



economics

Report to:

New Zealand Society of Local Government Managers

**PROJECTIONS OF NATIONAL AND REGIONAL
HOUSEHOLD INCOME TO 2019**

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Projections of national & regional household incomes

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1 Introduction

This report has been prepared by BERL for the New Zealand Society of Local Government Managers (SOLGM). It provides median household income projections by household composition to 2009, 2014, and 2019. Projections are provided at a national level as well as for the 16 Regions.

The projections of household income are based on wage rate growth projections, which came from BERL's Computable General Equilibrium (CGE) model to 2019. Household projections by household type are based on Statistics New Zealand projections of households by type and region, but have been adjusted to account for differences between estimates and census counts.

The following paragraphs summarise the recent developments of the world and the New Zealand economies, which would impact on the demand of New Zealand goods and services. This would then impact on the New Zealand job market and the future household income.

1.1.1 World Economy

Despite the current financial meltdown, the world economy is expected to grow with developed countries growing at two to three percent and developing countries growing at around five to eight percent per annum.

We are not forecasting any significant global events that will change global activity or trade dramatically over the long term. Bilateral trade agreements between New Zealand and our major trade partners continue despite shrinking purchasing power and easing demand from our trading partners. Over the past few months, we see an increasing interaction among different economies (mainly central banks) to provide more liquidity to the market.

Oil prices and the demand for commodities (notably dairy, sheep and beef, aquaculture, but also forestry products) are expected to ease in the near term. We observe continuously declining crude oil prices and a cut the latest OPEC financial projection reinforcing a period of consolidation, with energy prices settling around the current level.

1.1.2 New Zealand Economy

New Zealand's population continues to grow at a modest rate. The natural increase (births less deaths) rate is expected to rise as births increase and net migration is above the long-term average at around 20,000 per annum over the longer term.

The labour market remains tight resulting in higher labour force participation – both in terms

of the number of working age population but also older people delaying retirement and taking on part-time options.

Taxes are lowered resulting in increased household disposable income, which is a welcome relief for households facing increasing prices. In the short run, household consumption would maintain its current level as the turmoil of the financial market continues and uncertainties remain.

Labour productivity skims along at the higher end of the long term average of 1.0 percent per annum. Productivity eases off slightly in the latter half of the projections.

Exchange rates return to the long term average of around US\$0.60, although facing huge downward pressure especially when the speculative elements exit New Zealand. Interest rates are expected to go lower in line with global rates and on-going recession concerns. The central banks around the world have been slashing rates since the start of this financial turmoil.

2 Method

This section describes the method used to project household income from 2006 to 2019, including projections for household numbers and wage rates.

Data series obtained from Statistics New Zealand include:

- projected families and household number by region
- household income category by household composition by region
- wage rates by occupation
- median income by household composition by region

2.1 Household projection

The projections for the forecast period are based on a business as usual scenario. This means we expect a modest recovery, from current downturn over the longer term.

A medium growth scenario of household numbers obtained from Statistics New Zealand was used, which assumes a 0.93% growth per annum for New Zealand as a whole in the next 15 years. The Auckland (1.6%pa), Bay of Plenty (1.2%pa), and Tasman (1.1%pa) regions are the fastest growth regions in terms of household numbers. The Taranaki (-0.09%pa), West Coast (-0.16%pa), and Southland (-0.37%pa) regions are the only three regions with negative household number growth.

We also tested the results of a high growth scenario with positive growth of household numbers across the country. However, we found the results are similar to a medium growth scenario.

The household type categories include:

- one-family household, couple only
- one-family household, couple with child(ren) only
- one-family household, one parent with child(ren) only
- other one-family household
- one-person household

- all other households

2.2 Wage rates projection

The projections of wage rates are based on BERL Computable General Equilibrium (CGE) model projections of changes in wage rates by occupation to 2019. Household projections by household type are based on Statistics New Zealand projections of households by type and region, but have been adjusted to account for differences between estimates and census counts.

3 Household income, national, 2006 to 2019

This section presents national projections for household income, based on the underlying assumptions used in the computable general equilibrium model.

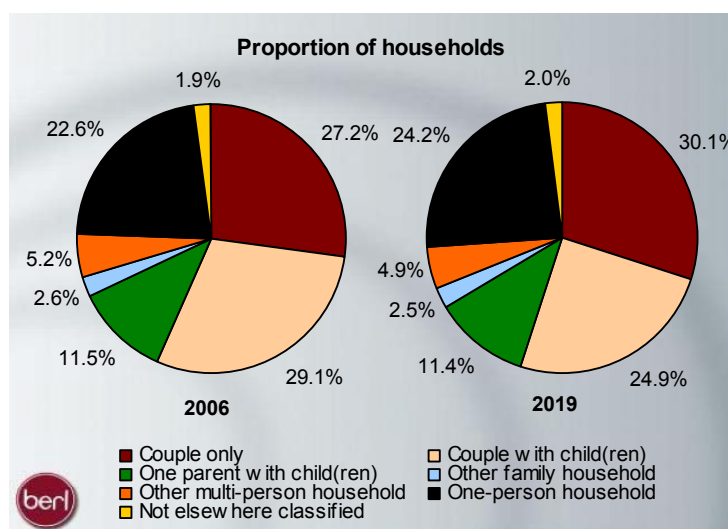
3.1 Changes in household composition

Figure 3.1 presents the changes in the composition of households in New Zealand to 2019.

The total number of households is expected to rise from 1.45 million in 2006 to 1.51 million in 2009, and 1.64 million by 2019. The strongest growth occurs in the couple only and one-person households. Meanwhile, the only group to see numbers fall over the period is couples with children, as projected by Statistics New Zealand.

By 2019, the composition of New Zealand's households will have marginal change apart from the shrinking projection of couple with child(ren) households, as shown in Figure 3.1.

Figure 3.1 Composition of New Zealand households



In 2019, couple only households are expected to become the largest household type in New Zealand, accounting for 30.1% of the total. Couple with child(ren) households fall to second in 15 years' 2019 (24.9%). The remaining household types stay at similar projections as in 2006.

3.2 Changes in household income

Over the period from 2006 to 2019, the median household income in New Zealand is expected to rise from \$51,400 to around \$74,800. Different household types will benefit to a

greater or lesser degree from rising wages, as shown in Table 3.1.

