

# **Economic scenarios for the Endeavour Region: 2017-2029**

**A report  
ENDEAVOUR ENERGY**

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# Summary and overview

## The world and Australian economies

The short-term outlook for the world and Australian economies are satisfactory. With the recovery in the European economies world economic growth for 2017 is likely to be 3.3% a 0.5% increase on the growth rate for 2016. This growth rate is likely to continue for another two years. Similarly the outlook for the Australian economy is a higher growth rate than what has been achieved over the last couple of years with an average annual growth rate of 3% per annum.

New projects being commenced, dwelling construction being maintained at elevated levels and the ending of the mining investment contraction by the beginning of 2018 means that there will be satisfactory growth in construction activity.

After 2019 however the growth rates in the two jurisdictions are expected to decline due to strong headwinds which will constrain economic activity.

The headwinds facing the world economy are:

- (i) the unwinding of excess liquidity created by quantitative easing policies;
- (ii) an unstable United States' administration; and
- (iii) political economy risk from friction between China and the United States.

The headwinds facing the Australian economy are:

- (i) the upswing in the interest rate cycle;
- (ii) relatively low current household savings ratios and higher household debt to income levels with the fundamental requirement for longer term sustainability being that the household debt to income ratio be stabilised over the medium-term;
- (iii) government spending is currently at the limit of their fixed capacity if zero borrowing for current government expenditure is the objective;
- (iv) the ending of the export growth surge from the end of the mining boom by 2019;
- (v) the peaking of the dwelling construction cycle; and
- (vi) the decade long-run decline in manufacturing capacity resulting in the large share of the growth in goods demand being directly channelled overseas as compared to the situation that existed in the first decade of the century.

The consequences of these headwinds for Australia will be:

- (i) weakening domestic drivers of growth to 2022 and hence low economic growth expected over the 2020 to 2022 period; and
- (ii) the return of high current account deficits which will constrain the ability of governments to undertake expansionary policies.

As a result the average annual growth rate in national GDP is projected at 1.3% between 2020 and 2022 before recovering to 2% per annum late in the projection period.

## The New South Wales economy

For the Base case the New South Wales average annual GSP growth from 2017 to 2029 is 2.2% per annum. GSP growth in 2016-17 fiscal year is projected to be in the low 2% range before recovering to 3.1% in 2017-18 under the impact of a recovery in the growth rate of private consumption expenditure, a sharp uplift in public sector infrastructure investment and a recovery in export growth.

Over 2019 to 2020 fiscal years the headwinds facing the Australian economy will similarly impact on New South Wales growth. Private consumption expenditure growth will slow as household savings ratios rise, the stimulus to growth from public sector investment will end and export growth will return to trend levels. GSP growth will average 2.2%. However, the headwinds fully bite over the 2021 to 2022 period. New South Wales GSP growth falls to 1.1% per annum over this period, mirroring the national GDP growth rate outcome.

The reversal of the headwinds post 2023 will result in average New South Wales GSP growth rate returning to the 2.5% benchmark. This is a superior outcome compared to the New South Wales average annual growth rate over the 2001 to 2016 period which was 1.9% per annum. It reflects the absence of an elevated mining boom and the maintenance of a low exchange rate rather than a high exchange rate.

For the Low scenario, the New South Wales GSP growth rate is 1.5% over the projection period while a 3% average annual GSP growth rate is the outcome for the High scenario.

## The Endeavour region

The economic growth rate, that is, the GRP growth rate, for the Endeavour region in the build up to the turn of the century was generally between 3% and 5% per annum.

The negative factors arising from this high growth rates, such as:

- (i) the pull forward effects of investment related to the Olympics; and
- (ii) the decline in housing affordability due to rapid rises in established housing prices forcing out-migration from the region and a decline in in-migration,

in 2005 combined with rapid acceleration in mining investment, high commodity prices and a high exchange rate. In 2009 this was combined with further negative factors from the Great Financial Crisis (GFC).

As a result, the average GRP growth rate for the Endeavour region fell to 1.4% per annum over the first decade of this century. The recovery in the New South Wales economy over the past few years has resulted in a similar recovery in the Endeavour region's growth rate. The result was a recovery in the Endeavour region growth rate to just under 3%.

Improved levels of housing affordability relative to the historical benchmarks, the strengthening of supply chains in terms of demand and scale in the key production nodes of the region, and the installation of significant additional transport infrastructure will ensure that population and economic growth of the Region will be above the State average. As a result, the Endeavour region's GSP growth rate over the projection period is projected to be an average of 2.6% per annum.

This trend growth rate disguises the outcome of a return to low GRP growth rate over the 2020 to 2022 period.



For the Low scenario the average annual Endeavour region's GRP growth rate is 1.4% per annum over 2017 to 2029, which contrasts with a 3.5% average annual growth rate for the High scenario.

The main driver for the Low scenario would be a balance of payments crisis for the Australian economy due to its high foreign debt.

The main dynamic underlying the High scenario is the absence of the headwind which has been built into the baseline world economic scenario.

# 1. The world economy

As of the middle of 2017, the world economy appears to be growing by around 3.2% per annum. This represents an increase from the 2.8% growth rate that prevailed a year earlier. The immediate short-term outlook is a further acceleration in the growth rate.

In 2016, the United States growth rate grew by 1.6 per cent. The expected outcome for 2017 is a growth rate of 2.1% and this growth rate being maintained in 2018. However, the main feature driving an increase in the growth rate of the world economy is the long expected, albeit relatively slow, recovery of the European nations. German economic growth is expected to be a little under 2% per annum for the 2017 to 2019 period, France at 1.5%, and Spain between 3% and 4%. Even Italy, given its stagnation over the last few years, is expected to grow by an average of 1% per annum.

Asia is expected to maintain its 5% growth rate of the past five years over the next three years.

Overall, the recovery in the United States and European economies is expected to maintain a 3.3% world growth rate over the next three years.

However, there are headwinds and risks which could undermine the short-term outlook and, at best, produce a subdued 2020 decade. Each are considered in turn.

## 1.1 An unstable United States Administration

The first seven months of the Trump Administration have proved less successful than even early critics of the Administration would have expected. Its approval ratings are low, at around 35%, although the approval ratings for registered republican voters remain high at just under 80%.

The critical date for the Administration is November 2018 when the mid-term elections are due and the Republican Party could lose its majority in the Lower House. There is a high risk that the Administration will take action to regain the support of the House that was important in the Administration's election. In particular:

- (i) fiscal expansion involving significant, albeit temporary, tax cuts and some infrastructure expenditure expansion; and
- (ii) protection measures against imports from China and Mexico in particular which would trigger retaliation measures with adverse impacts on world trade and commodity prices.

These actions would be negatives because of other risks facing the world economy.

## 1.2 The rise in world interest rates

The recovery in the world economy will force world interest rates to increase. The expectation is that world interest rates, represented by the average of United Kingdom, Japan and United States interest rates, will increase by 2 percentage points over the next two to three years. This represents a modest increase compared to historical benchmarks. This is a natural consequence of the United States and Europe ending quantitative easing policies.

The reason low world interest rates of recent times are unprecedented in history since the mid-17<sup>th</sup> century. So too has been the build-up in excess liquidity in the economy as represented by holdings by Central Banks as bonds. The excess reserves of the United States banking system have the potential to create \$20 trillion of credit, which is greater than the total United States economy. This means that interest rates have to rise to start the process of mopping up the excess credit.

The problem is that bond prices are high and indeed the latest estimates are that there are \$9 trillion worth of bonds where the buyers bought at negative interest rates since interest rates will increase the capital loss on these bonds and indeed bonds generally. If this produces a herd or panic exit from bonds then world interest rates will rise further.

In this context a Trump Administration expansion of the fiscal deficit would further increase the upward pressure on interest rates.

If interest rates were to rise between 2.5 and 4.0 percentage points it would trigger a second GFC with similar, though not perhaps severe, consequences for world growth. Perhaps a couple of years of world growth at around 1% with Asia relatively unaffected.

### **1.3 China versus the United States**

The arithmetic of the rivalry between the United States and China is confronting. In 2014 China passed the United States in GDP when measured in purchasing power parity (PPP) terms. By 2030, at current growth rate differentials of 4% to 5% per annum will result in China being at least 80% greater in GDP terms and with a similar defence expenditure share, as the United States will have established clear hegemony status in the Western Pacific.

China has a highly efficient industrial policy targeted at China becoming increasingly the most competitive supplier in a wide range of industries. China works out the resources required to establish best practice competitiveness for an industry then mobilises the resources of the State to achieve success. The United States does not have the political or economic culture to compete against this industrial development model. In order to try and slow down China's development for international geo-strategic reasons, as well as domestic political reasons, there is a high possibility that a trade war between the United States and China will break out.

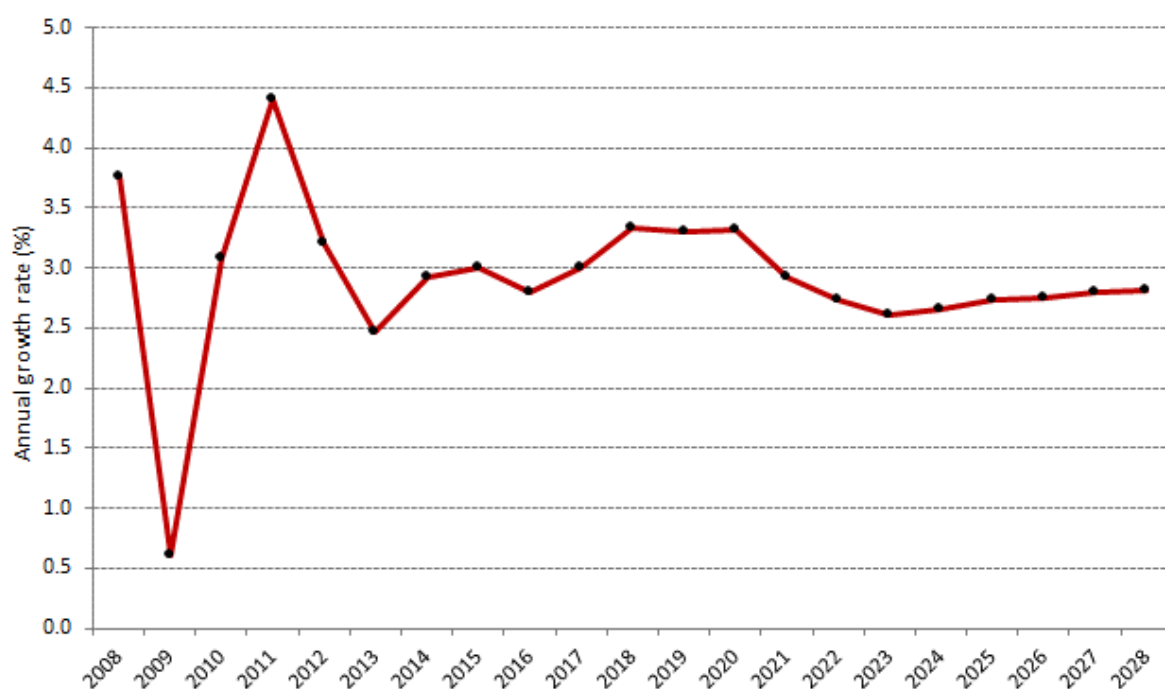
China no doubt has anticipated such an outcome. Its 'one belt-one road' strategy is to integrate an increasing list of countries with the China economy so that it will have the capacity to secure other sources of demand in the event of a loss of markets.

Such an outcome could increasingly isolate the Chinese economic sphere from the rest of the world economy with downward pressure on world commodity prices and reduced opportunities for access to Chinese markets by developed economies, including Australia.

### **1.4 The conclusion**

There are little grounds for assuming that the world economy will accelerate further towards the levels that prevailed before the GFC. That is, growth rates over 4%. Indeed, the expectation is that the expected growth over 2017 to 2020 may be as good as it will get with growth falling back to below 3% for much of the remainder of the projection period. This is what has been adopted here. This profile assumes that the negative headwinds outlined above are contained so that a world recession does not eventuate.

**Figure 1.1: World GDP growth rate (%)**



**Table 1.1 World economic activity – GDP growth rates by selected countries (%) calendar year**

	Average annual GDP growth 2005–2015	2016	2017	2018	2019	2020	2021	2022
China	8.6	6.6	6.2	5.7	6.5	6.1	5.4	4.7
France	0.6	1.3	1.4	1.5	1.4	1.4	1.6	1.6
Germany	1.2	1.6	1.8	1.6	2.0	2.1	1.9	1.8
India	7.2	7.6	6.7	6.8	6.2	5.7	5.6	5.1
Japan	0.8	0.5	1.3	1.0	0.8	0.8	0.7	0.7
United Kingdom	1.0	1.6	1.4	1.1	1.0	0.9	0.6	0.7
United States	1.6	1.5	2.1	2.1	2.3	1.6	1.3	1.3
<b>Total world</b>	<b>3.3</b>	<b>3.0</b>	<b>3.3</b>	<b>3.2</b>	<b>3.3</b>	<b>3.2</b>	<b>2.9</b>	<b>2.7</b>

## 2. The economic outlook for Australia to 2028

Before analysing the aggregate economic outcomes it is useful to first analyse the headwinds that will be operating to constrain economic activity.

### 2.1 Interest rates

From Table 2.4 the 90 Day bill rate fell from 4.9% in 2010-11 to an average of 1.8% in 2016-17. Interest rates are assumed to remain at this level over 2017-18. However interest rates are expected to start to rise in the second half of 2018 and rise by a full percentage point over 2018-19. Interest rates peak at 3.7% for the 90 Day bill rate in the third quarter of 2020. Although, as will be seen below, this is a period when economic growth falls to just above 1% per annum with the current account deficit returning to between 6% and 8% of GDP, the policy authorities have no option but to set rates at least at, and probably above, world interest rates in order to prevent the sharp falls in the exchange rate.

It will only be when the current account deficit trends downwards over the second half of 2022 that the policy authorities will have the capacity to reduce rates. In line with the improvement in the current account deficit, as a percentage of GDP, the 90 Day bill rate is reduced from 3.7% in early 2022 to 2.5% by mid-2023.

After the middle of 2024 interest rates will increase in line with the acceleration in economic growth. By the end of 2025 interest rates return to near 3.5% and maintain a rate at this level for the rest of the period.

### 2.2 Household savings and debt

From Table 2.3 the ratio of household debt to household disposable income has increased rapidly over the last three years. Each year the rate has increased by 6 to 7 percentage points. As a result, the household debt ratio has increased from 180% in 2013-14 to 200% in 2016-17. This level is amongst the highest in the world. Over the next three years the rate of increase halves with the total debt to income ratio reached 2012% by 2020.

In order to reduce the rate of increase in the household debt to income ratio, the following will have to occur:

- (i) the household savings ratio will have to increase, or at least not fall from current levels;
- (ii) the dwelling cycle will have to turn down, or at least activity becomes stagnant; and
- (iii) established dwelling prices will have to stabilise, or at least slow their rate of increase.

All of these elements occur over the next three to four years.

The reduction in interest rates and the rise in house prices resulted in the household net worth to income ratio increasing from 6.9 in 2015-16 to 7.4 in 2016-17. This increase in wealth had a positive impact on consumption and induced households in 2016-17 to reduce the household savings ratio.

The net result is that when the interest rates begin to increase, households will have little scope to offset the increase in interest costs and support consumption by further reductions in the household savings ratio.

From Table 2.3, in 2018-19 household interest paid between 2017-18 and 2020-21 increases by 50% with little change in the household savings ratio. The inevitable result will be a decline in household consumption expenditures. Before the interest rate increases, that is in 2017-18, national private consumption expenditure growth is projected to be just over 3%. Once the interest rates increase, private consumption expenditure falls to 1.2% growth in 2018-19 and 2% per annum for much of the 2020 decade. This compares with a 3.5% per annum growth rate in private consumption expenditure over the first decade of this century.

The decline in the contribution of consumption expenditure to economic growth is a direct consequence of the fact that from saturation the era of debt driven consumption growth has largely ended.

## 2.3 The manufacturing sector

From Table 2.5, between 2012-13 and 2017-18 manufacturing capacity installed is estimated to have fallen by a total of 20%. This is a combination of two factors, namely:

- (i) the shedding of capacity, particularly in processed metals and motor vehicles; and
- (ii) the level of investment in the manufacturing industry being less than the replacement rate.

The depreciation rate in the manufacturing sector is around 8%. From Table 2.5, over the first decade of this century, the average investment rate was 12%, implying an expansion in the capital stock of between 3% and 4% per annum. Unfortunately, with the occurrence of the high exchange rate regime over the 2013 to 2015 period, the incentive to invest in manufacturing rapidly fell. As a result, the investment rate fell below the 8% benchmark. That is, the underlying capital stock and capacity installed contracted. It is only in 2017-18 that, with the return of the exchange rate to more competitive levels that the manufacturing capital stock is expected to expand, albeit marginally at around 1%.

The lower exchange rate regime of the 2020 decade will ensure a manufacturing capital stock expansion rate of between 2% and 3% and a rate of growth of manufacturing capacity installed of 1.3%.

However, the decline in manufacturing capacity installed over the 2013 to 2018 period is considerable and will impose lasting long-term structural damage on the economy.

## 2.4 The balance of payments and the current account deficit

The main impact of the structural damage imposed on the economy by the decline in manufacturing capacity will be on the balance of payments and the current account deficit in particular. What the degrading of manufacturing capacity means is that for every dollar increase in goods demand, whether it be for motor vehicles, equipment, investment, clothing, etc., a large share, around 70% to 80%, will simply be replicated in an increase in imports. In other words, the domestic drivers of economic growth will weaken considerably for the 2020 decade compared to the 2000 decade.

The impact of this can be seen from Table 2.4. The current account deficit is projected to deteriorate significantly over the next few years and by 2021 reaching between 6% and 7% of GDP.

The decline in manufacturing capacity of course is only one factor contributing to this outcome. Another major factor is the terms of trade. The Commodity Price Index profile in Table 2.4 assumes that, for example, the current elevated price of iron ore is not sustained and will return to the US\$50 to US\$60 per tonne trading range for much of the projection period. Over the projection period the terms of trade declines from current levels to 2022 then increases, regaining current levels by 2028.

The final main factor leading to an increase in the current account deficit is the rise in world interest rates. From Table 2.4, the rise in world interest rate results in net income paid overseas increasing from \$41.5 billion in 2017 to \$101.3 billion by 2021. That is, more than doubling. For every 1 percentage point increase in world interest rates given the Australian high gross and net foreign debt results in a rise in the current account deficit as a percentage of GDP of between 0.6 and 0.9 percentage points.

Given the higher current account deficit by 2021, the exchange rate can be expected to fall to lower levels. The projected outcome is in the high 60 cents range, but falls to the mid and low 60 cents range for the \$A/\$US exchange rate cannot be ruled out.

## **2.5 Inflation and wages**

The relatively weak economic profile and reduced labour market conditions will ensure that inflation and wages growth will remain subdued. The inflation rate remains at slightly above 2% per annum for much of the projection period. Real wages growth is in line with slow, by historical standards, growth in productivity as measured by GDP per hour worked.

The subdued world and domestic economic outlook implies relatively low risk of inflationary shock from economic factors. The main risks to a return to high inflation would come from:

- (i) geo-political risk, such as in war, elevating commodity prices in oil in particular well above current levels; and
- (ii) a sharp decline in the Australian exchange rate to the 50 to 60 cents range.

## **2.6 Population and immigration**

Net immigration is determined by the need to maintain the unemployment rate at around current levels, which in turn depends on employment growth. Employment growth is elevated compared to the underlying labour market fundamentals because of a steady decline in the average hours worked per employed person. After 2019-20 the average employment growth is 1.2% per annum.

In the short-term, that is, to 2020-21, the net migration intake slowly declines from 200,000 to 170,000. However, by 2020 net immigration has recovered to 200,000 and by 2028 it is projected to be 232,000.

## **2.7 The public sector borrowing constraint**

The policy objectives of reducing government borrowing from consumption expenditure to near zero is likely to result in relatively low rates of growth of government consumption expenditure over the 2019 to 2022 period, at which time of course it would be most needed to stimulate the economy.

Currently the growth in government consumption expenditure is running at between 3% and 4% per annum. However, for the 2020 to 2021 period this falls to an average growth rate of 1.2% per annum.

## 2.8 Gross Domestic Product (GDP) growth

Given the above, it is not surprising that the projected GDP growth is relatively weak by historical standards. From Table 2.2(a) an economic growth rate of around 3% is expected for the next two years, with the GDP growth rate then falling to 1.7% in 2019-20 and then averages 1% per annum for the following two years. From 2022-23, recovery in growth occurs to around the 2% per annum mark which is maintained for the remainder of the projection period.

Why is growth maintained at 3% for the next two years? From Table 2.2(b), the main reason is the recovery of public sector investment and the return to a positive contribution of private investment to economic growth. In 2015-16, private sector investment subtracted -1.4% from GDP growth and a further -0.8 percentage points in 2016-17.

The return to a 0.7 percentage point contribution to GDP growth from private investment (albeit driven in part by PPP public sector projects) and the increase in public sector investment expenditure results in a change in the contribution of investment to GDP growth compared to 2016-17 of 1.6 percentage points.

The tail end of the mining boom results in exports contributing, on average, 1.5 percentage points per annum to the GDP growth rate over 2017-18 and 2018-19.

Post 2018-19, the downturn in the dwelling cycle means that this sector will make a negative contribution to GDP growth, while the contribution of private consumption expenditure, for reasons outlined above, falls from a 1.4 percentage point contribution in 2016-17 to a 0.6 percentage point contribution in 2020-21. Over the 2020 decade the average contribution of private consumption to GDP growth is 1 percentage point or half its contribution of the 2000 decade.

Given the weakness of the manufacturing sector, it follows that the projected contribution of the negative contribution of imports to economic growth will near historical levels despite the lower growth in final demand.



Figure 2.1: Australia – Real GDP growth rate (%)

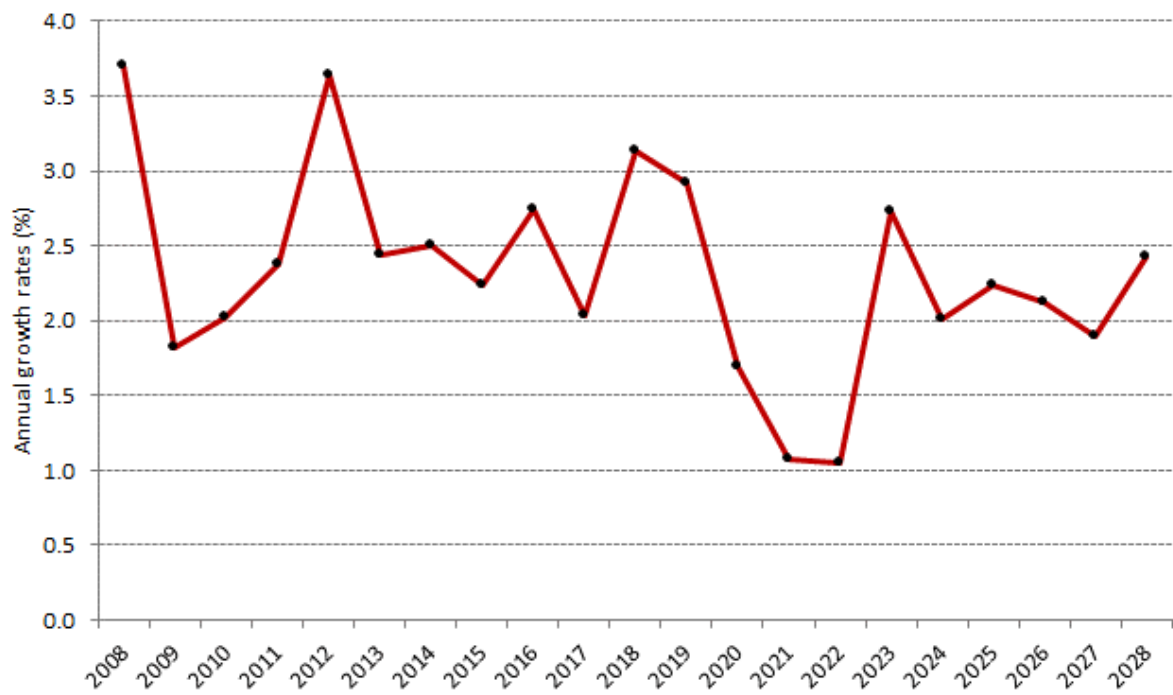


Table 2.1 Australian economy: Population and labour market																
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021-2028
Total population	Annual growth rates	Per cent	1.2	1.8	1.4	1.7	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
Net foreign arrivals	Annual level	Ths.	115.7	230.5	180.4	229.4	227.1	186.4	178.6	183.6	202.1	198.8	186.8	175.2	171.4	202.5
Population 18 and over	Annual growth rates	Per cent	1.5	2.0	1.6	1.8	1.9	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.4
Total hours worked	Annual growth rates	Per cent	1.4	1.8	2.8	1.5	0.3	0.6	1.0	1.7	0.8	1.9	1.4	1.2	1.1	0.8
Average hours worked per working age population per week	Annual level	Ths.	21.0	21.4	21.2	21.2	20.8	20.6	20.5	20.5	20.4	20.4	20.4	20.4	20.4	19.9
Total employment	Annual growth rates	Per cent	2.0	2.3	2.4	1.2	1.2	0.5	1.2	2.2	1.3	2.2	1.6	1.5	1.4	1.2
Total employed per working age population	Annual growth rates	Per cent	0.6	0.3	0.8	-0.6	-0.7	-1.1	-0.5	0.5	-0.2	0.7	0.2	0.1	0.0	-0.2
Total workforce	Annual growth rates	Per cent	1.7	2.4	1.9	1.3	1.5	1.0	1.5	2.0	1.0	1.9	1.6	1.4	1.3	1.3
Number unemployed	Annual level	Ths.	597.9	532.0	590.6	614.0	655.2	710.7	762.4	750.6	727.2	705.5	704.4	705.2	710.0	771.1
Unemployment rate	Annual level	Per cent	6.1	4.8	5.0	5.2	5.4	5.8	6.2	6.0	5.7	5.4	5.3	5.3	5.2	5.4
Participation rate	Annual level	Per cent	63.4	65.1	65.5	65.3	65.1	64.7	64.7	65.0	64.7	64.9	65.0	65.0	65.0	64.8

Table 2.2(a) Australian economy: Formation of real GDP – Demand side – average annual growth																
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021-2028
Total private consumption expenditure	Annual growth rates	Per cent	4.1	3.0	3.8	2.6	1.5	2.7	2.6	2.9	2.4	2.0	1.6	1.9	1.0	1.9
Total government consumption expenditure	Annual growth rates	Per cent	3.0	3.1	3.4	3.9	0.6	1.4	2.3	3.9	3.6	3.4	2.0	1.5	0.9	1.6
Dwelling investment expenditure	Annual growth rates	Per cent	2.4	-0.2	3.9	-6.0	-1.1	4.8	7.9	10.5	1.5	0.4	-1.3	-2.0	-3.5	0.9
Total private business investment	Annual growth rates	Per cent	7.7	7.0	9.0	23.4	4.5	-3.6	-6.6	-10.6	-6.2	5.5	4.1	0.6	-2.9	1.1
Total public business investment	Annual growth rates	Per cent	5.8	10.7	-3.6	-2.7	0.1	-4.0	-5.3	3.5	17.2	14.1	2.9	2.8	1.9	4.0
Total transfer expenditure	Annual growth rates	Per cent	-1.0	-0.9	-15.3	0.1	6.5	16.6	9.8	1.5	0.4	4.3	-1.9	-3.1	-6.2	1.7
Total domestic demand	Annual growth rates	Per cent	4.1	3.6	3.7	5.0	1.7	1.3	1.1	1.4	2.1	3.8	1.8	1.4	0.2	1.8
Total export of goods and services	Annual growth rates	Per cent	2.6	2.8	1.0	4.8	5.1	6.0	6.7	6.7	5.8	3.8	9.7	3.4	2.3	3.9
Total imports of goods and services	Annual growth rates	Per cent	6.8	5.0	5.0	8.2	-0.7	-0.1	1.6	2.0	4.9	7.0	4.3	3.3	1.4	3.5
Stock change and other (including CMV impact)	Annual growth rates	Per cent	-0.1	-16.9	-59.8	-176.8	154.8	-3.1	-34.0	-94.3	978.2	-0.5	28.3	-80.3	-1186.7	16.4
GDP	Annual growth rates	Per cent	3.2	2.9	2.4	3.6	2.4	2.5	2.2	2.7	2.0	3.1	2.9	1.7	1.1	2.1
Farm and mining products	Annual growth rates	Per cent	2.2	3.8	2.6	5.5	6.2	7.1	5.8	2.5	5.8	3.1	8.4	3.2	1.3	3.2
Non-primary products	Annual growth rates	Per cent	3.3	2.8	2.4	3.5	2.1	2.1	1.9	2.8	1.7	3.1	2.4	1.5	1.0	1.9
GDP at factor cost	Annual growth rates	Per cent	6.8	7.3	9.0	6.0	1.8	3.8	1.7	2.4	6.1	4.1	5.2	4.4	4.1	4.7
Indirect taxes etc.	Annual growth rates	Per cent	7.4	4.8	6.4	2.5	7.1	6.0	1.1	6.0	2.0	3.5	5.5	4.8	4.3	4.7
GDP at market prices	Annual growth rates	Per cent	6.9	7.1	8.7	5.7	2.3	4.0	1.6	2.7	5.7	4.0	5.3	4.4	4.1	4.7
Productivity – GDP per hour worked	Annual growth rates	\$cvm billion	1.9	1.1	-0.4	2.1	2.1	1.9	1.2	1.0	1.2	1.2	1.5	0.4	0.0	1.3

Table 2.2(b) Australian economy: Formation of real GDP – Demand side – percentage point contribution to GDP growth																
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021-2028
Total private consumption expenditure	Percentage point	Per cent	2.2	1.7	2.2	1.5	0.9	1.5	1.5	1.6	1.4	1.1	0.9	1.0	0.6	1.0
Total government consumption expenditure	Percentage point	Per cent	0.6	0.6	0.6	0.7	0.1	0.3	0.4	0.7	0.7	0.6	0.4	0.3	0.2	0.3
Dwelling investment expenditure	Percentage point	Per cent	0.1	0.0	0.2	-0.3	-0.1	0.2	0.4	0.6	0.1	0.0	-0.1	-0.1	-0.2	0.0
Total private business investment	Percentage point	Per cent	0.7	1.0	1.3	4.1	0.8	-0.6	-1.0	-1.4	-0.8	0.7	0.5	0.1	-0.3	0.1
Total public business investment	Percentage point	Per cent	0.2	0.5	-0.2	-0.1	0.0	-0.2	-0.2	0.2	0.9	0.9	0.2	0.2	0.1	0.3
Total transfer expenditure	Percentage point	Per cent	0.0	0.0	-0.2	0.0	0.1	0.3	0.2	0.0	0.0	0.1	0.0	0.0	-0.1	0.0
Total domestic demand	Percentage point	Per cent	3.9	3.7	3.8	5.2	1.8	1.4	1.1	1.4	2.1	3.2	1.8	1.4	0.2	1.8
Total export of goods and services	Percentage point	Per cent	0.5	0.5	0.2	0.9	0.9	1.1	1.3	1.4	1.2	0.8	2.2	0.8	0.5	1.0
Total imports of goods and services	Percentage point	Per cent	-1.1	-1.0	-1.0	-1.8	0.1	0.0	-0.3	-0.4	-1.0	-1.5	-0.9	-0.7	-0.3	-0.8
Stock change and other (including cmv impact)	Percentage point	Per cent	0.0	-0.3	-0.2	0.5	-1.0	0.0	0.1	0.0	-2.3	0.0	-0.1	0.0	-7.0	0.2
GDP	Percentage point	Per cent	3.2	2.9	2.4	3.6	2.4	2.5	2.2	2.7	2.0	3.1	2.9	1.7	1.1	2.1
Farm and mining products	Percentage point	Per cent	0.2	0.3	0.2	0.4	0.5	0.6	0.5	0.2	0.5	0.3	0.8	0.3	0.1	0.3
Non-primary product	Percentage point	Per cent	3.1	2.6	2.2	3.2	1.9	1.9	1.7	2.5	1.5	2.8	2.1	1.4	0.9	1.7
GDP at factor cost	Percentage point	Per cent	4.2	5.7	7.8	5.4	1.6	3.4	1.5	2.1	5.7	3.8	5.0	4.3	4.1	5.3

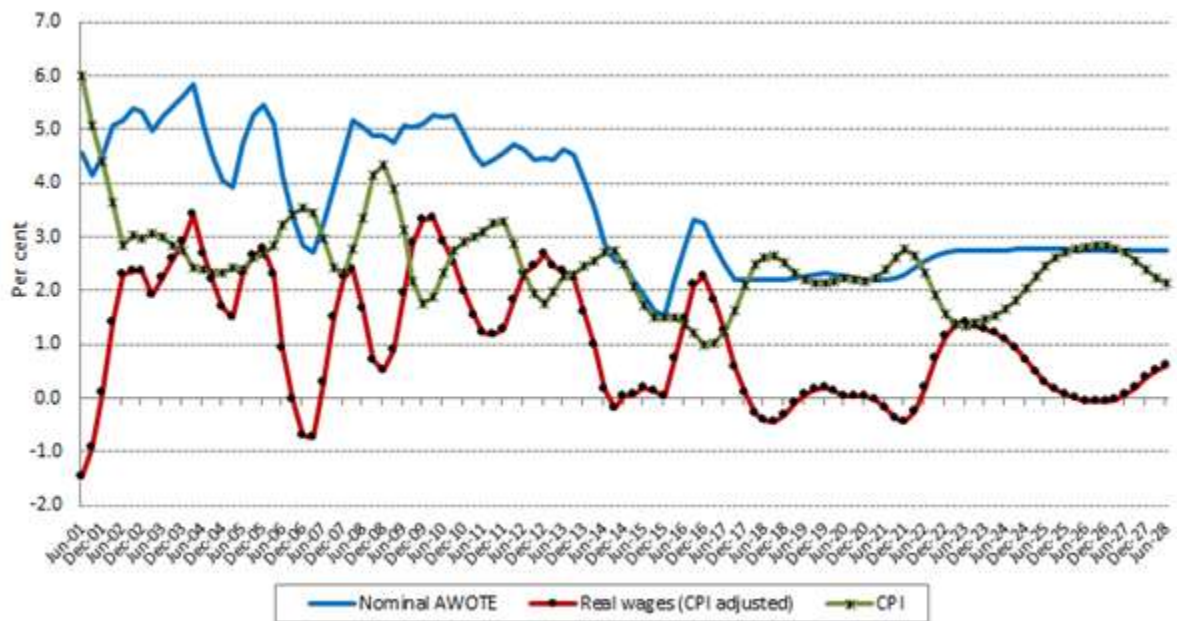
**Table 2.3 Australian economy: Household income, expenditure and debt indicators**

