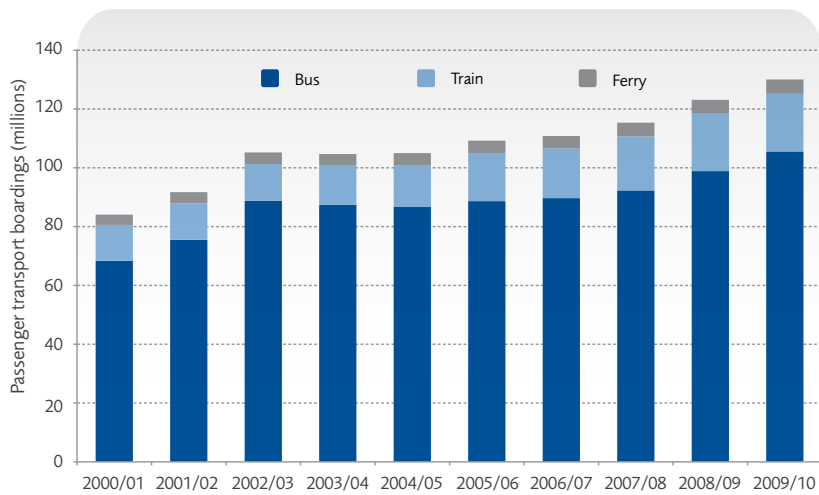
Source: Ministry of Transport

Figure 15 – Heavy vehicle travel on State highways and local roads



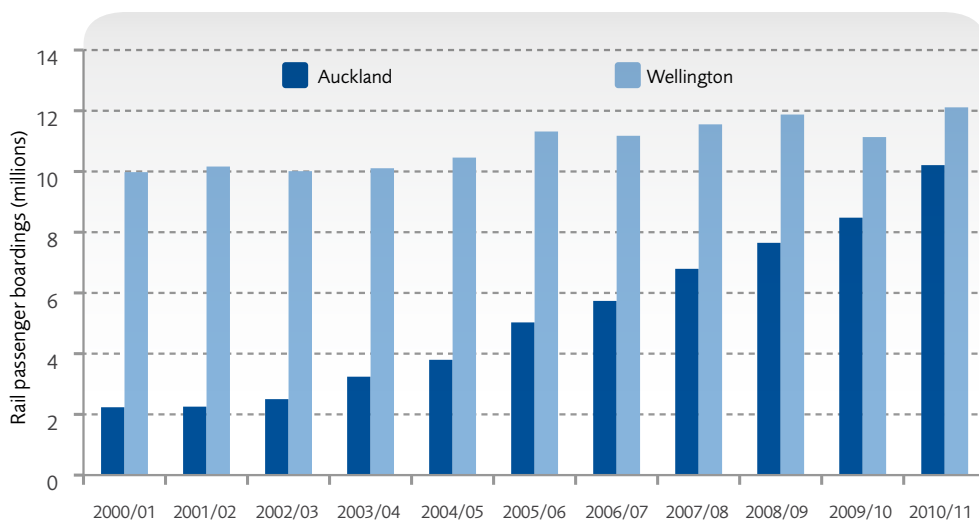
Source: Ministry of Transport

Figure 16 – Total passenger transport boardings



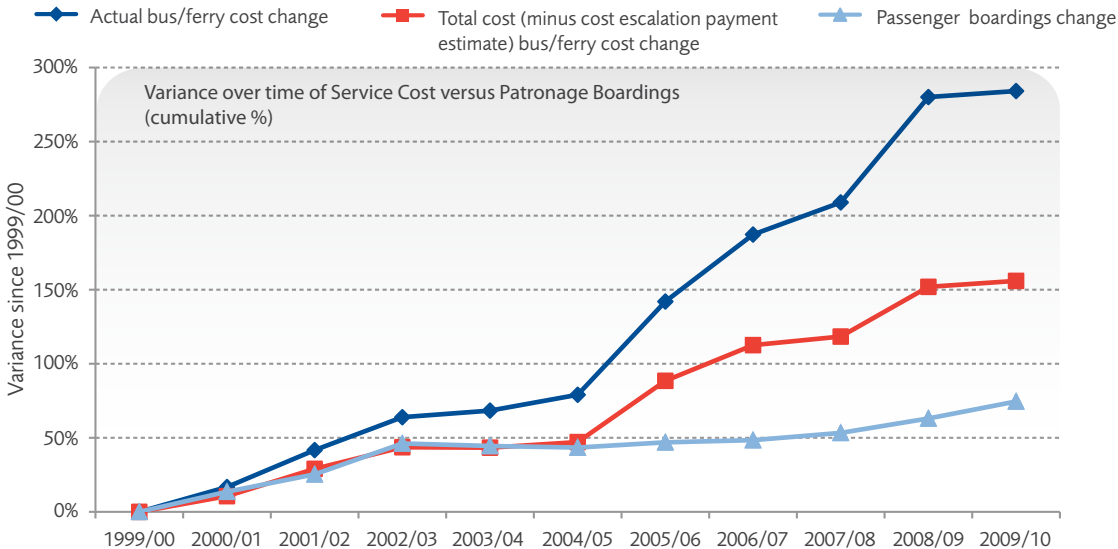
Source: Ministry of Transport

Figure 17 – Rail passenger boardings in Auckland and Wellington



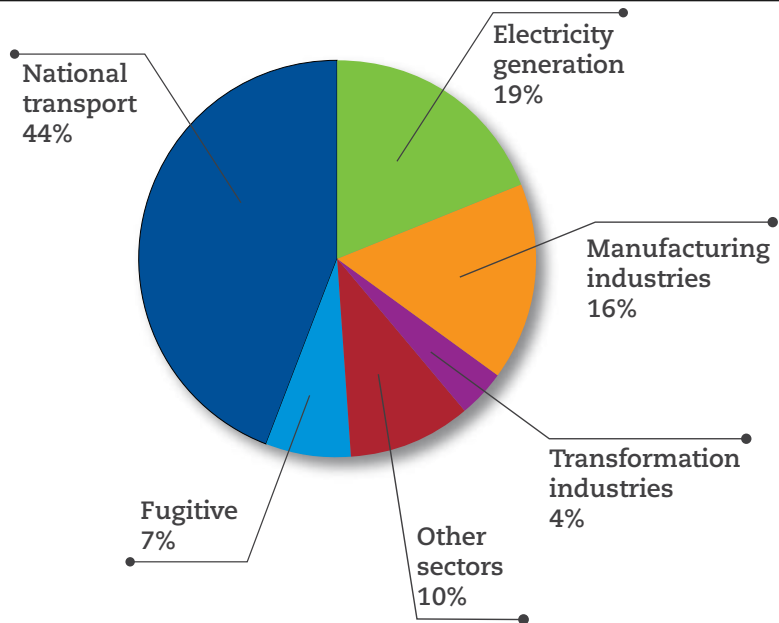