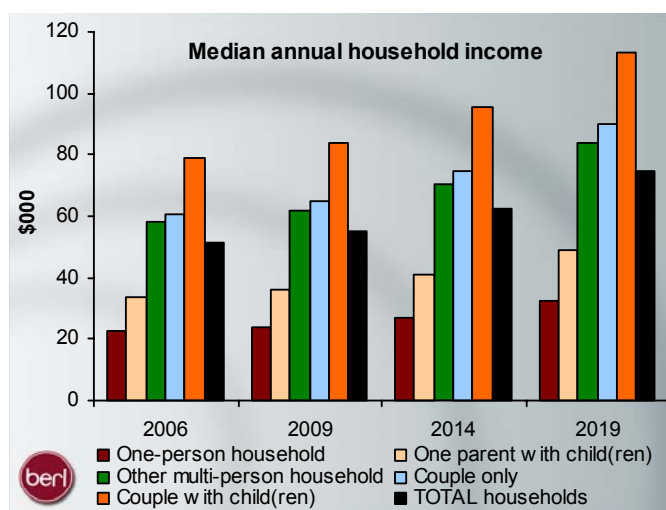
Table 3.1 New Zealand median household incomes

| Total New Zealand median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <i>Couple only</i> | 60,776 | 64,986 | 74,480 | 89,750 | 2.26 | 2.76 | 3.80 | 3.28 |
| <i>Couple with child(ren)</i> | 78,699 | 84,084 | 95,299 | 113,562 | 2.23 | 2.54 | 3.57 | 3.05 |
| <i>One parent with child(ren)</i> | 33,526 | 35,824 | 40,779 | 48,805 | 2.23 | 2.62 | 3.66 | 3.14 |
| <i>Other family household</i> | 77,182 | 82,461 | 93,431 | 111,303 | 2.23 | 2.53 | 3.56 | 3.04 |
| Total family household | 64,342 | 68,767 | 78,391 | 93,955 | 2.24 | 2.65 | 3.69 | 3.17 |
| Other multi-person household | 57,900 | 61,860 | 70,301 | 84,000 | 2.23 | 2.59 | 3.62 | 3.11 |
| One-person household | 22,400 | 23,932 | 27,146 | 32,374 | 2.23 | 2.55 | 3.59 | 3.07 |
| TOTAL households | 51,400 | 54,924 | 62,506 | 74,792 | 2.24 | 2.62 | 3.65 | 3.14 |

Couples with children have the highest median household income across all years, and along with other multi-person households have the largest percentage increases in income. Other family households, which make up just 2.6 percent of households in 2006, have the next highest incomes. One-person households have the lowest incomes to begin with, and are expected to experience slow growth in the next 15 years.

Figure 3.2 presents the changes in median income of each of the largest household types in graphic form.

Figure 3.2 New Zealand median annual household incomes



4 Household income by region, 2006 to 2019

This section includes the household income projections for 16 regions in New Zealand. We also compare the household composition for 2006 and 2019 for each region.

4.1 Northland Region

In the Northland region, couple with child(ren) households are expected to see a significant increase in their income over the long term, followed by couple only households.

However, the overall household incomes are relatively low compared to the rest of the country.

Table 4.1 Northland Region median household incomes to 2019

| Northland Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 48,445 | 51,755 | 58,812 | 70,267 | 2.23 | 2.59 | 3.62 | 3.10 |
| <i>Couple with child(ren)</i> | 65,432 | 69,885 | 79,785 | 95,770 | 2.22 | 2.69 | 3.72 | 3.20 |
| <i>One parent with child(ren)</i> | 29,018 | 30,990 | 34,987 | 41,530 | 2.22 | 2.46 | 3.49 | 2.97 |
| <i>Other family household</i> | 55,442 | 59,227 | 67,768 | 81,526 | 2.23 | 2.73 | 3.77 | 3.25 |
| Total family household | 51,368 | 54,869 | 62,376 | 74,554 | 2.22 | 2.60 | 3.63 | 3.11 |
| Other multi-person household | 41,900 | 44,764 | 50,840 | 60,709 | 2.23 | 2.58 | 3.61 | 3.09 |
| One-person household | 19,100 | 20,392 | 22,876 | 26,981 | 2.21 | 2.32 | 3.36 | 2.84 |
| TOTAL households | 40,200 | 42,954 | 48,654 | 57,944 | 2.23 | 2.52 | 3.56 | 3.04 |

Figure 4.1 Northland Region median annual household incomes

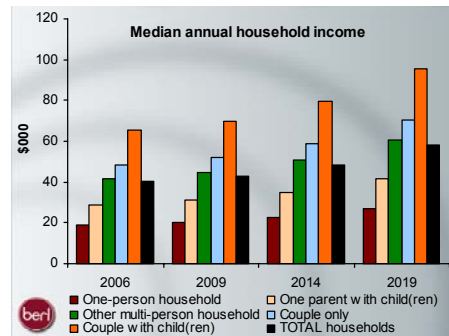
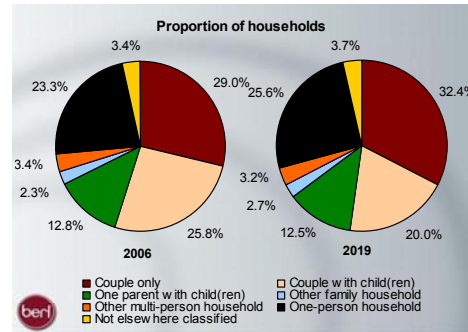


Figure 4.2 Composition of Northland Region households



4.2 Auckland Region

The Auckland region is expected to remain the region with the highest household income in New Zealand.

One-person households and one parent with child(ren) households would grow faster than the regional average, as shown in Table 4.2, whereas couple only households are expected to have the slowest income growth.