			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021-2028
Wage and non-farm mixed income	Annual growth rates	\$ billion	7.0	6.6	8.4	6.3	2.9	3.9	3.2	3.6	3.8	6.4	4.6	4.8	3.8	4.3
Farm income	Annual growth rates	\$ billion	4.9	0.8	14.5	7.6	2.6	-2.8	11.5	6.0	24.8	0.8	-10.8	7.8	5.0	4.5
Cash benefits	Annual growth rates	\$ billion	8.0	5.6	6.5	6.0	4.2	6.9	2.6	2.1	-1.2	3.9	6.7	6.3	6.4	6.8
Property income	Annual growth rates	\$ billion	8.8	10.1	13.4	3.4	-1.7	3.6	3.8	3.3	4.6	6.8	6.2	6.1	5.9	5.2
Other household income	Annual growth rates	\$ billion	5.9	9.8	3.1	8.2	3.0	6.1	6.8	2.2	-2.3	2.2	-1.0	6.5	6.5	4.7
Total household receipts	Annual growth rates	\$ billion	7.1	7.2	8.1	6.2	2.5	4.4	3.8	3.3	2.9	5.5	4.0	5.4	4.7	4.7
Taxes paid	Annual growth rates	\$ billion	5.2	2.5	9.3	11.0	5.6	3.8	8.2	4.7	4.7	6.1	4.5	5.1	4.1	4.5
Interest paid	Annual growth rates	\$ billion	13.3	10.4	19.3	2.2	-12.1	-8.4	-1.1	3.7	1.9	2.8	11.0	20.9	17.1	4.6
Other household payments	Annual growth rates	\$ billion	7.6	7.9	6.0	9.0	6.6	2.9	4.2	3.9	8.5	26.9	1.0	16.4	12.3	6.5
Total household disposable income	Annual growth rates	\$ billion	7.0	7.7	7.1	5.7	3.1	5.6	3.4	3.0	2.3	4.2	3.7	3.5	3.1	4.6
Household savings ratio	Annual growth rates	\$ billion	1.9	9.7	5.4	2.2	-5.4	2.1	-3.2	-6.5	-7.2	-0.7	-0.6	-3.3	-1.6	3.2
Household consumption expenditure	Annual growth rates	\$ billion	6.8	6.2	6.0	5.2	4.3	5.1	4.1	4.3	3.6	4.3	3.8	4.0	3.3	4.1
Real household disposable income	Annual growth rates	\$cvm billion	4.3	4.5	5.0	3.0	0.4	3.1	1.9	1.6	1.1	1.9	1.5	1.3	0.7	2.4
CPI	Annual growth rates	Index	3.3	3.0	3.1	2.3	2.3	2.7	1.7	1.4	1.2	2.6	2.2	2.2	2.4	2.2
Implicit consumption deflator	Annual growth rates	Index	2.6	3.0	2.1	2.5	2.7	2.4	1.5	1.4	1.2	2.2	2.1	2.1	2.3	2.1
\$ per hour wage and mixed income	Annual growth rates	\$	5.6	4.7	5.5	4.7	2.5	3.3	2.2	2.8	2.5	2.2	2.5	2.6	2.8	3.4
Average weekly earnings	Annual growth rates	\$	5.0	4.5	4.3	4.6	4.6	2.9	1.9	2.9	2.5	2.2	2.3	2.3	2.2	2.7
Household debt to income ratio – % annual rates	Annual level	\$	143.4	176.9	181.3	179.9	179.6	179.9	186.4	193.6	200.2	201.7	208.7	211.6	214.8	210.8
Household net worth to household disposable income – ratio	Annual level	\$	5.5	6.3	6.0	5.6	5.9	6.2	6.6	6.9	7.4	7.6	7.9	7.9	7.9	8.2

Table 2.4 Australian economy: Commodity prices, terms of trade and the balance of payments																
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021-2028
Index of Commodity Prices: Rural Component: \$US	Annual level	Index	630.6	927.0	1361.0	1297.1	1284.8	1208.2	1141.3	1000.0	1028.3	1037.0	997.4	963.8	935.0	1023.9
Index of Commodity Prices: Non-Rural Component: \$US	Annual level	Index	564.8	1416.6	2273.2	2394.1	1993.7	1811.2	1324.6	1000.0	1336.0	1252.5	1148.9	1114.7	1125.1	1212.5
Index of Commodity Prices: TOTAL: \$US	Annual level	Index	598.6	1342.6	2119.7	2209.1	1878.5	1713.4	1295.7	1000.0	1287.5	1219.4	1126.7	1092.4	1096.1	1184.1
Index of Commodity Prices: Rural Component: \$A	Annual level	Index	743.1	829.5	997.4	915.2	911.4	957.9	995.1	1000.0	992.6	985.8	988.6	995.3	998.1	1156.3
Index of Commodity Prices: Non-Rural Component: \$A	Annual level	Index	658.6	1276.2	1670.6	1689.9	1414.6	1437.6	1150.0	1000.0	1290.8	1190.5	1138.9	1151.5	1201.4	1369.5
Index of Commodity Prices: TOTAL: \$A	Annual level	Index	699.9	1208.3	1557.3	1559.2	1332.8	1359.8	1125.6	1000.0	1243.9	1159.1	1116.8	1128.5	1170.4	1337.4
Terms of trade	Annual level	Index	0.7	1.0	1.3	1.3	1.2	1.1	1.0	0.9	1.0	1.0	0.9	0.9	0.9	0.9
Balance of trade	Annual level	\$ billion	-12.9	-15.5	14.2	-3.0	-18.9	-7.0	-23.0	-32.5	9.3	-16.5	-21.4	-40.1	-46.2	-6.9
Net income paid overseas	Annual level	\$ billion	-23.1	-46.5	-58.2	-46.8	-38.3	-39.8	-35.9	-41.2	-41.5	-53.5	-65.7	-84.2	-101.3	-123.4
Current account balance	Annual level	\$ billion	-35.9	-62.0	-44.0	-49.8	-57.2	-46.8	-58.8	-73.8	-32.2	-70.0	-87.2	-124.3	-147.5	-130.3
Current account balance – % of GDP	Annual level	\$ billion	-4.5	-5.4	-3.1	-3.3	-3.8	-3.0	-3.6	-4.5	-1.9	-3.8	-4.5	-6.2	-7.1	-5.2
International debt – % of GDP	Annual level	Per cent	41.7	49.4	46.8	49.0	50.9	54.5	58.8	61.9	59.2	58.1	60.2	64.1	67.8	70.3
90 day rate	Annual level	Per cent	5.3	5.6	4.9	4.4	3.2	2.6	2.5	2.2	1.8	1.8	2.5	3.2	3.7	3.2
10 year bond rate	Annual level	Per cent	5.8	5.6	5.4	4.0	3.3	4.0	3.0	2.6	2.4	2.5	3.1	3.8	4.4	3.8
Oil price	Annual growth rates	\$US/barrel	29.9	72.4	92.7	105.4	102.3	105.5	71.8	42.2	50.3	54.3	60.8	66.2	68.9	68.5
World GDP	Annual growth rates	\$cvm trillion	3.7	3.6	4.4	3.2	2.5	2.9	3.0	2.7	3.0	3.3	3.2	2.8	2.7	2.7
\$A/\$US exchange rate	Annual level	\$	0.6	0.8	1.0	1.0	1.0	0.9	0.8	0.7	0.8	0.8	0.7	0.7	0.7	0.7
Trade weighted exchange rate	Annual level	Index	55.6	65.4	74.0	76.0	77.0	70.5	67.1	62.0	64.8	65.8	62.0	58.0	55.6	55.1

Table 2.5 Australian economy: Formation of real GDP – Supply side – average annual growth																
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2021-2028
Agriculture	Annual growth rates	\$cvm billion	2.0	1.7	3.6	1.4	-0.6	0.7	0.8	-6.4	15.5	-20.4	9.6	6.2	4.5	2.9
Mining	Annual growth rates	\$cvm billion	2.3	4.9	2.2	7.5	9.3	9.7	7.7	5.7	2.8	11.5	8.0	2.4	0.5	3.3
Manufacturing	Annual growth rates	\$cvm billion	1.8	0.1	-0.2	0.7	-3.3	-1.5	-1.5	-2.8	-1.3	0.5	-1.3	-0.9	-0.6	1.0
Construction	Annual growth rates	\$cvm billion	4.7	5.1	2.9	10.2	2.8	4.5	-1.8	2.9	-1.5	12.3	0.8	-0.6	-0.8	2.0
Distribution	Annual growth rates	\$cvm billion	4.3	2.8	1.4	4.5	3.4	-0.2	1.6	1.6	3.4	3.4	2.2	1.3	0.0	1.8
Finance	Annual growth rates	\$cvm billion	4.7	5.1	2.4	2.6	3.2	4.7	3.8	4.2	4.1	2.6	2.4	2.3	1.8	1.2
Business services	Annual growth rates	\$cvm billion	3.0	2.3	3.7	2.9	1.4	1.8	2.1	3.1	1.6	1.5	3.4	1.9	1.5	2.0
Community services	Annual growth rates	\$cvm billion	3.3	3.8	2.2	2.6	2.9	3.7	4.1	3.1	3.8	4.0	2.8	2.5	1.9	3.1
Ownership of dwellings	Annual growth rates	\$cvm billion	2.9	2.1	1.3	1.4	2.0	2.4	2.3	2.3	2.2	2.3	2.2	2.1	1.9	1.4
Indirect taxes and other	Annual growth rates	\$cvm billion	2.7	2.1	2.6	4.8	5.2	2.1	3.1	7.0	-2.4	1.4	2.9	1.7	1.0	2.2
GDP	Annual growth rates	\$cvm billion	3.2	2.9	2.4	3.6	2.4	2.5	2.2	2.7	2.0	3.1	2.9	1.7	1.1	2.1
Manufacturing capacity output	Annual growth rates	\$cvm billion	1.4	0.7	-0.2	3.2	-1.9	-2.3	-1.9	-4.7	-3.8	-5.0	-0.6	0.1	0.3	1.3
Manufacturing investment to capital stock ratio	Level	Per cent	11.8	12.2	10.1	10.8	7.8	7.4	7.0	6.6	7.1	9.6	9.7	10.0	10.4	10.9

**Figure 2.2: Nominal and real wages growth and CPI inflation rate – cumulative four quarter span basis (%)**



**Figure 2.3: \$A/\$US and weighted average exchange rate**

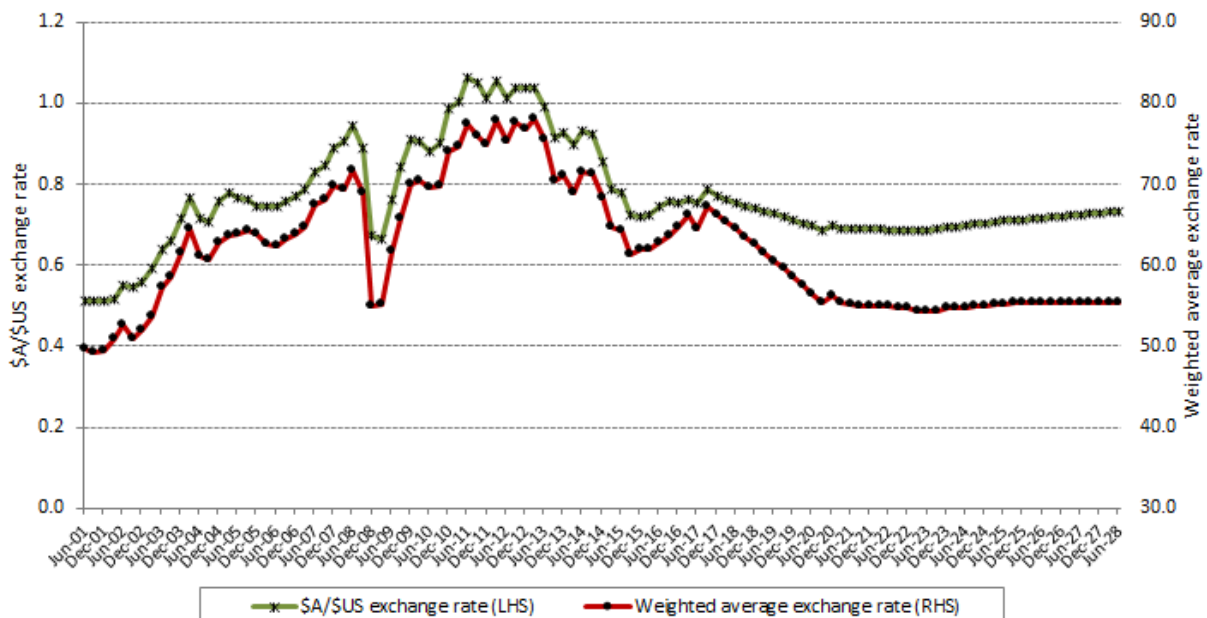




Figure 2.4: Real and nominal 90 day bill rate

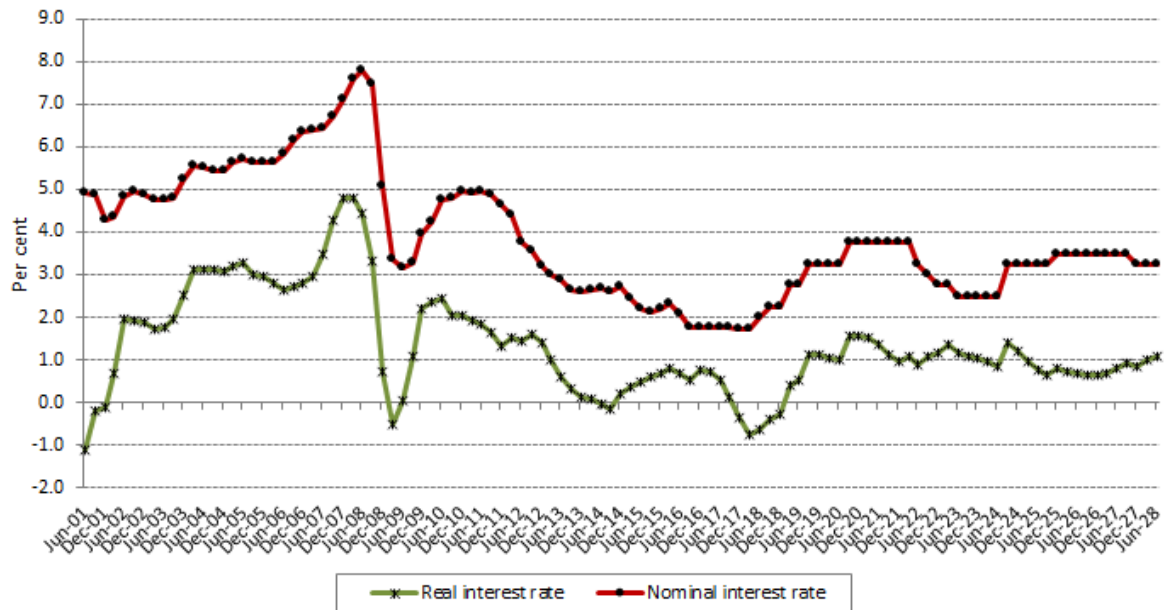
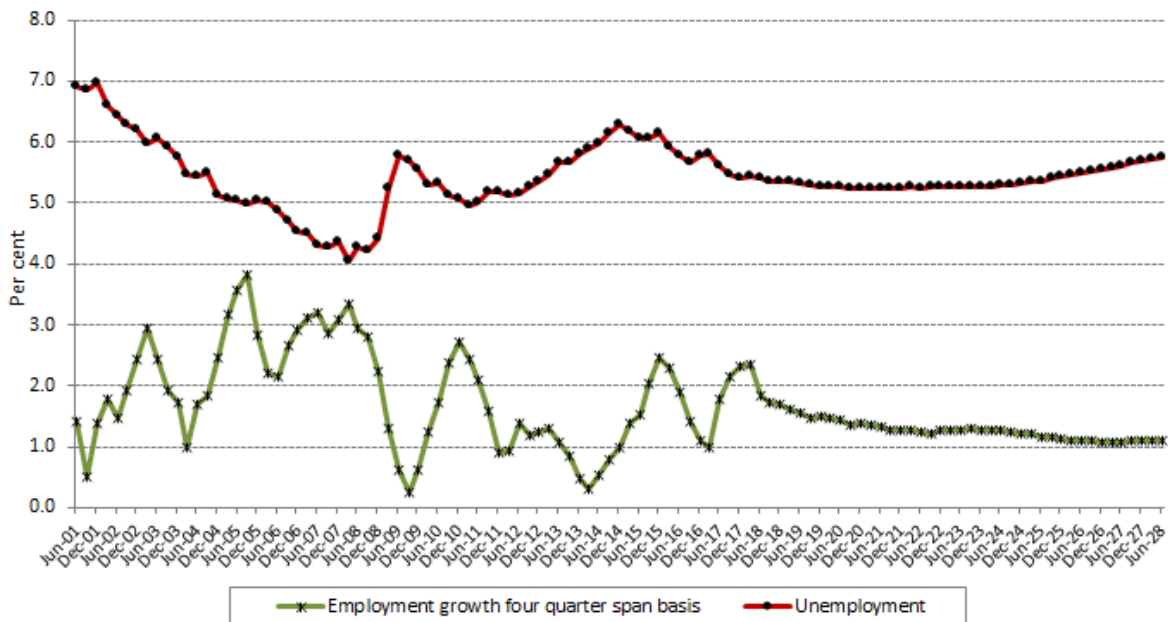


Figure 2.5: Employment growth and unemployment (%)



## 3. New South Wales economic growth

### 3.1 Context

The overall performance of the New South Wales (NSW) economy is perhaps best summarised by the indicators in Figure 3.2 and Figure 3.3.

From Figure 3.2, at the turn of the century the share of NSW in national GDP was 36.2%, which was maintained into the Olympic fiscal year of 2000-01. After that date there was a rapid decline in NSW share of national GDP. By 2009 fiscal year it had reached 32.2%, or a fall of 4 percentage points of GDP.

The direct arithmetic to produce this outcome is shown in Figure 3.3. Between 2002 and 2009 fiscal years the cumulative growth for NSW GSP was 14.4%. For the non-NSW states it was 32.8%. That is, for the nominated span, NSW grew at less than half the national GDP growth rate.

There were three main reasons for this outcome. They are:

- (i) the pull forward of public and private expenditure from the 2002 to 2005 period into the 1998 to 2001 period in the build-up to the Olympic Games;
- (ii) the out immigration push factor for the high Sydney dwelling prices in the build-up to the Olympic Games forcing residents to leave in search of more affordable housing in other states and preventing new residents from establishing themselves in the Region; and
- (iii) the pull factor of relative larger employment opportunities in other states as a result of the post 2004 build-up in mining investment.

The combined impact of these factors was operating at its strongest over the 2002 to 2009 period. By 2009 the pull forward impact of the Olympic Games would have fallen to near zero, while the push factor of high Sydney established dwelling prices was weakened by the rise in house prices in other states.

The continued mining boom 2011 to 2014 continued to result in a fall in NSW share of national GDP, albeit at a significantly slower rate. In 2014 the NSW share of national GDP was 31.6%, a 0.6 percentage point fall from the 2009 share. Over this period the average annual NSW GDP growth rate was 80% of the growth rate of the other states.

With the ending of the mining boom over 2015, NSW has consistently grown faster than other states. Over the three fiscal years 2015 to 2017 the NSW growth rate superiority has averaged 40%. That is, an average annual growth rate for NSW of 2.7% per annum compared to the growth outcome of the other states of 1.9% per annum.

Over the projection period the NSW economy is projected to grow a little faster than the other states. This explains why the share of NSW national GDP increases from 32.1% in 2017 to 32.6% by 2029.

The broad reason for this outcome is straight forward. The rapid growth in the NSW economy to 2001 was not just driven by the Olympics. It was also driven by the fact that Sydney in particular had a competitive advantage in so-called knowledge intensive industries. Although the gap narrowed, particularly with Victoria, the ending of the mining boom and the return of the weighted average exchange rate to more competitive levels has significantly increased the importance of knowledge intensive industries to Australia's overall growth rate.

This imposes a simple rule for the NSW growth rate. Provided housing affordability is kept under control in the Sydney region, which requires the population adopts quickly to higher density living, then in the advance of a return of elevated mining investment in Western Australia and Queensland in particular, the NSW GSP growth rate will remain close to the national GDP growth rate.

## 3.2 NSW economic growth: The demand side drivers

From Table 3.2 the main impact of the push and pull factors was a low population growth rate over the 2000 to 2005 period. The population growth rate was 0.8% per annum compared to a national population growth rate of 1.2%. While the NSW population growth rate recovered to 1.3% over the next five years, it was still 0.5% below the national population growth rate. It was only with the ending of the mining boom by 2015 that the NSW population growth rate returned to near the national average. The NSW population growth rate is projected to remain near the national average for the remainder of the projection period.

The sluggish population growth and relatively weak export growth resulted in a relatively low contribution by the various demand categories to NSW GDP growth. Between 2000 and 2014 the average contribution of international and interstate export to NSW GDP growth was 0.7 percentage points per annum. Between 2015 and the end of the projection period the average contribution of total NSW exports increases to 0.9 percentage points as can be seen from Table 3.3(b).

There is also a contribution to growth from total international and interstate imports over the projection period. The subtraction from GDP growth over the historical period, that is, from 2000 to 2016, was -1.7%. This is projected to fall to -1.4 percentage points per annum over the projection period. Therefore, for the projection period as compared to the historical period, there will be an additional 0.5 percentage points per annum contribution to NSW GSP growth from net trade. This is an important part explanation of why NSW economic growth remains reasonable despite strong headwinds. The direct cause of this the low exchange rate.

One headwind will result in the contribution of one demand component to GSP growth over the projection period being no greater than the historical period. This demand component is private consumption expenditure. From Table 3.3(b), the contribution of private consumption expenditure to NSW GSP growth will be similar over the projection period as the historical period, at 1.7 percentage points.

From Table 3.4, over the 2000 to 2010 period the household savings ratio averaged 12.1%. This was unsustainable as over the period the household debt to income ratio increased from 150% to 186%.

In order to slow the increase in the household debt to income ratio over the 2010 to 2016 period, the household savings rate had to increase sharply, which it did. Over the period the average for the household savings ratio was 17.5%. In 2016 the average household debt to income ratio was 190%. Over the medium-term there is projected to be further increases in the household debt to income ratio as households use debt acquisition to protect living standards in the face of subdued real income growth. In 2022 the household debt to income ratio is projected to reach 198%. However, once stronger real income growth is resumed over the post 2023 period, the household savings ratio is projected to remain relatively high so that the household debt to income ratio can be reduced to the 180% to 190% range.

Over the 2000 to 2013 period, the contribution of public sector investment expenditure to NSW GSP growth was negligible. However, over recent years, that is, over the 2014 to 2017 fiscal years, the contribution has increased to an average annual 0.5 percentage points. With major projects ramping up to full annual expenditure levels this is projected to increase to an average annual contribution of 0.9 percentage points over the 2018 and 2019 fiscal years.

However, project expenditure will result in the contribution turning negative again over the difficult 2020 to 2024 years.

The contribution of private business investment to NSW GSP growth follows a similar profile as the public sector contribution. In part because the current public sector program will be reflected in some private sector activity via PPP partnerships.

The contribution of current government expenditure to NSW GSP growth is projected to be similar to the historical period contribution of between 0.3 and 0.4 percentage points. Although of large scale tax rate increases have not been allowed for, the policy objective of not borrowing for current consumption expenditure will drive the outcome.

### **3.3 NSW GSP growth: Supply side**

From Table 3.5(b), the mining sector made a small positive contribution to NSW growth during the mining boom period. However, since 2014, with the decline in coal prices, the contribution has turned negative. This will continue into the early part of the projection period and, although recovery occurs later in the projection period, the overall net contribution of mining to NSW growth is near zero.

Over the 2012 to 2017 period the average annual contribution of manufacturing to NSW GSP growth has been -0.2 percentage points per annum, mirroring the national impact. After the closure of the motor vehicle industry in late 2017, the NSW manufacturing sector is projected to exhibit positive growth for the first time since 2011. However, for some of the period growth is projected at less than overall growth in demand. Given this, and the fact that the share of manufacturing in GSP has fallen to relatively low levels, the contribution of manufacturing to NSW GSP growth is negligible.

The lack of a major contribution of the NSW tradable goods sector to NSW GSP generates a major headwind for the overall NSW GSP growth. Sustainable satisfactory economic growth requires balanced growth across all sectors.

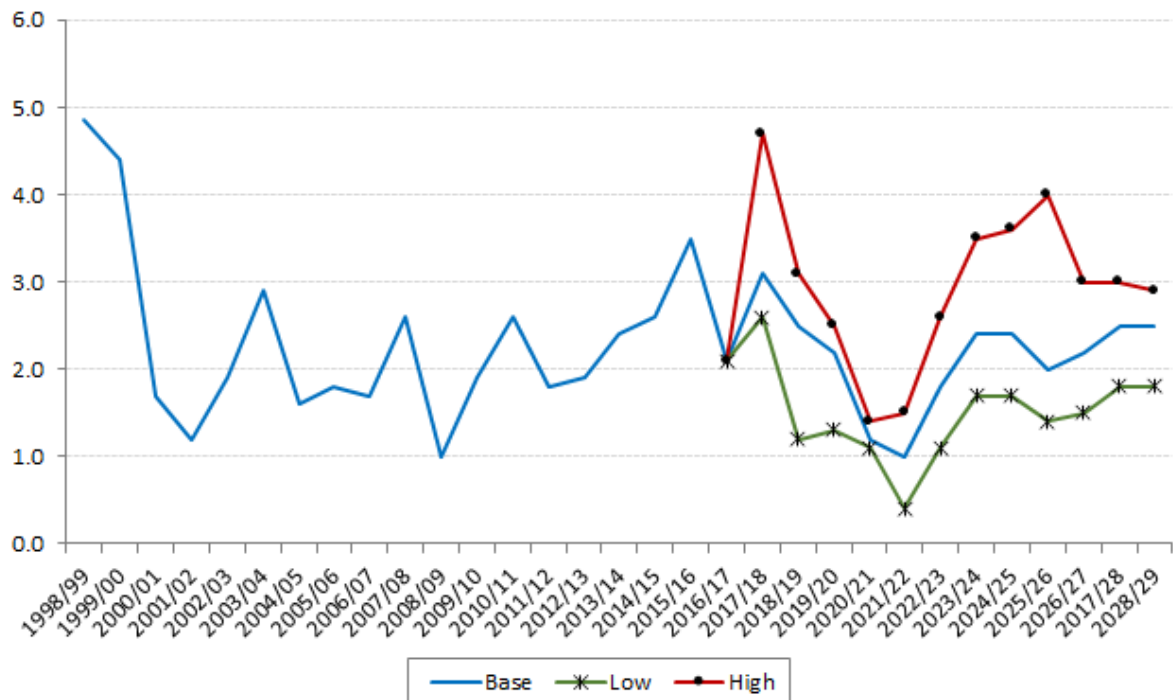
From Table 3.5(b), half of the NSW economy of just under 60 per cent of the NSW growth rate will be generated in the community and business services sector.

### **3.4 Population and employment**

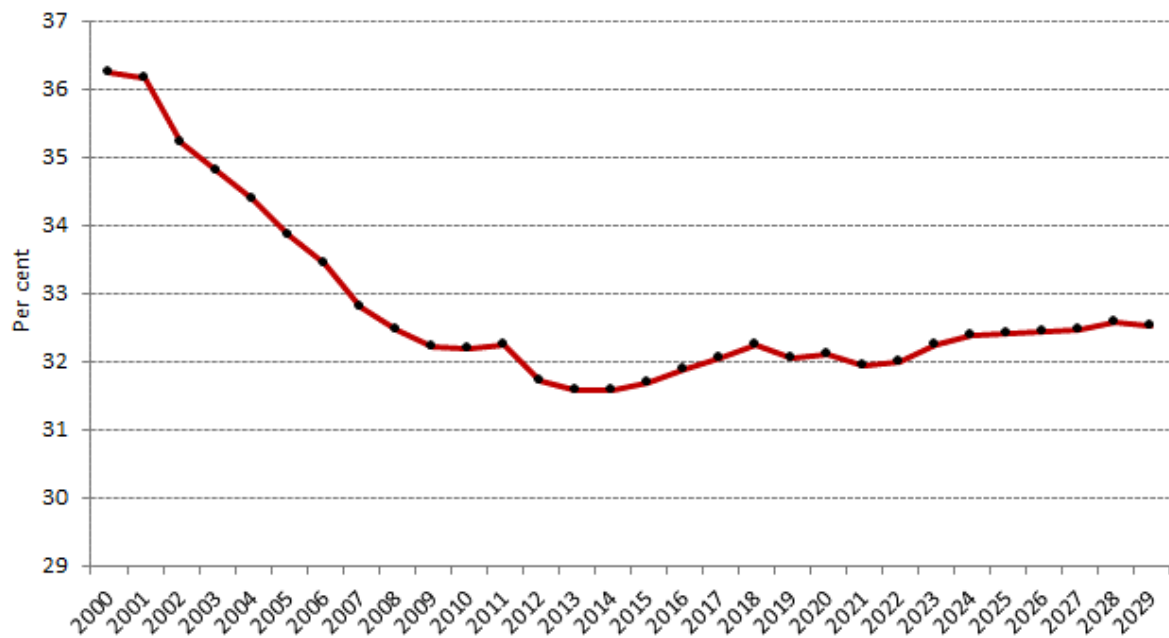
A core feature of the projection is that the NSW population growth rate does not sharply decline as per the post 2002 period as a result of a sharp increase in housing unaffordability. The baseline projection assumes that the NSW population growth rate remains close to the national average.

This time round it is being explicitly assumed that there will be a significantly greater propensity to embark on high density housing rather than to leave the state. This requires house prices in Melbourne and Brisbane to remain relatively high and perhaps further close the gap.

**Figure 3.1: New South Wales GSP growth rate by scenario (%)**



**Figure 3.2: New South Wales gross product share of national total (%)**



**Figure 3.3: New South Wales GRP and Other Australia (% annual change)**

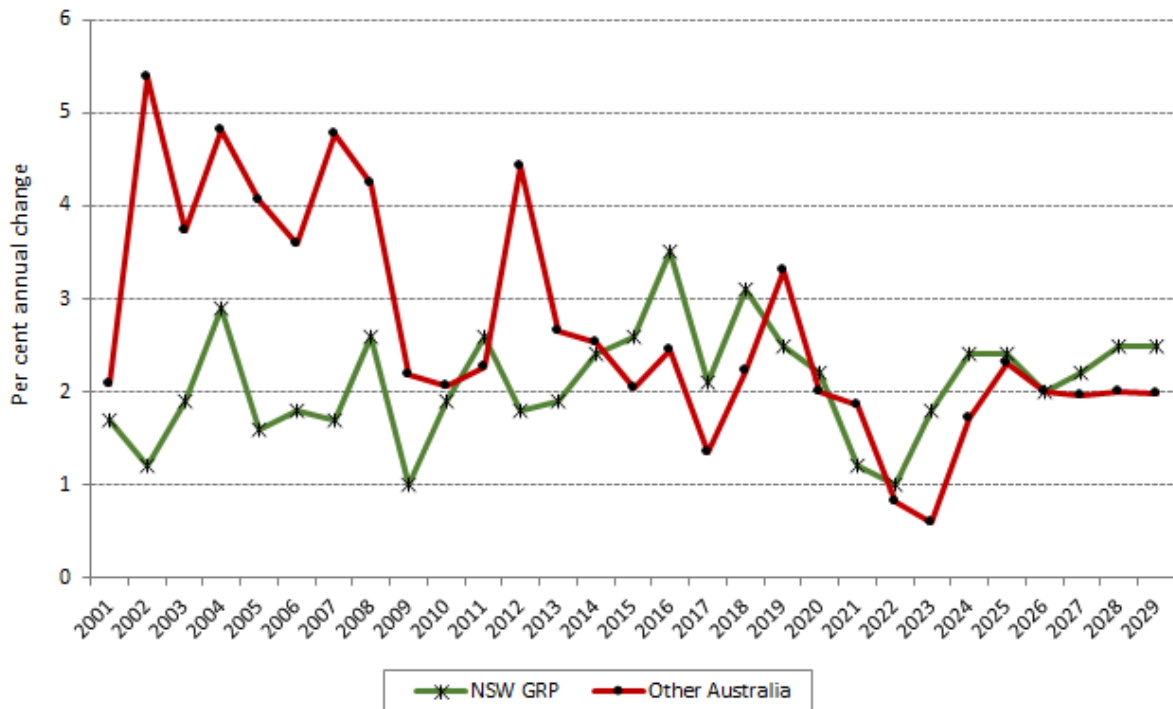


Table 3.1 New South Wales GDP growth rate by scenario (per cent)			
	Base	High	Low
2000	4.4	4.4	4.4
2001	1.7	1.7	1.7
2002	1.2	1.2	1.2
2003	1.9	1.9	1.9
2004	2.9	2.9	2.9
2005	1.6	1.6	1.6
2006	1.8	1.8	1.8
2007	1.7	1.7	1.7
2008	2.6	2.6	2.6
2009	1.0	1.0	1.0
2010	1.9	1.9	1.9
2011	2.6	2.6	2.6
2012	1.8	1.8	1.8
2013	1.9	1.9	1.9
2014	2.4	2.4	2.4
2015	2.6	2.6	2.6
2016	3.5	3.5	3.5
2017	2.1	2.1	2.1
2018	3.1	2.6	4.7
2019	2.5	1.2	3.1
2020	2.2	1.3	2.5
2021	1.2	1.1	1.4
2022	1.0	0.4	1.5
2023	1.8	1.1	2.6
2024	2.4	1.7	3.5
2025	2.4	1.7	3.6
2026	2.0	1.4	4.0
2027	2.2	1.5	3.0
2028	2.5	1.8	3.0
2029	2.5	1.8	2.9
Average 2018-2029	2.2	1.5	3.0

Table 3.2 New South Wales economy: Population and labour market																			
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025-2028
Total population	Annual growth rates	Per cent	0.8	1.3	1.1	1.2	1.3	1.4	1.5	1.4	1.5	1.4	1.2	1.4	1.4	1.4	1.3	1.3	1.3
Net foreign arrivals	Annual level	Ths.	17.8	48.5	38.2	40.2	50.2	61.0	63.0	62.2	74.5	49.3	51.2	62.6	59.8	56.4	52.4	55.0	59.9
Population 18 and over	Annual growth rates	Per cent	1.0	1.5	1.3	1.3	1.4	1.6	1.7	1.5	1.7	1.6	1.4	1.6	1.6	1.5	1.4	1.4	1.4
Total hours worked	Annual growth rates	Per cent	0.4	1.0	2.8	0.6	1.2	0.1	1.2	4.0	0.2	1.2	1.0	1.2	1.3	1.0	1.0	1.1	0.7
Average hours worked per working age population per week	Annual level	Ths.	20.9	20.7	20.5	20.4	20.3	20.0	20.0	20.4	20.2	20.1	20.0	19.9	19.8	19.8	19.7	19.6	19.3
Total employment	Annual growth rates	Per cent	1.4	1.6	2.5	0.7	1.7	0.5	1.3	3.6	1.0	1.4	1.4	1.5	1.2	0.8	1.1	1.4	1.2
Total employed per working age population	Annual growth rates	Per cent	0.3	0.1	1.2	-0.6	0.2	-1.1	-0.4	2.1	-0.7	-0.2	-0.1	-0.1	-0.4	-0.7	-0.3	-0.1	-0.2
Total workforce	Annual growth rates	Per cent	1.2	1.7	1.8	0.8	1.7	1.0	1.5	3.3	0.3	1.1	1.4	1.5	1.6	1.4	1.3	1.3	1.3
Number unemployed	Annual level	Ths.	183.4	183.5	185.9	192.6	197.4	216.5	228.2	223.9	200.3	190.6	193.7	196.0	213.7	241.8	255.4	258.3	273.1
Unemployment rate	Annual level	Per cent	5.7	5.2	5.0	5.2	5.2	5.7	5.9	5.6	5.0	4.7	4.7	4.7	5.0	5.6	5.9	5.8	6.0
Participation rate	Annual level	Per cent	62.2	63.3	63.5	63.2	63.4	63.1	63.1	64.3	63.4	63.1	63.1	63.0	63.0	63.0	62.9	62.8	62.6