Source: Ministry of Transport

Figure 18 – Variance over time of service cost versus patronage boardings



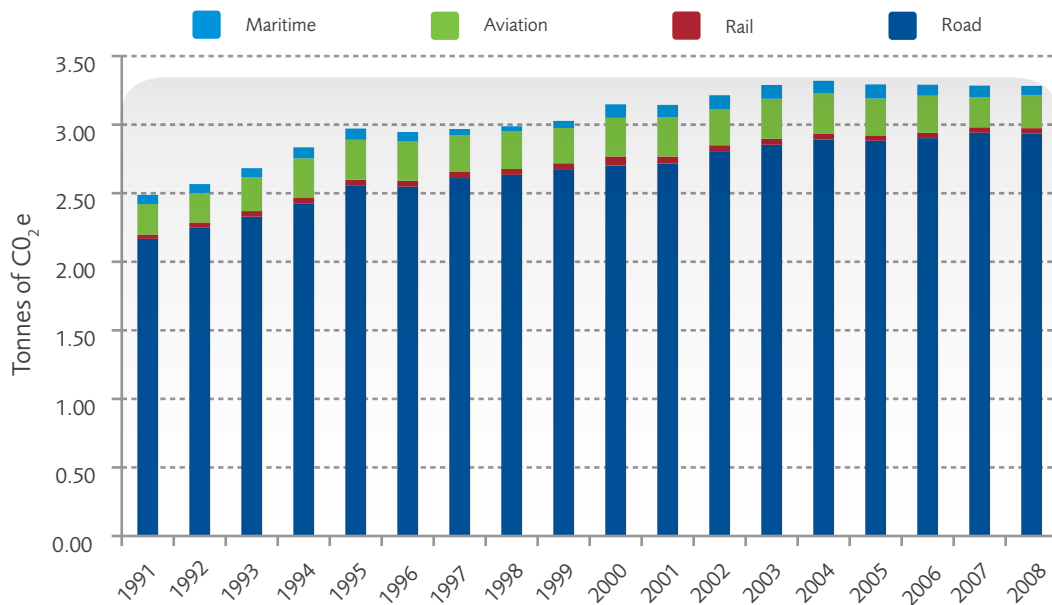
Source: NZ Transport Agency

Figure 19 – Energy emissions by sector in 2009



Source: New Zealand Energy Greenhouse Gas Emissions. Ministry of Economic Development; 2010; p10
 (The supply and consumption of energy accounted for 44 percent of total New Zealand emissions in 2009.)