Table 4.2 Auckland Region median household incomes to 2019

| Auckland Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 74,695 | 79,863 | 90,144 | 106,980 | 2.25 | 2.45 | 3.48 | 2.97 |
| <i>Couple with child(ren)</i> | 89,362 | 95,454 | 108,296 | 129,182 | 2.22 | 2.56 | 3.59 | 3.07 |
| <i>One parent with child(ren)</i> | 39,067 | 41,790 | 47,609 | 57,027 | 2.27 | 2.64 | 3.68 | 3.16 |
| <i>Other family household</i> | 89,012 | 95,094 | 108,067 | 129,123 | 2.23 | 2.59 | 3.62 | 3.11 |
| Total family household | 76,263 | 81,508 | 92,377 | 110,077 | 2.24 | 2.54 | 3.57 | 3.05 |
| Other multi-person household | 72,900 | 77,852 | 88,110 | 104,845 | 2.21 | 2.51 | 3.54 | 3.02 |
| One-person household | 27,300 | 29,242 | 33,426 | 40,172 | 2.32 | 2.71 | 3.75 | 3.23 |
| TOTAL households | 63,400 | 67,741 | 76,817 | 91,587 | 2.23 | 2.55 | 3.58 | 3.06 |

Figure 4.3 Auckland Region median annual household incomes

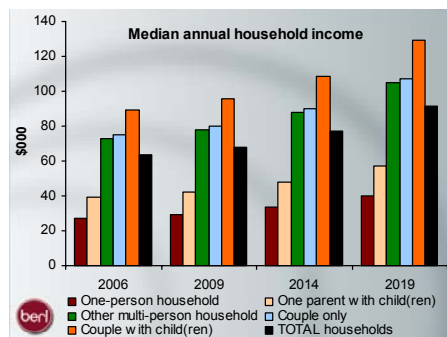
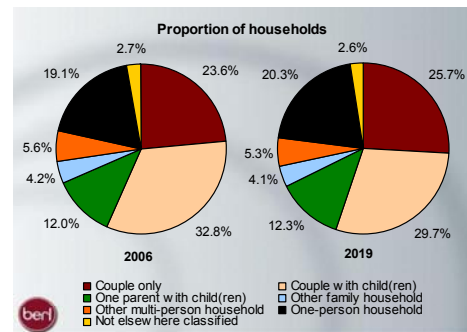


Figure 4.4 Composition of Auckland Region households



4.3 Waikato Region

On average, couple only households in the Waikato region would enjoy a higher rate of income growth, which is then followed by one parent households with child(ren).

Couple with child(ren) households would expect a relatively slower income growth in the next 15 years.

Table 4.3 Waikato Region median household incomes to 2019

| Waikato Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 58,047 | 62,038 | 70,911 | 85,218 | 2.24 | 2.71 | 3.74 | 3.23 |
| <i>Couple with child(ren)</i> | 75,107 | 80,258 | 90,644 | 107,637 | 2.24 | 2.46 | 3.50 | 2.98 |
| <i>One parent with child(ren)</i> | 32,021 | 34,182 | 38,911 | 46,572 | 2.20 | 2.63 | 3.66 | 3.14 |
| <i>Other family household</i> | 86,053 | 91,918 | 103,800 | 123,245 | 2.22 | 2.46 | 3.49 | 2.98 |
| Total family household | 61,554 | 65,768 | 74,804 | 89,456 | 2.23 | 2.61 | 3.64 | 3.12 |
| Other multi-person household | 53,900 | 57,568 | 65,339 | 77,971 | 2.22 | 2.56 | 3.60 | 3.08 |
| One-person household | 21,800 | 23,259 | 26,383 | 31,466 | 2.18 | 2.55 | 3.59 | 3.07 |
| TOTAL households | 49,500 | 52,896 | 60,209 | 72,056 | 2.24 | 2.62 | 3.66 | 3.14 |

Figure 4.5 Waikato Region median annual household incomes

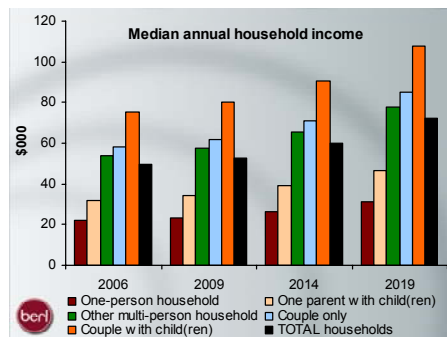
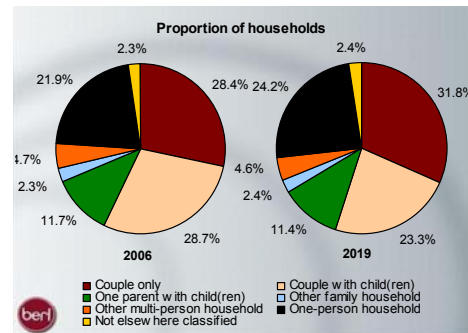


Figure 4.6 Composition of Waikato Region households



4.4 Bay of Plenty Region

In the Bay of Plenty region, income growth is very much around the same level across all household types.

Couple only households would see their income grow slightly faster than the rest of the region in the next 15 years.

Table 4.4 Bay of Plenty Region median household incomes to 2019

| Bay of Plenty Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 53,683 | 57,389 | 65,189 | 77,854 | 2.25 | 2.58 | 3.61 | 3.10 |
| <i>Couple with child(ren)</i> | 70,681 | 75,456 | 85,495 | 101,849 | 2.20 | 2.53 | 3.56 | 3.04 |
| <i>One parent with child(ren)</i> | 30,347 | 32,456 | 36,843 | 43,973 | 2.27 | 2.57 | 3.60 | 3.08 |
| <i>Other family household</i> | 85,005 | 90,722 | 102,729 | 122,305 | 2.19 | 2.52 | 3.55 | 3.03 |
| Total family household | 56,865 | 60,762 | 68,954 | 82,274 | 2.23 | 2.56 | 3.60 | 3.08 |
| Other multi-person household | 51,900 | 55,452 | 62,919 | 75,060 | 2.23 | 2.56 | 3.59 | 3.07 |
| One-person household | 20,200 | 21,610 | 24,518 | 29,246 | 2.28 | 2.56 | 3.59 | 3.07 |
| TOTAL households | 45,400 | 48,510 | 55,013 | 65,595 | 2.23 | 2.55 | 3.58 | 3.06 |

Figure 4.7 Bay of Plenty Region median annual household incomes

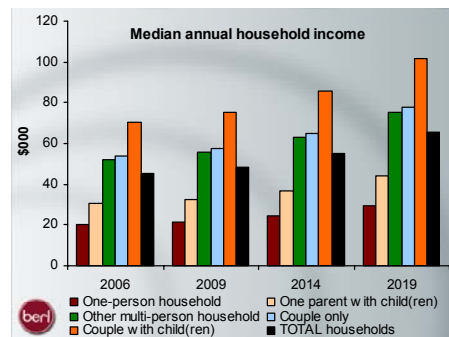
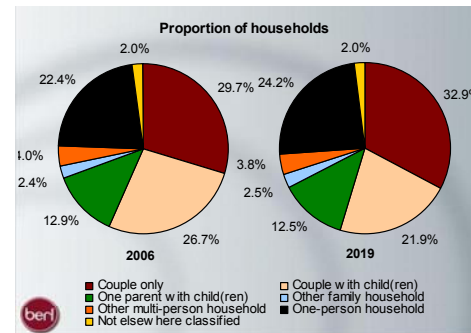


Figure 4.8 Composition of Bay of Plenty Region households



4.5 Gisborne Region

Different from most of the regions in New Zealand, in the Gisborne region couples with child(ren) are expected to grow their income much faster than other household types. This household type currently earns around \$69,000 a year.