Table 3.3(a) New South Wales economy: Formation of real GDP – Demand side – average annual growth																			
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025-2028
Total private consumption expenditure	Annual growth rates	Per cent	3.2	2.6	3.2	2.0	1.7	3.2	3.5	3.2	2.7	3.2	1.0	2.4	2.5	1.8	3.6	5.2	2.6
Total government consumption expenditure	Annual growth rates	Per cent	2.3	2.1	3.5	2.1	1.0	1.3	1.8	4.3	4.0	4.4	2.8	2.0	0.8	0.8	0.9	0.9	2.0
Dwelling investment expenditure	Annual growth rates	Per cent	2.8	-1.1	4.8	-5.0	-13.5	2.0	-0.2	15.3	11.0	8.8	3.6	1.3	0.8	0.8	0.8	0.9	1.3
Total private business investment	Annual growth rates	Per cent	5.7	4.3	6.0	5.5	6.1	-7.8	2.5	3.7	-4.0	-0.5	13.3	8.2	-0.7	-7.8	-4.6	-0.6	2.4
Total public business investment	Annual growth rates	Per cent	3.9	8.0	-5.6	-4.8	-13.0	16.6	-1.2	12.3	12.7	23.8	4.9	-4.1	-4.7	-3.4	-1.3	-0.8	3.5
Total transfer expenditure	Annual growth rates	Per cent	-5.5	1.1	-16.5	2.2	6.5	25.7	10.9	0.9	0.5	0.3	0.0	-3.4	-12.4	-10.1	-1.6	7.4	4.0
Total domestic demand	Annual growth rates	Per cent	3.1	2.7	2.8	1.7	0.7	2.3	2.9	4.3	2.9	4.3	2.9	2.4	1.1	0.0	1.9	3.5	2.5
Total export of goods and services	Annual growth rates	Per cent	1.0	1.4	1.3	7.8	2.8	0.7	3.2	5.6	-0.3	3.3	1.8	1.9	2.1	1.6	1.9	2.1	2.3
Total imports of goods and services	Annual growth rates	Per cent	5.0	3.5	4.7	4.8	1.1	2.4	5.7	3.4	5.7	5.4	3.4	2.9	1.5	-0.1	1.8	3.7	3.4
Stock change and other (including cmv impact)	Annual growth rates	Per cent	0.4	0.1	1.2	-0.9	0.6	0.9	1.0	-1.6	1.8	0.0	0.4	0.4	-0.1	0.3	0.0	-0.2	0.4
GDP	Annual growth rates	Per cent	1.8	1.8	2.6	2.0	2.0	2.4	2.7	3.4	2.1	3.1	2.5	2.2	1.2	1.0	1.8	2.4	2.3
Farm and mining product	Annual growth rates	Per cent	1.4	3.0	13.3	3.8	4.2	2.9	2.1	-7.2	-2.6	-12.4	3.2	2.2	2.0	1.5	1.5	1.3	1.5
Non-primary product	Annual growth rates	Per cent	1.8	1.8	2.3	1.9	1.9	2.4	2.7	3.8	2.3	3.6	2.4	2.2	1.2	1.0	1.8	2.4	2.3
GDP at factor cost (excluding ownership of dwellings)	Annual growth rates	Per cent	1.8	1.8	2.4	0.8	3.5	1.8	3.0	4.3	3.4	3.0	2.5	2.2	1.1	0.0	1.3	2.6	2.4
Productivity – GDP per hour worked	Annual growth rates	Per cent	1.4	0.9	-0.2	1.3	0.8	2.3	1.4	-0.6	1.9	1.9	1.4	0.9	-0.1	0.0	0.8	1.3	1.5

Table 3.3(b) New South Wales economy: Formation of real GDP – Demand side – percentage point contribution to GDP growth																			
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025-2028
Total private consumption expenditure	Percentage point	Per cent	1.7	1.5	1.9	1.2	1.0	1.9	2.1	1.9	1.6	1.9	0.6	1.4	1.5	1.1	2.2	3.3	1.6
Total government consumption expenditure	Percentage point	Per cent	0.4	0.3	0.6	0.3	0.2	0.2	0.3	0.7	0.6	0.7	0.4	0.3	0.1	0.1	0.1	0.1	0.3
Dwelling investment expenditure	Percentage point	Per cent	0.2	-0.1	0.2	-0.2	-0.5	0.1	0.0	0.7	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.1
Total private business investment	Percentage point	Per cent	0.5	0.5	0.7	0.6	0.7	-0.8	0.3	0.4	-0.4	-0.1	1.4	0.9	-0.1	-0.8	-0.4	-0.1	0.2
Total public business investment	Percentage point	Per cent	0.1	0.3	-0.3	-0.2	-0.5	0.7	0.0	0.6	0.6	1.4	0.3	-0.2	-0.3	-0.2	-0.1	0.0	0.2
Total transfer expenditure	Percentage point	Per cent	-0.1	0.0	-0.2	0.0	0.1	0.5	0.2	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	0.0	0.1	0.1
Total domestic demand	Percentage point	Per cent	2.7	2.6	2.8	1.7	0.7	2.2	2.8	4.1	2.9	4.2	2.8	2.4	1.1	0.0	1.8	3.4	2.5
Total export of goods and services	Percentage point	Per cent	0.4	0.5	0.5	3.1	1.1	0.3	1.3	2.3	-0.1	1.3	0.7	0.8	0.8	0.6	0.8	0.9	0.9
Total imports of goods and services	Percentage point	Per cent	-1.7	-1.4	-1.9	-2.0	-0.4	-1.0	-2.4	-1.4	-2.5	-2.4	-1.5	-1.3	-0.7	0.0	-0.8	-1.7	-1.6
Stock change and other (including cmv impact)	Percentage point	Per cent	0.4	0.1	1.2	-0.9	0.6	0.9	1.0	-1.6	1.8	0.0	0.4	0.4	-0.1	0.3	0.0	-0.2	0.4
GDP	Percentage point	Per cent	1.8	1.8	2.6	2.0	2.0	2.4	2.7	3.4	2.1	3.1	2.5	2.2	1.2	1.0	1.8	2.4	2.3

Table 3.4 New South Wales economy: Household income, expenditure and debt indicators																			
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025-2028
Wage and non-farm mixed income	Annual growth rates	Per cent	5.8	4.9	8.2	6.6	2.0	7.1	4.2	5.5	4.8	6.3	4.1	5.0	4.2	3.8	5.1	5.2	4.8
Farm income	Annual growth rates	Per cent	5.9	0.2	18.0	2.5	2.4	-9.3	13.2	14.4	24.3	-1.2	-12.0	4.8	3.3	4.1	4.9	4.5	4.0
Cash benefits	Annual growth rates	Per cent	7.3	4.6	8.7	8.3	5.4	7.9	2.3	1.0	-2.1	4.0	5.8	6.1	6.7	6.6	6.7	6.6	6.8
Property income	Annual growth rates	Per cent	8.4	8.4	12.7	2.7	-1.9	4.7	3.7	3.9	4.5	6.6	5.5	5.5	5.8	5.4	5.0	4.8	4.9
Other household income	Annual growth rates	Per cent	5.4	7.9	3.9	8.5	2.6	6.0	6.5	2.6	0.7	-0.9	0.9	7.3	7.3	5.8	9.3	5.7	4.8
Total household receipts	Annual growth rates	Per cent	6.1	5.6	8.2	6.5	2.0	6.6	4.4	4.5	3.7	5.0	3.8	5.4	5.0	4.5	5.8	5.3	5.0
Taxes paid	Annual growth rates	Per cent	5.2	0.9	8.5	8.7	5.1	5.6	9.8	4.9	5.8	5.9	4.1	5.0	4.5	4.1	5.1	5.1	4.8
Interest paid	Annual growth rates	Per cent	13.3	8.3	19.3	1.9	-12.6	-8.3	-0.6	4.0	2.2	2.1	9.8	19.2	15.5	9.5	-2.6	-7.5	7.1
Other household payments	Annual growth rates	Per cent	7.1	6.9	5.9	8.7	5.9	3.0	4.4	4.6	5.5	4.0	4.3	5.2	5.0	4.5	5.8	5.3	5.0
Total household disposable income	Annual growth rates	Per cent	5.8	6.2	7.3	6.5	2.6	8.1	3.9	4.5	3.4	5.1	3.3	4.6	4.3	4.2	6.7	6.4	4.9
Household savings ratio	Annual growth rates	Per cent	11.4	12.9	16.6	18.0	16.5	18.5	17.7	17.6	16.9	17.0	17.5	17.5	17.1	17.3	17.8	16.8	16.8
Household consumption expenditure	Annual growth rates	Per cent	5.9	5.5	5.4	4.7	4.5	5.5	5.0	4.6	4.2	5.1	2.7	4.5	4.8	3.9	6.0	7.7	4.9
Real household disposable income	Annual growth rates	Per cent	3.1	3.3	5.2	3.7	-0.1	5.8	2.4	3.0	1.9	3.3	1.6	2.5	2.0	2.0	4.3	4.0	2.6
CPI	Annual growth rates	Per cent	3.3	2.8	3.0	2.5	2.5	2.6	1.9	1.5	1.0	1.7	1.7	2.1	2.3	2.1	2.2	2.4	2.2
\$ per hour wage and mixed income	Annual growth rates	Per cent	5.4	3.9	5.2	6.0	0.8	7.0	3.0	1.5	4.6	5.0	3.1	3.7	2.9	2.7	4.1	4.0	4.1
Household debt to income ratio – % annual rates	Annual level	Per cent	149.8	183.9	185.9	182.5	182.1	178.3	184.7	189.6	194.9	195.0	197.9	197.6	197.8	197.6	191.7	186.1	181.3
Household net worth to household disposable income – ratio	Annual level	Per cent	6.3	6.5	6.0	5.5	6.0	6.3	7.0	7.4	8.0	8.3	8.8	9.0	9.1	9.2	9.5	9.7	9.4

Table 3.5(a) New South Wales economy: Formation of real GDP – Supply side – average annual growth																			
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025-2028
Agriculture	Annual growth rates	Per cent	0.2	1.8	23.8	-3.3	-2.9	-3.4	0.3	-5.6	14.3	-21.4	5.8	4.3	3.5	3.1	2.9	2.7	2.6
Mining	Annual growth rates	Per cent	2.8	4.1	4.2	11.1	10.6	7.9	3.4	-8.2	-14.6	-3.9	1.2	0.6	0.8	0.2	0.4	-0.1	0.5
Manufacturing	Annual growth rates	Per cent	1.0	0.6	1.3	-1.4	-4.2	-2.5	-4.9	-3.4	-2.3	-1.5	0.3	0.4	0.5	0.8	1.4	1.6	1.3
Construction	Annual growth rates	Per cent	0.9	1.0	0.4	-5.6	9.2	-1.5	4.2	15.0	6.0	13.7	4.1	0.4	-5.4	-7.9	-4.4	-0.3	4.1
Distribution	Annual growth rates	Per cent	2.1	1.9	2.5	1.5	6.8	-2.3	3.0	7.2	7.8	2.8	2.1	2.3	1.4	-0.2	1.8	3.9	2.4
Finance	Annual growth rates	Per cent	3.9	4.3	1.5	2.9	4.3	6.0	4.0	4.0	1.8	1.9	2.1	1.9	1.7	1.1	1.0	1.0	1.0
Business services	Annual growth rates	Per cent	1.1	0.8	2.4	1.0	2.8	2.6	4.2	4.8	3.8	3.9	2.7	2.6	1.6	2.9	2.9	2.5	2.3
Community services	Annual growth rates	Per cent	2.8	3.5	1.8	1.5	3.1	4.0	3.5	2.8	3.2	4.7	2.5	3.1	2.7	2.2	3.7	5.0	3.8
Ownership of dwellings	Annual growth rates	Per cent	2.4	-0.2	2.5	1.1	1.4	2.1	2.3	2.3	2.3	2.5	2.3	2.2	2.0	1.5	0.9	0.6	1.0
Indirect taxes and other	Annual growth rates	Per cent	1.4	4.7	5.2	14.4	-10.9	9.4	-0.4	-4.8	-13.3	0.5	2.5	2.2	1.1	0.0	1.3	2.6	2.4
GDP	Annual growth rates	Per cent	1.8	1.8	2.6	2.0	2.0	2.4	2.7	3.4	2.1	3.1	2.5	2.2	1.2	1.0	1.8	2.4	2.3
Manufacturing capacity output	Annual growth rates	Per cent	-0.4	-1.0	-1.9	1.3	-2.4	-2.7	-2.6	-4.3	-2.1	-2.8	-0.6	-0.1	0.2	0.8	1.3	1.4	1.2
Manufacturing investment to capital stock ratio – %	Annual level	Per cent	9.9	10.6	8.7	9.3	7.6	6.8	6.5	7.6	8.1	9.6	9.7	10.2	10.7	11.1	10.8	10.5	10.9

Table 3.5(b) New South Wales economy: Formation of real GDP – Supply side – percentage point contribution to GDP growth																			
			2000-2005	2005-2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025-2028
Agriculture	Percentage point	Per cent	0.0	0.0	0.4	-0.1	0.0	0.0	0.0	-0.1	0.2	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Mining	Percentage point	Per cent	0.0	0.1	0.1	0.2	0.2	0.2	0.1	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing	Percentage point	Per cent	0.1	0.1	0.1	-0.1	-0.3	-0.2	-0.3	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Construction	Percentage point	Per cent	0.0	0.1	0.0	-0.3	0.5	-0.1	0.2	0.9	0.4	1.0	0.3	0.0	-0.4	-0.5	-0.2	0.0	0.2
Distribution	Percentage point	Per cent	0.3	0.2	0.3	0.2	0.9	-0.3	0.4	0.9	1.1	0.4	0.3	0.3	0.2	0.0	0.2	0.5	0.3
Finance	Percentage point	Per cent	0.4	0.5	0.2	0.3	0.5	0.7	0.5	0.5	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1
Business services	Percentage point	Per cent	0.4	0.2	0.7	0.3	0.8	0.8	1.3	1.5	1.2	1.2	0.8	0.8	0.5	1.0	1.0	0.8	0.8
Community services	Percentage point	Per cent	0.3	0.4	0.2	0.2	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.4	0.3	0.3	0.4	0.6	0.5
Ownership of dwellings	Percentage point	Per cent	0.3	0.0	0.3	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Indirect taxes and other	Percentage point	Per cent	0.1	0.4	0.4	1.3	-0.9	0.8	0.0	-0.4	-0.9	0.0	0.2	0.1	0.1	0.0	0.1	0.2	0.2
GDP	Percentage point	Per cent	1.8	1.8	2.6	2.0	2.0	2.4	2.7	3.4	2.1	3.1	2.5	2.2	1.2	1.0	1.8	2.4	2.3

## 4. Endeavour sub-regions: Housing affordability

The key housing affordability indicators for the major Endeavour sub-regions are given in Tables 4.1 to 4.5.

For the Sydney Outer South West region, as of the middle of 2017 the new dwelling costs are in parity with the established dwelling costs. The history has been one where the new dwelling costs have declined towards established dwelling price parity as a result of the decline in houses vis-à-vis apartments in terms of new dwelling construction. From this perspective, or the incentive for new dwelling construction from the perspective of developers currently has not been higher since the early 1990s.

The negative housing affordability for this sub-region from Table 4.1 is the high mortgage cost ratio compared to catchment income. Therefore sustained housing dwelling construction and, therefore, sustained population growth depends on a proportion of the new population being able to secure relatively high paying employment outside the labour market catchment of the sub-region.

The situation is similar for the Sydney Outer West region with the exception that the mortgage cost for both established and new dwellings compared to catchment income is lower than the Sydney Outer South West. This is due to the catchment income for the Sydney Outer West being considerably higher than for the Sydney Outer South West. The inference for this sub-region is also that compared to the past the incentives for the expansion in the housing stock have not been higher.

The same conclusion also applies to the Parramatta-Ryde region but for a different reason. The affordability of established dwellings is poor. However the affordability of new dwellings is high because the share of apartments in new construction is high allowing the affordability of new construction to be high. The result is that new dwelling affordability is now more than twice of what it was in the early 1990s.

The NSW Central West has reasonable new dwelling construction affordability. The negative is the low cost of established dwellings, thereby discouraging developers.

The NSW Illawarra has the best overall indicators for housing affordability encouraging property developers and owner occupiers. The major constraint is the relatively low probability of securing employment with an income in line with average catchment income.

In short, the conclusion from the housing affordability data would be that the risk of the 2001 to 2007 experience being repeated, where an established home price boom led to a large scale increase in out-migration from both the Endeavour region and New South Wales, is unlikely. This means that over the next decade whatever the New South Wales economic demographic outcome, with the exception of the Low scenario, the share of the Endeavour region in New South Wales population and economic activity is likely to increase.

								<b>Annual growth 1996 to 2017 (%)</b>
<b>Housing indicator</b>	<b>1991.3</b>	<b>1996.3</b>	<b>2001.3</b>	<b>2006.3</b>	<b>2011.2</b>	<b>2014.2</b>	<b>2017.2</b>	
Average established dwelling price (\$cvm '000s)	188.4	207.9	320.8	417.6	414.1	480.0	639.7	5.6%
Average adjusted household income per occupied dwelling	81109	83107	92363	105221	124513	126885	122330	1.9%
Ratio of adjusted dwelling price to adjusted average household disposable income	2.3	2.5	3.5	4.0	3.3	3.8	5.2	3.6%
Average household income from labour market catchment	47083	49211	48951	53058	61119	62080	62954	1.2%
Ratio of average mortgage costs on established dwellings to average household catchment income	43.4%	35.4%	42.9%	56.8%	49.3%	46.7%	56.9%	2.3%
Ratio of average mortgage costs on new dwellings to average household catchment income	70.4%	52.5%	51.6%	56.6%	53.5%	49.0%	53.6%	0.1%
Share of flats in dwelling stock	8.2%	7.7%	6.7%	6.6%	7.3%	8.1%	9.3%	0.9%
Ratio of houses in new dwelling approvals	na	84.5%	87.6%	55.7%	73.0%	74.3%	68.8%	-1.0%
Adults per occupied dwelling	2.3	2.2	2.3	2.2	2.3	2.4	2.3	0.1%

								<b>Annual growth 1996 to 2017 (%)</b>
<b>Housing indicator</b>	<b>1991.3</b>	<b>1996.3</b>	<b>2001.3</b>	<b>2006.3</b>	<b>2011.2</b>	<b>2014.2</b>	<b>2017.2</b>	
Average established dwelling price (\$cvm '000s)	195.0	202.6	315.2	409.5	411.4	478.5	627.1	5.6%
Average adjusted household income per occupied dwelling	84810	87293	92567	103567	124883	127438	121843	1.6%
Ratio of adjusted dwelling price to adjusted average household disposable income	2.3	2.3	3.4	4.0	3.3	3.8	5.2	3.9%
Average household income from labour market catchment	53459	58838	61762	66410	73094	76847	82126	1.6%
Ratio of average mortgage costs on established dwellings to average household catchment income	39.4%	30.0%	35.5%	48.6%	44.5%	41.0%	46.6%	2.1%
Ratio of average mortgage costs on new dwellings to average household catchment income	63.8%	46.6%	42.0%	49.6%	49.3%	40.2%	42.9%	-0.4%
Share of flats in dwelling stock	5.2%	4.9%	4.8%	4.9%	5.3%	6.0%	7.2%	1.9%
Ratio of houses in new dwelling approvals	na	76.8%	78.7%	67.0%	82.6%	70.8%	69.7%	-0.5%
Adults per occupied dwelling	2.2	2.2	2.2	2.2	2.3	2.3	2.2	0.1%

								<b>Annual growth 1996 to 2017 (%)</b>
<b>Housing indicator</b>	<b>1991.3</b>	<b>1996.3</b>	<b>2001.3</b>	<b>2006.3</b>	<b>2011.2</b>	<b>2014.2</b>	<b>2017.2</b>	
Average established dwelling price (\$cvm '000s)	315.1	358.6	559.1	654.0	747.7	864.7	1097.1	5.5%
Average adjusted household income per occupied dwelling	90730	93031	96977	110740	136066	138883	125923	1.5%
Ratio of adjusted dwelling price to adjusted average household disposable income	3.5	3.9	5.8	5.9	5.5	6.3	8.8	4.0%
Average household income from labour market catchment	70185	77249	84709	92870	102286	104949	106734	1.6%
Ratio of average mortgage costs on established dwellings to average household catchment income	49.1%	40.6%	45.9%	54.1%	56.3%	52.2%	60.1%	1.9%
Ratio of average mortgage costs on new dwellings to average household catchment income	63.3%	46.2%	38.4%	46.6%	45.0%	28.9%	29.3%	-2.2%
Share of flats in dwelling stock	27.1%	27.6%	27.9%	29.5%	31.7%	34.3%	39.3%	1.7%
Ratio of houses in new dwelling approvals	na	30.4%	26.0%	33.5%	27.4%	11.2%	10.3%	-5.1%
Adults per occupied dwelling	2.3	2.2	2.2	2.2	2.3	2.3	2.2	-0.1%

								<b>Annual growth 1996 to 2017 (%)</b>
<b>Housing indicator</b>	<b>1991.3</b>	<b>1996.3</b>	<b>2001.3</b>	<b>2006.3</b>	<b>2011.2</b>	<b>2014.2</b>	<b>2017.2</b>	
Average established dwelling price (\$cvm '000s)	123.1	136.1	144.5	242.8	242.5	274.3	288.6	3.7%
Average adjusted household income per occupied dwelling	78037	80565	93970	100803	114876	120459	122854	2.1%
Ratio of adjusted dwelling price to adjusted average household disposable income	1.6	1.7	1.6	2.5	2.1	2.3	2.5	1.8%
Average household income from labour market catchment	47282	50540	52705	56484	63345	65551	66404	1.3%
Ratio of average mortgage costs on established dwellings to average household catchment income	27.3%	22.8%	18.8%	33.0%	29.2%	26.4%	25.4%	0.5%
Ratio of average mortgage costs on new dwellings to average household catchment income	76.3%	56.9%	43.4%	48.0%	43.2%	35.7%	33.3%	-2.6%
Share of flats in dwelling stock	6.8%	6.4%	6.5%	6.1%	5.2%	5.2%	5.5%	-0.7%
Ratio of houses in new dwelling approvals	na	87.8%	92.2%	87.5%	92.5%	89.5%	83.4%	-0.3%
Adults per occupied dwelling	2.1	2.0	2.0	2.0	2.0	2.0	2.0	-0.1%



Table 4.5 Housing – NSW Illawarra								
Housing indicator	1991.3	1996.3	2001.3	2006.3	2011.2	2014.2	2017.2	Annual growth 1996 to 2017 (%)
Average established dwelling price (\$cvm '000s)	197.9	230.7	306.3	443.5	454.9	463.0	591.1	4.6%
Average adjusted household income per occupied dwelling	72416	72266	83775	95333	112816	121798	120875	2.5%
Ratio of adjusted dwelling price to adjusted average household disposable income	2.7	3.2	3.7	4.6	4.0	3.8	4.9	2.1%
Average household income from labour market catchment	67363	76311	87509	100905	112234	118394	124161	2.4%
Ratio of average mortgage costs on established dwellings to average household catchment income	30.8%	25.6%	23.8%	33.3%	30.8%	24.8%	28.2%	0.5%
Ratio of average mortgage costs on new dwellings to average household catchment income	60.9%	43.2%	29.7%	34.8%	32.0%	23.6%	22.1%	-3.2%
Share of flats in dwelling stock	16.2%	15.2%	14.9%	14.6%	14.2%	14.6%	16.2%	0.3%
Ratio of houses in new dwelling approvals	na	66.7%	62.6%	52.5%	57.5%	47.7%	35.6%	-3.0%
Adults per occupied dwelling	2.2	2.1	2.1	2.1	2.1	2.2	2.1	0.0%

Table 4.6 Housing – Australia								
Housing indicator	1991.3	1996.3	2001.3	2006.3	2011.2	2014.2	2017.2	Annual growth 1996 to 2017 (%)
Average established dwelling price (\$cvm '000s)	196.3	213.2	291.2	421.1	491.8	495.6	565.3	4.8%
Average adjusted household income per occupied dwelling	74287	75793	85057	101118	119835	118605	115670	2.1%
Ratio of adjusted dwelling price to adjusted average household disposable income	2.6	2.8	3.4	4.1	4.0	4.1	4.8	2.6%
Average household income from labour market catchment	51375	57383	64988	73723	82187	82294	77290	1.4%
Ratio of average mortgage costs on established dwellings to average household catchment income	40.6%	32.0%	30.6%	43.8%	46.2%	38.6%	42.8%	1.4%
Ratio of average mortgage costs on new dwellings to average household catchment income	80.6%	58.1%	42.0%	47.9%	46.8%	37.7%	39.0%	-1.9%
Share of flats in dwelling stock	13.7%	13.5%	13.4%	14.1%	14.2%	14.9%	16.4%	0.9%
Ratio of houses in new dwelling approvals	na	68.6%	69.0%	64.6%	63.9%	60.6%	58.3%	-0.8%
Adults per occupied dwelling	2.1	2.1	2.0	2.0	2.1	2.1	2.0	0.0%

## 5. The Endeavour region: Economic prospects

### 5.1 Population

Between 1998 and 2017 fiscal years, the population of the Endeavour region increased by 591,000, or 38% of the total increase in New South Wales population of 1.54 million. In terms of the Endeavour sub-regions, four LGAs captured over 50% of the increase of 591,000. Blacktown captured 19% of the increase, followed by 13% each for Liverpool, 13% and Baulkham Hills and 11% in Parramatta. The residual group of LGAs captured between 1% for Blue Mountains and at the top end Camden with an 8% share of the capture of the population increase.

In terms of the projection of fiscal year 2017 to 2029, the growth rates in population will be determined by:

- (i) available unused land for housing development; and
- (ii) the changes in dwelling density per hectare.

In general the largest, fastest growing LGAs of the past would be expected to experience slower population growth in the future unless declining land availability was offset by increased population densities.

Over the projection period the overall Base case increase in population is 580,000 over 12 years, which is only a little less than the historical outcome of 591,000 which of course took place over 19 years. The projected increase in New South Wales population is 1.29 million, so the projection entails a significant increase in Endeavour region's share of New South Wales population.

Blacktown's share of the population increase declines by 2 percentage points to 16.5%, while the Liverpool share declines by a similar amount. This is offset by similar increases in the share of Baulkham Hills and Parramatta.

Camden's share of the population increases from 8% for the historical period to 13% for the projection period. The increase in the Camden population between 2017 and 2029 is 90%. Campbelltown and Penrith capture between 6% and 7% of the overall projected increase in the Endeavour region's population.

For the high case, the increase is 778,000 in Endeavour region's population between 2017 and 2019, while for the low case the population increase is 419,000.

### 5.2 Economic activity: Gross Regional Product (GRP)

In terms of the share of gross regional product, the Endeavour LGA with the largest share in 2017 was Parramatta with a 16% share.

The next highest contributor to Endeavour region's economic activity was Blacktown with a 14% share, followed by Baulkham Hills and Wollongong each with a 9.5% share. Four LGAs generate just under 50% of the Endeavour Region's economic activity.

Not surprisingly, the largest LGAs in 2017 in terms of GRP also captured the largest share of the increase in Endeavour region's GRP between 1998 and 2017. Parramatta captured 16% of the increase, followed by 15% for Blacktown, 12% for Baulkham Hills and 8% for Liverpool and Wollongong.

In terms of future economic growth, the LGAs with the highest national share of GRP are also likely to capture high foreseeable future increases in economic activity. This is because the sub-regions with the highest scale, in terms of economic activity, will be:

- (i) the most productive;
- (ii) because of (i), they tend to have the highest cash flow for investment; and
- (iii) because of (ii) will have the highest potential to expand capacity.

Unsurprisingly, therefore, the base scenario projected LGA share capture of the total increase in GRP for the Endeavour region is similar to the historic outcome. Parramatta captures the largest increase in GRP with a 21% share, followed by Blacktown with a 15% share and then Baulkham Hills with a 12% share. The share of Liverpool is 10%.

Over the historical period the Endeavour region's capture of the increase in New South Wales GRP between 1998 and 2017 was 22% which as outlined above was due to negative factors which are likely to be absent over the projection period. Accordingly, over the projection period for the Base scenario, the increase in the Endeavour region in the total increase in New South Wales GRP is projected to be 28%. The sustained growth in the major production nodes in the Endeavour region means that their scale and competitiveness has steadily increased and, with major new transport infrastructure investment due to be completed in the region over the next 12 years, this will give an extra stimulus to productivity growth and growth opportunities.

The subdued days of 2000 to 2007, when the Endeavour region's GRP as a share of New South Wales GRP fell, are unlikely to return.

For the Base scenario the projected increase in Endeavour region's GRP is \$<sub>CVM</sub>40 billion. The increase for the High scenario is \$<sub>CVM</sub>59 billion, while for the Low scenario it is \$<sub>CVM</sub>21 billion.

### 5.3 Average weekly earnings

The role of economic activity in a region will determine productivity and therefore real income generated from the economic activity. Thus, the smaller LGAs, in terms of the GRP share of Endeavour region's GRP, typically have average weekly earnings between \$<sub>CVM</sub>1,300 and \$<sub>CVM</sub>1,400. However, for LGAs with the higher scale the residents tend to have average weekly earnings between \$<sub>CVM</sub>1,500 and \$<sub>CVM</sub>1,800.

The correlation between the data in the tables for GRP and average weekly earnings is blunted by the fact that the former is a measurement of activity created within LGA boundaries while the latter is for residents irrespective of where they work. Nevertheless, the basic trends are apparent. The exceptions are for places like the Blue Mountains where the residents can select employment opportunities from a number of high paying LGAs.

### 5.4 The other indicators

The LGA indicators for employment, disposable income and households are also available in the attached tables. The outcomes are explainable in terms of the core driver outcomes noted above.

Table 5.1 Households by Endeavour Energy LGA, EE Total and NSW (number)

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW	
Historic	1997/98	39,242	77,234	26,808	11,745	45,656	53,764	19,743	29,709	6,521	7,091	42,695	50,575	54,656	1,174	18,403	30,371	13,848	11,311	66,321	606,867	2,234,611	Historic
	1998/99	40,397	79,046	27,108	12,506	45,978	53,920	20,047	29,781	6,637	7,201	44,555	50,708	55,387	1,187	18,844	31,045	14,258	11,542	66,856	617,003	2,823,956	
	1999/00	42,213	80,471	27,356	13,324	46,276	54,308	20,333	30,267	6,795	7,227	46,568	50,790	56,239	1,195	19,305	31,732	14,712	11,798	67,289	628,198	2,874,466	
	2000/01	43,921	82,105	27,708	14,137	46,730	54,788	20,569	30,766	6,856	7,328	48,501	51,363	57,063	1,197	19,725	32,346	14,994	12,075	67,911	640,082	2,952,122	
	2001/02	45,500	83,487	27,861	14,705	46,917	54,913	20,572	30,985	6,930	7,404	49,465	51,750	57,441	1,204	20,012	32,690	15,179	12,291	68,331	647,636	3,017,630	
	2002/03	47,528	85,072	27,989	15,151	47,174	55,157	20,636	31,307	7,006	7,480	50,411	52,275	57,908	1,210	20,409	33,302	15,463	12,567	69,000	657,045	3,043,082	
	2003/04	49,273	86,448	28,116	15,522	47,348	55,484	20,714	31,620	7,041	7,556	51,038	53,090	58,379	1,215	20,772	33,929	15,683	12,861	69,562	665,651	3,096,599	
	2004/05	50,447	87,632	28,225	15,866	47,623	55,800	20,756	31,945	7,029	7,640	51,560	53,910	58,688	1,225	21,077	34,471	15,923	13,128	70,052	672,999	3,132,200	
	2005/06	51,021	88,394	28,277	16,116	47,798	56,005	20,728	32,358	7,001	7,696	52,081	54,401	58,594	1,236	21,277	34,744	16,085	13,306	70,441	677,557	3,169,046	
	2006/07	51,759	89,696	28,466	16,393	48,055	56,314	20,939	32,931	7,123	7,732	52,987	55,489	58,953	1,256	21,596	35,177	16,305	13,503	71,439	686,112	3,221,449	
	2007/08	52,534	91,118	28,650	16,752	48,190	56,473	21,073	33,380	7,237	7,792	53,871	56,549	59,502	1,275	21,883	35,612	16,524	13,660	72,229	694,304	3,281,212	
	2008/09	53,240	92,696	28,827	17,188	48,320	56,678	21,207	33,939	7,347	7,864	54,609	57,437	60,009	1,286	22,129	36,054	16,801	13,834	72,797	702,260	3,378,174	
	2009/10	53,816	94,344	29,047	17,594	48,606	57,062	21,356	34,242	7,466	7,952	55,379	58,439	60,533	1,294	22,371	36,446	17,079	14,047	73,213	710,285	3,398,458	
	2010/11	54,447	96,084	29,297	18,244	49,069	57,592	21,516	34,595	7,594	8,056	56,408	59,705	61,290	1,303	22,666	36,981	17,242	14,266	73,740	720,093	3,420,157	
	2011/12	55,440	97,514	29,536	19,176	49,397	57,984	21,676	35,048	7,728	8,142	57,372	61,000	62,165	1,313	22,912	37,483	17,395	14,526	74,177	729,983	3,502,486	
	2012/13	56,839	99,122	29,765	20,209	49,807	58,317	21,910	35,471	7,852	8,202	58,511	62,474	63,199	1,324	23,195	37,854	17,526	14,778	74,671	741,024	3,522,519	
2013/14	58,272	101,391	30,011	21,604	50,508	58,706	22,234	35,774	7,979	8,271	60,046	64,541	64,547	1,338	23,583	38,295	17,686	14,987	75,249	755,023	3,581,725		
2014/15	60,396	104,241	30,280	23,204	51,446	59,287	22,476	36,274	8,129	8,340	62,198	66,575	66,143	1,353	24,072	38,777	17,983	15,293	76,110	772,576	3,598,536		
2015/16	63,063	107,664	30,591	25,244	52,713	60,025	22,718	37,240	8,372	8,412	64,521	69,243	67,905	1,360	24,591	39,346	18,440	15,719	77,346	794,514	3,643,461		
2016/17	66,091	111,621	30,935	27,678	53,967	60,894	22,977	38,613	8,778	8,503	67,273	72,416	70,002	1,364	25,085	39,878	18,860	16,112	78,452	819,499	3,775,713		
Base Case forecast	2017/18	69,243	115,323	31,175	30,207	55,486	61,939	23,200	40,102	8,916	8,592	70,301	75,450	71,968	1,386	25,647	40,613	19,305	16,512	79,623	844,989	3,842,664	
	2018/19	72,370	119,057	31,403	32,890	56,948	62,996	23,409	41,737	9,081	8,676	73,552	78,510	74,017	1,407	26,191	41,319	19,704	16,869	80,655	870,792	3,904,693	
	2019/20	74,700	122,019	31,553	35,083	57,993	63,682	23,704	42,703	9,369	8,724	75,817	81,326	75,578	1,418	26,574	41,733	19,929	17,122	81,444	890,470	3,963,764	
	2020/21	76,891	124,668	31,732	36,974	59,016	64,159	23,985	43,538	9,490	8,757	77,707	84,397	76,876	1,430	26,998	42,106	20,093	17,297	82,344	908,458	4,017,277	
	2021/22	79,187	127,356	31,912	38,946	60,079	64,631	24,265	44,292	9,606	8,786	79,624	87,286	78,138	1,442	27,411	42,462	20,249	17,513	83,214	926,400	4,059,696	
	2022/23	81,551	130,016	32,080	40,980	61,156	65,066	24,534	44,938	9,714	8,809	81,518	89,940	79,329	1,453	27,799	42,783	20,388	17,760	84,016	943,829	4,101,190	
	2023/24	84,058	132,774	32,265	43,113	62,304	65,528	24,814	45,520	9,823	8,832	83,473	92,445	80,521	1,466	28,188	43,109	20,530	18,056	84,829	961,646	4,136,683	
	2024/25	86,737	135,668	32,478	45,361	63,544	66,035	25,113	46,048	9,936	8,859	85,509	94,826	81,740	1,480	28,588	43,453	20,681	18,407	85,677	980,141	4,174,018	
	2025/26	89,557	138,642	32,708	47,709	64,855	66,563	25,422	46,500	10,050	8,887	87,590	97,037	82,957	1,493	28,988	43,799	20,834	18,806	86,528	998,926	4,217,726	
	2026/27	92,537	141,880	33,005	50,207	66,288	67,191	25,791	47,056	10,182	8,928	89,793	99,484	84,347	1,509	29,445	44,217	21,021	19,261	87,530	1,019,672	4,266,838	
2027/28	95,314	144,832	33,238	52,663	67,583	67,656	26,119	47,533	10,293	8,944	91,769	101,783	85,581	1,522	29,844	44,533	21,157	19,698	88,341	1,038,402	4,318,430		
2028/29	98,200	147,969	33,519	55,242	68,962	68,184	26,492	48,087	10,418	8,968	93,817	104,264	86,941	1,536	30,282	44,896	21,315	20,180	89,254	1,058,527	4,378,316		
Low Case forecast	2017/18	68,967	114,863	31,051	30,087	55,265	61,692	23,108	39,942	8,880	8,558	70,020	75,150	71,682	1,380	25,545	40,451	19,228	16,446	79,306	841,621	3,833,459	
	2018/19	71,650	117,873	31,091	32,563	56,381	62,370	23,176	41,322	8,991	8,589	72,821	77,729	73,281	1,393	25,930	40,908	19,508	16,701	79,853	862,132	3,876,540	
	2019/20	73,724	120,433	31,133	34,632	57,224	62,842	23,392	42,152	9,246	8,607	74,839	80,280	74,582	1,399	26,222	41,181	19,664	16,897	80,371	878,819	3,929,971	
	2020/21	75,374	122,230	31,106	36,241	57,845	62,899	23,513	42,694	9,302	8,598	76,195	82,748	75,358	1,402	26,465	41,276	19,695	16,958	80,727	890,626	3,969,328	
	2021/22	77,067	124,001	31,077	37,878	58,479	62,945	23,629	43,141	9,352	8,571	77,530	84,964	76,071	1,404	26,685	41,350	19,716	17,054	81,038	901,949	3,996,948	
	2022/23	78,743	125,620	31,005	39,532	59,068	62,894	23,709	43,443	9,386	8,528	78,765	86,875	76,640	1,405	26,857	41,349	19,702	17,162	81,202	911,883	4,023,972	
	2023/24	80,520	127,256	30,923	41,277	59,684	62,814	23,783	43,653	9,413	8,478	80,013	88,603	77,157	1,405	27,010	41,319	19,673	17,304	81,313	921,599	4,043,343	
	2024/25	82,502	129,113	30,903	43,132	60,436	62,846	23,898	43,849	9,453	8,442	81,392	90,257	77,767	1,408	27,198	41,349	19,675	17,514	81,538	932,670	4,064,388	
	2025/26	84,507	130,904	30,873	45,004	61,189	62,845	24,000	43,937	9,485	8,401	82,719	91,644	78,297	1,409	27,359	41,347	19,662	17,751	81,697</			