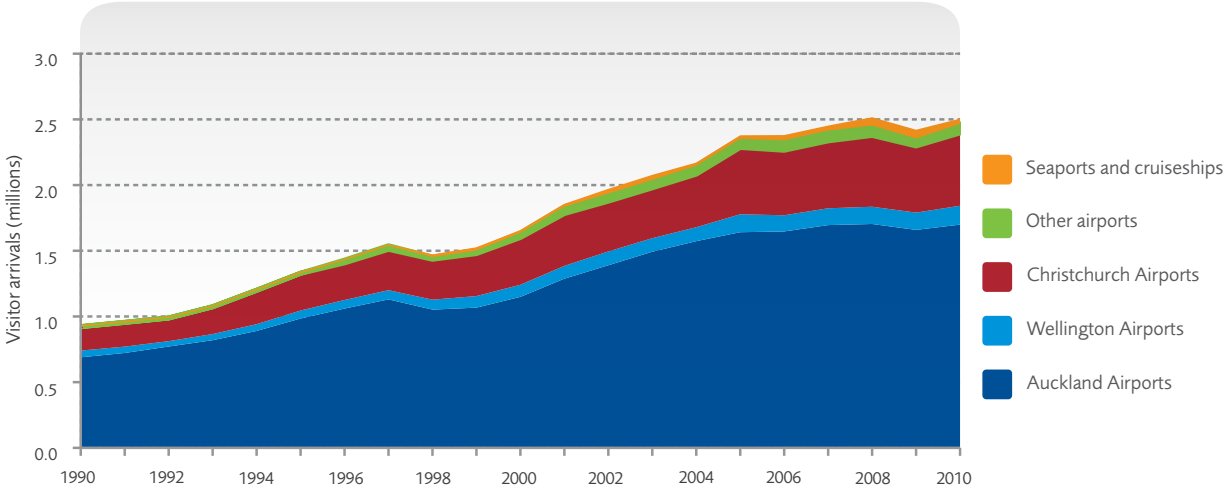
Figure 20 – Tonnes of CO₂ e* per capita from domestic transport