One parent households with child(ren) are expected to have a slightly lower income growth over the next 10 years.

Table 4.5 Gisborne Region median household incomes to 2019

| Gisborne Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 51,918 | 55,559 | 63,325 | 75,886 | 2.28 | 2.65 | 3.69 | 3.17 |
| <i>Couple with child(ren)</i> | 64,498 | 69,029 | 79,003 | 95,065 | 2.29 | 2.74 | 3.77 | 3.25 |
| <i>One parent with child(ren)</i> | 28,186 | 30,159 | 34,126 | 40,598 | 2.28 | 2.50 | 3.53 | 3.02 |
| <i>Other family household</i> | 63,082 | 67,515 | 77,469 | 93,459 | 2.29 | 2.79 | 3.82 | 3.31 |
| Total family household | 51,755 | 55,386 | 63,119 | 75,631 | 2.29 | 2.65 | 3.68 | 3.16 |
| Other multi-person household | 46,900 | 50,186 | 57,179 | 68,493 | 2.28 | 2.64 | 3.68 | 3.16 |
| One-person household | 19,500 | 20,857 | 23,435 | 27,685 | 2.27 | 2.36 | 3.39 | 2.87 |
| TOTAL households | 41,000 | 43,808 | 49,601 | 59,047 | 2.23 | 2.52 | 3.55 | 3.03 |

Figure 4.9 Gisborne Region median annual household incomes

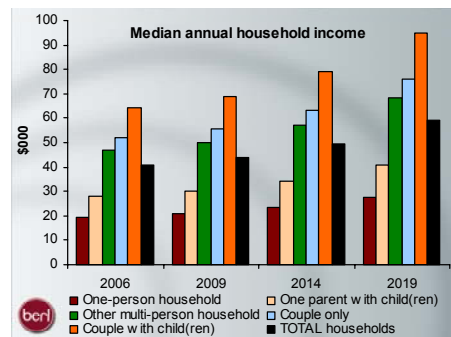
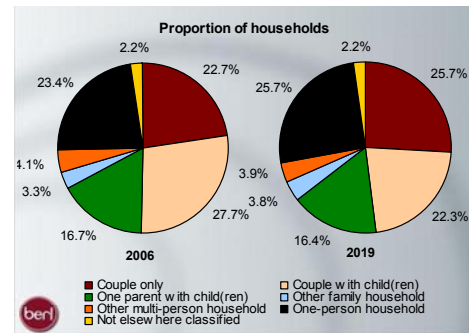


Figure 4.10 Composition of Gisborne Region households



4.6 Hawke's Bay Region

In the Hawke's Bay region household income would grow at the rate of around 3.06% from 2009 to 2019. Income growth is around the same rate across all household types.

Table 4.6 Hawke's Bay Region median household incomes to 2019

| Hawke's Bay Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 54,237 | 58,002 | 65,942 | 78,823 | 2.26 | 2.60 | 3.63 | 3.11 |
| <i>Couple with child(ren)</i> | 69,316 | 74,038 | 84,029 | 100,272 | 2.22 | 2.56 | 3.60 | 3.08 |
| <i>One parent with child(ren)</i> | 30,856 | 33,014 | 37,472 | 44,719 | 2.28 | 2.57 | 3.60 | 3.08 |
| <i>Other family household</i> | 90,585 | 96,784 | 109,895 | 131,195 | 2.23 | 2.57 | 3.61 | 3.09 |
| Total family household | 56,895 | 60,821 | 69,091 | 82,519 | 2.25 | 2.58 | 3.62 | 3.10 |
| Other multi-person household | 49,200 | 52,609 | 59,768 | 71,391 | 2.26 | 2.58 | 3.62 | 3.10 |
| One-person household | 20,000 | 21,411 | 24,315 | 29,032 | 2.30 | 2.58 | 3.61 | 3.09 |
| TOTAL households | 44,200 | 47,227 | 53,543 | 63,824 | 2.23 | 2.54 | 3.58 | 3.06 |

Figure 4.11 Hawke's Bay Region median annual household incomes

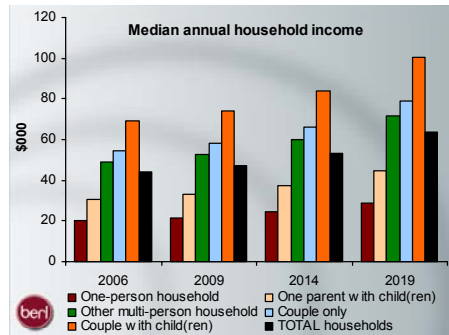
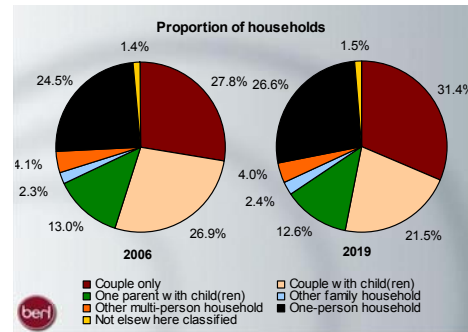


Figure 4.12 Composition of Hawke's Bay Region households



4.7 Taranaki Region

The top three households with the fastest income growth in the Taranaki region are couple only, one-person, and one parent with child(ren) households.