Table 5.2	Households by Endeavour Energy LGA, EE Total and NSW (growth rates - per cent)																					
	Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW	
Historic	1997/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1998/99	2.9%	2.3%	1.1%	6.5%	0.7%	0.3%	1.5%	0.2%	1.8%	1.6%	4.4%	0.3%	1.3%	1.2%	2.4%	2.2%	3.0%	2.0%	0.8%	1.7%	26.4%
	1999/00	4.5%	1.8%	0.9%	6.5%	0.6%	0.7%	1.4%	1.6%	2.4%	0.4%	4.5%	0.2%	1.5%	0.7%	2.4%	2.2%	3.2%	2.2%	0.6%	1.8%	1.8%
	2000/01	4.0%	2.0%	1.3%	6.1%	1.0%	0.9%	1.2%	1.6%	0.9%	1.4%	4.1%	1.1%	1.5%	0.1%	2.2%	1.9%	1.9%	2.3%	0.9%	1.9%	2.7%
	2001/02	3.6%	1.7%	0.6%	4.0%	0.4%	0.2%	0.0%	0.7%	1.1%	1.0%	2.0%	0.8%	0.7%	0.5%	1.5%	1.1%	1.2%	1.8%	0.6%	1.2%	2.2%
	2002/03	4.5%	1.9%	0.5%	3.0%	0.5%	0.4%	0.3%	1.0%	1.1%	1.0%	1.9%	1.0%	0.8%	0.5%	2.0%	1.9%	1.9%	2.2%	1.0%	1.5%	0.8%
	2003/04	3.7%	1.6%	0.5%	2.4%	0.4%	0.6%	0.4%	1.0%	0.5%	1.0%	1.2%	1.6%	0.8%	0.5%	1.8%	1.9%	1.4%	2.3%	0.8%	1.3%	1.8%
	2004/05	2.4%	1.4%	0.4%	2.2%	0.6%	0.6%	0.2%	1.0%	-0.2%	1.1%	1.0%	1.5%	0.5%	0.8%	1.5%	1.6%	1.5%	2.1%	0.7%	1.1%	1.1%
	2005/06	1.1%	0.9%	0.2%	1.6%	0.4%	0.4%	-0.1%	1.3%	-0.4%	0.7%	1.0%	0.9%	-0.2%	0.9%	0.9%	0.8%	1.0%	1.4%	0.6%	0.7%	1.2%
	2006/07	1.4%	1.5%	0.7%	1.7%	0.5%	0.6%	1.0%	1.8%	1.7%	0.5%	1.7%	2.0%	0.6%	1.6%	1.5%	1.2%	1.4%	1.5%	1.4%	1.3%	1.7%
	2007/08	1.5%	1.6%	0.6%	2.2%	0.3%	0.3%	0.6%	1.4%	1.6%	0.8%	1.7%	1.9%	0.9%	1.5%	1.3%	1.2%	1.3%	1.2%	1.1%	1.2%	1.9%
	2008/09	1.3%	1.7%	0.6%	2.6%	0.3%	0.4%	0.6%	1.7%	1.5%	0.9%	1.4%	1.6%	0.9%	0.9%	1.1%	1.2%	1.7%	1.3%	0.8%	1.1%	3.0%
	2009/10	1.1%	1.8%	0.8%	2.4%	0.6%	0.7%	0.7%	0.9%	1.6%	1.1%	1.4%	1.7%	0.9%	0.6%	1.1%	1.1%	1.7%	1.5%	0.6%	1.1%	0.6%
	2010/11	1.2%	1.8%	0.9%	3.7%	1.0%	0.9%	0.7%	1.0%	1.7%	1.3%	1.9%	2.2%	1.2%	0.7%	1.3%	1.5%	1.0%	1.6%	0.7%	1.4%	0.6%
	2011/12	1.8%	1.5%	0.8%	5.1%	0.7%	0.7%	0.7%	1.3%	1.8%	1.1%	1.7%	2.2%	1.4%	0.8%	1.1%	1.4%	0.9%	1.8%	0.6%	1.4%	2.4%
	2012/13	2.5%	1.6%	0.8%	5.4%	0.8%	0.6%	1.1%	1.2%	1.6%	0.7%	2.0%	2.4%	1.7%	0.8%	1.2%	1.0%	0.8%	1.7%	0.7%	1.5%	0.6%
	2013/14	2.5%	2.3%	0.8%	6.9%	1.4%	0.7%	1.5%	0.9%	1.6%	0.8%	2.6%	3.3%	2.1%	1.1%	1.7%	1.2%	0.9%	1.4%	0.8%	1.9%	1.7%
	2014/15	3.6%	2.8%	0.9%	7.4%	1.9%	1.0%	1.1%	1.4%	1.9%	0.8%	3.6%	3.2%	2.5%	1.1%	2.1%	1.3%	1.7%	2.0%	1.1%	2.3%	0.5%
	2015/16	4.4%	3.3%	1.0%	8.8%	2.5%	1.2%	1.1%	2.7%	3.0%	0.9%	3.7%	4.0%	2.7%	0.5%	2.2%	1.5%	2.5%	2.8%	1.6%	2.8%	1.2%
	2016/17	4.8%	3.7%	1.1%	9.6%	2.4%	1.4%	1.1%	3.7%	4.8%	1.1%	4.3%	4.6%	3.1%	0.3%	2.0%	1.4%	2.3%	2.5%	1.4%	3.1%	3.6%
Base Case forecast	2017/18	4.8%	3.3%	0.8%	9.1%	2.8%	1.7%	1.0%	3.9%	1.6%	1.0%	4.5%	4.2%	2.8%	1.6%	2.2%	1.8%	2.4%	2.5%	1.5%	3.1%	1.8%
	2018/19	4.5%	3.2%	0.7%	8.9%	2.6%	1.7%	0.9%	4.1%	1.9%	1.0%	4.6%	4.1%	2.8%	1.5%	2.1%	1.7%	2.1%	2.2%	1.3%	3.1%	1.6%
	2019/20	3.2%	2.5%	0.5%	6.7%	1.8%	1.1%	1.3%	2.3%	3.2%	0.6%	3.1%	3.6%	2.1%	0.7%	1.5%	1.0%	1.1%	1.5%	1.0%	2.3%	1.5%
	2020/21	2.9%	2.2%	0.6%	5.4%	1.8%	0.7%	1.2%	2.0%	1.3%	0.4%	2.5%	3.8%	1.7%	0.9%	1.6%	0.9%	0.8%	1.0%	1.1%	2.0%	1.4%
	2021/22	3.0%	2.2%	0.6%	5.3%	1.8%	0.7%	1.2%	1.7%	1.2%	0.3%	2.5%	3.4%	1.6%	0.8%	1.5%	0.8%	0.8%	1.2%	1.1%	2.0%	1.1%
	2022/23	3.0%	2.1%	0.5%	5.2%	1.8%	0.7%	1.1%	1.5%	1.1%	0.3%	2.4%	3.0%	1.5%	0.8%	1.4%	0.8%	0.7%	1.4%	1.0%	1.9%	1.0%
	2023/24	3.1%	2.1%	0.6%	5.2%	1.9%	0.7%	1.1%	1.3%	1.1%	0.3%	2.4%	2.8%	1.5%	0.9%	1.4%	0.8%	0.7%	1.7%	1.0%	1.9%	0.9%
	2024/25	3.2%	2.2%	0.7%	5.2%	2.0%	0.8%	1.2%	1.2%	1.2%	0.3%	2.4%	2.6%	1.5%	0.9%	1.4%	0.8%	0.7%	1.9%	1.0%	1.9%	0.9%
	2025/26	3.3%	2.2%	0.7%	5.2%	2.1%	0.8%	1.2%	1.0%	1.1%	0.3%	2.4%	2.3%	1.5%	0.9%	1.4%	0.8%	0.7%	2.2%	1.0%	1.9%	1.0%
	2026/27	3.3%	2.3%	0.9%	5.2%	2.2%	0.9%	1.5%	1.2%	1.3%	0.5%	2.5%	2.5%	1.7%	1.1%	1.6%	1.0%	0.9%	2.4%	1.2%	2.1%	1.2%
	2027/28	3.0%	2.1%	0.7%	4.9%	2.0%	0.7%	1.3%	1.0%	1.1%	0.2%	2.2%	2.3%	1.5%	0.8%	1.4%	0.7%	0.6%	2.3%	0.9%	1.8%	1.2%
	2028/29	3.0%	2.2%	0.8%	4.9%	2.0%	0.8%	1.4%	1.2%	1.2%	0.3%	2.2%	2.4%	1.6%	0.9%	1.5%	0.8%	0.7%	2.5%	1.0%	1.9%	1.4%
Low Case forecast	2017/18	4.4%	2.9%	0.4%	8.7%	2.4%	1.3%	0.6%	3.4%	1.2%	0.6%	4.1%	3.8%	2.4%	1.2%	1.8%	1.4%	1.9%	2.1%	1.1%	2.7%	1.5%
	2018/19	3.9%	2.6%	0.1%	8.2%	2.0%	1.1%	0.3%	3.5%	1.2%	0.4%	4.0%	3.4%	2.2%	0.9%	1.5%	1.1%	1.5%	1.6%	0.7%	2.4%	1.1%
	2019/20	2.9%	2.2%	0.1%	6.4%	1.5%	0.8%	0.9%	2.0%	2.8%	0.2%	2.8%	3.3%	1.8%	0.4%	1.1%	0.7%	0.8%	1.2%	0.6%	1.9%	1.4%
	2020/21	2.2%	1.5%	-0.1%	4.6%	1.1%	0.1%	0.5%	1.3%	0.6%	-0.1%	1.8%	3.1%	1.0%	0.2%	0.9%	0.2%	0.2%	0.4%	0.4%	1.3%	1.0%
	2021/22	2.2%	1.4%	-0.1%	4.5%	1.1%	0.1%	0.5%	1.0%	0.5%	-0.3%	1.8%	2.7%	0.9%	0.2%	0.8%	0.2%	0.1%	0.6%	0.4%	1.3%	0.7%
	2022/23	2.2%	1.3%	-0.2%	4.4%	1.0%	-0.1%	0.3%	0.7%	0.4%	-0.5%	1.6%	2.2%	0.7%	0.0%	0.6%	0.0%	-0.1%	0.6%	0.2%	1.1%	0.7%
	2023/24	2.3%	1.3%	-0.3%	4.4%	1.0%	-0.1%	0.3%	0.5%	0.3%	-0.6%	1.6%	2.0%	0.7%	0.1%	0.6%	-0.1%	-0.1%	0.8%	0.1%	1.1%	0.5%
	2024/25	2.5%	1.5%	-0.1%	4.5%	1.3%	0.0%	0.5%	0.5%	0.4%	-0.4%	1.7%	1.9%	0.8%	0.2%	0.7%	0.1%	0.0%	1.2%	0.3%	1.2%	0.5%
	2025/26	2.4%	1.4%	-0.1%	4.3%	1.2%	0.0%	0.4%	0.2%	0.3%	-0.5%	1.6%	1.5%	0.7%	0.1%	0.6%	0.0%	-0.1%	1.4%	0.2%	1.1%	0.6%
	2026/27	2.4%	1.4%	0.0%	4.4%	1.3%	0.0%	0.5%	0.3%	0.4%	-0.5%	1.6%	1.6%	0.7%	0.1%	0.6%	0.0%	-0.1%	1.5%	0.2%	1.2%	0.5%
	2027/28	1.9%	1.1%	-0.3%	3.8%	0.9%	-0.3%	0.3%	0.0%	0.1%	-0.8%	1.2%	1.3%	0.4%	-0.2%	0.3%	-0.3%	-0.4%	1.2%	-0.1%	0.8%	0.4%
	2028/29	2.1%	1.3%	0.0%	4.0%	1.1%	-0.1%	0.5%	0.3%	0.3%	-0.6%	1.4%	1.6%	0.7%	0.1%	0.6%	-0.1%	-0.2%	1.5%	0.1%	1.0%	0.7%
High Case forecast	2017/18	5.3%	3.7%	0.9%	10.3%	3.1%	1.9%	1.2%	4.2%	2.2%	1.2%	5.0%	4.7%	3.2%	1.8%	2.5%	2.0%	2.6%	2.8%	1.6%	3.5%	2.0%
	2018/19	5.2%	3.9%	1.2%	9.7%	3.2%	2.3%	1.5%	4.7%	2.7%	1.6%	5.3%	4.7%	3.5%	2.1%	2.7%	2.3%	2.7%	2.8%	1.9%	3.7%	2.1%
	2019/20	3.8%	2.9%	0.7%	7.5%	2.2%	1.3%	1.6%	2.7%	3.4%	0.7%	3.6%	4.3%	2.5%	1.0%	1.8%	1.3%	1.4%	1.8%	1.3%	2.7%	1.7%
	2020/21	3.7%	2.9%	1.4%	6.0%	2.6%	1.4%	1.9%	2.7%	1.5%	1.2%	3.2%	4.8%	2.4%	1.7%	2.5%	1.6%	1.5%	1.7%	1.9%	2.8%	1.7%
	2021/22	3.9%	3.0%	1.3%	6.4%	2.6%	1.4%	1.9%	2.4%	1.9%	1.0%	3.3%	4.2%	2.4%	1.5%	2.3%	1.5%	1.5%	2.1%	1.8%	2.8%	1.4%
	2022/23	3.9%	3.0%	1.4%	6.2%	2.7%	1.5%	2.0%	2.2%	2.0%	1.1%	3.3%	3.8%	2.4%	1.6%	2.3%	1.6%	1.5%	2.4%	1.8%	2.8%	1.4%
	2023/24	4.0%	3.0%	1.6%	6.0%	2.8%	1.7%	2.1%	2.1%	2.1%	1.2%	3.3%	3.5%	2.4%	1.9%	2.3%	1.7%	1.6%	2.7%	1.9%	2.8%	1.2%
	2024/25	4.0%	3.0%	1.5%	6.0%	2.8%	1.6%	2.0%	1.9%	2.0%	1.1%	3.2%	3.3%	2.3%	1.7%	2.2%	1.6%	1.5%	2.8%	1.8%	2.7%	1.3%
	2025/26	4.2%	3.1%	1.6%	6.1%	3.0%	1.7%	2.1%	1.8%	2.0%	1.2%	3.3%	3.1%	2.3%	1.8%	2.3%	1.6%	1.6%	3.1%	1.8%	2.8%	1.5%
	2026/27	4.2%	3.3%	2.0%	6.0%	3.2%	2.0%	2.5%	2.2%	2.3%	1.5%	3.4%	3.4%	2.7%	2.1%	2.6%	2.0%	1.9%	3.4%	2.2%	3.0%	1.7%
	2027/28	4.1%	3.1%	1.7%	6.1%	3.0%	1.6%	2.3%	2.0%	2.1%	1.1%	3.2%	3.4%	2.5%	1.8%	2.4%	1.7%	1.6%	3.4%	1.9%	2.9%	1.9%
	2028/29	3.9%	3.1%	1.8%	5.8%	3.0%	1.7%	2.4%	2.1%	2.1%	1.2%	3.1%	3.4%	2.5%	1.8%	2.4%	1.7%	1.6%	3.4%	1.9%	2.8%	2.0%

**Table 5.3 Population by Endeavour Energy LGA, EE Total and NSW (number)**

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW	
Historic	1997/98	129,757	247,737	75,217	37,664	148,074	186,976	60,294	85,156	18,803	19,981	137,440	142,860	170,424	3,223	55,967	81,902	39,436	35,860	184,812	1,861,587	6,305,799	Historic
	1998/99	133,542	253,466	75,660	40,054	148,339	186,622	61,090	85,515	19,144	20,228	144,006	143,842	172,165	3,261	57,114	83,602	40,503	36,559	185,986	1,890,702	6,375,103	
	1999/00	139,506	257,949	75,953	42,618	148,521	187,072	61,830	87,069	19,607	20,234	151,121	144,684	174,270	3,282	58,316	85,329	41,689	37,337	186,871	1,923,261	6,446,558	
	2000/01	145,110	263,103	76,528	45,163	149,192	187,825	62,412	88,664	19,793	20,451	158,027	146,934	176,277	3,286	59,383	86,856	42,384	38,178	188,275	1,957,841	6,530,349	
	2001/02	149,904	267,048	76,656	47,172	149,100	187,089	62,515	89,091	19,841	20,442	161,908	146,778	176,829	3,286	60,054	88,055	42,980	38,513	189,851	1,977,112	6,580,807	
	2002/03	154,342	268,806	76,651	48,441	148,743	186,489	62,530	89,413	19,836	20,418	163,835	147,310	176,610	3,265	60,815	88,861	43,257	39,215	190,475	1,989,312	6,620,715	
	2003/04	157,991	271,434	76,436	48,925	147,587	185,562	62,032	89,792	19,784	20,357	165,627	148,882	175,589	3,242	61,382	89,374	43,348	39,830	190,641	1,997,815	6,650,735	
	2004/05	161,315	275,206	75,971	49,990	147,220	185,740	61,698	91,042	19,690	20,272	167,472	150,439	175,799	3,233	61,863	90,173	43,402	40,411	190,721	2,011,657	6,693,206	
	2005/06	164,132	278,894	75,600	50,628	146,538	186,117	61,725	92,752	19,626	20,186	169,868	152,948	176,067	3,232	62,243	90,505	43,532	40,969	190,909	2,026,471	6,742,690	
	2006/07	166,054	284,925	76,198	52,178	147,159	187,872	62,262	95,335	19,809	20,277	172,875	157,095	177,280	3,269	62,916	91,497	44,054	41,589	192,770	2,055,414	6,834,156	
	2007/08	169,508	292,002	77,102	53,736	148,407	190,654	63,066	98,038	19,933	20,352	177,372	161,894	179,851	3,314	63,956	92,351	44,539	42,401	195,437	2,093,913	6,943,461	
	2008/09	173,074	299,450	77,869	55,377	149,986	193,557	63,618	100,097	20,219	20,621	181,712	166,816	181,901	3,356	64,778	93,754	45,165	43,145	197,887	2,132,382	7,053,755	
	2009/10	175,748	306,601	78,227	56,846	150,318	195,174	63,982	102,076	20,522	20,732	184,910	171,080	182,948	3,402	65,597	95,154	45,761	43,828	200,468	2,163,374	7,144,292	
	2010/11	177,014	312,346	78,553	58,439	151,173	196,479	64,353	104,079	20,806	20,850	188,088	174,783	184,589	3,438	66,218	96,203	46,126	44,607	202,068	2,190,212	7,218,529	
	2011/12	180,254	318,038	78,748	60,661	152,639	198,465	64,639	106,395	20,870	21,003	191,401	179,268	187,103	3,515	66,869	97,047	46,487	45,362	203,181	2,221,945	7,307,183	
	2012/13	184,055	325,046	79,165	63,223	154,472	201,344	65,118	108,989	21,058	21,109	195,278	184,878	190,337	3,562	67,767	97,617	46,991	46,281	205,157	2,261,447	7,407,063	
	2013/14	188,545	332,221	79,653	67,144	156,476	202,982	65,479	110,946	21,298	21,236	199,706	190,101	194,015	3,585	68,719	98,956	47,557	47,050	206,666	2,302,336	7,513,418	
	2014/15	193,390	339,763	79,860	72,072	159,069	204,562	66,140	112,564	21,539	21,427	204,637	195,585	198,071	3,616	69,754	100,203	48,085	48,025	209,085	2,347,448	7,621,339	
	2015/16	197,761	347,139	80,272	77,504	161,998	207,022	67,582	113,520	21,871	21,674	210,114	200,574	202,076	3,631	70,734	101,662	48,845	49,109	211,214	2,394,304	7,726,924	
	2016/17	204,925	357,652	80,357	83,814	164,895	209,365	67,754	117,591	22,546	21,731	216,893	208,221	206,722	3,631	71,552	102,310	49,596	50,062	212,952	2,452,570	7,847,903	
Base Case forecast	2017/18	212,439	367,839	80,606	90,855	168,153	212,273	68,663	120,542	23,561	21,891	224,648	215,393	211,764	3,664	72,516	103,465	50,389	51,172	214,909	2,514,740	7,956,376	Base Case forecast
	2018/19	219,978	378,302	80,918	98,341	171,367	215,329	69,586	123,817	24,808	22,052	233,054	222,720	217,123	3,688	73,476	104,620	51,129	52,199	216,741	2,579,248	8,057,909	
	2019/20	226,014	385,931	80,929	104,413	173,705	216,667	70,137	126,101	25,477	22,073	239,127	229,650	220,677	3,699	74,206	105,181	51,473	52,738	217,852	2,626,052	8,175,821	
	2020/21	231,814	392,894	81,099	109,647	176,144	217,514	70,715	128,105	25,712	22,079	244,209	237,463	223,670	3,719	75,124	105,743	51,713	53,088	219,473	2,669,925	8,291,292	
	2021/22	237,824	399,806	81,253	115,051	178,645	218,277	71,269	129,808	25,929	22,071	249,244	244,623	226,482	3,735	75,984	106,234	51,920	53,543	220,945	2,712,642	8,403,455	
	2022/23	244,034	406,654	81,390	120,617	181,204	218,956	71,798	131,207	26,127	22,050	254,223	251,120	229,110	3,751	76,785	106,655	52,093	54,102	222,266	2,754,140	8,511,599	
	2023/24	250,545	413,608	81,544	126,390	183,897	219,644	72,332	132,358	26,319	22,025	259,253	257,059	231,648	3,770	77,559	107,050	52,255	54,786	223,532	2,795,575	8,615,782	
	2024/25	257,693	421,224	81,825	132,546	186,969	220,632	72,969	133,439	26,538	22,025	264,681	262,787	234,408	3,792	78,411	107,561	52,476	55,670	225,039	2,840,684	8,723,103	
	2025/26	265,119	428,900	82,112	138,903	190,153	221,599	73,602	134,255	26,746	22,019	270,133	267,934	237,051	3,813	79,226	108,031	52,678	56,673	226,460	2,885,410	8,828,179	
	2026/27	273,252	437,817	82,649	145,811	193,868	223,129	74,482	135,518	27,031	22,063	276,232	274,002	240,420	3,844	80,273	108,789	53,016	57,900	228,508	2,938,604	8,931,214	
	2027/28	280,614	445,596	82,982	152,485	197,059	224,003	75,204	136,487	27,244	22,038	281,476	279,504	243,205	3,865	81,114	109,237	53,200	59,035	229,936	2,984,286	9,032,640	
	2028/29	288,106	453,687	83,389	159,403	200,370	224,965	76,014	137,615	27,476	22,016	286,781	285,347	246,204	3,888	82,017	109,741	53,406	60,272	231,504	3,032,203	9,139,969	
Low Case forecast	2017/18	211,910	366,867	80,405	90,704	167,681	211,654	68,462	120,216	23,506	21,824	224,085	214,848	211,189	3,653	72,303	103,158	50,244	51,031	214,262	2,508,002	7,946,363	Low Case forecast
	2018/19	218,879	376,361	80,463	97,935	170,456	214,164	69,208	123,178	24,692	21,930	231,899	221,601	215,995	3,668	73,077	104,047	50,853	51,922	215,543	2,565,870	8,035,880	
	2019/20	224,121	382,684	80,240	103,555	172,238	214,829	69,543	125,039	25,263	21,885	237,122	227,730	218,816	3,667	73,578	104,288	51,036	52,292	216,003	2,603,930	8,140,375	
	2020/21	228,790	387,788	80,053	108,201	173,859	214,705	69,800	126,442	25,379	21,833	241,030	234,354	220,769	3,671	74,150	104,377	51,045	52,402	216,634	2,635,282	8,241,027	
	2021/22	233,520	392,679	79,847	112,884	175,481	214,489	70,021	127,513	25,475	21,730	244,776	240,163	222,483	3,671	74,645	104,387	51,018	52,605	217,087	2,664,473	8,336,969	
	2022/23	238,190	397,087	79,535	117,606	176,965	213,952	70,142	128,160	25,525	21,589	248,208	245,102	223,780	3,665	75,003	104,213	50,902	52,846	217,156	2,689,625	8,427,489	
	2023/24	243,133	401,495	79,195	122,571	178,524	213,308	70,236	128,516	25,556	21,431	251,638	249,478	224,908	3,661	75,305							



Table 5.4 Population by Endeavour Energy LGA, EE Total and NSW (growth rates - per cent)

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW
Historic	1997/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1998/99	2.9%	2.3%	0.6%	6.3%	0.2%	-0.2%	1.3%	0.4%	1.8%	1.2%	4.8%	0.7%	1.0%	1.2%	2.0%	2.1%	2.7%	1.9%	0.6%	1.6%	1.1%
	1999/00	4.5%	1.8%	0.4%	6.4%	0.1%	0.2%	1.2%	1.8%	2.4%	0.0%	4.9%	0.6%	1.2%	0.6%	2.1%	2.1%	2.9%	2.1%	0.5%	1.7%	1.1%
	2000/01	4.0%	2.0%	0.8%	6.0%	0.5%	0.4%	0.9%	1.8%	0.9%	1.1%	4.6%	1.6%	1.2%	0.1%	1.8%	1.8%	1.7%	2.3%	0.8%	1.8%	1.3%
	2001/02	3.3%	1.5%	0.2%	4.4%	-0.1%	-0.4%	0.2%	0.5%	0.2%	0.0%	2.5%	-0.1%	0.3%	0.0%	1.1%	1.4%	1.4%	0.9%	0.8%	1.0%	0.8%
	2002/03	3.0%	0.7%	0.0%	2.7%	-0.2%	-0.3%	0.0%	0.4%	0.0%	-0.1%	1.2%	0.4%	-0.1%	-0.6%	1.3%	0.9%	0.6%	1.8%	0.3%	0.6%	0.6%
	2003/04	2.4%	1.0%	-0.3%	1.0%	-0.8%	-0.5%	-0.8%	0.4%	-0.3%	-0.3%	1.1%	1.1%	-0.6%	-0.7%	0.9%	0.6%	0.2%	1.6%	0.1%	0.4%	0.5%
	2004/05	2.1%	1.4%	-0.6%	2.2%	-0.2%	0.1%	-0.5%	1.4%	-0.5%	-0.4%	1.1%	1.0%	0.1%	-0.3%	0.8%	0.9%	0.1%	1.5%	0.0%	0.7%	0.6%
	2005/06	1.7%	1.3%	-0.5%	1.3%	-0.5%	0.2%	0.0%	1.9%	-0.3%	-0.4%	1.4%	1.7%	0.2%	0.0%	0.6%	0.4%	0.3%	1.4%	0.1%	0.7%	0.7%
	2006/07	1.2%	2.2%	0.8%	3.1%	0.4%	0.9%	0.9%	2.8%	0.9%	0.5%	1.8%	2.7%	0.7%	1.1%	1.1%	1.1%	1.2%	1.5%	1.0%	1.4%	1.4%
	2007/08	2.1%	2.5%	1.2%	3.0%	0.8%	1.5%	1.3%	2.8%	0.6%	0.4%	2.6%	3.1%	1.5%	1.4%	1.7%	0.9%	1.1%	2.0%	1.4%	1.9%	1.6%
	2008/09	2.1%	2.6%	1.0%	3.1%	1.1%	1.5%	0.9%	2.1%	1.4%	1.3%	2.4%	3.0%	1.1%	1.3%	1.3%	1.5%	1.4%	1.8%	1.3%	1.8%	1.6%
	2009/10	1.5%	2.4%	0.5%	2.7%	0.2%	0.8%	0.6%	2.0%	1.5%	0.5%	1.8%	2.6%	0.6%	1.4%	1.3%	1.5%	1.3%	1.6%	1.3%	1.5%	1.3%
	2010/11	0.7%	1.9%	0.4%	2.8%	0.6%	0.7%	0.6%	2.0%	1.4%	0.6%	1.7%	2.2%	0.9%	1.1%	0.9%	1.1%	0.8%	1.8%	0.8%	1.2%	1.0%
	2011/12	1.8%	1.8%	0.2%	3.8%	1.0%	1.0%	0.4%	2.2%	0.3%	0.7%	1.8%	2.6%	1.4%	2.2%	1.0%	0.9%	0.8%	1.7%	0.6%	1.4%	1.2%
	2012/13	2.1%	2.2%	0.5%	4.2%	1.2%	1.5%	0.7%	2.4%	0.9%	0.5%	2.0%	3.1%	1.7%	1.3%	1.3%	0.6%	1.1%	2.0%	1.0%	1.8%	1.4%
	2013/14	2.4%	2.2%	0.6%	6.2%	1.3%	0.8%	0.6%	1.8%	1.1%	0.6%	2.3%	2.8%	1.9%	0.7%	1.4%	1.4%	1.2%	1.7%	0.7%	1.8%	1.4%
2014/15	2.6%	2.3%	0.3%	7.3%	1.7%	0.8%	1.0%	1.5%	1.1%	0.9%	2.5%	2.9%	2.1%	0.9%	1.5%	1.3%	1.1%	2.1%	1.2%	2.0%	1.4%	
2015/16	2.3%	2.2%	0.5%	7.5%	1.8%	1.2%	2.2%	0.8%	1.5%	1.2%	2.7%	2.6%	2.0%	0.4%	1.4%	1.5%	1.6%	2.3%	1.0%	2.0%	1.4%	
2016/17	3.6%	3.0%	0.1%	8.1%	1.8%	1.1%	0.3%	3.6%	3.1%	0.3%	3.2%	3.8%	2.3%	0.0%	1.2%	0.6%	1.5%	1.9%	0.8%	2.4%	1.6%	
Base Case forecast	2017/18	3.7%	2.8%	0.3%	8.4%	2.0%	1.4%	1.3%	2.5%	4.5%	0.7%	3.6%	3.4%	2.4%	0.9%	1.3%	1.1%	1.6%	2.2%	0.9%	2.5%	1.4%
	2018/19	3.5%	2.8%	0.4%	8.2%	1.9%	1.4%	1.3%	2.7%	5.3%	0.7%	3.7%	3.4%	2.5%	0.7%	1.3%	1.1%	1.5%	2.0%	0.9%	2.6%	1.3%
	2019/20	2.7%	2.0%	0.0%	6.2%	1.4%	0.6%	0.8%	1.8%	2.7%	0.1%	2.6%	3.1%	1.6%	0.3%	1.0%	0.5%	0.7%	1.0%	0.5%	1.8%	1.5%
	2020/21	2.6%	1.8%	0.2%	5.0%	1.4%	0.4%	0.8%	1.6%	0.9%	0.0%	2.1%	3.4%	1.4%	0.5%	1.2%	0.5%	0.5%	0.7%	0.7%	1.7%	1.4%
	2021/22	2.6%	1.8%	0.2%	4.9%	1.4%	0.4%	0.8%	1.3%	0.8%	0.0%	2.1%	3.0%	1.3%	0.5%	1.1%	0.5%	0.4%	0.9%	0.7%	1.6%	1.4%
	2022/23	2.6%	1.7%	0.2%	4.8%	1.4%	0.3%	0.7%	1.1%	0.8%	-0.1%	2.0%	2.7%	1.2%	0.4%	1.1%	0.4%	0.3%	1.0%	0.6%	1.5%	1.3%
	2023/24	2.7%	1.7%	0.2%	4.8%	1.5%	0.3%	0.7%	0.9%	0.7%	-0.1%	2.0%	2.4%	1.1%	0.5%	1.0%	0.4%	0.3%	1.3%	0.6%	1.5%	1.2%
	2024/25	2.9%	1.8%	0.3%	4.9%	1.7%	0.4%	0.9%	0.8%	0.8%	0.0%	2.1%	2.2%	1.2%	0.6%	1.1%	0.5%	0.4%	1.6%	0.7%	1.6%	1.2%
	2025/26	2.9%	1.8%	0.4%	4.8%	1.7%	0.4%	0.9%	0.6%	0.8%	0.0%	2.1%	2.0%	1.1%	0.6%	1.0%	0.4%	0.4%	1.8%	0.6%	1.6%	1.2%
	2026/27	3.1%	2.1%	0.7%	5.0%	2.0%	0.7%	1.2%	0.9%	1.1%	0.2%	2.3%	2.3%	1.4%	0.8%	1.3%	0.7%	0.6%	2.2%	0.9%	1.8%	1.2%
2027/28	2.7%	1.8%	0.4%	4.6%	1.6%	0.4%	1.0%	0.7%	0.8%	-0.1%	1.9%	2.0%	1.2%	0.5%	1.0%	0.4%	0.3%	2.0%	0.6%	1.6%	1.1%	
2028/29	2.7%	1.8%	0.5%	4.5%	1.7%	0.4%	1.1%	0.8%	0.9%	-0.1%	1.9%	2.1%	1.2%	0.6%	1.1%	0.5%	0.4%	2.1%	0.7%	1.6%	1.2%	
Low Case forecast	2017/18	3.4%	2.6%	0.1%	8.2%	1.7%	1.1%	1.0%	2.2%	4.3%	0.4%	3.3%	3.2%	2.2%	0.6%	1.0%	0.8%	1.3%	1.9%	0.6%	2.3%	1.3%
	2018/19	3.3%	2.6%	0.1%	8.0%	1.7%	1.2%	1.1%	2.5%	5.0%	0.5%	3.5%	3.1%	2.3%	0.4%	1.1%	0.9%	1.2%	1.7%	0.6%	2.3%	1.1%
	2019/20	2.4%	1.7%	-0.3%	5.7%	1.0%	0.3%	0.5%	1.5%	2.3%	-0.2%	2.3%	2.8%	1.3%	0.0%	0.7%	0.2%	0.4%	0.7%	0.2%	1.5%	1.3%
	2020/21	2.1%	1.3%	-0.2%	4.5%	0.9%	-0.1%	0.4%	1.1%	0.5%	-0.2%	1.6%	2.9%	0.9%	0.1%	0.8%	0.1%	0.0%	0.2%	0.3%	1.2%	1.2%
	2021/22	2.1%	1.3%	-0.3%	4.3%	0.9%	-0.1%	0.3%	0.8%	0.4%	-0.5%	1.6%	2.5%	0.8%	0.0%	0.7%	0.0%	-0.1%	0.4%	0.2%	1.1%	1.2%
	2022/23	2.0%	1.1%	-0.4%	4.2%	0.8%	-0.3%	0.2%	0.5%	0.2%	-0.6%	1.4%	2.1%	0.6%	-0.1%	0.5%	-0.2%	-0.2%	0.5%	0.0%	0.9%	1.1%
	2023/24	2.1%	1.1%	-0.4%	4.2%	0.9%	-0.3%	0.1%	0.3%	0.1%	-0.7%	1.4%	1.8%	0.5%	-0.1%	0.4%	-0.2%	-0.3%	0.6%	0.0%	0.9%	1.0%
	2024/25	2.3%	1.3%	-0.2%	4.4%	1.1%	-0.1%	0.4%	0.3%	0.3%	-0.5%	1.6%	1.7%	0.7%	0.1%	0.6%	0.0%	-0.1%	1.1%	0.1%	1.1%	1.0%
	2025/26	2.3%	1.3%	-0.2%	4.2%	1.2%	-0.1%	0.3%	0.1%	0.3%	-0.6%	1.5%	1.4%	0.6%	0.0%	0.5%	-0.1%	-0.1%	1.3%	0.1%	1.0%	1.0%
High Case forecast	2026/27	2.6%	1.6%	0.1%	4.5%	1.4%	0.2%	0.7%	0.4%	0.5%	-0.3%	1.8%	1.8%	0.9%	0.3%	0.8%	0.2%	0.1%	1.7%	0.4%	1.3%	0.9%
	2027/28	2.2%	1.3%	0.0%	4.0%	1.2%	-0.1%	0.5%	0.3%	0.3%	-0.6%	1.4%	1.5%	0.7%	0.1%	0.6%	0.0%	-0.1%	1.5%	0.2%	1.1%	0.9%
	2028/29	2.2%	1.3%	0.0%	4.0%	1.2%	0.0%	0.6%	0.4%	0.4%	-0.6%	1.4%	1.6%	0.8%	0.1%	0.6%	0.0%	-0.1%	1.6%	0.2%	1.1%	0.9%
	2017/18	4.1%	3.1%	0.3%	9.4%	2.2%	1.5%	1.4%	2.8%	5.0%	0.8%	4.0%	3.8%	2.7%	0.9%	1.4%	1.2%	1.7%	2.4%	1.0%	2.8%	1.5%
	2018/19	3.9%	3.2%	0.6%	8.8%	2.2%	1.7%	1.6%	3.1%	5.8%	1.0%	4.1%	3.8%	2.9%	0.9%	1.6%	1.4%	1.7%	2.3%	1.1%	2.9%	1.4%
	2019/20	3.3%	2.4%	0.2%	7.0%	1.7%	0.8%	1.1%	2.2%	3.0%	0.3%	3.1%	3.8%	2.0%	0.5%	1.3%	0.8%	0.9%	1.3%	0.8%	2.2%	1.6%
	2020/21	3.2%	2.4%	0.8%	5.5%	2.0%	0.9%	1.4%	2.1%	1.0%	0.6%	2.6%	4.2%	1.9%	1.2%	1.9%	1.1%	0.9%	1.1%	1.4%	2.2%	1.6%
	2021/22	3.3%	2.4%	0.7%	5.8%	2.0%	0.8%	1.3%	1.8%	1.4%	0.4%	2.7%	3.6%	1.8%	0.9%	1.7%	1.0%	0.9%	1.5%	1.2%	2.2%	1.6%
	2022/23	3.4%	2.4%	0.8%	5.7%	2.2%	1.0%	1.4%	1.7%	1.4%	0.5%	2.7%	3.3%	1.8%	1.1%	1.7%	1.0%	1.0%	1.8%	1.2%	2.2%	1.5%
	2023/24	3.4%	2.4%	1.0%	5.4%	2.2%	1.1%	1.5%	1.5%	1.5%	0.7%	2.7%	2.9%	1.8%	1.3%	1.7%	1.1%	1.1%	2.1%	1.3%	2.2%	1.5%
	2024/25	3.5%	2.5%	1.0%	5.4%	2.3%	1.1%	1.5%	1.4%	1.5%	0.6%	2.7%	2.7%	1.8%	1.2%	1.7%	1.1%	1.1%	2.3%	1.3%	2.2%	1.5%
	2025/26	3.5%	2.4%	1.0%	5.4%	2.3%	1.1%	1.5%	1.1%	1.4%	0.6%	2.7%	2.5%	1.7%	1.2%	1.6%	1.0%	1.0%	2.5%	1.2%	2.2%	1.5%
	2026/27	3.5%	2.7%	1.3%	5.3%	2.5%	1.4%	1.9%	1.6%	1.7%	0.9%	2.8%	2.8%	2.1%	1.5%	2.0%	1.4%	1.3%	2.8%	1.6%	2.4%	1.4%
2027/28	3.3%	2.3%	0.9%	5.3%	2.2%	0.9%	1.5%	1.2%	1.3%	0.3%	2.4%	2.6%	1.7%	1.0%	1.6%	0.9%	0.8%	2.6%	1.1%	2.1%	1.4%	
2028/29	3.2%	2.4%	1.0%	5.1%	2.2%	1.0%	1.6%	1.4%	1.4%	0.4%	2.4%	2.7%	1.8%	1.1%	1.7%	1.0%	0.9%	2.7%	1.2%	2.1%	1.5%	