* carbon dioxide equivalent emissions

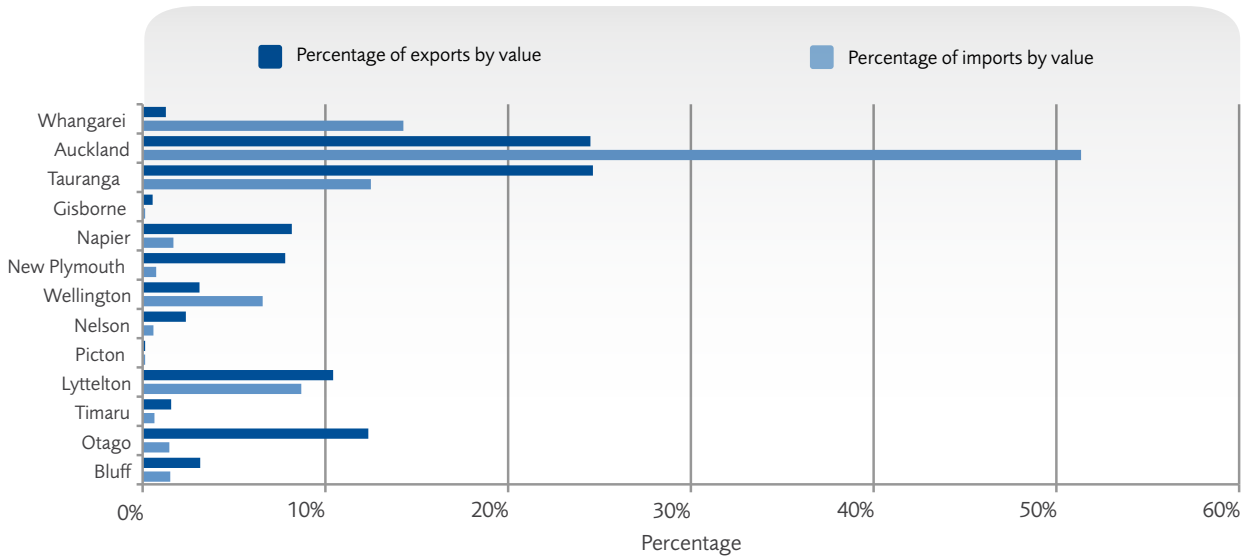
Source: Ministry of Transport

Figure 21 – Visitor arrivals



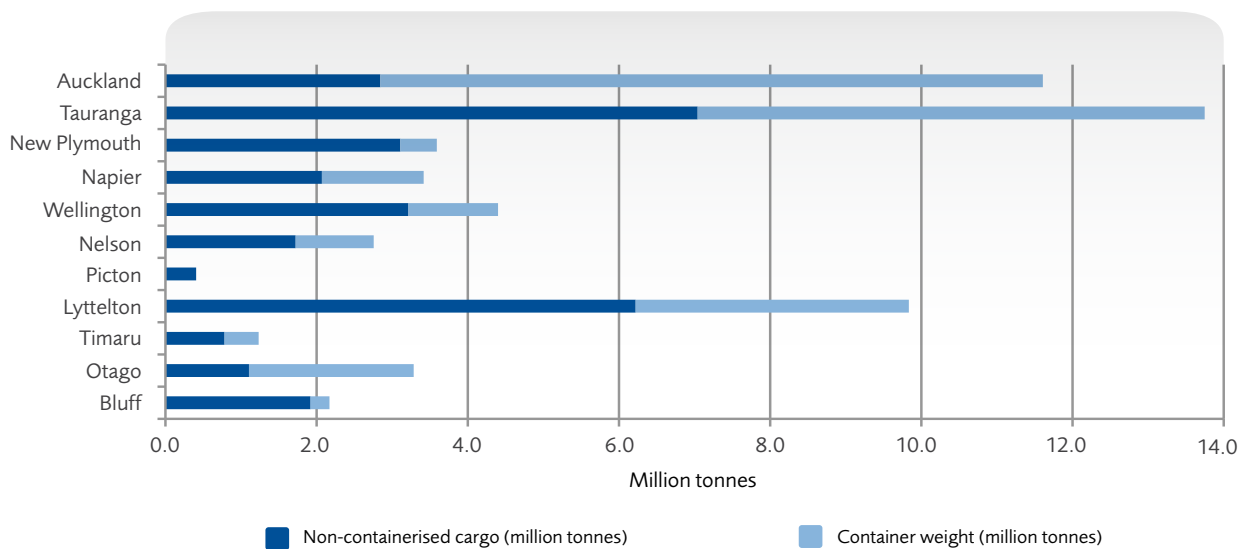
Source: Statistics New Zealand

Figure 22 – Distribution of seaborne trade by value 2009/10



Source: Statistics New Zealand

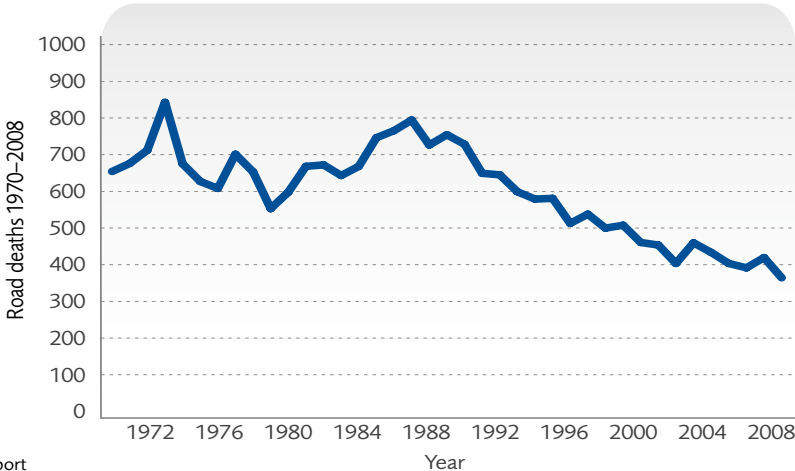
Figure 23 – Cargo volumes by port 2008/09



Source: New Zealand Port Sector Report 2010, Rockpoint Corporate Finance Ltd

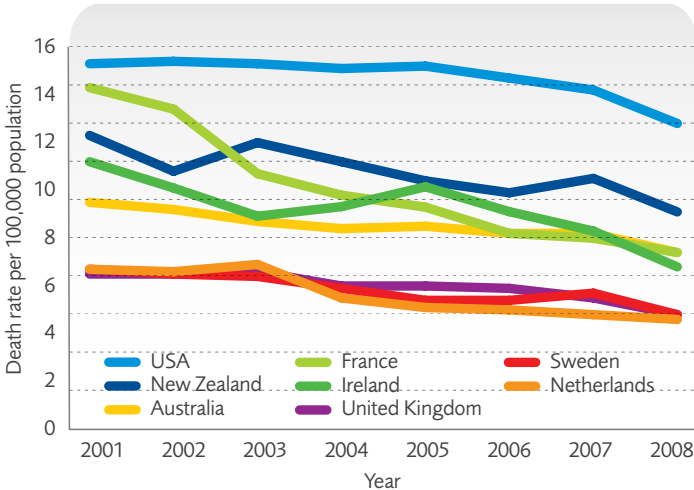
Note: Excludes Whangarei (6.7 million tonnes) and Gisborne (0.8 million tonnes) according to Statistics New Zealand

Figure 24 – Number of road deaths 1970–2008



Source: Ministry of Transport

Figure 25 – Road deaths per 100,000 population



Source: Safer Journeys: New Zealand's Road Safety Strategy 2010–2020

Figure 26 – The Safe System



Source: Safer Journeys