Table 4.7 Taranaki Region median household incomes to 2019

| Taranaki Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 54,012 | 57,660 | 65,347 | 77,867 | 2.20 | 2.53 | 3.57 | 3.05 |
| <i>Couple with child(ren)</i> | 70,457 | 75,115 | 84,974 | 101,068 | 2.16 | 2.50 | 3.53 | 3.01 |
| <i>One parent with child(ren)</i> | 30,173 | 32,221 | 36,463 | 43,384 | 2.21 | 2.50 | 3.54 | 3.02 |
| <i>Other family household</i> | 102,564 | 109,294 | 123,495 | 146,714 | 2.14 | 2.47 | 3.51 | 2.99 |
| Total family household | 57,527 | 61,383 | 69,508 | 82,756 | 2.19 | 2.52 | 3.55 | 3.03 |
| Other multi-person household | 51,900 | 55,410 | 62,791 | 74,814 | 2.21 | 2.53 | 3.57 | 3.05 |
| One-person household | 19,900 | 21,264 | 24,076 | 28,661 | 2.23 | 2.51 | 3.55 | 3.03 |
| TOTAL households | 44,700 | 47,763 | 54,187 | 64,635 | 2.23 | 2.56 | 3.59 | 3.07 |

Figure 4.13 Taranaki Region median annual household incomes

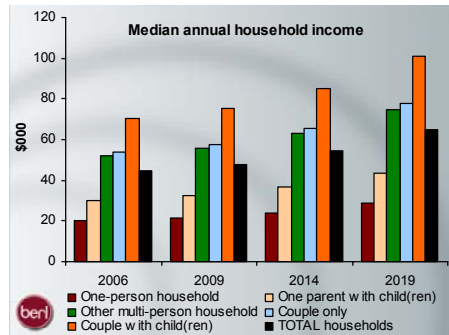
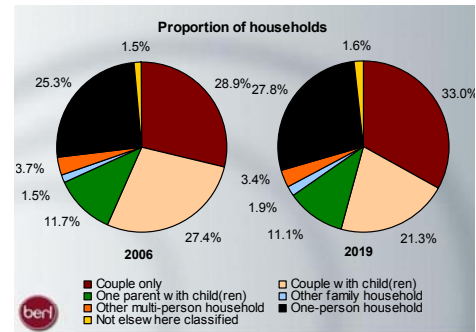


Figure 4.14 Composition of Taranaki Region households



4.8 Manawatu-Wanganui Region

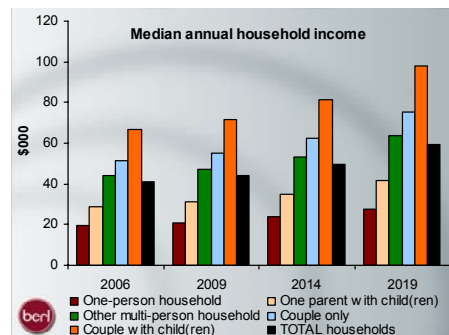
In the Manawatu-Wanganui region, incomes of couple with child(ren) households would grow faster than the average over the long term.

One-person households are expected to have slower growth in their incomes, which averages around 2.8% over the long term.

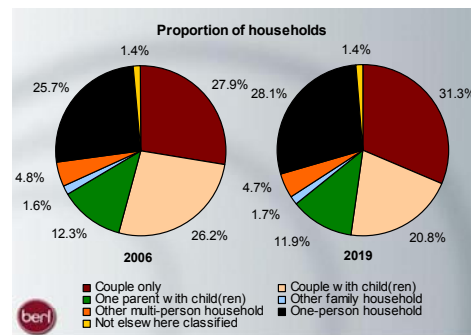
Table 4.8 Manawatu-Wanganui Region median household incomes to 2019

| Manawatu-Wanganui Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|---------------------|---------------------|---------------------|---------------------|
| <i>Couple only</i> | 51,581 | 55,108 | 62,702 | 75,010 | 2.23 | 2.62 | 3.65 | 3.13 |
| <i>Couple with child(ren)</i> | 66,893 | 71,456 | 81,692 | 98,194 | 2.22 | 2.71 | 3.75 | 3.23 |
| <i>One parent with child(ren)</i> | 29,069 | 31,065 | 35,045 | 41,568 | 2.24 | 2.44 | 3.47 | 2.96 |
| <i>Other family household</i> | 82,066 | 87,639 | 100,341 | 120,790 | 2.21 | 2.74 | 3.78 | 3.26 |
| Total family household | 54,121 | 57,821 | 65,794 | 78,715 | 2.23 | 2.62 | 3.65 | 3.13 |
| Other multi-person household | 44,100 | 47,119 | 53,540 | 63,963 | 2.23 | 2.59 | 3.62 | 3.10 |
| One-person household | 19,700 | 21,059 | 23,579 | 27,758 | 2.25 | 2.29 | 3.32 | 2.80 |
| TOTAL households | 41,200 | 44,024 | 49,863 | 59,381 | 2.23 | 2.52 | 3.56 | 3.04 |

**Figure 4.15 Manawatu-Wanganui Region
median annual household incomes**



**Figure 4.16 Composition of Manawatu-
Wanganui Region households**



4.9 Wellington Region

The Wellington region, the second highest income region in New Zealand, would see its one-person households and one parent households with child(ren) enjoying higher income growth over the long term. Couple only households are expected to have relatively slower income growth.

Table 4.9 Wellington Region median household incomes to 2019

| Wellington Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 72,057 | 77,012 | 87,105 | 103,586 | 2.24 | 2.49 | 3.53 | 3.01 |
| <i>Couple with child(ren)</i> | 91,271 | 97,539 | 110,548 | 131,732 | 2.24 | 2.54 | 3.57 | 3.05 |
| <i>One parent with child(ren)</i> | 37,327 | 39,883 | 45,411 | 54,362 | 2.23 | 2.63 | 3.66 | 3.15 |
| <i>Other family household</i> | 92,632 | 99,001 | 112,274 | 133,872 | 2.24 | 2.55 | 3.58 | 3.06 |
| Total family household | 75,195 | 80,360 | 91,066 | 108,502 | 2.24 | 2.53 | 3.57 | 3.05 |
| Other multi-person household | 65,500 | 69,969 | 79,364 | 94,648 | 2.22 | 2.55 | 3.59 | 3.07 |
| One-person household | 26,700 | 28,530 | 32,568 | 39,088 | 2.23 | 2.68 | 3.72 | 3.20 |
| TOTAL households | 59,700 | 63,794 | 72,331 | 86,225 | 2.24 | 2.54 | 3.58 | 3.06 |

Figure 4.17 Wellington Region median annual household incomes

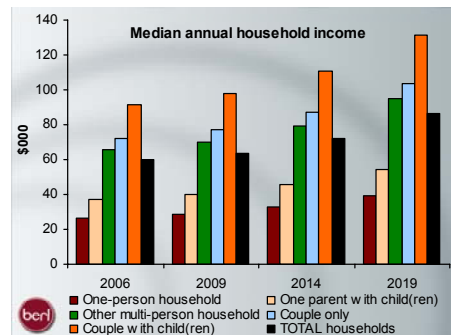
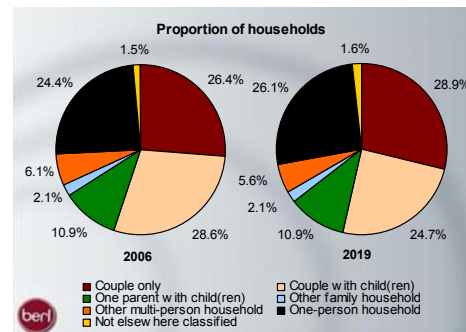


Figure 4.18 Composition of Wellington Region households



4.10 West Coast Region

In the West Coast region, one-person households and one parent households with child(ren) are expected to drive the growth of the regional income over the long term.