Table 5.5 Employment by Endeavour Energy LGA, EE Total and NSW (number)

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW	
Historic	1997/98	71,907	105,135	33,285	16,976	58,797	63,754	28,906	40,553	7,452	8,396	58,291	69,091	86,722	1,129	20,655	27,939	17,205	15,502	69,788	801,480	2,814,958	Historic
	1998/99	73,648	108,694	33,580	18,248	60,475	64,461	29,699	41,015	7,709	8,311	60,198	68,735	87,107	1,152	21,474	28,220	17,399	16,092	71,754	817,970	2,867,833	
	1999/00	76,511	114,461	35,717	21,159	65,441	66,943	31,046	41,357	8,206	8,226	64,297	68,380	85,960	1,154	23,177	29,407	18,075	17,664	76,136	853,317	2,950,567	
	2000/01	79,483	118,468	37,257	22,922	67,551	70,209	31,883	41,247	8,606	8,143	69,036	68,027	85,515	1,152	24,581	30,983	18,929	18,413	79,667	882,073	3,013,200	
	2001/02	82,160	119,763	37,089	23,645	67,670	71,201	31,979	41,238	8,852	8,054	71,070	68,473	89,002	1,144	25,359	31,197	18,982	18,616	81,247	896,740	3,039,942	
	2002/03	84,615	122,431	37,518	24,461	68,060	71,302	32,059	41,745	8,907	8,030	73,871	69,562	89,808	1,141	25,721	33,710	20,164	19,039	82,395	914,540	3,097,642	
	2003/04	86,196	124,011	37,303	25,293	68,453	72,457	32,140	41,927	8,210	8,120	76,051	70,054	89,414	1,152	24,841	34,535	20,300	19,407	83,558	923,421	3,123,167	
	2004/05	86,839	125,585	36,868	25,725	68,847	72,996	32,221	41,915	8,743	8,220	76,131	70,325	89,082	1,165	26,445	34,572	20,168	19,870	84,737	930,455	3,157,808	
	2005/06	88,490	127,930	37,271	26,275	69,244	72,788	32,302	42,438	9,104	8,373	76,711	71,654	89,688	1,191	27,283	35,216	20,473	20,479	85,934	942,845	3,216,458	
	2006/07	90,660	131,257	37,821	27,209	70,088	73,620	32,535	43,496	9,457	8,458	77,806	73,809	90,777	1,204	28,193	34,736	20,291	21,180	87,672	960,269	3,277,508	
	2007/08	92,431	137,060	38,550	28,736	71,839	76,391	33,390	45,307	9,748	8,826	82,152	77,313	93,210	1,235	29,268	35,402	20,500	22,065	90,654	994,079	3,372,742	
	2008/09	92,300	140,831	38,785	28,899	71,116	76,401	33,730	46,026	9,880	8,992	83,169	78,967	94,561	1,251	29,804	35,948	20,642	21,981	91,696	1,004,978	3,392,567	
	2009/10	93,246	143,530	38,944	29,708	70,985	75,810	34,008	46,107	9,775	9,069	83,030	79,749	95,377	1,274	29,275	36,542	20,762	22,282	90,137	1,009,609	3,414,942	
	2010/11	95,081	147,047	39,312	30,829	72,139	76,790	34,368	47,411	10,040	9,198	83,956	82,865	96,222	1,319	29,777	37,522	21,071	22,968	91,840	1,029,754	3,498,633	
	2011/12	95,245	148,172	38,676	31,751	71,938	76,867	34,102	48,348	10,041	8,773	85,239	84,736	95,674	1,311	30,028	37,297	20,876	23,184	91,978	1,034,237	3,521,825	
	2012/13	97,090	151,410	38,878	32,853	71,986	77,994	34,467	49,329	10,220	8,793	87,622	86,712	97,514	1,333	30,769	37,247	20,909	23,549	93,766	1,052,441	3,580,942	
	2013/14	99,115	153,293	38,825	34,236	72,038	77,487	34,701	49,688	10,315	8,842	88,618	88,001	98,647	1,349	31,194	37,713	21,203	23,979	94,456	1,063,702	3,583,004	
	2014/15	100,183	157,406	38,936	36,576	73,487	76,655	34,725	50,863	10,440	8,770	89,145	91,002	100,489	1,336	31,765	37,495	21,044	24,686	95,689	1,080,690	3,627,875	
	2015/16	103,234	163,447	39,140	39,353	75,209	80,091	35,260	52,808	10,886	9,084	94,539	95,145	102,477	1,374	33,446	39,049	21,946	25,345	100,316	1,122,150	3,759,926	
	2016/17	106,770	165,705	38,499	40,819	75,040	82,118	35,720	53,663	11,060	9,004	98,465	96,906	101,923	1,362	33,977	37,509	21,204	25,336	101,564	1,136,643	3,796,232	
Base Case forecast	2017/18	109,307	169,097	37,858	44,389	75,783	83,029	36,102	54,693	11,437	8,952	101,172	99,513	103,582	1,366	34,211	37,766	21,384	25,599	103,172	1,158,413	3,850,626	Base Case forecast
	2018/19	111,947	172,697	38,186	47,514	76,647	84,164	36,124	56,013	12,035	9,088	104,319	101,974	105,453	1,388	34,450	38,037	21,560	25,848	103,145	1,180,588	3,902,986	
	2019/20	114,201	176,265	38,357	50,793	78,033	85,025	36,352	56,538	12,333	9,039	108,220	104,305	106,460	1,388	34,700	38,181	21,659	25,960	103,382	1,201,192	3,962,737	
	2020/21	116,434	179,270	38,153	52,475	78,907	85,531	36,390	57,197	12,257	8,964	110,819	107,654	106,965	1,398	35,080	38,412	21,628	25,925	103,849	1,217,307	4,009,671	
	2021/22	118,596	182,614	37,618	54,294	79,684	85,378	36,268	57,375	12,148	8,791	113,991	109,649	106,847	1,403	35,117	38,446	21,515	26,033	103,427	1,229,195	4,042,820	
	2022/23	121,015	186,288	37,600	56,168	80,776	85,684	36,211	57,630	12,090	8,686	117,399	111,462	106,954	1,386	35,263	38,607	21,483	26,152	103,557	1,244,410	4,086,885	
	2023/24	123,702	190,280	37,905	58,186	82,200	86,773	36,399	58,199	12,168	8,708	120,635	113,413	107,811	1,387	35,665	38,924	21,636	26,524	104,315	1,264,830	4,142,472	
	2024/25	126,522	194,345	37,966	62,004	83,491	87,711	36,598	58,825	12,243	8,687	123,155	115,466	108,745	1,414	36,077	39,209	21,756	26,934	105,099	1,286,248	4,197,363	
	2025/26	130,020	198,455	38,052	64,572	84,929	88,498	36,522	59,470	12,232	8,649	125,709	117,574	109,788	1,437	36,301	39,420	21,836	27,269	105,625	1,306,359	4,247,468	
	2026/27	133,101	203,293	38,651	67,278	86,652	89,511	36,740	60,276	12,273	8,616	128,650	119,946	110,897	1,429	36,616	39,796	22,002	27,716	106,465	1,329,907	4,295,309	
2027/28	136,199	207,812	38,892	71,181	88,176	89,993	36,772	60,843	12,289	8,519	131,417	122,102	111,606	1,400	36,810	39,813	21,998	28,147	106,858	1,350,828	4,344,882		
2028/29	139,276	212,516	38,354	74,327	89,763	91,009	36,863	61,566	12,343	8,467	134,154	124,416	112,630	1,449	37,045	39,978	22,044	28,583	107,325	1,372,108	4,395,199		
Low Case forecast	2017/18	108,088	168,387	37,284	44,040	75,413	80,704	34,678	53,717	11,050	8,857	98,797	98,279	102,915	1,360	33,309	37,756	21,363	25,622	97,160	1,138,779	3,826,745	Low Case forecast
	2018/19	109,417	170,151	36,327	46,382	75,410	80,701	34,251	54,452	11,261	8,744	100,743	99,640	103,417	1,349	33,189	37,688	21,308	25,725	96,077	1,146,231	3,847,532	
	2019/20	109,380	169,889	35,390	48,788	74,456	79,638	33,585	54,262	11,261	8,542	101,404	100,558	102,416	1,322	32,868	37,498	20,917	25,160	94,349	1,141,684	3,838,480	
	2020/21	112,069	174,116	35,425	49,568	75,684	80,611	33,864	55,221	11,254	8,532	104,752	104,434	103,340	1,341	33,456	37,376	20,998	25,177	95,439	1,162,658	3,910,516	
	2021/22	114,000	177,223	34,965	50,701	76,307	80,643	33,806	55,502	11,182	8,409	107,568	106,508	103,353	1,354	33,611	37,261	20,921	25,228	95,403	1,173,946	3,941,342	
	2022/23	116,067	180,050	35,066	52,189	77,125	81,170	33,758	55,869	11,182	8,375	110,037	108,454	103,695	1,343	33,867	37,513	20,906	25,232	95,847	1,187,745	3,983,113	
	2023/24	116,315	179,922	34,785	52,758	76,874	80,983	33,357	55,534	11,113	8,308	110,273	108,637	102,991	1,333	33,757	37,193	20,709	25,072	95,089	1,185,003	3,967,170	
	2024/25	118,232	181,969	34,607	56,148	77,480	81,423	33,194	55,841	11,096	8,254	111,815	110,082	103,233	1,352	33,940	37,709	20,686	25,223	95,295	1,197,580	3,998,	



Table 5.6 Employment by Endeavour Energy LGA, EE Total and NSW (growth rates - per cent)

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW
Historic	1997/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1998/99	2.4%	3.4%	0.9%	7.5%	2.9%	1.1%	2.7%	1.1%	3.5%	-1.0%	3.3%	-0.5%	0.4%	2.0%	4.0%	1.0%	1.1%	3.8%	2.8%	2.1%	1.9%
	1999/00	3.9%	5.3%	6.4%	16.0%	8.2%	3.9%	4.5%	0.8%	6.4%	-1.0%	6.8%	-0.5%	-1.3%	0.2%	7.9%	4.2%	3.9%	9.8%	6.1%	4.3%	2.9%
	2000/01	3.9%	3.5%	4.3%	8.3%	3.2%	4.9%	2.7%	-0.3%	4.9%	-1.0%	7.4%	-0.5%	-0.5%	-0.2%	6.1%	5.4%	4.7%	4.2%	4.6%	3.4%	2.1%
	2001/02	3.4%	1.1%	-0.5%	3.2%	0.2%	1.4%	0.3%	0.0%	2.9%	-1.1%	2.9%	0.7%	4.1%	-0.7%	3.2%	0.7%	0.3%	1.1%	2.0%	1.7%	0.9%
	2002/03	3.0%	2.2%	1.2%	3.5%	0.6%	0.1%	0.3%	1.2%	0.6%	-0.3%	3.9%	1.6%	0.9%	-0.3%	1.4%	8.1%	6.2%	2.3%	1.4%	2.0%	1.9%
	2003/04	1.9%	1.3%	-0.6%	3.4%	0.6%	1.6%	0.3%	0.4%	-7.8%	1.1%	3.0%	0.7%	-0.4%	1.0%	-3.4%	2.4%	0.7%	1.9%	1.4%	1.0%	0.8%
	2004/05	0.7%	1.3%	-1.2%	1.7%	0.6%	0.7%	0.3%	0.0%	6.5%	1.2%	0.1%	0.4%	-0.4%	1.1%	6.5%	0.1%	-0.7%	2.4%	1.4%	0.8%	1.1%
	2005/06	1.9%	1.9%	1.1%	2.1%	0.6%	-0.3%	0.3%	1.2%	4.1%	1.9%	0.8%	1.9%	0.7%	2.2%	3.2%	1.9%	1.5%	3.1%	1.4%	1.3%	1.9%
	2006/07	2.5%	2.6%	1.5%	3.6%	1.2%	1.1%	0.7%	2.5%	3.9%	1.0%	1.4%	3.0%	1.2%	1.1%	3.3%	-1.4%	-0.9%	3.4%	2.0%	1.8%	1.9%
	2007/08	2.0%	4.4%	1.9%	5.6%	2.5%	3.8%	2.6%	4.2%	3.1%	4.3%	5.6%	4.7%	2.7%	2.6%	3.8%	1.9%	1.0%	4.2%	3.4%	3.5%	2.9%
	2008/09	-0.1%	2.8%	0.6%	0.6%	-1.0%	0.0%	1.0%	1.6%	1.3%	1.9%	1.2%	2.1%	1.4%	1.3%	1.8%	1.5%	0.7%	-0.4%	1.1%	1.1%	0.6%
	2009/10	1.0%	1.9%	0.4%	2.8%	-0.2%	-0.8%	0.8%	0.2%	-1.1%	0.9%	-0.2%	1.0%	0.9%	1.8%	-1.8%	1.7%	0.6%	1.4%	-1.7%	0.5%	0.7%
	2010/11	2.0%	2.5%	0.9%	3.8%	1.6%	1.3%	1.1%	2.8%	2.7%	1.4%	1.1%	3.9%	0.9%	3.6%	1.7%	2.7%	1.5%	3.1%	1.9%	2.0%	2.5%
	2011/12	0.2%	0.8%	-1.6%	3.0%	-0.3%	0.1%	-0.8%	2.0%	0.0%	-4.6%	1.5%	2.3%	-0.6%	-0.6%	0.8%	-0.6%	-0.9%	0.9%	0.1%	0.4%	0.7%
	2012/13	1.9%	2.2%	0.5%	3.5%	0.1%	1.5%	1.1%	2.0%	1.8%	0.2%	2.8%	2.3%	1.9%	1.7%	2.5%	-0.1%	0.2%	1.6%	1.9%	1.8%	1.7%
	2013/14	2.1%	1.2%	-0.1%	4.2%	0.1%	-0.6%	0.7%	0.7%	0.9%	0.6%	1.1%	1.5%	1.2%	1.2%	1.4%	1.3%	1.4%	1.8%	0.7%	1.1%	0.1%
	2014/15	1.1%	2.7%	0.3%	6.8%	2.0%	-1.1%	0.1%	2.4%	1.2%	-0.8%	0.6%	3.4%	1.9%	-0.9%	1.8%	-0.6%	-0.8%	2.9%	1.3%	1.6%	1.3%
2015/16	3.0%	3.8%	0.5%	7.6%	2.3%	4.5%	1.5%	3.8%	4.3%	3.6%	6.1%	4.6%	2.0%	2.9%	5.3%	4.1%	4.3%	2.7%	4.8%	3.8%	3.6%	
2016/17	3.4%	1.4%	-1.6%	3.7%	-0.2%	2.5%	1.3%	1.6%	1.6%	-0.9%	4.2%	1.8%	-0.5%	-0.9%	1.6%	-3.9%	-3.4%	0.0%	1.2%	1.3%	1.0%	
Base Case forecast	2017/18	2.4%	2.0%	-1.7%	8.7%	1.0%	1.1%	1.1%	1.9%	3.4%	-0.6%	2.7%	2.7%	1.6%	0.3%	0.7%	0.7%	0.8%	1.0%	1.6%	1.9%	1.4%
	2018/19	2.4%	2.1%	0.9%	7.0%	1.1%	1.4%	0.1%	2.4%	5.2%	1.5%	3.1%	2.5%	1.8%	1.6%	0.7%	0.7%	0.8%	1.0%	0.0%	1.9%	1.4%
	2019/20	2.0%	2.1%	0.4%	6.9%	1.8%	1.0%	0.6%	0.9%	2.5%	-0.5%	3.7%	2.3%	1.0%	0.0%	0.7%	0.4%	0.5%	0.4%	0.2%	1.7%	1.5%
	2020/21	2.0%	1.7%	-0.5%	3.3%	1.1%	0.6%	0.1%	1.2%	-0.6%	-0.8%	2.4%	3.2%	0.5%	0.8%	1.1%	0.6%	-0.1%	-0.1%	0.5%	1.3%	1.2%
	2021/22	1.9%	1.9%	-1.4%	3.5%	1.0%	-0.2%	-0.3%	0.3%	-0.9%	-1.9%	2.9%	1.9%	-0.1%	0.3%	0.1%	0.1%	-0.5%	0.4%	-0.4%	1.0%	0.8%
	2022/23	2.0%	2.0%	0.0%	3.5%	1.4%	0.4%	-0.2%	0.4%	-0.5%	-1.2%	3.0%	1.7%	0.1%	-1.2%	0.4%	0.4%	-0.1%	0.5%	0.1%	1.2%	1.1%
	2023/24	2.2%	2.1%	0.8%	3.6%	1.8%	1.3%	0.5%	1.0%	0.6%	0.3%	2.8%	1.8%	0.8%	0.1%	1.1%	0.8%	0.7%	1.4%	0.7%	1.6%	1.4%
	2024/25	2.3%	2.1%	0.2%	6.6%	1.6%	1.1%	0.5%	1.1%	0.6%	-0.2%	2.1%	1.8%	0.9%	2.0%	1.2%	0.7%	0.6%	1.5%	0.8%	1.7%	1.3%
	2025/26	2.8%	2.1%	0.2%	4.1%	1.7%	0.9%	-0.2%	1.1%	-0.1%	-0.4%	2.1%	1.8%	1.0%	1.6%	0.6%	0.5%	0.4%	1.2%	0.5%	1.6%	1.2%
	2026/27	2.4%	2.4%	1.6%	4.2%	2.0%	1.1%	0.6%	1.4%	0.3%	-0.4%	2.3%	2.0%	1.0%	-0.6%	0.9%	1.0%	0.8%	1.6%	0.8%	1.8%	1.1%
	2027/28	2.3%	2.2%	0.6%	5.8%	1.8%	0.5%	0.1%	0.9%	0.1%	-1.1%	2.2%	1.8%	0.6%	-2.0%	0.5%	0.0%	0.0%	1.6%	0.4%	1.6%	1.2%
	2028/29	2.3%	2.3%	-1.4%	4.4%	1.8%	1.1%	0.2%	1.2%	0.4%	-0.6%	2.1%	1.9%	0.9%	3.5%	0.6%	0.4%	0.2%	1.5%	0.4%	1.6%	1.2%
Low Case forecast	2017/18	1.2%	1.6%	-3.2%	7.9%	0.5%	-1.7%	-2.9%	0.1%	-0.1%	-1.6%	0.3%	1.4%	1.0%	-0.1%	-2.0%	0.7%	0.7%	1.1%	-4.3%	0.2%	0.8%
	2018/19	1.2%	1.0%	-2.6%	5.3%	0.0%	0.0%	-1.2%	1.4%	1.9%	-1.3%	2.0%	1.4%	0.5%	-0.8%	-0.4%	-0.2%	-0.3%	0.4%	-1.1%	0.7%	0.5%
	2019/20	0.0%	-0.2%	-2.6%	5.2%	-1.3%	-1.3%	-1.9%	-0.4%	0.0%	-2.3%	0.7%	0.9%	-1.0%	-2.0%	-1.0%	-0.5%	-1.8%	-2.2%	-1.8%	-0.4%	-0.2%
	2020/21	2.5%	2.5%	0.1%	1.6%	1.6%	1.2%	0.8%	1.8%	-0.1%	-0.1%	3.3%	3.9%	0.9%	1.4%	1.8%	-0.3%	0.4%	0.1%	1.2%	1.8%	1.9%
	2021/22	1.7%	1.8%	-1.3%	2.3%	0.8%	0.0%	-0.2%	0.5%	-0.6%	-1.4%	2.7%	2.0%	0.0%	0.9%	0.5%	-0.3%	-0.4%	0.2%	0.0%	1.0%	0.8%
	2022/23	1.8%	1.6%	0.3%	2.9%	1.1%	0.7%	-0.1%	0.7%	0.0%	-0.4%	2.3%	1.8%	0.3%	-0.8%	0.8%	0.7%	-0.1%	0.0%	0.5%	1.2%	1.1%
	2023/24	0.2%	-0.1%	-0.8%	1.1%	-0.3%	-0.2%	-1.2%	-0.6%	-0.6%	-0.8%	0.2%	0.2%	-0.7%	-0.7%	-0.3%	-0.9%	-0.9%	-0.6%	-0.8%	-0.2%	-0.4%
	2024/25	1.6%	1.1%	-0.5%	6.4%	0.8%	0.5%	-0.5%	0.6%	-0.2%	-0.7%	1.4%	1.3%	0.2%	1.4%	0.5%	1.4%	-0.1%	0.6%	0.2%	1.1%	0.8%
	2025/26	1.3%	0.5%	-1.0%	1.5%	0.1%	-0.2%	-1.6%	0.0%	-1.3%	-1.2%	0.4%	0.7%	-0.3%	0.6%	-0.5%	-1.3%	-0.9%	-0.5%	-0.6%	0.1%	-0.1%
	2026/27	2.2%	2.2%	1.7%	2.5%	1.8%	1.3%	0.6%	1.6%	0.5%	0.3%	2.0%	2.1%	1.2%	-0.1%	1.2%	0.1%	0.9%	1.3%	1.1%	1.7%	1.2%
	2027/28	2.1%	1.9%	0.7%	5.4%	1.4%	0.6%	-0.1%	1.1%	0.2%	-0.7%	1.8%	1.9%	0.7%	-1.7%	0.7%	0.5%	0.0%	1.1%	0.5%	1.4%	1.2%
	2028/29	1.2%	1.0%	-2.1%	2.3%	0.6%	0.4%	-0.8%	0.5%	-0.3%	-0.8%	0.8%	1.2%	0.2%	3.2%	0.1%	-0.8%	-0.5%	0.3%	-0.2%	0.6%	0.4%
High Case forecast	2017/18	6.1%	5.5%	2.2%	10.7%	3.7%	4.2%	2.1%	4.9%	7.2%	3.0%	5.4%	5.1%	4.8%	4.2%	4.0%	3.9%	4.2%	4.3%	2.7%	4.8%	2.3%
	2018/19	5.3%	5.1%	2.4%	10.6%	4.1%	4.2%	3.2%	5.3%	6.7%	3.1%	6.0%	5.3%	4.9%	3.2%	3.9%	4.2%	4.0%	4.2%	3.0%	4.8%	2.3%
	2019/20	4.9%	4.9%	2.1%	11.6%	3.8%	3.2%	2.9%	4.3%	4.6%	1.8%	5.8%	5.6%	3.8%	2.4%	3.7%	3.8%	3.0%	3.3%	2.6%	4.5%	2.8%
	2020/21	0.6%	0.5%	-1.6%	1.1%	-0.1%	-0.7%	-1.0%	-0.2%	-1.8%	-2.0%	1.2%	1.8%	-0.9%	-0.5%	-0.1%	-0.6%	-1.4%	-1.4%	-0.8%	0.0%	1.4%
	2021/22	-0.3%	-0.3%	-3.1%	-0.1%	-1.1%	-1.9%	-2.2%	-1.5%	-2.6%	-3.5%	0.6%	0.0%	-2.0%	-1.3%	-1.6%	-1.9%	-2.4%	-1.6%	-2.2%	-1.1%	-0.1%
	2022/23	2.2%	2.0%	1.2%	2.4%	1.6%	1.2%	0.3%	1.1%	0.7%	0.1%	2.9%	2.3%	0.9%	-0.7%	1.2%	0.7%	0.4%	0.8%	0.8%	1.6%	0.9%
	2023/24	5.7%	5.3%	4.8%	5.7%	5.3%	5.2%	4.2%	4.8%	4.9%	4.3%	5.6%	5.6%	4.8%	4.7%	5.0%	4.4%	4.5%	5.3%	4.4%	5.2%	3.1%
	2024/25	3.0%	2.6%	0.9%	5.3%	2.4%	1.7%	1.0%	1.7%	1.0%	0.2%	3.0%	2.4%	1.5%	2.4%	1.7%	1.6%	1.2%	2.6%	1.3%	2.2%	2.2%
	2025/26	2.5%	2.1%	-0.5%	6.9%	1.7%	0.4%	-0.4%	0.9%	-0.8%	-1.4%	2.2%	1.5%	0.5%	1.7%	0.2%	0.7%	0.1%	1.5%	0.2%	1.5%	1.5%
	2026/27	3.1%	2.7%	3.0%	3.0%	2.7%	2.3%	1.3%	2.3%	1.6%	1.0%	2.6%	3.0%	2.1%	0.3%	2.1%	1.9%	1.8%	2.7%	1.8%	2.5%	1.5%
	2027/28	4.1%	3.6%	2.7%	5.7%	3.4%	2.7%	1.9%	2.9%	2.4%	1.3%	3.5%	3.8%	2.8%	0.7%	2.8%	2.0%	2.0%	3.6%	2.4%	3.3%	2.0%
	2028/29	2.4%	2.2%	-0.8%	3.2%	1.9%	2.1%	0.4%	1.6%	1.4%	1.4%	2.0%	2.4%	1.8%	8.0%	1.7%	0.7%	0.8%	1.7%	0.8%	1.8%	1.6%

**Table 5.7 Average weekly earnings by Endeavour Energy LGA, EE weighted average and NSW weighted average (2014-15 dollars)**

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE weighted average	NSW weighted average	
Historic	1997/98	1,517	1,231	1,415	1,503	1,165	1,131	1,269	1,149	1,281	1,111	1,272	1,196	1,222	1,027	1,250	1,138	1,215	1,322	1,266	1,254	1,200	Historic
	1998/99	1,540	1,239	1,515	1,518	1,165	1,151	1,271	1,148	1,289	1,157	1,292	1,195	1,224	1,016	1,224	1,175	1,253	1,329	1,266	1,268	1,307	
	1999/00	1,527	1,225	1,513	1,416	1,112	1,154	1,246	1,156	1,254	1,186	1,267	1,196	1,240	1,032	1,175	1,180	1,262	1,254	1,235	1,253	1,335	
	2000/01	1,456	1,202	1,496	1,370	1,083	1,095	1,217	1,126	1,230	1,231	1,183	1,165	1,206	1,069	1,140	1,128	1,209	1,235	1,215	1,215	1,347	
	2001/02	1,448	1,211	1,521	1,381	1,088	1,081	1,225	1,116	1,219	1,267	1,175	1,141	1,156	1,097	1,152	1,152	1,248	1,267	1,221	1,213	1,327	
	2002/03	1,449	1,187	1,459	1,352	1,089	1,086	1,228	1,132	1,250	1,276	1,129	1,163	1,161	1,082	1,168	1,089	1,201	1,286	1,230	1,205	1,335	
	2003/04	1,506	1,232	1,476	1,378	1,132	1,108	1,282	1,193	1,420	1,320	1,156	1,242	1,213	1,141	1,275	1,120	1,265	1,346	1,273	1,253	1,328	
	2004/05	1,613	1,290	1,506	1,446	1,186	1,147	1,347	1,264	1,433	1,407	1,240	1,324	1,272	1,252	1,289	1,222	1,334	1,403	1,340	1,319	1,389	
	2005/06	1,605	1,290	1,442	1,445	1,195	1,156	1,354	1,276	1,402	1,393	1,263	1,346	1,277	1,265	1,284	1,203	1,348	1,394	1,347	1,322	1,458	
	2006/07	1,601	1,308	1,399	1,449	1,210	1,172	1,337	1,294	1,376	1,391	1,295	1,374	1,303	1,259	1,315	1,229	1,364	1,380	1,397	1,339	1,454	
	2007/08	1,676	1,350	1,438	1,470	1,243	1,183	1,355	1,331	1,411	1,391	1,317	1,412	1,354	1,286	1,347	1,267	1,413	1,388	1,427	1,376	1,460	
	2008/09	1,650	1,330	1,412	1,469	1,229	1,160	1,334	1,324	1,378	1,369	1,293	1,397	1,335	1,255	1,306	1,232	1,378	1,388	1,395	1,354	1,502	
	2009/10	1,643	1,358	1,437	1,471	1,260	1,198	1,369	1,357	1,437	1,320	1,349	1,436	1,351	1,234	1,362	1,248	1,378	1,416	1,441	1,382	1,473	
	2010/11	1,716	1,435	1,499	1,542	1,323	1,249	1,435	1,431	1,461	1,312	1,431	1,517	1,418	1,259	1,369	1,278	1,405	1,459	1,455	1,442	1,489	
	2011/12	1,799	1,515	1,583	1,607	1,390	1,284	1,519	1,492	1,508	1,450	1,460	1,573	1,506	1,342	1,396	1,313	1,448	1,520	1,499	1,505	1,544	
	2012/13	1,765	1,474	1,563	1,567	1,379	1,254	1,499	1,440	1,498	1,422	1,414	1,525	1,472	1,308	1,349	1,310	1,443	1,476	1,460	1,471	1,592	
	2013/14	1,813	1,503	1,627	1,579	1,421	1,293	1,530	1,476	1,628	1,438	1,460	1,574	1,502	1,317	1,381	1,356	1,476	1,478	1,505	1,511	1,555	
2014/15	1,861	1,512	1,660	1,530	1,430	1,343	1,555	1,482	1,686	1,473	1,493	1,562	1,516	1,351	1,385	1,399	1,560	1,479	1,505	1,529	1,643		
2015/16	1,905	1,525	1,724	1,519	1,470	1,354	1,603	1,494	1,706	1,490	1,484	1,558	1,556	1,366	1,382	1,393	1,580	1,515	1,495	1,545	1,652		
2016/17	1,903	1,508	1,748	1,487	1,483	1,340	1,595	1,519	1,848	1,524	1,452	1,534	1,566	1,412	1,380	1,445	1,658	1,525	1,483	1,543	1,655		
Base Case forecast	2017/18	1,924	1,524	1,759	1,511	1,498	1,353	1,611	1,536	1,872	1,536	1,468	1,552	1,582	1,426	1,392	1,457	1,674	1,539	1,497	1,559	1,681	Base Case forecast
	2018/19	1,945	1,541	1,774	1,532	1,513	1,366	1,625	1,553	1,899	1,552	1,484	1,570	1,599	1,441	1,404	1,470	1,690	1,553	1,509	1,575	1,700	
	2019/20	1,957	1,550	1,782	1,548	1,523	1,373	1,633	1,561	1,913	1,558	1,496	1,581	1,607	1,448	1,410	1,476	1,698	1,560	1,515	1,585	1,710	
	2020/21	1,970	1,560	1,788	1,559	1,532	1,379	1,641	1,570	1,921	1,563	1,506	1,594	1,615	1,456	1,418	1,483	1,705	1,566	1,522	1,594	1,715	
	2021/22	1,983	1,570	1,793	1,571	1,541	1,385	1,648	1,578	1,929	1,568	1,517	1,605	1,622	1,464	1,424	1,490	1,712	1,574	1,528	1,603	1,720	
	2022/23	2,000	1,584	1,804	1,586	1,555	1,395	1,660	1,590	1,943	1,576	1,531	1,619	1,634	1,473	1,433	1,500	1,724	1,585	1,538	1,616	1,730	
	2023/24	2,022	1,601	1,820	1,603	1,572	1,408	1,675	1,606	1,963	1,590	1,548	1,637	1,649	1,486	1,446	1,513	1,740	1,600	1,551	1,633	1,746	
	2024/25	2,045	1,619	1,835	1,627	1,590	1,422	1,692	1,623	1,984	1,605	1,565	1,656	1,666	1,504	1,461	1,527	1,757	1,616	1,566	1,651	1,764	
	2025/26	2,069	1,638	1,851	1,646	1,608	1,436	1,708	1,640	2,004	1,619	1,583	1,675	1,683	1,521	1,474	1,541	1,774	1,632	1,580	1,669	1,781	
	2026/27	2,093	1,657	1,870	1,666	1,627	1,450	1,725	1,658	2,025	1,633	1,600	1,695	1,700	1,535	1,488	1,556	1,791	1,649	1,595	1,687	1,800	
Low Case forecast	2027/28	2,120	1,678	1,889	1,691	1,648	1,465	1,745	1,678	2,049	1,649	1,620	1,718	1,719	1,550	1,503	1,571	1,810	1,668	1,612	1,708	1,822	Low Case forecast
	2028/29	2,138	1,692	1,897	1,708	1,662	1,476	1,756	1,691	2,064	1,658	1,633	1,732	1,732	1,566	1,513	1,581	1,822	1,681	1,622	1,722	1,838	
	2017/18	1,911	1,515	1,747	1,502	1,488	1,341	1,595	1,524	1,853	1,526	1,456	1,541	1,572	1,417	1,381	1,449	1,664	1,531	1,480	1,548	1,672	
	2018/19	1,934	1,533	1,761	1,525	1,505	1,356	1,611	1,543	1,879	1,541	1,475	1,561	1,590	1,432	1,394	1,464	1,682	1,547	1,494	1,566	1,696	
	2019/20	1,946	1,543	1,766	1,541	1,513	1,362	1,618	1,552	1,892	1,547	1,484	1,573	1,599	1,439	1,401	1,472	1,690	1,553	1,500	1,575	1,709	
	2020/21	1,954	1,549	1,769	1,546	1,519	1,366	1,622	1,558	1,896	1,549	1,492	1,582	1,603	1,444	1,406	1,474	1,693	1,556	1,504	1,581	1,714	
	2021/22	1,948	1,545	1,759	1,542	1,513	1,360	1,614	1,551	1,885	1,540	1,489	1,577	1,595	1,438	1,400	1,467	1,685	1,549	1,497	1,575	1,706	
	2022/23	1,963	1,556	1,768	1,554	1,523	1,368	1,623	1,561	1,897	1,548	1,500	1,589	1,605	1,445	1,408	1,475	1,694	1,557	1,505	1,586	1,718	
	2023/24	1,984	1,572	1,784	1,571	1,540	1,382	1,639	1,578	1,917	1,563	1,516	1,608	1,621	1,460	1,422	1,489	1,710	1,572	1,519	1,602	1,738	
	2024/25	2,016	1,596	1,807	1,601	1,564	1,401	1,663	1,602	1,947	1,584	1,539	1,634	1,644	1,485	1,442	1,511	1,735	1,594	1,540	1,627	1,766	
High Case forecast	2025/26	2,036	1,611	1,819	1,615	1,579	1,413	1,675	1,616	1,963	1,596	1,553	1,650	1,658	1,499	1,453	1,521	1,748	1,607	1,552	1,642	1,784	High Case forecast
	2026/27	2,051	1,623	1,831	1,627	1,591	1,422	1,685	1,628	1,976	1,605	1,564	1,664	1,669	1,508	1,462	1,529	1,759	1,617	1,561	1,654	1,799	
	2027/28	2,066	1,635	1,841	1,643	1,602	1,430	1,694	1,638	1,987	1,612	1,575	1,676	1,679	1,514	1,470	1,537	1,768	1,627	1,570	1,665	1,815	
	2028/29	2,076	1,643	1,843	1,652	1,610	1,436	1,699	1,646	1,995	1,617	1,582	1,685	1,686	1,525	1,475	1,542	1,774	1,633	1,575	1,672	1,828	
	2017/18	1,941	1,538	1,774	1,520	1,511	1,364	1,622	1,549	1,890	1,550	1,479	1,565	1,596	1,440	1,403	1,469	1,689	1,552	1,506	1,572	1,693	
	2018/19	1,971	1,561	1,794	1,549	1,53,5																	