Couple with child(ren) households would see a below average income growth in the next 10 years.

Table 4.10 West Coast Region median household incomes to 2019

| West Coast Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 47,582 | 50,844 | 57,747 | 68,959 | 2.23 | 2.58 | 3.61 | 3.09 |
| <i>Couple with child(ren)</i> | 63,332 | 67,617 | 75,735 | 89,189 | 2.21 | 2.29 | 3.32 | 2.81 |
| <i>One parent with child(ren)</i> | 26,814 | 28,671 | 32,884 | 39,654 | 2.26 | 2.78 | 3.82 | 3.30 |
| <i>Other family household</i> | 115,005 | 123,317 | 139,635 | 166,240 | 2.35 | 2.52 | 3.55 | 3.03 |
| Total family household | 51,502 | 55,025 | 62,349 | 74,280 | 2.23 | 2.53 | 3.56 | 3.05 |
| Other multi-person household | 40,500 | 43,252 | 49,028 | 58,430 | 2.22 | 2.54 | 3.57 | 3.05 |
| One-person household | 18,500 | 19,798 | 22,823 | 27,662 | 2.29 | 2.88 | 3.92 | 3.40 |
| TOTAL households | 37,800 | 40,391 | 46,026 | 55,142 | 2.23 | 2.65 | 3.68 | 3.16 |

Figure 4.19 West Coast Region median annual household incomes

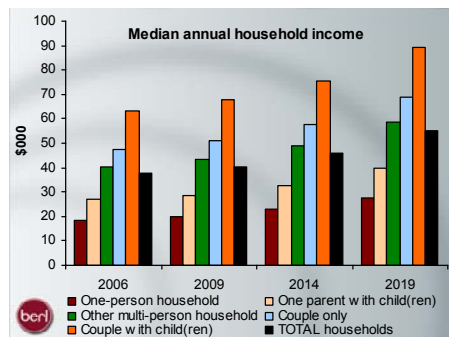
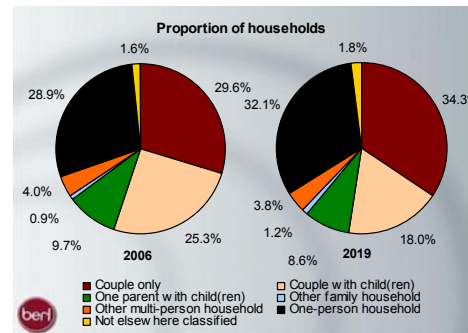


Figure 4.20 Composition of West Coast Region households



4.11 Canterbury Region

Couple with child(ren) households are likely to have higher income growth in the Canterbury region, especially over the long term.

One parent households with child(ren) and one-person households would be the slowest income growth household types in the Canterbury region from 2009 to 2019.

Table 4.11 Canterbury Region median household incomes to 2019

| Canterbury Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 56,638 | 60,560 | 69,487 | 83,830 | 2.26 | 2.79 | 3.82 | 3.31 |
| <i>Couple with child(ren)</i> | 73,306 | 78,336 | 91,166 | 111,552 | 2.24 | 3.08 | 4.12 | 3.60 |
| <i>One parent with child(ren)</i> | 32,931 | 35,168 | 39,589 | 46,857 | 2.22 | 2.40 | 3.43 | 2.91 |
| <i>Other family household</i> | 96,200 | 102,845 | 119,691 | 146,456 | 2.25 | 3.08 | 4.12 | 3.60 |
| Total family household | 60,761 | 64,941 | 74,690 | 90,318 | 2.24 | 2.84 | 3.87 | 3.35 |
| Other multi-person household | 52,900 | 56,494 | 64,647 | 77,780 | 2.22 | 2.73 | 3.77 | 3.25 |
| One-person household | 21,000 | 22,430 | 25,003 | 29,304 | 2.22 | 2.20 | 3.23 | 2.71 |
| TOTAL households | 47,900 | 51,183 | 58,354 | 69,950 | 2.23 | 2.66 | 3.69 | 3.17 |

Figure 4.21 Canterbury Region median annual household incomes

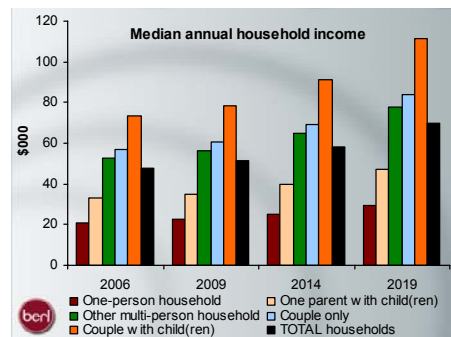
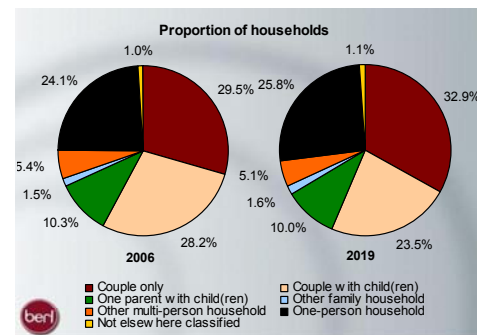


Figure 4.22 Composition of Canterbury Region households



4.12 Otago Region

In the Otago region, household incomes are expected to grow at around the same rate over the long term.

The incomes of couple only households would grow slightly higher than the rest of the household types, at the rate of 3.09% from 2009 to 2019.

Table 4.12 Otago Region median household incomes to 2019

| Otago Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 54,561 | 58,310 | 66,212 | 79,050 | 2.24 | 2.57 | 3.61 | 3.09 |
| <i>Couple with child(ren)</i> | 69,873 | 74,611 | 84,572 | 100,790 | 2.21 | 2.54 | 3.57 | 3.05 |
| <i>One parent with child(ren)</i> | 30,981 | 33,106 | 37,552 | 44,783 | 2.24 | 2.55 | 3.59 | 3.07 |
| <i>Other family household</i> | 103,421 | 110,466 | 125,295 | 149,420 | 2.22 | 2.55 | 3.58 | 3.07 |
| Total family household | 58,171 | 62,147 | 70,521 | 84,136 | 2.23 | 2.56 | 3.59 | 3.08 |
| Other multi-person household | 43,700 | 46,687 | 52,951 | 63,143 | 2.23 | 2.55 | 3.58 | 3.07 |
| One-person household | 20,500 | 21,912 | 24,844 | 29,617 | 2.25 | 2.54 | 3.58 | 3.06 |
| TOTAL households | 44,400 | 47,442 | 53,821 | 64,196 | 2.23 | 2.56 | 3.59 | 3.07 |

Figure 4.23 Otago Region median annual household incomes

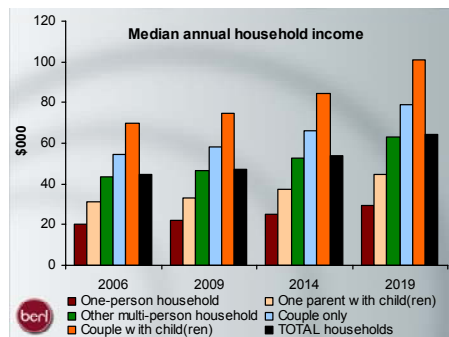
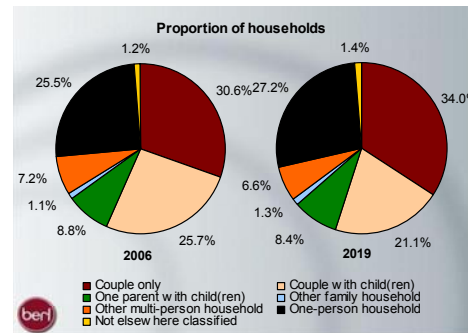


Figure 4.24 Composition of Otago Region households



4.13 Southland Region

A large proportion of households in the Southland region are couple only; the income of this household type would increase at a rate of 3.1% over the long term.

The income of the rest of the household types would also be growing in the next 10 years at a similar rate.

Table 4.13 Southland Region median household incomes to 2019

| Southland Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 52,575 | 56,183 | 63,813 | 76,205 | 2.24 | 2.58 | 3.61 | 3.10 |
| <i>Couple with child(ren)</i> | 68,155 | 72,757 | 82,540 | 98,452 | 2.20 | 2.56 | 3.59 | 3.07 |
| <i>One parent with child(ren)</i> | 28,950 | 30,945 | 35,090 | 41,835 | 2.25 | 2.55 | 3.58 | 3.06 |
| <i>Other family household</i> | 117,547 | 125,653 | 143,000 | 171,107 | 2.25 | 2.62 | 3.65 | 3.14 |
| Total family household | 56,542 | 60,401 | 68,567 | 81,838 | 2.22 | 2.57 | 3.60 | 3.08 |
| Other multi-person household | 49,300 | 52,654 | 59,739 | 71,262 | 2.22 | 2.56 | 3.59 | 3.07 |
| One-person household | 20,300 | 21,706 | 24,598 | 29,309 | 2.26 | 2.53 | 3.57 | 3.05 |
| TOTAL households | 44,200 | 47,228 | 53,586 | 63,925 | 2.23 | 2.56 | 3.59 | 3.07 |

Figure 4.25 Southland Region median annual household incomes

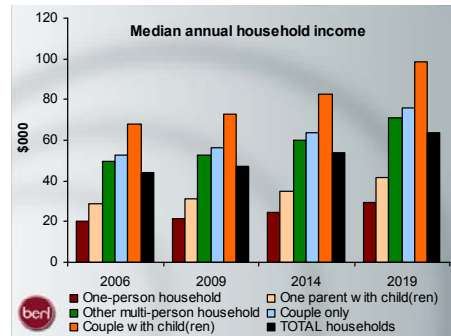
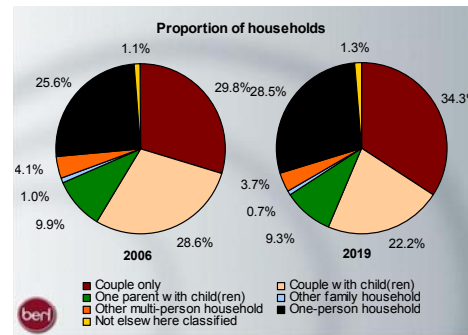


Figure 4.26 Composition of Southland Region households



4.14 Tasman Region

Despite the current low income levels for households in the Tasman region compared to New Zealand average, all of the household types would enjoy income growth over the next 10 years.

One parent households with child(ren) are expected to see their income growing at the rate of around 3.04% from 2009 to 2019, slightly behind the rest of the region.

Table 4.14 Tasman Region median household incomes to 2019

| Tasman Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 49,036 | 52,417 | 59,547 | 71,124 | 2.25 | 2.58 | 3.62 | 3.10 |
| <i>Couple with child(ren)</i> | 64,449 | 68,812 | 78,100 | 93,197 | 2.21 | 2.56 | 3.60 | 3.08 |
| <i>One parent with child(ren)</i> | 29,946 | 32,015 | 36,274 | 43,211 | 2.25 | 2.53 | 3.56 | 3.04 |
| <i>Other family household</i> | 96,814 | 103,408 | 117,430 | 140,208 | 2.22 | 2.58 | 3.61 | 3.09 |
| Total family household | 54,082 | 57,784 | 65,605 | 78,315 | 2.23 | 2.57 | 3.60 | 3.09 |
| Other multi-person household | 49,400 | 52,807 | 59,978 | 71,625 | 2.25 | 2.58 | 3.61 | 3.09 |
| One-person household | 19,500 | 20,857 | 23,623 | 28,133 | 2.27 | 2.52 | 3.56 | 3.04 |
| TOTAL households | 43,000 | 45,946 | 52,117 | 62,156 | 2.23 | 2.55 | 3.59 | 3.07 |

Figure 4.27 Tasman Region median annual household incomes

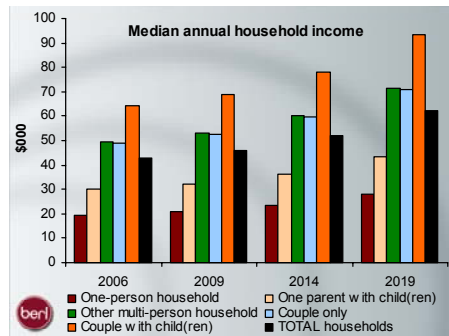
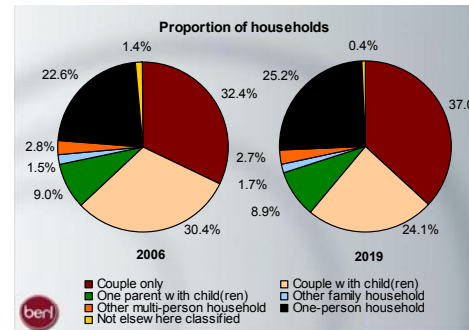


Figure 4.28 Composition of Tasman Region households



4.15 Nelson Region

All of the households in the Nelson region are expected to grow their income at the rate around 2.23% from 2006 to 2009 and 3.06% from 2009 to 2019.