**Table 5.8 Average weekly earnings by Endeavour Energy LGA, EE weighted average and NSW weighted average (growth rates - per cent)**

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW
Historic	1997/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1998/99	1.5%	0.6%	7.1%	1.0%	0.0%	1.7%	0.2%	-0.1%	0.6%	4.2%	1.6%	-0.1%	0.2%	-1.0%	-2.1%	3.3%	3.1%	0.5%	0.0%	1.1%	8.9%
	1999/00	-0.8%	-1.1%	-0.1%	-6.8%	-4.6%	0.3%	-2.0%	0.6%	-2.7%	2.5%	-1.9%	0.1%	1.3%	1.6%	-4.0%	0.4%	0.7%	-5.6%	-2.4%	-1.1%	2.1%
	2000/01	-4.6%	-1.9%	-1.1%	-3.3%	-2.6%	-5.1%	-2.4%	-2.6%	-1.9%	3.8%	-6.6%	-2.6%	-2.7%	3.6%	-2.9%	-4.4%	-4.2%	-1.6%	-1.6%	-3.0%	0.9%
	2001/02	-0.6%	0.8%	1.6%	0.8%	0.5%	-1.2%	0.7%	-0.8%	-0.9%	2.9%	-0.7%	-2.1%	-4.2%	2.6%	1.0%	2.1%	3.3%	2.6%	0.5%	-0.2%	-1.5%
	2002/03	0.1%	-2.0%	-4.0%	-2.1%	0.1%	0.4%	0.2%	1.4%	2.5%	0.7%	-4.0%	1.9%	0.5%	-1.4%	1.4%	-5.5%	-3.8%	1.5%	0.7%	-0.6%	0.6%
	2003/04	3.9%	3.8%	1.1%	1.9%	4.0%	2.0%	4.5%	5.3%	13.6%	3.4%	2.4%	6.8%	4.5%	5.4%	9.2%	2.9%	5.4%	4.6%	3.5%	4.0%	-0.5%
	2004/05	7.2%	4.7%	2.0%	5.0%	4.7%	3.5%	5.0%	6.0%	0.9%	6.6%	7.2%	6.6%	4.8%	9.7%	1.1%	9.1%	5.4%	4.3%	5.3%	5.3%	4.6%
	2005/06	-0.5%	0.0%	-4.2%	-0.1%	0.7%	0.8%	0.5%	0.9%	-2.2%	-1.0%	1.9%	1.6%	0.4%	1.0%	-0.4%	-1.5%	1.0%	-0.7%	0.6%	0.2%	5.0%
	2006/07	-0.3%	1.4%	-3.0%	0.2%	1.2%	1.4%	-1.3%	1.5%	-1.9%	-0.2%	2.6%	2.1%	2.0%	-0.5%	2.4%	2.2%	1.2%	-1.0%	3.7%	1.3%	-0.3%
	2007/08	4.7%	3.3%	2.8%	1.5%	2.8%	1.0%	1.3%	2.8%	2.6%	0.0%	1.7%	2.7%	3.9%	2.2%	2.5%	3.1%	3.6%	0.6%	2.2%	2.7%	0.4%
	2008/09	-1.6%	-1.5%	-1.8%	-0.1%	-1.1%	-1.9%	-1.5%	-0.6%	-2.4%	-1.6%	-1.8%	-1.0%	-1.3%	-2.4%	-3.1%	-2.7%	-2.5%	0.0%	-2.2%	-1.6%	2.9%
	2009/10	-0.4%	2.1%	1.8%	0.1%	2.5%	3.3%	2.6%	2.5%	4.3%	-3.6%	4.3%	2.8%	1.2%	-1.7%	4.3%	1.3%	0.0%	2.0%	3.3%	2.1%	-1.9%
	2010/11	4.5%	5.7%	4.3%	4.9%	4.9%	4.2%	4.8%	5.5%	1.7%	-0.6%	6.0%	5.6%	4.9%	2.0%	0.5%	2.4%	1.9%	3.0%	0.9%	4.3%	1.1%
	2011/12	4.8%	5.5%	5.6%	4.2%	5.1%	2.8%	5.9%	4.2%	3.2%	10.5%	2.0%	3.7%	6.2%	6.6%	2.0%	2.7%	3.0%	4.2%	3.1%	4.3%	3.7%
	2012/13	-1.8%	-2.7%	-1.3%	-2.5%	-0.8%	-2.3%	-1.3%	-3.4%	-0.7%	-1.9%	-3.1%	-3.0%	-2.3%	-2.5%	-3.4%	-0.2%	-0.3%	-2.9%	-2.6%	-2.3%	3.1%
	2013/14	2.7%	2.0%	4.1%	0.7%	3.0%	3.1%	2.1%	2.5%	8.7%	1.1%	3.2%	3.2%	2.1%	0.7%	2.4%	3.5%	2.3%	0.2%	3.1%	2.7%	-2.4%
	2014/15	2.6%	0.6%	2.0%	-3.1%	0.7%	3.8%	1.6%	0.4%	3.6%	2.5%	2.3%	-0.8%	0.9%	2.6%	0.2%	3.2%	5.6%	0.1%	0.0%	1.2%	5.7%
	2015/16	2.4%	0.9%	3.9%	-0.7%	2.8%	0.8%	3.1%	0.8%	1.1%	1.1%	-0.6%	-0.2%	2.6%	1.2%	-0.2%	-0.4%	1.3%	2.4%	-0.7%	1.0%	0.5%
	2016/17	-0.1%	-1.1%	1.4%	-2.1%	0.9%	-1.0%	-0.5%	1.6%	8.3%	2.3%	-2.2%	-1.6%	0.7%	3.4%	-0.2%	3.7%	4.9%	0.6%	-0.8%	-0.1%	0.2%
Base Case Forecast	2017/18	1.1%	1.1%	0.6%	1.6%	1.0%	0.9%	1.0%	1.1%	1.3%	0.8%	1.1%	1.2%	1.0%	1.0%	0.9%	0.9%	1.0%	0.9%	1.0%	1.1%	1.6%
	2018/19	1.1%	1.1%	0.9%	1.4%	1.0%	0.9%	0.9%	1.1%	1.5%	1.0%	1.1%	1.2%	1.0%	1.1%	0.9%	0.9%	0.9%	0.9%	0.8%	1.0%	1.1%
	2019/20	0.6%	0.6%	0.4%	1.0%	0.6%	0.5%	0.5%	0.5%	0.7%	0.4%	0.8%	0.7%	0.5%	0.5%	0.5%	0.4%	0.5%	0.4%	0.4%	0.6%	0.6%
	2020/21	0.6%	0.6%	0.4%	0.7%	0.6%	0.5%	0.5%	0.6%	0.4%	0.4%	0.7%	0.8%	0.5%	0.6%	0.5%	0.5%	0.4%	0.4%	0.5%	0.6%	0.3%
	2021/22	0.6%	0.6%	0.3%	0.7%	0.6%	0.4%	0.4%	0.5%	0.4%	0.3%	0.7%	0.7%	0.5%	0.5%	0.4%	0.4%	0.4%	0.5%	0.4%	0.6%	0.3%
	2022/23	0.9%	0.9%	0.6%	0.9%	0.9%	0.7%	0.7%	0.7%	0.7%	0.6%	1.0%	0.9%	0.7%	0.6%	0.7%	0.7%	0.7%	0.7%	0.6%	0.8%	0.6%
	2023/24	1.1%	1.1%	0.9%	1.1%	1.1%	1.0%	0.9%	1.0%	1.0%	0.9%	1.1%	1.1%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	0.9%	1.0%	0.9%
	2024/25	1.1%	1.1%	0.9%	1.5%	1.1%	1.0%	1.0%	1.1%	1.1%	0.9%	1.1%	1.2%	1.0%	1.2%	1.0%	0.9%	1.0%	1.0%	0.9%	1.1%	1.0%
	2025/26	1.2%	1.1%	0.9%	1.2%	1.2%	1.0%	0.9%	1.1%	1.0%	0.9%	1.1%	1.2%	1.0%	1.1%	0.9%	0.9%	1.0%	1.0%	0.9%	1.1%	1.0%
	2026/27	1.2%	1.2%	1.0%	1.2%	1.2%	1.0%	1.0%	1.1%	1.1%	0.9%	1.1%	1.2%	1.0%	0.9%	0.9%	1.0%	1.0%	1.0%	0.9%	1.1%	1.1%
	2027/28	1.3%	1.3%	1.0%	1.5%	1.3%	1.1%	1.1%	1.2%	1.2%	1.0%	1.2%	1.3%	1.1%	0.9%	1.0%	1.0%	1.1%	1.2%	1.0%	1.2%	1.2%
2028/29	0.9%	0.9%	0.4%	1.0%	0.9%	0.7%	0.7%	0.8%	0.7%	0.6%	0.8%	0.9%	0.7%	1.0%	0.6%	0.6%	0.6%	0.7%	0.6%	0.8%	0.9%	
Low Case Forecast	2017/18	0.4%	0.4%	-0.1%	1.0%	0.4%	0.1%	0.0%	0.3%	0.3%	0.1%	0.3%	0.4%	0.4%	0.3%	0.1%	0.3%	0.4%	0.4%	-0.2%	0.3%	1.0%
	2018/19	1.2%	1.2%	0.8%	1.5%	1.2%	1.1%	1.0%	1.3%	1.4%	1.0%	1.3%	1.3%	1.2%	1.1%	1.0%	1.0%	1.1%	1.1%	0.9%	1.2%	1.4%
	2019/20	0.6%	0.6%	0.3%	1.1%	0.5%	0.5%	0.4%	0.6%	0.7%	0.4%	0.7%	0.7%	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.6%	0.8%
	2020/21	0.4%	0.4%	0.2%	0.3%	0.4%	0.3%	0.3%	0.4%	0.2%	0.2%	0.5%	0.6%	0.3%	0.4%	0.3%	0.1%	0.2%	0.2%	0.3%	0.4%	0.3%
	2021/22	-0.3%	-0.3%	-0.6%	-0.2%	-0.4%	-0.5%	-0.5%	-0.4%	-0.6%	-0.6%	-0.2%	-0.3%	-0.5%	-0.4%	-0.4%	-0.5%	-0.5%	-0.4%	-0.5%	-0.4%	-0.4%
	2022/23	0.7%	0.7%	0.5%	0.8%	0.7%	0.6%	0.6%	0.6%	0.6%	0.5%	0.8%	0.8%	0.6%	0.5%	0.6%	0.6%	0.5%	0.5%	0.6%	0.7%	0.7%
	2023/24	1.1%	1.1%	0.9%	1.1%	1.1%	1.0%	1.0%	1.0%	1.1%	1.0%	1.1%	1.1%	1.0%	1.1%	1.0%	0.9%	1.0%	1.0%	0.9%	1.0%	1.1%
	2024/25	1.6%	1.5%	1.3%	1.9%	1.6%	1.4%	1.4%	1.5%	1.6%	1.4%	1.5%	1.7%	1.5%	1.7%	1.4%	1.5%	1.4%	1.4%	1.4%	1.5%	1.6%
	2025/26	1.0%	0.9%	0.7%	0.9%	0.9%	0.8%	0.7%	0.9%	0.8%	0.7%	0.9%	1.0%	0.8%	1.0%	0.8%	0.7%	0.8%	0.8%	0.8%	0.9%	1.0%
	2026/27	0.8%	0.8%	0.7%	0.7%	0.8%	0.7%	0.6%	0.7%	0.7%	0.6%	0.7%	0.8%	0.7%	0.6%	0.6%	0.5%	0.6%	0.6%	0.6%	0.7%	0.9%
	2027/28	0.7%	0.7%	0.5%	1.0%	0.7%	0.5%	0.5%	0.6%	0.6%	0.4%	0.7%	0.7%	0.6%	0.4%	0.5%	0.5%	0.5%	0.6%	0.5%	0.7%	0.9%
2028/29	0.5%	0.5%	0.1%	0.6%	0.5%	0.4%	0.3%	0.4%	0.4%	0.3%	0.4%	0.5%	0.4%	0.7%	0.4%	0.3%	0.3%	0.4%	0.3%	0.4%	0.7%	
High Case Forecast	2017/18	2.0%	2.0%	1.5%	2.2%	1.9%	1.8%	1.7%	2.0%	2.3%	1.7%	1.9%	2.0%	1.9%	1.9%	1.7%	1.7%	1.8%	1.8%	1.6%	1.9%	2.3%
	2018/19	1.5%	1.5%	1.1%	1.9%	1.5%	1.4%	1.4%	1.6%	1.8%	1.3%	1.5%	1.6%	1.5%	1.4%	1.3%	1.3%	1.4%	1.3%	1.2%	1.5%	1.0%
	2019/20	0.6%	0.6%	0.3%	1.2%	0.6%	0.5%	0.5%	0.6%	0.7%	0.4%	0.7%	0.8%	0.5%	0.4%	0.5%	0.5%	0.5%	0.5%	0.4%	0.6%	0.1%
	2020/21	1.0%	1.0%	0.7%	1.0%	1.0%	0.8%	0.9%	1.0%	0.8%	0.8%	1.0%	1.2%	0.9%	1.0%	0.9%	0.8%	0.8%	0.8%	0.8%	0.9%	0.6%
	2021/22	1.8%	1.8%	1.4%	1.6%	1.8%	1.5%	1.6%	1.7%	1.7%	1.4%	1.8%	1.9%	1.6%	1.8%	1.5%	1.5%	1.6%	1.6%	1.5%	1.7%	1.3%
	2022/23	1.7%	1.7%	1.5%	1.6%	1.8%	1.6%	1.6%	1.7%	1.7%	1.5%	1.8%	1.9%	1.6%	1.6%	1.5%	1.5%	1.6%	1.5%	1.5%	1.7%	1.4%
	2023/24	2.0%	1.9%	1.7%	1.8%	2.0%	1.9%	1.9%	1.9%	2.1%	1.9%	1.9%	2.1%	1.9%	2.0%	1.8%	1.7%	1.9%	1.8%	1.7%	1.9%	1.5%
	2024/25	1.8%	1.8%	1.5%	1.8%	1.8%	1.6%	1.6%	1.7%	1.8%	1.5%	1.7%	1.8%	1.7%	1.8%	1.6%	1.6%	1.6%	1.7%	1.5%	1.7%	1.3%
	2025/26	2.0%	2.0%	1.6%	2.3%	2.1%	1.8%	1.8%	1.9%	1.9%	1.6%	1.9%	2.0%	1.8%	2.1%	1.7%	1.7%	1.8%	1.8%	1.7%	1.9%	1.5%
	2026/27	1.5%	1.4%	1.3%	1.3%	1.5%	1.3%	1.3%	1.4%	1.4%	1.3%	1.4%	1.5%	1.4%	1.3%	1.3%	1.3%	1.3%	1.4%	1.3%	1.4%	1.1%
	2027/28	1.4%	1.3%	1.1%	1.4%	1.4%	1.2%	1.2%	1.3%	1.3%	1.1%	1.3%	1.4%	1.2%	1.1%	1.2%	1.1%	1.2%	1.3%	1.1%	1.3%	1.0%
2028/29	0.9%	0.9%	0.5%	0.9%	0.9%	0.8%	0.7%	0.8%	0.9%	0.8%	0.8%	0.9%	0.8%	1.5%	0.8%	0.7%	0.7%	0.8%	0.7%	0.8%	0.6%	

**Table 5.9 Real household disposable income by Endeavour Energy LGA, EE weighted average and NSW weighted average (2014-15 \$ million)**

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE weighted average	NSW weighted average	
Historic	1997/98	5,411	6,695	2,361	1,108	3,807	4,586	1,872	2,755	580	591	3,908	4,839	5,569	94	1,552	2,150	1,261	1,074	5,444	55,657	214,431	Historic
	1998/99	5,701	7,132	2,440	1,277	4,035	4,678	1,962	2,829	601	608	4,162	4,911	5,653	95	1,616	2,155	1,269	1,151	5,596	57,870	221,189	
	1999/00	6,186	7,594	2,685	1,482	4,305	4,859	2,060	2,844	657	589	4,519	4,786	5,207	95	1,755	2,341	1,390	1,239	6,008	60,601	231,423	
	2000/01	6,476	7,995	2,762	1,611	4,448	5,084	2,148	2,882	674	600	4,900	4,891	5,518	100	1,840	2,424	1,448	1,302	6,269	63,372	240,663	
	2001/02	6,469	7,981	2,716	1,626	4,382	5,059	2,152	2,851	700	583	4,840	4,937	5,832	99	1,845	2,479	1,471	1,306	6,209	63,534	239,971	
	2002/03	6,633	8,059	2,720	1,681	4,388	4,999	2,114	2,851	668	597	5,047	4,928	5,798	95	1,786	2,616	1,512	1,322	6,335	64,149	241,401	
	2003/04	6,943	8,527	2,795	1,757	4,573	5,349	2,196	2,964	682	626	5,202	5,171	5,974	105	1,900	2,724	1,596	1,392	6,651	67,126	255,138	
	2004/05	7,226	8,923	2,935	1,857	4,792	5,478	2,305	3,053	771	680	5,449	5,341	6,171	111	2,057	2,968	1,740	1,488	7,016	70,362	269,014	
	2005/06	7,363	9,077	2,948	1,870	4,894	5,441	2,338	3,094	762	702	5,387	5,386	6,281	115	2,073	2,879	1,698	1,497	7,083	70,889	271,881	
	2006/07	7,626	9,410	3,053	2,023	5,019	5,601	2,361	3,216	804	726	5,640	5,653	6,490	120	2,163	2,922	1,745	1,599	7,370	73,542	283,164	
	2007/08	7,915	10,071	3,172	2,122	5,168	5,935	2,515	3,449	861	784	6,025	6,044	6,852	131	2,287	3,061	1,832	1,671	7,706	77,603	298,781	
	2008/09	8,004	10,604	3,319	2,186	5,358	6,150	2,584	3,581	886	813	6,294	6,310	7,110	142	2,408	3,258	1,900	1,703	8,050	80,660	309,557	
	2009/10	8,486	11,063	3,384	2,328	5,468	6,182	2,663	3,612	895	841	6,352	6,412	7,307	143	2,391	3,323	1,929	1,805	8,002	82,587	316,298	
	2010/11	9,288	11,487	3,612	2,596	5,675	6,096	2,833	3,846	1,009	845	6,594	6,872	7,733	154	2,523	3,649	2,139	1,993	8,452	87,396	332,595	
	2011/12	9,609	11,795	3,670	2,721	5,781	6,168	2,889	4,008	1,067	848	6,876	7,203	7,902	161	2,648	3,718	2,184	2,051	8,760	90,060	344,822	
	2012/13	9,641	11,837	3,662	2,787	5,657	6,097	2,884	3,996	1,081	827	6,854	7,202	7,967	163	2,670	3,727	2,217	2,039	8,872	90,179	344,359	
	2013/14	10,366	12,752	3,834	3,102	6,077	6,430	3,139	4,325	1,150	878	7,390	7,794	8,427	173	2,879	3,923	2,357	2,225	9,435	96,656	364,325	
2014/15	10,453	13,302	3,842	3,391	6,283	6,492	3,187	4,534	1,167	860	7,562	8,187	8,713	172	2,954	3,999	2,390	2,304	9,689	99,481	373,082		
2015/16	10,796	13,538	3,821	3,570	6,286	6,828	3,248	4,615	1,209	901	8,052	8,384	8,692	177	3,087	4,127	2,479	2,315	10,058	102,181	382,983		
2016/17	11,348	13,931	3,831	3,783	6,395	6,986	3,354	4,720	1,220	894	8,361	8,534	8,756	180	3,126	3,938	2,409	2,365	10,088	104,220	390,081		
Base Case forecast	2017/18	12,261	14,539	3,830	4,320	6,654	7,397	3,502	5,087	1,416	934	8,977	9,004	9,067	196	3,310	4,139	2,562	2,477	10,660	110,332	402,826	Base Case forecast
	2018/19	12,622	14,940	3,872	4,640	6,756	7,473	3,512	5,223	1,490	942	9,286	9,278	9,294	195	3,315	4,131	2,568	2,501	10,640	112,643	409,151	
	2019/20	12,972	15,349	3,906	5,005	6,922	7,589	3,555	5,310	1,540	943	9,697	9,567	9,439	196	3,361	4,173	2,597	2,528	10,695	115,345	419,206	
	2020/21	13,311	15,703	3,901	5,218	7,040	7,662	3,577	5,403	1,541	940	9,986	9,948	9,534	198	3,414	4,213	2,607	2,537	10,791	117,524	427,555	
	2021/22	13,692	16,129	3,873	5,478	7,175	7,732	3,600	5,475	1,548	935	10,369	10,240	9,589	203	3,464	4,275	2,629	2,573	10,890	119,869	436,100	
	2022/23	14,355	16,802	3,958	5,917	7,470	8,080	3,707	5,676	1,611	968	11,000	10,700	9,770	219	3,655	4,542	2,768	2,681	11,442	125,321	454,998	
	2023/24	15,026	17,492	4,067	6,351	7,781	8,438	3,823	5,883	1,679	1,005	11,588	11,153	10,015	234	3,838	4,774	2,898	2,800	11,955	130,800	472,991	
	2024/25	15,561	18,068	4,112	6,838	7,997	8,607	3,887	6,010	1,710	1,014	11,965	11,497	10,210	240	3,923	4,856	2,945	2,875	12,169	134,483	484,053	
	2025/26	16,172	18,645	4,156	7,208	8,222	8,752	3,921	6,131	1,728	1,019	12,337	11,836	10,410	244	3,985	4,920	2,981	2,940	12,336	137,943	494,636	
	2026/27	16,813	19,356	4,271	7,654	8,513	8,983	4,005	6,302	1,766	1,033	12,813	12,259	10,646	250	4,094	5,053	3,056	3,038	12,647	142,551	508,013	
2027/28	15,914	18,838	4,014	6,978	8,010	7,701	3,605	5,728	1,489	844	11,880	11,553	10,298	164	3,357	3,946	2,451	2,696	10,399	129,865	445,565		
2028/29	16,459	19,460	3,989	7,393	8,245	7,878	3,654	5,859	1,516	849	12,262	11,905	10,484	173	3,426	4,021	2,491	2,771	10,585	133,419	458,095		
Low Case forecast	2017/18	12,051	14,387	3,750	4,265	6,578	7,170	3,349	4,968	1,364	919	8,723	8,835	8,951	194	3,217	4,110	2,542	2,463	10,079	107,917	400,091	Low Case forecast
	2018/19	12,240	14,616	3,657	4,490	6,592	7,110	3,305	5,035	1,387	899	8,898	8,992	9,054	187	3,167	4,032	2,504	2,463	9,849	108,476	399,960	
	2019/20	12,295	14,662	3,570	4,742	6,534	7,023	3,251	5,035	1,392	879	8,990	9,124	9,006	182	3,138	4,000	2,461	2,416	9,676	108,377	405,304	
	2020/21	12,736	15,155	3,602	4,920	6,710	7,212	3,316	5,187	1,417	893	9,397	9,587	9,149	191	3,251	4,081	2,519	2,451	9,964	111,739	412,813	
	2021/22	12,866	15,327	3,526	5,001	6,710	7,122	3,278	5,165	1,391	869	9,563	9,712	9,090	187	3,223	4,006	2,473	2,430	9,825	111,765	417,821	
	2022/23	13,434	15,873	3,610	5,370	6,953	7,450	3,372	5,354	1,453	905	10,067	10,144	9,267	203	3,403	4,253	2,598	2,516	10,342	116,565	432,488	
	2023/24	13,749	16,136	3,642	5,605	7,075	7,622	3,407	5,440	1,486	922	10,315	10,378	9,347	211	3,495	4,360	2,656	2,563	10,575	118,983	445,965	
	2024/25	14,245	16,603	3,680	6,073	7,266	7,799	3,456	5,570	1,516	934	10,655	10,720	9,522	218	3,585	4,495	2,708	2,628	10,807	122,481	452,637	
	2025/26	14,501	16,786	3,653	6,192	7,309	7,764	3,410	5,579	1,497	920	10,736	10,845	9,550	216	3,559	4,420	2,673	2,622	10,708	122,941	458,653	
	2026/27	15,018	17,336	3,750	6,483	7,532	7,973	3,475	5,733	1,531	937	11,098	11,217	9,751	222	3,663	4,514	2,742	2,699	11,001	126,675	467,023	
2027/28	13,998	16,643	3,481	5,718	6,962	6,699	3,062	5,151	1,254	753	10,064	10,463	9,357	138	2,937	3,438	2,145	2,340	8,788	113,391	406,040		
2028/29	14,233	16,888	3,414	5,886	7,034	6,747	3,049	5,197	1,255	749	10,182	10,636	9,410	142	2,948	3,419	2,138	2,357	8,795	114,479	413,754		
High Case forecast	2017/18	12,901	15,224	4,035	4,497	6,939	7,777	3,602	5,326	1,499	988	9,368	9,358	9,459	211	3,496	4,382	2,712	2,604	11,060	115,4		



Table 5.10 Real household disposable income by Endeavour Energy LGA, EE weighted average and NSW weighted average (growth rates - per cent)