Income growth rates are almost the same among all the household types.

Table 4.15 Nelson Region median household incomes to 2019

| Nelson Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|---|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 55,176 | 59,000 | 67,048 | 80,110 | 2.26 | 2.59 | 3.62 | 3.11 |
| <i>Couple with child(ren)</i> | 70,631 | 75,444 | 85,626 | 102,179 | 2.22 | 2.56 | 3.60 | 3.08 |
| <i>One parent with child(ren)</i> | 29,990 | 32,092 | 36,440 | 43,504 | 2.28 | 2.57 | 3.61 | 3.09 |
| <i>Other family household</i> | 83,757 | 89,465 | 101,638 | 121,402 | 2.22 | 2.58 | 3.62 | 3.10 |
| Total family household | 56,899 | 60,826 | 69,090 | 82,510 | 2.25 | 2.58 | 3.61 | 3.10 |
| Other multi-person household | 52,900 | 56,535 | 64,194 | 76,638 | 2.24 | 2.57 | 3.61 | 3.09 |
| One-person household | 20,100 | 21,515 | 24,426 | 29,158 | 2.29 | 2.57 | 3.60 | 3.09 |
| TOTAL households | 43,900 | 46,907 | 53,184 | 63,401 | 2.23 | 2.54 | 3.58 | 3.06 |

Figure 4.29 Nelson Region median annual household incomes

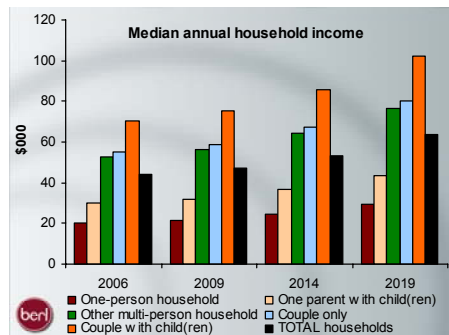
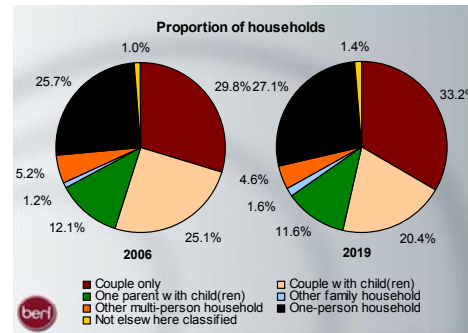


Figure 4.30 Composition of Nelson Region households



4.16 Marlborough Region

One parent households with child(ren) and couple only households stand out as the fastest income growing household types over the long term, 3.14% and 3.13% annually from 2009 to 2019.

Couple with child(ren) households' income would increase at a slightly slower rate than the rest of the households types over the long term. At the same time, the proportion of this household type in the Marlborough region is shrinking.

Table 4.16 Marlborough Region median household incomes to 2019

| Marlborough Region median annual household income (\$) | 2006 | 2009 | 2014 | 2019 | 2006 to 2009 %pa | 2009 to 2014 %pa | 2014 to 2019 %pa | 2009 to 2019 %pa |
|--|---------------|---------------|---------------|---------------|------------------|------------------|------------------|------------------|
| <i>Couple only</i> | 52,520 | 56,205 | 63,960 | 76,526 | 2.29 | 2.62 | 3.65 | 3.13 |
| <i>Couple with child(ren)</i> | 67,886 | 72,548 | 82,345 | 98,270 | 2.24 | 2.57 | 3.60 | 3.08 |
| <i>One parent with child(ren)</i> | 31,345 | 33,574 | 38,224 | 45,755 | 2.32 | 2.63 | 3.66 | 3.14 |
| <i>Other family household</i> | 115,316 | 122,736 | 138,174 | 163,550 | 2.10 | 2.40 | 3.43 | 2.91 |
| Total family household | 56,923 | 60,888 | 69,224 | 82,747 | 2.27 | 2.60 | 3.63 | 3.12 |
| Other multi-person household | 56,500 | 60,424 | 68,680 | 82,077 | 2.26 | 2.59 | 3.63 | 3.11 |
| One-person household | 19,900 | 21,320 | 24,247 | 28,994 | 2.32 | 2.61 | 3.64 | 3.12 |
| TOTAL households | 45,500 | 48,615 | 55,110 | 65,683 | 2.23 | 2.54 | 3.57 | 3.05 |

Figure 4.31 Marlborough Region median annual household incomes

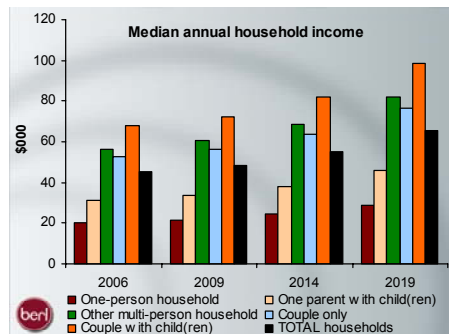
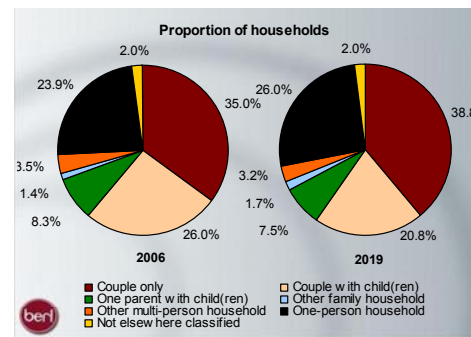


Figure 4.32 Composition of Marlborough Region households



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