		Baulkham Hills	Blacktown	Blue Mountains	Camden	Campbelltown	Fairfield	Hawkesbury	Holroyd	Kiama	Lithgow	Liverpool	Parramatta	Penrith	Portion of Western LGAs	Shellharbour	Shoalhaven	Wingecarribee	Wollondilly	Wollongong	EE Total	NSW
Historic	1997/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1998/99	5.4%	6.5%	3.4%	15.2%	6.0%	2.0%	4.8%	2.7%	3.7%	2.8%	6.5%	1.5%	1.5%	0.2%	4.1%	0.2%	0.6%	7.3%	2.8%	4.0%	3.2%
	1999/00	8.5%	6.5%	10.0%	16.0%	6.7%	3.9%	5.0%	0.5%	9.3%	-3.1%	8.6%	-2.5%	-7.9%	0.1%	8.6%	8.7%	9.6%	7.6%	7.4%	4.7%	4.6%
	2000/01	4.7%	5.3%	2.9%	8.7%	3.3%	4.6%	4.3%	1.3%	2.6%	1.9%	8.4%	2.2%	6.0%	5.2%	4.8%	3.5%	4.1%	5.0%	4.3%	4.6%	4.0%
	2001/02	-0.1%	-0.2%	-1.7%	0.9%	-1.5%	-0.5%	0.2%	-1.1%	3.8%	-2.9%	-1.2%	0.9%	5.7%	-1.1%	0.3%	2.3%	1.6%	0.3%	-1.0%	0.3%	-0.3%
	2002/03	2.5%	1.0%	0.2%	3.4%	0.1%	-1.2%	-1.8%	0.0%	-4.6%	2.5%	4.3%	-0.2%	-0.6%	-3.4%	-3.2%	5.6%	2.8%	1.2%	2.0%	1.0%	0.6%
	2003/04	4.7%	5.8%	2.7%	4.5%	4.2%	7.0%	3.9%	4.0%	2.1%	4.7%	3.1%	4.9%	3.0%	10.2%	6.4%	4.1%	5.5%	5.3%	5.0%	4.6%	5.7%
	2004/05	4.1%	4.6%	5.0%	5.7%	4.8%	2.4%	5.0%	3.0%	13.1%	8.7%	4.7%	3.3%	3.3%	6.1%	8.3%	9.0%	9.0%	6.9%	5.5%	4.8%	5.4%
	2005/06	1.9%	1.7%	0.5%	0.7%	2.1%	-0.7%	1.4%	1.4%	-1.1%	3.3%	-1.1%	0.8%	1.8%	3.5%	0.8%	-3.0%	-2.4%	0.6%	0.9%	0.7%	1.1%
	2006/07	3.6%	3.7%	3.6%	8.2%	2.6%	2.9%	1.0%	3.9%	5.5%	3.4%	4.7%	5.0%	3.3%	4.0%	4.3%	1.5%	2.7%	6.8%	4.1%	3.7%	4.2%
	2007/08	3.8%	7.0%	3.9%	4.9%	3.0%	6.0%	6.5%	7.2%	7.1%	8.0%	6.8%	6.9%	5.6%	9.7%	5.7%	4.7%	5.0%	4.5%	4.6%	5.5%	5.5%
	2008/09	1.1%	5.3%	4.6%	3.0%	3.7%	3.6%	2.8%	3.8%	2.8%	3.8%	4.5%	4.4%	3.8%	8.1%	5.3%	6.5%	3.7%	1.9%	4.5%	3.9%	3.6%
	2009/10	6.0%	4.3%	2.0%	6.5%	2.0%	0.5%	3.0%	0.9%	1.0%	3.5%	0.9%	1.6%	2.8%	0.6%	-0.7%	2.0%	1.6%	6.0%	-0.6%	2.4%	2.2%
	2010/11	9.5%	3.8%	6.7%	11.5%	3.8%	-1.4%	6.4%	6.5%	12.8%	0.4%	3.8%	7.2%	5.8%	8.0%	5.5%	9.8%	10.8%	10.4%	5.6%	5.8%	5.2%
	2011/12	3.5%	2.7%	1.6%	4.8%	1.9%	1.2%	2.0%	4.2%	5.7%	0.4%	4.3%	4.8%	2.2%	4.3%	5.0%	1.9%	2.1%	2.9%	3.6%	3.0%	3.7%
	2012/13	0.3%	0.4%	-0.2%	2.4%	-2.1%	-1.1%	-0.2%	-0.3%	1.4%	-2.5%	-0.3%	0.0%	0.8%	1.0%	0.8%	0.3%	1.5%	-0.6%	1.3%	0.1%	-0.1%
	2013/14	7.5%	7.7%	4.7%	11.3%	7.4%	5.5%	8.8%	8.2%	6.3%	6.2%	7.8%	8.2%	5.8%	6.3%	7.8%	5.2%	6.3%	9.2%	6.3%	7.2%	5.8%
	2014/15	0.8%	4.3%	0.2%	9.3%	3.4%	1.0%	1.5%	4.8%	1.5%	-2.0%	2.3%	-0.5%	3.4%	-0.8%	2.6%	1.9%	1.4%	3.5%	2.7%	2.9%	2.4%
	2015/16	3.3%	1.8%	-0.5%	5.3%	0.1%	5.2%	1.9%	1.8%	3.6%	4.7%	6.5%	2.4%	-0.2%	2.9%	4.5%	3.2%	3.7%	0.5%	3.8%	2.7%	2.7%
	2016/17	5.1%	2.9%	0.2%	6.0%	1.7%	2.3%	3.3%	2.3%	0.9%	-0.7%	3.8%	1.8%	0.7%	2.2%	1.3%	-4.6%	-2.8%	2.1%	0.3%	2.0%	1.9%
Base Case Forecast	2017/18	8.0%	4.4%	0.0%	14.2%	4.1%	5.9%	4.4%	7.8%	16.1%	4.4%	7.4%	5.5%	3.6%	8.8%	5.9%	5.1%	6.4%	4.7%	5.7%	5.9%	3.3%
	2018/19	2.9%	2.8%	1.1%	7.4%	1.5%	1.0%	0.3%	2.7%	5.3%	0.9%	3.4%	3.0%	2.5%	-0.9%	0.2%	-0.2%	0.2%	1.0%	-0.5%	2.1%	1.6%
	2019/20	2.8%	2.7%	0.9%	7.9%	2.5%	1.6%	1.2%	1.7%	3.3%	0.1%	4.4%	3.1%	1.6%	0.8%	1.4%	1.0%	1.1%	1.1%	0.9%	2.4%	2.5%
	2020/21	2.6%	2.3%	-0.1%	4.2%	1.7%	1.0%	0.6%	1.7%	0.1%	-0.3%	3.0%	4.0%	1.0%	1.0%	1.6%	1.0%	0.4%	0.4%	0.9%	1.9%	2.0%
	2021/22	2.9%	2.7%	-0.7%	5.0%	1.9%	0.9%	0.6%	1.3%	0.5%	-0.6%	3.8%	2.9%	0.6%	2.2%	1.5%	1.5%	0.9%	1.4%	0.9%	2.0%	2.0%
	2022/23	4.8%	4.2%	2.2%	8.0%	4.1%	4.5%	3.0%	3.7%	4.1%	3.6%	6.1%	4.5%	1.9%	8.2%	5.5%	6.2%	5.3%	4.2%	5.1%	4.5%	4.3%
	2023/24	4.7%	4.1%	2.8%	7.3%	4.2%	4.4%	3.1%	3.6%	4.2%	3.8%	5.3%	4.2%	2.5%	6.6%	5.0%	5.1%	4.7%	4.4%	4.5%	4.4%	4.0%
	2024/25	3.6%	3.3%	1.1%	7.7%	2.8%	2.0%	1.7%	2.2%	1.8%	0.9%	3.3%	3.1%	1.9%	2.5%	2.2%	1.7%	1.6%	2.7%	1.8%	2.8%	2.3%
	2025/26	3.9%	3.2%	1.1%	5.4%	2.8%	1.7%	0.9%	2.0%	1.0%	0.5%	3.1%	3.0%	2.0%	1.9%	1.6%	1.3%	1.2%	2.3%	1.4%	2.6%	2.2%
	2026/27	4.0%	3.8%	2.8%	6.2%	3.5%	2.6%	2.1%	2.8%	2.2%	1.4%	3.9%	3.6%	2.3%	2.5%	2.7%	2.7%	2.5%	3.3%	2.5%	3.3%	2.7%
2027/28								-9.1%	-15.7%	-18.3%	-7.3%	-5.8%	-3.3%	-34.3%	-18.0%	-21.9%	-19.8%	-11.3%	-17.8%	-8.9%	-12.3%	
2028/29								2.3%	1.8%	0.7%	3.2%	3.1%	1.8%	5.1%	2.1%	1.9%	1.6%	2.8%	1.8%	2.7%	2.8%	
Low Case Forecast	2017/18	6.2%	3.3%	-2.1%	12.7%	2.9%	2.6%	-0.2%	5.2%	11.9%	2.8%	4.3%	3.5%	2.2%	7.7%	2.9%	4.4%	5.5%	4.2%	-0.1%	3.5%	2.6%
	2018/19	1.6%	1.6%	-2.5%	5.3%	0.2%	-0.8%	-1.3%	1.3%	1.7%	-2.2%	2.0%	1.8%	1.1%	-4.0%	-1.5%	-1.9%	-1.5%	0.0%	-2.3%	0.5%	0.0%
	2019/20	0.4%	0.3%	-2.4%	5.6%	-0.9%	-1.2%	-1.7%	0.0%	0.4%	-2.2%	1.0%	1.5%	-0.5%	-2.2%	-0.9%	-0.8%	-1.7%	-1.9%	-1.7%	-0.1%	1.3%
	2020/21	3.6%	3.4%	0.9%	3.7%	2.7%	2.7%	2.0%	3.0%	1.8%	1.6%	4.5%	5.1%	1.6%	4.5%	3.6%	2.0%	2.4%	1.4%	3.0%	3.1%	1.9%
	2021/22	1.0%	1.1%	-2.1%	1.6%	0.0%	-1.2%	-1.1%	-0.4%	-1.8%	-2.7%	1.8%	1.3%	-0.6%	-1.7%	-0.9%	-1.8%	-1.8%	-0.9%	-1.4%	0.0%	1.2%
	2022/23	4.4%	3.6%	2.4%	7.4%	3.6%	4.6%	2.9%	3.7%	4.4%	4.0%	5.3%	4.4%	2.0%	8.2%	5.6%	6.2%	5.0%	3.5%	5.3%	3.5%	3.5%
	2023/24	2.3%	1.7%	0.9%	4.4%	1.7%	2.3%	1.1%	1.6%	2.3%	1.9%	2.5%	2.3%	0.9%	4.1%	2.7%	2.5%	2.2%	1.9%	2.2%	2.1%	3.1%
	2024/25	3.6%	2.9%	1.0%	8.4%	2.7%	2.3%	1.4%	2.4%	2.0%	1.3%	3.3%	3.3%	1.9%	3.4%	2.6%	3.1%	2.0%	2.6%	2.2%	2.9%	1.5%
	2025/26	1.8%	1.1%	-0.8%	1.9%	0.6%	-0.5%	-1.3%	0.2%	-1.3%	-1.5%	0.8%	1.2%	0.3%	-1.1%	-0.7%	-1.7%	-1.3%	-0.2%	-0.9%	0.4%	1.3%
	2026/27	3.6%	3.3%	2.7%	4.7%	3.0%	2.7%	1.9%	2.8%	2.2%	1.8%	3.4%	3.4%	2.1%	2.8%	2.9%	2.1%	2.6%	2.9%	2.7%	3.0%	1.8%
High Case Forecast	2027/28	-6.8%	-4.0%	-7.2%	-11.8%	-7.6%	-16.0%	-11.9%	-10.2%	-18.1%	-19.6%	-9.3%	-6.7%	-4.0%	-37.7%	-19.8%	-23.8%	-21.8%	-13.3%	-20.1%	-10.5%	-13.1%
	2028/29	1.7%	1.5%	-1.9%	2.9%	1.0%	0.7%	-0.4%	0.9%	0.1%	-0.6%	1.2%	1.7%	0.6%	2.9%	0.4%	-0.6%	-0.3%	0.7%	0.1%	1.0%	1.9%
	2017/18	13.7%	9.3%	5.3%	18.9%	8.5%	11.3%	7.4%	12.8%	22.9%	10.5%	12.0%	9.7%	8.0%	16.8%	11.8%	11.3%	12.6%	10.1%	9.6%	10.8%	5.2%
	2018/19	5.7%	5.8%	2.5%	10.3%	4.3%	3.2%	3.1%	5.3%	6.3%	1.9%	6.0%	5.7%	5.7%	-0.8%	2.4%	1.9%	2.3%	3.7%	1.6%	4.7%	2.4%
	2019/20	5.2%	5.2%	2.1%	11.6%	4.0%	2.9%	2.9%	4.4%	4.6%	1.5%	5.9%	6.0%	4.2%	1.2%	3.3%	2.9%	2.5%	3.2%	2.2%	4.5%	2.8%
	2020/21	1.5%	1.4%	-1.0%	2.3%	0.8%	-0.1%	-0.2%	0.7%	-1.0%	-1.3%	2.0%	2.9%	0.0%	-0.2%	0.5%	-0.1%	-0.7%	-0.7%	-0.2%	0.8%	2.2%
	2021/22	2.1%	1.8%	-1.2%	3.0%	1.2%	0.6%	0.1%	0.9%	0.3%	-0.7%	2.9%	2.4%	0.0%	2.4%	1.2%	1.1%	0.6%	0.8%	0.6%	1.3%	2.6%
	2022/23	6.3%	5.3%	4.6%	8.8%	5.7%	6.9%	4.8%	5.7%	6.9%	6.4%	7.4%	6.4%	3.8%	11.3%	7.9%	8.3%	7.6%	5.9%	7.4%	6.3%	5.3%
	2023/24	9.1%	8.2%	7.6%	10.6%	8.7%	9.2%	7.8%	8.4%	9.3%	8.7%	9.2%	9.1%	7.5%	11.7%	9.6%	9.5%	9.3%	9.2%	9.0%	8.8%	5.3%
	2024/25	4.6%	4.2%	2.1%	6.6%	3.9%	2.6%	2.3%	3.0%	2.3%	1.2%	4.3%	4.0%	3.0%	2.3%	2.7%	2.2%	2.1%	3.8%	2.2%	3.6%	3.7%
2025/26	5.4%	4.6%	1.8%	10.1%	4.5%	3.6%	2.6%	3.7%	2.9%	2.2%	5.1%	4.4%	2.8%	6.0%	3.9%	4.4%	3.8%	4.7%	3.7%	4.4%	4.6%	
2026/27	5.1%	4.4%	4.5%	5.7%	4.7%	4.2%	3.3%	4.2%	3.9%	3.2%	4.6%	4.9%	3.8%	3.9%	4.3%	4.1%	4.0%	4.8%	4.0%	4.5%	3.7%	
2027/28	-3.3%	-1.2%	-3.7%	-9.0%	-4.0%	-11.6%	-8.0%	-6.6%	-12.9%	-15.3%	-5.8%	-3.5%	-0.9%	-30.5%	-14.9%	-18.9%	-16.9%	-8.6%	-15.4%	-6.9%	-11.8%	
2028/29	3.5%	3.2%	0.0%	4.7%	3.0%	3.1%	1.5%	2.7%	2.7%	2.5%	3.1%	3.5%	2.8%	7.9%	2.9%	2.0%	2.1%	2.9%	2.1%	3.0%	3.3%	

Figure 5.1: Households – Endeavour Energy Total – growth rates (%)

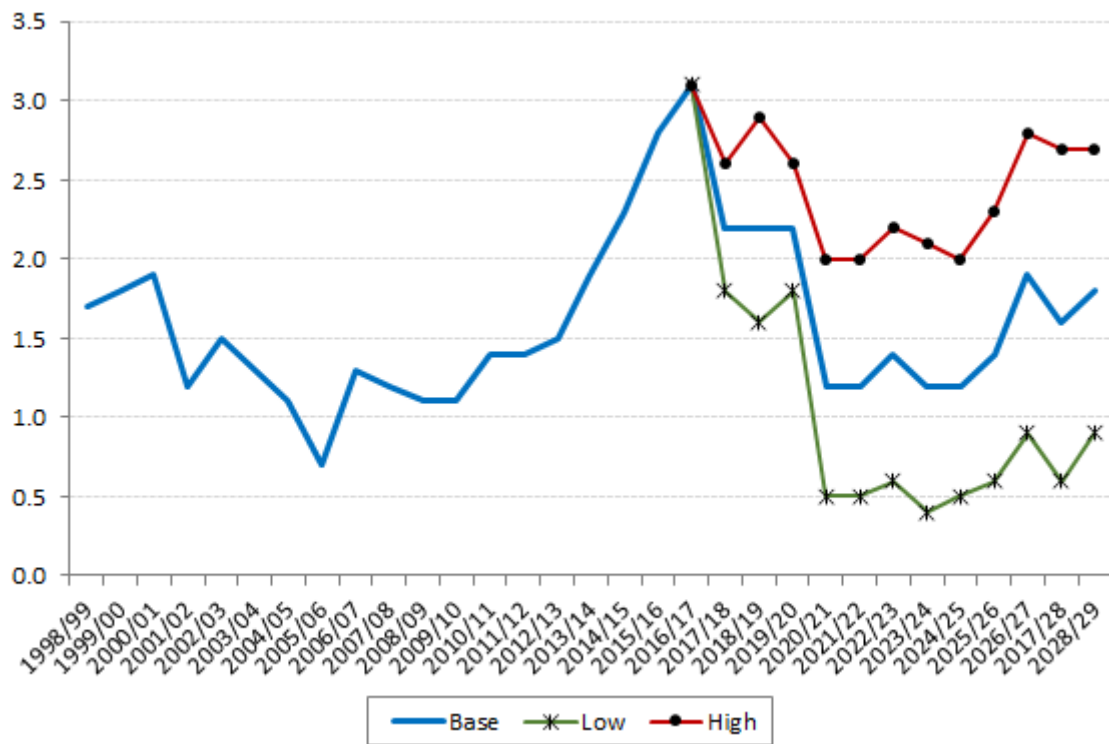


Figure 5.2: Households – New South Wales – growth rates (%)

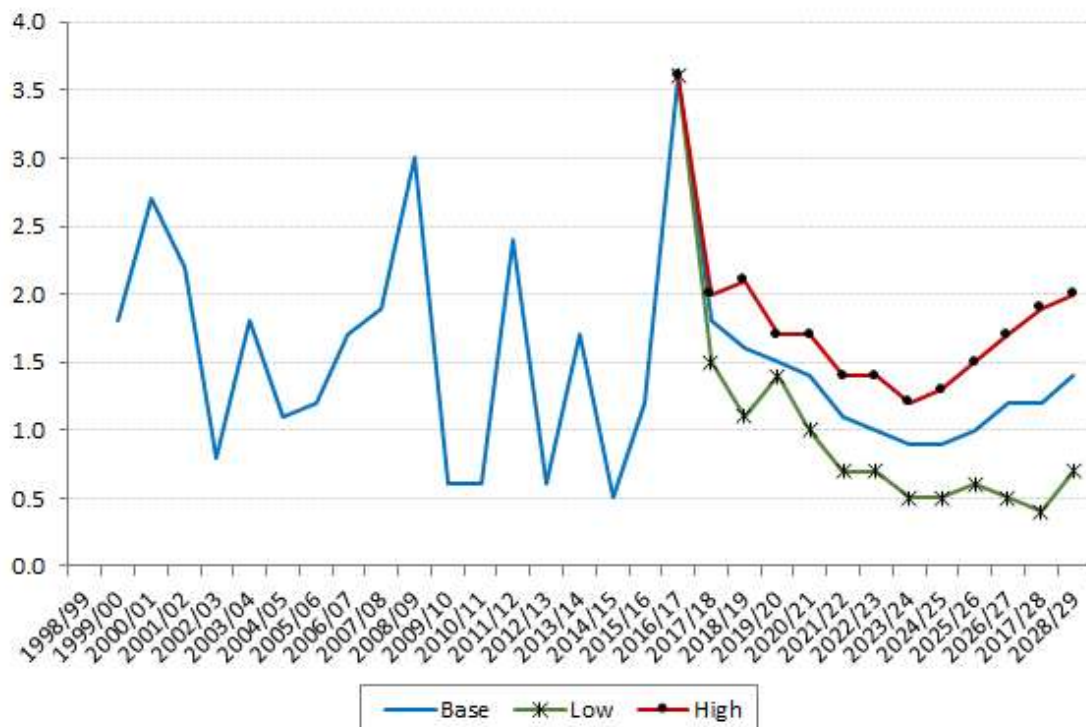


Figure 5.3: Population – Endeavour Energy Total – growth rates (%)

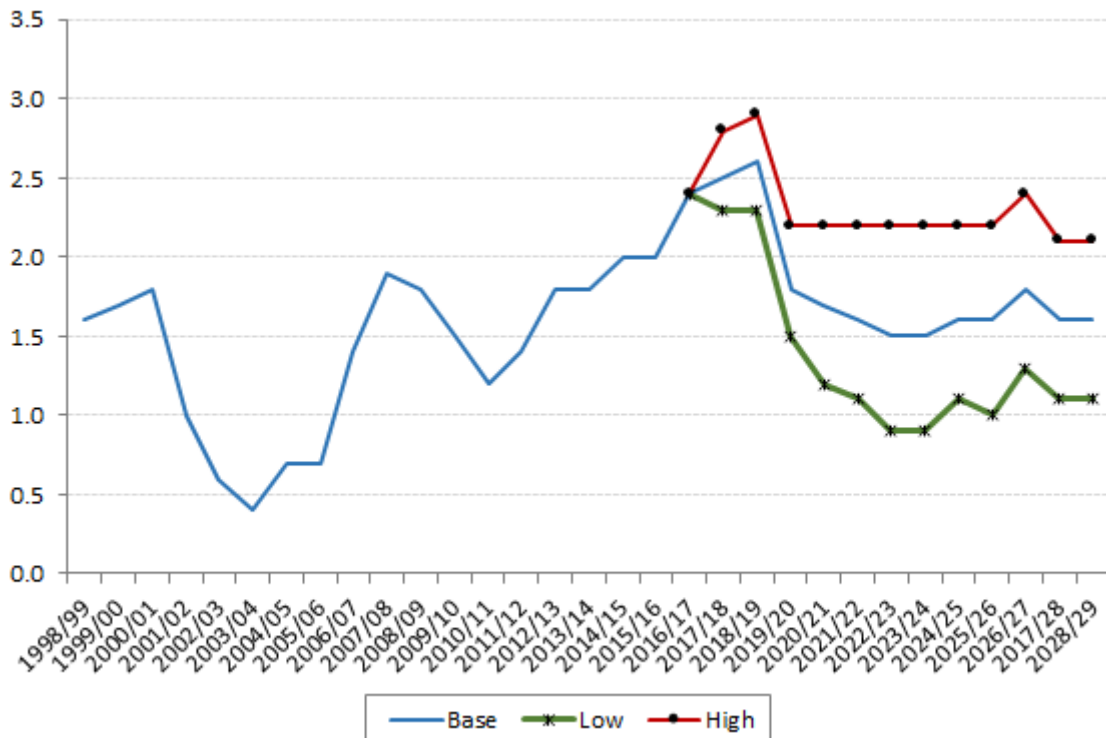


Figure 5.4: Population – New South Wales – growth rates (%)

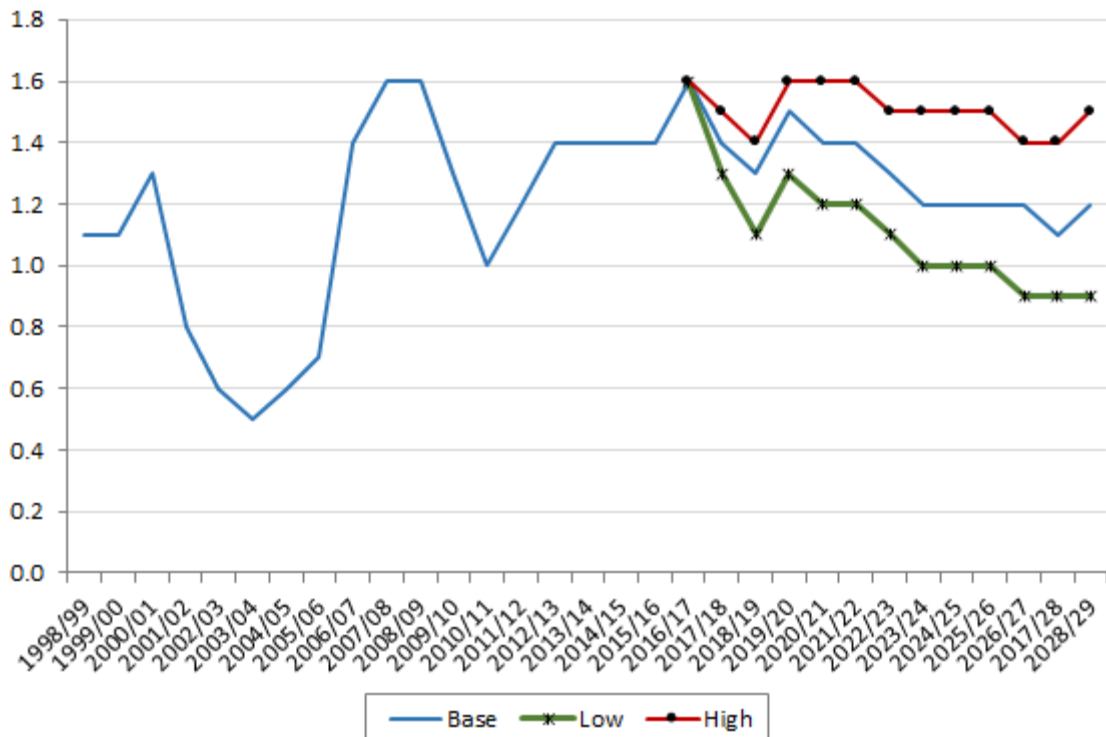


Figure 5.5: Employment – Endeavour Energy Total – growth rates (%)

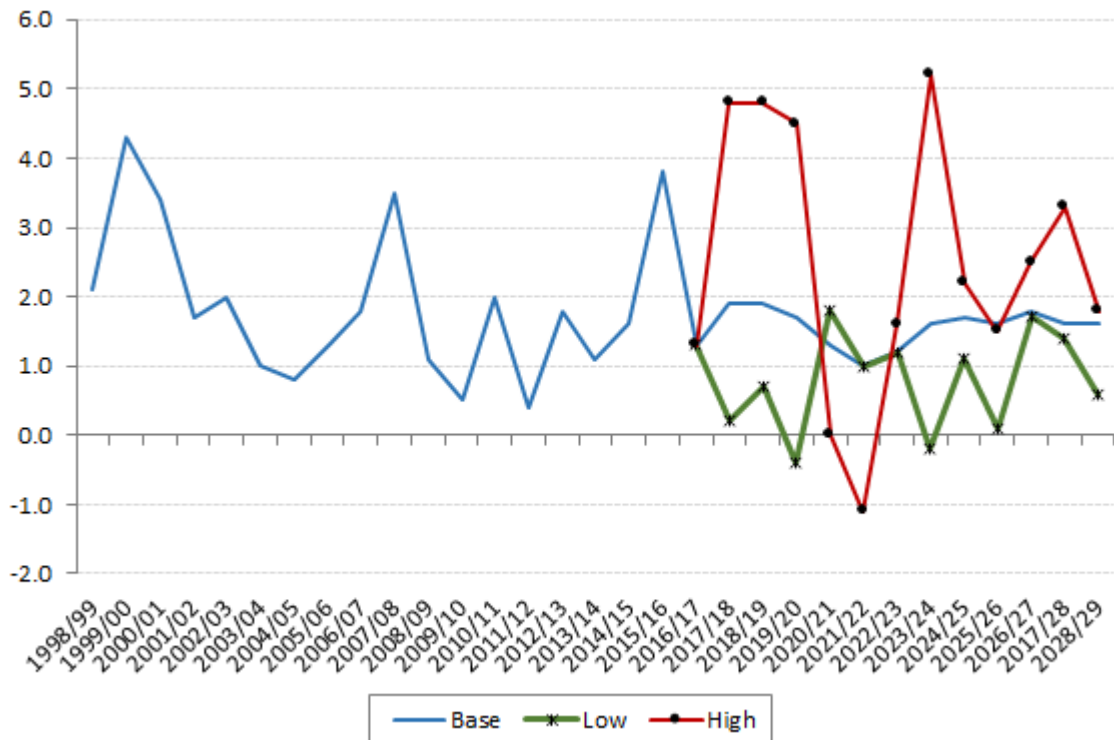
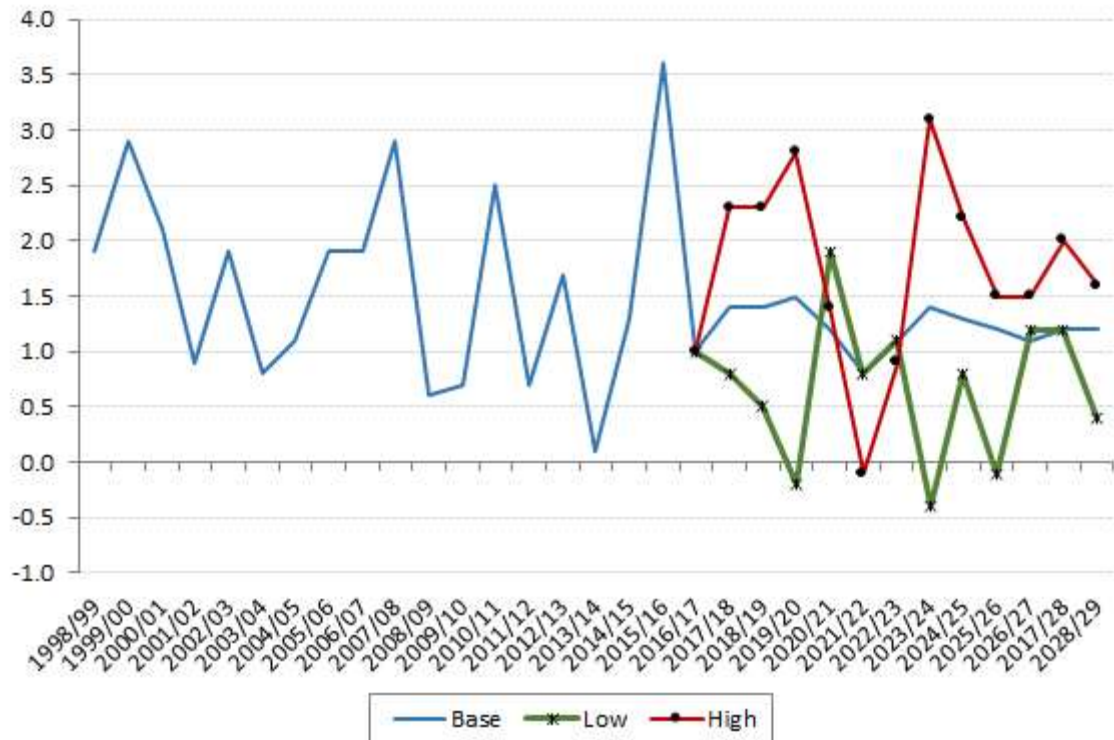


Figure 5.6: Employment – New South Wales – growth rates (%)





## **Appendix A**

### **Additional data**

Table A.1 Industry employment by one digit ANZSIC(06) industries (number)													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Baulkham Hills</b>													
Agriculture, forestry and fishing	897	854	818	794	746	704	658	624	631	646	646	667	682
Mining	120	131	145	143	131	116	104	94	95	92	90	90	89
Manufacturing	5739	5806	5897	6014	5974	5902	5945	5983	6013	5514	5358	5694	5859
Electricity, gas, water and waste services	217	227	237	248	252	257	268	267	265	258	249	243	257
Construction	7352	7161	7336	7734	7675	7307	7355	7968	8450	8840	9459	10516	12109
Wholesale trade	4731	4872	4953	4928	4789	4639	4581	4386	4243	4460	4589	4614	4842
Retail trade	11563	11596	11754	12210	12502	13014	13422	13495	13771	14102	14164	14796	15092
Accommodation and food services	3404	3363	3384	3542	3678	3925	4107	4145	4257	4422	4373	4249	4350
Transport, postal and warehousing	903	937	967	990	996	1010	1033	1019	1018	1552	2642	2698	2714
Information media and telecommunications	627	606	608	657	696	739	793	803	795	797	802	794	784
Financial and insurance services	2047	2091	2161	2294	2388	2482	2621	2639	2598	2599	2629	2579	2547
Rental, hiring and real estate services	1192	1217	1237	1253	1250	1259	1278	1265	1266	1280	1312	1308	1293
Professional, scientific and technical services	6011	6100	6298	6730	7036	7370	7834	7953	7889	7893	7989	7891	7750
Administrative and support services	1837	1849	1871	1931	1967	2038	2102	2106	2111	2152	2200	2205	2194
Public administration and safety	1330	1402	1462	1504	1513	1519	1551	1547	1548	1564	1614	1617	1591
Education and training	5319	5450	5589	5801	5944	6209	6447	6463	6544	7056	7144	7208	7206
Health care and social assistance	4952	5055	5245	5652	6004	6474	6924	7109	7306	8026	8088	8074	9023
Arts and recreation services	770	770	784	823	856	911	956	950	995	1022	973	917	899
Other services	2833	2865	2932	3074	3169	3300	3451	3485	3537	3608	3651	3730	3734
<b>Total</b>	<b>61845</b>	<b>62353</b>	<b>63677</b>	<b>66322</b>	<b>67564</b>	<b>69177</b>	<b>71429</b>	<b>72302</b>	<b>73333</b>	<b>75883</b>	<b>77973</b>	<b>79889</b>	<b>83015</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Blacktown</b>													
Agriculture, forestry and fishing	652	625	596	582	551	522	490	466	468	475	485	489	501
Mining	238	256	259	225	174	125	81	52	53	53	55	55	55
Manufacturing	17435	17623	17738	17746	17246	16604	16281	16100	17156	16716	16625	17777	19371
Electricity, gas, water and waste services	2349	2477	2637	2857	2998	3109	3296	3339	3319	3292	3266	3267	3262
Construction	9189	9228	9233	9330	9597	9572	9562	9860	10117	10251	10685	11141	11460
Wholesale trade	7943	8054	8241	8595	8721	8755	8976	9083	10693	11308	12144	13176	13535
Retail trade	11720	11717	11831	12319	12598	12946	13211	13044	12888	12858	12973	14823	15720
Accommodation and food services	4856	4760	4772	5058	5298	5631	5866	5956	6050	6339	6673	6529	6371
Transport, postal and warehousing	8220	8599	9029	9594	9937	10219	10700	10827	11002	11174	11367	11245	11607
Information media and telecommunications	646	621	611	629	633	632	637	620	611	606	608	628	638
Financial and insurance services	1550	1551	1530	1488	1405	1304	1221	1129	1102	1091	1094	1119	1127
Rental, hiring and real estate services	1367	1378	1393	1420	1412	1396	1399	1367	1358	1350	1379	1441	1466
Professional, scientific and technical services	2464	2457	2493	2632	2712	2770	2872	2857	2809	2792	2813	2903	2954
Administrative and support services	3184	3162	3165	3261	3299	3350	3401	3365	3348	3371	3437	3610	3715
Public administration and safety	4367	4594	4759	4849	4814	4742	4737	4624	4583	4578	4678	4868	4928
Education and training	8108	8280	8503	8909	9161	9458	9761	9776	9945	10041	10158	10610	10750
Health care and social assistance	7243	7408	7680	8274	8755	9307	9852	10020	10032	10099	11422	13592	13432
Arts and recreation services	722	705	715	774	822	878	931	949	969	1004	1189	1253	1213
Other services	3908	3917	3994	4222	4359	4483	4667	4721	4813	4901	5007	5156	5181
<b>Total</b>	<b>96161</b>	<b>97411</b>	<b>99178</b>	<b>102762</b>	<b>104492</b>	<b>105803</b>	<b>107943</b>	<b>108154</b>	<b>111317</b>	<b>112300</b>	<b>116057</b>	<b>123682</b>	<b>127286</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Blue Mountains</b>													
Agriculture, forestry and fishing	264	253	244	244	238	232	225	216	220	218	215	210	208
Mining	5	5	5	5	5	5	6	6	6	6	6	6	6
Manufacturing	553	543	536	546	543	537	532	522	520	483	487	502	508
Electricity, gas, water and waste services	138	141	141	136	129	121	114	107	112	109	104	101	97
Construction	1459	1403	1324	1269	1350	1391	1458	1509	1493	1434	1417	1427	1324
Wholesale trade	331	328	325	329	327	326	329	317	309	317	324	316	307
Retail trade	2707	2684	2656	2680	2664	2689	2656	2687	3105	3242	3319	3293	3213
Accommodation and food services	2411	2311	2260	2324	2355	2430	2454	2420	2445	2489	2472	2442	2390
Transport, postal and warehousing	646	656	660	673	672	672	678	661	658	648	635	621	597
Information media and telecommunications	214	200	197	214	230	247	263	261	254	249	244	241	238
Financial and insurance services	305	299	292	296	295	292	292	281	272	266	268	270	268
Rental, hiring and real estate services	372	369	366	372	369	367	365	351	344	336	326	322	320
Professional, scientific and technical services	1118	1094	1089	1154	1199	1248	1299	1281	1241	1216	1175	1172	1165
Administrative and support services	619	600	597	630	656	691	716	714	712	705	683	670	657
Public administration and safety	1118	1149	1169	1204	1213	1222	1242	1211	1185	1160	1146	1146	1126
Education and training	2087	2096	2108	2196	2248	2321	2377	2361	2387	2447	2428	2390	2340
Health care and social assistance	3102	3089	3083	3203	3284	3422	3496	3462	3542	3559	3439	3315	3186
Arts and recreation services	424	409	410	446	475	511	542	557	653	669	692	716	664
Other services	864	851	846	877	894	917	932	928	937	948	955	962	953
<b>Total</b>	<b>18738</b>	<b>18480</b>	<b>18307</b>	<b>18799</b>	<b>19145</b>	<b>19643</b>	<b>19976</b>	<b>19853</b>	<b>20393</b>	<b>20504</b>	<b>20336</b>	<b>20122</b>	<b>19567</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Camden</b>													
Agriculture, forestry and fishing	463	440	429	450	447	453	459	477	575	598	615	632	654
Mining	31	32	32	34	33	33	34	34	34	34	36	37	36
Manufacturing	1679	1701	1748	1838	1844	1845	1886	1937	1984	1894	1904	2079	2230
Electricity, gas, water and waste services	199	210	228	258	279	300	330	344	344	355	438	571	785
Construction	1745	1841	2039	2222	2382	2527	2871	3097	3308	3520	3800	4156	4142
Wholesale trade	712	720	745	806	831	857	898	910	974	1085	1187	1224	1490
Retail trade	2964	2981	3014	3128	3116	3185	3217	3212	3365	3612	4017	4284	5437
Accommodation and food services	1293	1277	1288	1374	1408	1506	1564	1600	1619	1674	1703	1687	1669
Transport, postal and warehousing	1151	1202	1238	1256	1216	1190	1182	1164	1164	1155	1156	1243	1295
Information media and telecommunications	98	93	92	102	110	120	129	133	133	137	139	142	157
Financial and insurance services	301	305	313	330	332	339	349	347	340	349	348	348	388
Rental, hiring and real estate services	352	358	370	395	403	416	432	435	435	449	456	463	526
Professional, scientific and technical services	737	736	752	816	843	888	935	949	937	970	975	976	1111
Administrative and support services	439	436	444	478	493	523	548	559	559	584	595	608	698
Public administration and safety	549	578	606	641	651	666	694	701	696	718	726	730	819
Education and training	1702	1737	1790	1907	1946	2030	2105	2130	2166	2547	3065	3257	3385
Health care and social assistance	1733	1759	1808	1932	1982	2086	2175	2232	2579	2742	2870	3193	3144
Arts and recreation services	256	255	265	296	315	346	375	392	386	390	394	408	412
Other services	900	913	939	1000	1016	1049	1091	1113	1132	1165	1213	1264	1285
<b>Total</b>	<b>17304</b>	<b>17573</b>	<b>18141</b>	<b>19262</b>	<b>19648</b>	<b>20358</b>	<b>21272</b>	<b>21766</b>	<b>22729</b>	<b>23976</b>	<b>25636</b>	<b>27302</b>	<b>29663</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Campbelltown</b>													
Agriculture, forestry and fishing	107	100	94	93	89	86	83	80	80	80	92	136	306
Mining	180	198	214	227	224	218	217	214	216	216	222	228	225
Manufacturing	7892	7889	7925	8062	7893	7640	7571	7565	7970	7464	7385	7839	8198
Electricity, gas, water and waste services	130	133	146	176	201	226	261	290	333	337	362	430	483
Construction	1687	1788	1863	1897	1929	1963	1997	2026	2040	2049	2081	2127	2137
Wholesale trade	2008	2028	2048	2084	2047	1992	1989	1956	1931	1999	2162	2400	2464
Retail trade	6856	6739	6628	6642	6474	6390	6286	6189	6097	6201	6178	6334	6467
Accommodation and food services	3220	3078	3031	3195	3296	3471	3603	3677	3689	3764	3761	3665	3534
Transport, postal and warehousing	2186	2268	2337	2405	2394	2374	2413	2407	2398	2433	2446	2679	2671
Information media and telecommunications	388	369	361	378	382	387	397	396	386	385	379	381	383
Financial and insurance services	706	695	690	712	709	705	717	708	686	684	672	670	670
Rental, hiring and real estate services	817	812	817	845	843	840	852	845	833	835	833	844	849
Professional, scientific and technical services	1338	1317	1318	1382	1402	1421	1466	1463	1426	1430	1409	1405	1410
Administrative and support services	1060	1048	1053	1107	1129	1162	1201	1208	1188	1202	1192	1203	1216
Public administration and safety	2388	2466	2525	2592	2566	2535	2558	2534	2496	2517	2514	2539	2544
Education and training	5232	5269	5332	5549	5604	5696	5818	5854	5892	5928	5960	6063	6096
Health care and social assistance	4690	4744	4877	5262	5509	5826	6163	6318	6313	6427	7214	7954	7827
Arts and recreation services	387	377	376	394	402	416	430	439	443	458	486	476	466
Other services	1815	1801	1806	1865	1861	1858	1886	1893	1912	1941	1990	2050	2056
<b>Total</b>	<b>43086</b>	<b>43118</b>	<b>43441</b>	<b>44865</b>	<b>44953</b>	<b>45207</b>	<b>45908</b>	<b>46062</b>	<b>46329</b>	<b>46350</b>	<b>47337</b>	<b>49424</b>	<b>50003</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Fairfield</b>													
Agriculture, forestry and fishing	360	336	317	321	311	297	286	281	284	310	346	353	360
Mining	31	33	35	43	49	54	57	56	57	56	56	56	56
Manufacturing	14617	14499	14423	14469	14002	13313	12996	12667	12583	11636	11424	12079	12516
Electricity, gas, water and waste services	499	504	512	514	497	469	451	425	417	459	501	533	538
Construction	5120	5362	5471	5371	5235	5508	5475	5038	5115	5099	5289	5457	5718
Wholesale trade	5379	5404	5443	5547	5465	5299	5283	5266	5541	5717	5769	6137	6127
Retail trade	6528	6446	6455	6749	6833	6853	6955	7037	6953	7122	7148	8619	8735
Accommodation and food services	3659	3517	3513	3823	4036	4238	4471	4657	4711	4766	4631	4557	4449
Transport, postal and warehousing	3601	3741	3878	4045	4074	4045	4127	4144	4150	4069	4006	4149	4454
Information media and telecommunications	281	267	267	293	307	314	330	337	335	332	324	327	327
Financial and insurance services	908	904	905	930	922	892	891	883	876	868	852	854	850
Rental, hiring and real estate services	859	852	852	871	858	828	824	822	829	826	824	844	849
Professional, scientific and technical services	1505	1481	1491	1586	1628	1637	1696	1730	1727	1721	1688	1704	1710
Administrative and support services	1591	1557	1567	1682	1749	1801	1884	1946	1965	1977	1963	2016	2043
Public administration and safety	2346	2427	2500	2595	2598	2563	2593	2614	2630	2634	2646	2702	2702
Education and training	4492	4495	4575	4877	5040	5170	5376	5551	5701	5801	5865	6031	6102
Health care and social assistance	4803	4836	4922	5204	5333	5412	5576	5673	5776	5840	5758	5869	5777
Arts and recreation services	476	460	458	484	495	503	515	529	554	648	648	639	645
Other services	2854	2821	2825	2938	2950	2921	2967	3001	3056	3100	3123	3244	3279
<b>Total</b>	<b>59909</b>	<b>59942</b>	<b>60408</b>	<b>62345</b>	<b>62382</b>	<b>62117</b>	<b>62751</b>	<b>62657</b>	<b>63261</b>	<b>62980</b>	<b>62860</b>	<b>66170</b>	<b>67238</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Hawkesbury</b>													
Agriculture, forestry and fishing	1436	1386	1378	1431	1426	1410	1393	1389	1492	1636	1755	2101	2214
Mining	18	18	19	19	18	17	16	14	14	15	15	15	15
Manufacturing	3129	3170	3231	3279	3229	3144	3110	3039	3093	2898	2996	3170	3352
Electricity, gas, water and waste services	138	139	145	156	164	170	178	180	186	182	173	185	187
Construction	2956	2940	2665	2482	2506	2575	2597	2689	2715	2668	2639	2676	2691
Wholesale trade	797	795	813	851	864	867	885	874	875	871	869	902	884
Retail trade	2833	2823	2857	2944	2963	2997	3003	2936	2887	2848	2715	2659	2608
Accommodation and food services	1722	1667	1676	1782	1853	1950	2013	2021	2041	2101	2112	2051	2027
Transport, postal and warehousing	862	890	923	952	953	949	955	935	932	918	931	994	961
Information media and telecommunications	417	408	412	432	440	445	451	438	425	416	400	388	384
Financial and insurance services	311	306	304	310	307	301	298	285	275	269	259	257	257
Rental, hiring and real estate services	414	402	401	407	402	395	389	374	368	362	353	348	341
Professional, scientific and technical services	1053	1038	1041	1070	1069	1062	1059	1022	995	979	944	919	902
Administrative and support services	550	546	559	597	622	650	675	674	665	661	646	640	633
Public administration and safety	2817	2931	3063	3177	3195	3182	3241	3169	3116	3068	3038	3001	2889
Education and training	2079	2101	2160	2268	2324	2385	2442	2440	2531	2665	2695	2712	2724
Health care and social assistance	2164	2186	2252	2391	2481	2588	2674	2683	2685	2913	3346	3276	3186
Arts and recreation services	407	388	386	404	412	422	428	416	400	417	448	441	456
Other services	1120	1129	1164	1234	1272	1303	1347	1353	1372	1398	1414	1439	1450
<b>Total</b>	<b>25223</b>	<b>25263</b>	<b>25447</b>	<b>26186</b>	<b>26500</b>	<b>26811</b>	<b>27154</b>	<b>26933</b>	<b>27067</b>	<b>27283</b>	<b>27750</b>	<b>28174</b>	<b>28163</b>



Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Holroyd</b>													
Agriculture, forestry and fishing	60	57	55	57	58	59	62	62	63	63	63	63	62
Mining	27	31	30	25	19	13	5	0	0	0	0	0	0
Manufacturing	12879	12861	12700	12293	11481	10562	9959	9485	9442	8740	8656	9189	9469
Electricity, gas, water and waste services	245	249	251	250	244	238	240	238	233	228	272	277	276
Construction	3312	3416	3438	3408	3511	3469	3574	3758	3733	3676	3767	3993	4354
Wholesale trade	4420	4481	4501	4461	4279	4044	3929	3831	3893	3961	4070	4562	4794
Retail trade	4037	4016	4014	4078	4025	3981	3953	4364	5442	5377	5223	5194	4971
Accommodation and food services	1720	1678	1670	1733	1752	1792	1821	1827	1860	1896	1887	1865	1953
Transport, postal and warehousing	4009	4198	4378	4553	4585	4565	4663	4660	4672	4583	4593	4772	4576
Information media and telecommunications	186	176	171	171	166	159	156	150	150	147	146	149	147
Financial and insurance services	396	398	404	424	431	433	446	446	441	433	430	438	425
Rental, hiring and real estate services	452	457	465	476	473	466	469	464	467	461	467	487	475
Professional, scientific and technical services	1171	1159	1160	1195	1188	1170	1174	1155	1153	1141	1137	1169	1139
Administrative and support services	796	783	780	799	795	791	793	788	797	798	804	844	834
Public administration and safety	1000	1046	1087	1127	1132	1127	1146	1143	1149	1139	1151	1197	1168
Education and training	1979	2004	2044	2126	2155	2194	2248	2271	2319	2338	2341	2367	2349
Health care and social assistance	2631	2654	2684	2754	2747	2744	2747	2720	2930	3179	3168	3196	3168
Arts and recreation services	156	149	147	151	149	147	143	145	249	338	335	322	294
Other services	1610	1601	1618	1691	1711	1720	1761	1775	1813	1842	1880	1941	1941
<b>Total</b>	<b>41085</b>	<b>41415</b>	<b>41597</b>	<b>41773</b>	<b>40901</b>	<b>39676</b>	<b>39288</b>	<b>39282</b>	<b>40806</b>	<b>40341</b>	<b>40391</b>	<b>42024</b>	<b>42395</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Kiama</b>													
Agriculture, forestry and fishing	180	182	180	194	205	209	217	219	222	218	216	222	197
Mining	0	0	0	1	2	2	3	4	4	4	4	4	4
Manufacturing	161	160	156	153	150	142	138	136	136	123	120	124	117
Electricity, gas, water and waste services	14	13	14	15	17	18	19	20	19	18	17	17	16
Construction	471	479	515	531	521	575	635	608	651	779	840	978	1562
Wholesale trade	80	77	75	81	85	85	89	91	89	86	83	84	83
Retail trade	724	732	733	740	743	726	719	703	675	641	625	645	653
Accommodation and food services	806	813	823	859	893	909	937	952	962	954	933	923	904
Transport, postal and warehousing	206	216	223	230	235	230	234	234	233	224	217	214	198
Information media and telecommunications	59	59	58	60	61	58	58	66	64	61	57	57	55
Financial and insurance services	122	127	128	124	120	113	111	109	108	106	105	109	109
Rental, hiring and real estate services	125	130	133	136	138	135	135	134	133	128	124	125	126
Professional, scientific and technical services	278	283	288	302	313	311	321	322	313	299	289	297	300
Administrative and support services	134	135	140	157	174	187	206	216	213	206	197	196	185
Public administration and safety	292	315	327	331	330	315	312	307	302	291	288	296	298
Education and training	419	439	453	472	487	488	503	507	503	488	477	483	478
Health care and social assistance	533	550	563	588	609	613	630	635	632	616	594	594	580
Arts and recreation services	105	105	111	129	147	162	180	194	186	210	253	246	219
Other services	195	202	208	220	230	233	243	248	250	248	247	253	232
<b>Total</b>	<b>4905</b>	<b>5017</b>	<b>5130</b>	<b>5324</b>	<b>5459</b>	<b>5510</b>	<b>5690</b>	<b>5706</b>	<b>5695</b>	<b>5701</b>	<b>5685</b>	<b>5867</b>	<b>6320</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Lithgow</b>													
Agriculture, forestry and fishing	235	244	250	256	254	254	260	249	250	282	328	353	355
Mining	917	986	1063	1161	1195	1245	1346	1323	1315	1301	1304	1341	1291
Manufacturing	577	605	618	617	606	600	613	578	572	565	553	584	601
Electricity, gas, water and waste services	423	446	458	462	459	456	471	450	444	440	455	612	667
Construction	651	599	567	716	840	786	605	546	556	534	496	478	499
Wholesale trade	136	132	132	140	149	158	172	184	196	191	189	194	187
Retail trade	820	834	831	825	809	810	818	760	770	796	762	764	738
Accommodation and food services	623	606	600	625	647	688	731	715	718	729	728	730	715
Transport, postal and warehousing	399	396	395	413	424	439	467	452	447	440	424	420	402
Information media and telecommunications	77	80	76	74	72	71	72	68	67	69	69	70	69
Financial and insurance services	146	149	149	147	144	143	145	138	136	140	139	142	139
Rental, hiring and real estate services	82	83	82	84	85	86	90	85	84	89	89	92	89
Professional, scientific and technical services	205	209	211	218	221	225	235	224	217	231	229	232	225
Administrative and support services	208	214	221	232	241	254	272	264	257	276	276	283	276
Public administration and safety	634	671	703	743	767	796	851	828	808	864	870	890	860
Education and training	497	506	516	545	565	594	632	623	629	659	678	697	680
Health care and social assistance	696	714	728	763	790	836	889	863	847	844	813	817	810
Arts and recreation services	69	68	67	68	69	70	72	72	80	84	81	81	79
Other services	233	237	243	259	270	287	311	305	305	309	308	320	315
<b>Total</b>	<b>7630</b>	<b>7777</b>	<b>7909</b>	<b>8348</b>	<b>8606</b>	<b>8801</b>	<b>9052</b>	<b>8728</b>	<b>8699</b>	<b>8844</b>	<b>8791</b>	<b>9099</b>	<b>8999</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Liverpool</b>													
Agriculture, forestry and fishing	809	782	769	808	816	805	806	825	843	872	884	908	926
Mining	20	21	25	31	36	37	40	41	42	42	42	43	43
Manufacturing	10853	10773	10779	11013	10840	10471	10394	10461	10524	10041	9949	10573	10938
Electricity, gas, water and waste services	766	782	806	845	853	850	871	898	948	918	886	889	870
Construction	4928	5446	5815	6024	5712	5955	5976	5470	5700	6170	6404	6628	7026
Wholesale trade	3284	3291	3378	3638	3771	3833	3999	4376	4715	4829	4962	5145	5112
Retail trade	7332	7243	7206	7451	7494	7451	7471	7463	7479	7604	7592	8096	8284
Accommodation and food services	2594	2488	2473	2703	2887	3055	3226	3390	3441	3472	3427	3586	3591
Transport, postal and warehousing	4244	4403	4551	4743	4785	4749	4842	4885	4890	4850	5211	5234	5314
Information media and telecommunications	709	687	671	670	647	612	594	578	578	570	556	548	542
Financial and insurance services	988	981	973	986	966	924	909	891	886	875	853	835	824
Rental, hiring and real estate services	1006	992	999	1057	1080	1081	1109	1122	1137	1131	1125	1124	1117
Professional, scientific and technical services	2208	2162	2150	2246	2270	2247	2276	2288	2296	2278	2229	2200	2185
Administrative and support services	2335	2322	2376	2607	2773	2913	3111	3234	3263	3255	3213	3200	3184
Public administration and safety	4674	4761	4958	5414	5695	5877	6236	6420	6497	6463	6464	6451	6340
Education and training	5024	5028	5122	5495	5717	5903	6153	6358	6412	6421	6404	6627	6752
Health care and social assistance	8220	8364	8577	9122	9425	9645	10002	10261	10351	10277	10040	10331	10305
Arts and recreation services	548	539	542	580	606	626	651	665	661	666	655	658	738
Other services	2556	2530	2530	2622	2632	2600	2628	2666	2717	2748	2785	2911	2955
<b>Total</b>	<b>63098</b>	<b>63594</b>	<b>64699</b>	<b>68055</b>	<b>69002</b>	<b>69635</b>	<b>71292</b>	<b>72292</b>	<b>73384</b>	<b>73480</b>	<b>73681</b>	<b>75984</b>	<b>77045</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Parramatta</b>													
Agriculture, forestry and fishing	110	107	103	99	91	82	75	69	74	79	91	243	265
Mining	90	97	99	104	104	101	99	94	96	97	99	101	100
Manufacturing	13364	13484	13550	13464	12950	12330	12042	11787	11891	11023	10989	11506	12022
Electricity, gas, water and waste services	454	467	613	986	1332	1658	2025	2217	2192	2122	2028	1991	1954
Construction	7296	7568	7680	7485	7461	7183	7292	7495	7756	8014	8122	8705	9030
Wholesale trade	6091	6251	6337	6289	6053	5753	5618	5419	5433	5419	5413	5427	5295
Retail trade	9115	9132	9086	8957	8583	8208	7911	7682	7802	7848	8010	7981	7916
Accommodation and food services	4483	4414	4404	4527	4538	4582	4627	4615	4674	4733	4932	6044	6042
Transport, postal and warehousing	5077	5188	5323	5507	5528	5507	5625	5620	5660	5741	5721	5625	5423
Information media and telecommunications	2683	2635	2542	2377	2127	1849	1612	1427	1483	1453	1432	1425	1464
Financial and insurance services	9895	9971	10168	10624	10770	10776	11075	11052	11412	11237	11096	10994	11248
Rental, hiring and real estate services	1801	1829	1855	1875	1840	1791	1785	1761	1849	1835	1848	1866	1928
Professional, scientific and technical services	6255	6237	6332	6646	6763	6816	7035	7063	7346	7266	7222	7199	7420
Administrative and support services	3528	3551	3636	3845	3954	4057	4226	4293	4496	4482	4493	4541	4724
Public administration and safety	12248	12881	13678	14818	15569	16232	17311	17818	18684	18596	18715	18879	19406
Education and training	5240	5301	5439	5746	5923	6123	6397	6486	6581	6602	6710	7221	7334
Health care and social assistance	16958	17527	18143	18928	19260	19607	20164	20262	20370	20389	20281	20056	19506
Arts and recreation services	1085	1066	1065	1101	1108	1120	1144	1134	1150	1200	1229	1176	1132
Other services	4132	4132	4155	4223	4171	4100	4107	4072	4148	4209	4314	4449	4467
<b>Total</b>	<b>109906</b>	<b>111840</b>	<b>114211</b>	<b>117601</b>	<b>118125</b>	<b>117876</b>	<b>120170</b>	<b>120369</b>	<b>123100</b>	<b>122346</b>	<b>122746</b>	<b>125429</b>	<b>126675</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Penrith</b>													
Agriculture, forestry and fishing	695	665	646	667	669	671	670	698	797	842	863	894	1010
Mining	207	216	228	235	234	231	233	225	229	232	237	240	238
Manufacturing	7901	7967	8043	8177	8083	7922	7857	7798	7961	7532	7577	9567	10344
Electricity, gas, water and waste services	977	1003	1030	1056	1052	1037	1039	1022	1133	1129	1116	1112	1144
Construction	5712	5677	5777	5783	5838	5544	5343	5442	5496	5498	5636	5643	5491
Wholesale trade	2090	2103	2161	2322	2426	2505	2621	2641	2786	2995	3318	3712	3690
Retail trade	9252	9196	9105	9199	9173	9255	9193	8972	9049	9184	9398	9493	9484
Accommodation and food services	4765	4631	4564	4756	4921	5212	5360	5380	5461	5581	5523	5402	5227
Transport, postal and warehousing	2759	2853	2975	3192	3348	3500	3689	3729	3741	3687	3760	3807	3634
Information media and telecommunications	597	561	538	540	530	518	513	498	497	500	492	500	491
Financial and insurance services	969	965	961	987	997	1003	1020	1005	996	1006	988	998	976
Rental, hiring and real estate services	1040	1035	1041	1081	1100	1116	1138	1128	1139	1157	1159	1196	1180
Professional, scientific and technical services	2292	2246	2229	2316	2362	2408	2465	2442	2439	2481	2448	2484	2446
Administrative and support services	1535	1509	1513	1612	1693	1794	1884	1911	1932	1986	1983	2054	2045
Public administration and safety	4497	4705	4918	5207	5386	5551	5779	5807	5842	5960	5975	6142	6030
Education and training	6335	6466	6622	6925	7116	7353	7568	7593	7780	7975	8069	8335	8348
Health care and social assistance	7557	7758	7958	8335	8603	8962	9263	9354	9495	9532	9437	9427	9439
Arts and recreation services	870	833	821	867	903	953	987	988	1020	1042	1023	997	931
Other services	2690	2687	2709	2825	2889	2957	3039	3043	3102	3161	3223	3295	3287
<b>Total</b>	<b>62739</b>	<b>63074</b>	<b>63839</b>	<b>66081</b>	<b>67324</b>	<b>68492</b>	<b>69661</b>	<b>69676</b>	<b>70895</b>	<b>71479</b>	<b>72224</b>	<b>75300</b>	<b>75437</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Portion of Mid-Western regional</b>													
Agriculture, forestry and fishing	174	174	170	166	158	148	142	133	136	141	141	142	136
Mining	77	85	99	123	143	162	188	199	200	201	232	236	231
Manufacturing	105	101	97	94	91	87	85	81	81	76	74	77	77
Electricity, gas, water and waste services	12	13	13	14	14	15	15	15	16	16	16	16	15
Construction	82	93	99	98	92	98	105	105	107	101	87	79	77
Wholesale trade	39	34	31	31	31	31	32	32	31	31	31	31	30
Retail trade	141	146	147	145	143	141	139	132	129	131	126	128	128
Accommodation and food services	86	87	87	90	93	97	100	99	101	102	100	98	97
Transport, postal and warehousing	39	40	38	37	38	37	38	38	40	41	41	42	41
Information media and telecommunications	9	9	8	8	9	10	11	11	11	11	10	10	10
Financial and insurance services	12	12	12	12	13	13	14	14	14	14	13	13	13
Rental, hiring and real estate services	12	12	13	14	14	15	16	16	16	16	15	15	15
Professional, scientific and technical services	38	40	41	42	43	43	44	43	42	41	40	40	40
Administrative and support services	19	19	19	21	23	24	26	27	26	26	25	26	26
Public administration and safety	40	43	44	44	45	45	45	45	45	45	44	44	44
Education and training	76	76	76	78	81	83	86	85	85	86	84	86	86
Health care and social assistance	85	88	89	92	96	100	104	104	105	108	105	105	101
Arts and recreation services	10	9	9	9	9	9	9	10	11	11	11	11	11
Other services	34	35	36	39	42	45	49	50	50	51	51	53	52
<b>Total</b>	<b>1089</b>	<b>1115</b>	<b>1129</b>	<b>1159</b>	<b>1177</b>	<b>1202</b>	<b>1249</b>	<b>1242</b>	<b>1247</b>	<b>1249</b>	<b>1247</b>	<b>1255</b>	<b>1231</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Shellharbour</b>													
Agriculture, forestry and fishing	105	102	100	102	102	96	92	89	91	92	92	93	92
Mining	132	144	159	171	175	169	173	170	173	173	176	182	177
Manufacturing	644	655	666	680	682	649	644	648	650	595	587	617	626
Electricity, gas, water and waste services	127	132	135	135	134	126	124	123	123	119	118	127	122
Construction	1357	1418	1474	1535	1473	1556	1669	1599	1703	1852	1887	1985	2210
Wholesale trade	304	299	306	339	368	380	407	421	410	402	398	400	389
Retail trade	3152	3179	3195	3221	3225	3123	3074	3033	3051	3146	3192	3438	3331
Accommodation and food services	1443	1433	1447	1515	1583	1609	1649	1683	1707	1736	1723	1716	1963
Transport, postal and warehousing	507	519	535	560	578	573	588	596	602	607	652	967	964
Information media and telecommunications	110	108	106	102	99	92	87	84	85	91	97	105	105
Financial and insurance services	248	254	260	268	274	267	270	268	269	286	307	333	331
Rental, hiring and real estate services	247	254	262	270	274	265	265	264	270	289	316	350	351
Professional, scientific and technical services	429	436	447	473	495	494	512	520	525	563	607	663	664
Administrative and support services	366	367	377	408	440	457	484	502	515	561	614	686	700
Public administration and safety	911	965	1016	1077	1124	1122	1167	1188	1206	1288	1408	1550	1523
Education and training	1817	1884	1949	2045	2125	2130	2194	2222	2235	2229	2219	2273	2247
Health care and social assistance	1746	1806	1891	2055	2216	2311	2458	2602	2689	2685	2635	2700	2867
Arts and recreation services	252	261	270	278	285	284	287	305	339	357	383	403	412
Other services	672	697	727	769	804	804	832	851	868	881	900	940	941
<b>Total</b>	<b>14569</b>	<b>14912</b>	<b>15323</b>	<b>16003</b>	<b>16455</b>	<b>16507</b>	<b>16975</b>	<b>17170</b>	<b>17511</b>	<b>17953</b>	<b>18312</b>	<b>19528</b>	<b>20014</b>



Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Shoalhaven</b>													
Agriculture, forestry and fishing	886	871	830	838	839	830	826	815	821	831	929	1026	1022
Mining	78	91	92	79	67	56	51	48	48	48	48	50	48
Manufacturing	2754	2853	2804	2806	2801	2746	2748	2719	2666	2457	2386	2605	2588
Electricity, gas, water and waste services	323	349	356	369	380	384	397	396	388	378	368	372	353
Construction	3202	2923	3023	3143	3008	3128	3342	3157	3241	3362	3425	3194	2750
Wholesale trade	735	714	668	660	653	636	630	607	581	571	550	562	543
Retail trade	4757	4900	4768	4730	4724	4706	4682	4622	4765	4861	4730	4848	4753
Accommodation and food services	2939	2935	2844	2948	3080	3231	3355	3393	3456	3657	3606	3732	3602
Transport, postal and warehousing	1064	1113	1105	1119	1136	1144	1169	1170	1154	1135	1089	1402	1560
Information media and telecommunications	394	383	358	354	351	344	341	332	324	318	304	311	303
Financial and insurance services	521	526	512	513	516	514	518	505	487	480	475	488	479
Rental, hiring and real estate services	602	628	623	635	649	652	666	657	642	633	608	630	611
Professional, scientific and technical services	1335	1364	1344	1404	1469	1517	1585	1583	1532	1510	1430	1462	1416
Administrative and support services	962	980	958	982	1015	1051	1085	1085	1062	1060	1016	1061	1040
Public administration and safety	2882	3075	3138	3281	3413	3473	3637	3638	3550	3492	3385	3501	3355
Education and training	2569	2674	2647	2693	2753	2795	2858	2848	2841	2876	2808	2890	2764
Health care and social assistance	3891	4071	4078	4284	4530	4776	5018	5082	5011	5022	4924	5054	4783
Arts and recreation services	460	477	478	506	537	567	601	611	597	603	618	627	571
Other services	1390	1454	1429	1420	1415	1397	1397	1376	1370	1389	1383	1453	1408
<b>Total</b>	<b>31744</b>	<b>32382</b>	<b>32057</b>	<b>32762</b>	<b>33337</b>	<b>33948</b>	<b>34908</b>	<b>34644</b>	<b>34536</b>	<b>34683</b>	<b>34084</b>	<b>35268</b>	<b>33951</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Wingecarribee</b>													
Agriculture, forestry and fishing	1032	1018	977	956	916	885	865	841	879	996	1015	1056	1082
Mining	100	109	116	123	124	125	130	130	131	131	130	133	128
Manufacturing	2021	2100	2116	2117	2083	2048	2072	2094	2073	1917	1831	2002	2031
Electricity, gas, water and waste services	120	125	129	135	139	144	154	159	159	157	155	155	154
Construction	1583	1670	1739	1821	1964	1896	1788	1635	1627	1629	2002	2130	2058
Wholesale trade	566	570	558	551	537	527	530	525	508	497	475	484	492
Retail trade	2363	2379	2347	2379	2392	2453	2519	2482	2366	2325	2201	2325	2365
Accommodation and food services	1683	1651	1608	1648	1678	1753	1825	1844	1848	1889	1802	1756	1699
Transport, postal and warehousing	726	740	734	731	718	712	720	715	708	699	665	656	611
Information media and telecommunications	225	210	197	193	188	186	188	185	179	177	170	172	168
Financial and insurance services	340	343	335	333	327	323	326	316	304	302	300	308	303
Rental, hiring and real estate services	373	391	395	398	397	400	410	405	396	392	367	367	360
Professional, scientific and technical services	936	940	933	972	1002	1045	1104	1109	1073	1062	994	1013	998
Administrative and support services	461	448	442	479	514	562	612	633	625	626	587	591	573
Public administration and safety	558	585	593	603	602	604	621	616	602	596	565	566	557
Education and training	1544	1571	1558	1577	1584	1616	1665	1657	1640	1659	1584	1612	1566
Health care and social assistance	2012	2032	2020	2090	2144	2248	2351	2373	2340	2438	2490	2473	2322
Arts and recreation services	220	215	214	231	244	261	281	293	284	289	315	320	313
Other services	762	764	753	764	766	776	799	801	804	819	803	831	804
<b>Total</b>	<b>17624</b>	<b>17860</b>	<b>17766</b>	<b>18103</b>	<b>18320</b>	<b>18566</b>	<b>18960</b>	<b>18810</b>	<b>18547</b>	<b>18600</b>	<b>18452</b>	<b>18950</b>	<b>18584</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Wollondilly</b>													
Agriculture, forestry and fishing	675	641	624	654	642	635	639	640	820	960	1016	1074	1107
Mining	1399	1550	1678	1781	1770	1733	1770	1780	1798	1792	1843	1905	1885
Manufacturing	1405	1437	1465	1523	1504	1484	1500	1537	1563	1443	1426	1480	1502
Electricity, gas, water and waste services	214	220	226	237	235	233	240	239	235	228	226	246	238
Construction	1350	1342	1351	1381	1486	1675	1825	1859	1793	1740	1862	1874	1759
Wholesale trade	318	316	314	318	307	297	295	287	283	281	278	276	272
Retail trade	1015	1013	997	997	949	921	898	899	930	962	1097	1090	1052
Accommodation and food services	544	535	532	561	568	590	609	619	629	650	647	635	757
Transport, postal and warehousing	545	564	575	591	575	563	567	570	637	662	667	663	638
Information media and telecommunications	69	66	63	58	49	42	37	41	41	41	41	41	40
Financial and insurance services	118	117	116	119	117	114	115	113	112	113	113	111	109
Rental, hiring and real estate services	125	126	128	136	136	137	141	143	143	147	148	146	142
Professional, scientific and technical services	479	473	474	506	513	525	548	559	556	569	568	557	544
Administrative and support services	231	223	222	242	252	267	285	297	299	310	313	313	308
Public administration and safety	446	467	477	480	460	440	430	421	420	429	435	432	418
Education and training	863	876	889	932	935	951	977	1076	1203	1224	1228	1249	1259
Health care and social assistance	603	606	610	639	640	655	674	677	679	690	762	953	959
Arts and recreation services	129	128	133	150	163	179	197	203	201	206	233	247	239
Other services	399	401	406	429	430	434	450	456	466	481	493	509	510
<b>Total</b>	<b>10926</b>	<b>11101</b>	<b>11280</b>	<b>11735</b>	<b>11731</b>	<b>11876</b>	<b>12196</b>	<b>12416</b>	<b>12808</b>	<b>12929</b>	<b>13399</b>	<b>13801</b>	<b>13739</b>

Table A.1 Industry employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Wollongong</b>													
Agriculture, forestry and fishing	253	231	211	203	189	172	158	146	147	147	157	174	172
Mining	1245	1386	1553	1761	1885	1958	2134	2245	2265	2244	2302	2229	2150
Manufacturing	13038	13140	13051	12717	12045	10955	10389	9388	9128	8154	8034	9010	9019
Electricity, gas, water and waste services	907	922	946	991	1015	997	1028	1035	1063	1050	1059	1095	1082
Construction	6067	6316	6853	7086	6873	6756	6990	6824	7389	7655	7231	7356	7429
Wholesale trade	2425	2353	2290	2291	2246	2105	2060	2005	1999	1992	2044	2105	2029
Retail trade	9315	9240	9127	9205	9166	8906	8810	8643	8661	9618	10130	10274	10323
Accommodation and food services	5631	5472	5430	5758	6044	6251	6508	6628	6678	6774	6755	6685	6627
Transport, postal and warehousing	3677	3781	3884	4040	4124	4042	4132	4145	4153	4074	4107	4261	4248
Information media and telecommunications	1298	1252	1205	1186	1143	1058	1021	990	979	969	964	968	953
Financial and insurance services	2957	2977	3007	3150	3239	3205	3295	3291	3242	3225	3216	3207	3201
Rental, hiring and real estate services	1532	1561	1574	1593	1585	1518	1510	1488	1490	1492	1515	1545	1533
Professional, scientific and technical services	4294	4310	4341	4525	4629	4560	4675	4674	4629	4616	4624	4645	4584
Administrative and support services	2756	2696	2671	2780	2857	2858	2928	2947	2950	2976	3013	3077	3072
Public administration and safety	4495	4715	4886	5100	5221	5143	5275	5304	5298	5313	5401	5486	5381
Education and training	8237	8348	8482	8924	9242	9314	9631	9922	10194	10930	11662	12155	12208
Health care and social assistance	10397	10605	10824	11430	11909	12084	12523	12716	12771	12816	13274	15191	15455
Arts and recreation services	1054	1054	1052	1074	1084	1073	1081	1092	1141	1152	1125	1090	1081
Other services	3464	3497	3542	3700	3796	3760	3861	3899	3956	4007	4112	4298	4321
<b>Total</b>	<b>83041</b>	<b>83858</b>	<b>84928</b>	<b>87513</b>	<b>88293</b>	<b>86714</b>	<b>88008</b>	<b>87385</b>	<b>88133</b>	<b>89204</b>	<b>90725</b>	<b>94851</b>	<b>94868</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number)													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Baulkham Hills</b>													
Agriculture, forestry and fishing	659	636	615	604	583	573	560	536	547	565	572	583	588
Mining	112	128	136	130	122	116	112	107	109	111	112	113	112
Manufacturing	8591	8862	8930	8640	8254	7986	7779	7518	7616	7185	7056	7353	7558
Electricity, gas, water and waste services	763	804	846	885	911	947	996	998	1008	1020	1025	1034	1016
Construction	8205	7251	7619	8836	8815	8157	8450	10072	11052	11856	13053	14891	18893
Wholesale trade	6493	6823	7020	6967	6838	6783	6804	6600	6657	6743	6755	6829	6723
Retail trade	10176	10291	10303	10200	10054	10203	10185	9899	10011	10291	10274	10397	10385
Accommodation and food services	3968	3972	3976	4006	4029	4199	4274	4213	4262	4399	4384	4438	4447
Transport, postal and warehousing	3026	3186	3293	3302	3280	3312	3369	3298	3332	3384	3392	3423	3370
Information media and telecommunications	2332	2303	2309	2367	2397	2452	2535	2504	2521	2555	2557	2585	2540
Financial and insurance services	5318	5603	5830	5920	5944	6029	6190	6087	6130	6205	6207	6270	6163
Rental, hiring and real estate services	1889	1949	1978	1955	1915	1906	1904	1846	1863	1896	1898	1917	1896
Professional, scientific and technical services	8390	8663	8944	9213	9389	9698	10094	10030	10104	10270	10269	10389	10258
Administrative and support services	2403	2471	2525	2561	2583	2670	2745	2714	2741	2804	2801	2832	2812
Public administration and safety	3939	4281	4535	4606	4618	4698	4832	4769	4815	4891	4913	4961	4887
Education and training	7407	7662	7869	8058	8210	8590	8890	8840	8942	9179	9171	9291	9269
Health care and social assistance	8549	8880	9132	9338	9507	9946	10271	10202	10315	10581	10565	10688	10651
Arts and recreation services	1015	1031	1050	1076	1098	1155	1197	1191	1203	1237	1234	1250	1248
Other services	3602	3692	3750	3767	3754	3824	3890	3820	3861	3941	3946	3989	3954
<b>Total</b>	<b>86839</b>	<b>88490</b>	<b>90660</b>	<b>92431</b>	<b>92300</b>	<b>93246</b>	<b>95081</b>	<b>95245</b>	<b>97090</b>	<b>99115</b>	<b>100183</b>	<b>103234</b>	<b>106770</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Blacktown</b>													
Agriculture, forestry and fishing	851	814	791	807	802	795	785	769	795	827	856	895	927
Mining	124	136	145	145	142	138	137	135	138	141	146	151	152
Manufacturing	19938	20280	20494	20462	19952	19189	18784	18492	18933	17897	18008	19245	20201
Electricity, gas, water and waste services	1352	1399	1479	1613	1713	1786	1900	1947	1988	2016	2077	2147	2156
Construction	9709	9771	9630	9468	9653	9624	9006	9177	9413	9482	10254	10360	9960
Wholesale trade	8915	9147	9394	9661	9714	9611	9717	9623	9815	9963	10235	10605	10662
Retail trade	14034	14074	14282	14912	15317	15755	16130	16176	16541	17035	17444	18091	18452
Accommodation and food services	6508	6402	6460	6870	7207	7628	7955	8084	8270	8568	8750	9081	9310
Transport, postal and warehousing	9411	9868	10339	10833	11111	11276	11641	11688	11941	12149	12488	12915	12989
Information media and telecommunications	2687	2631	2651	2794	2877	2915	3014	3026	3080	3130	3211	3328	3342
Financial and insurance services	7059	7233	7542	8061	8413	8636	9044	9147	9315	9457	9696	10042	10089
Rental, hiring and real estate services	1618	1653	1701	1774	1811	1825	1870	1869	1907	1942	1995	2065	2083
Professional, scientific and technical services	6350	6420	6694	7324	7810	8189	8732	8937	9101	9261	9498	9847	9922
Administrative and support services	4287	4329	4433	4677	4851	5022	5212	5265	5376	5515	5647	5855	5942
Public administration and safety	7513	7950	8427	8972	9319	9569	10002	10129	10342	10545	10852	11236	11324
Education and training	6616	6805	7076	7567	7950	8337	8735	8886	9088	9345	9576	9942	10127
Health care and social assistance	12086	12481	13068	14127	14987	15860	16761	17143	17525	17996	18437	19110	19428
Arts and recreation services	1215	1189	1205	1298	1374	1454	1534	1566	1598	1645	1683	1747	1778
Other services	5314	5346	5448	5693	5828	5921	6090	6113	6245	6379	6554	6787	6861
<b>Total</b>	<b>125585</b>	<b>127930</b>	<b>131257</b>	<b>137060</b>	<b>140831</b>	<b>143530</b>	<b>147047</b>	<b>148172</b>	<b>151410</b>	<b>153293</b>	<b>157406</b>	<b>163447</b>	<b>165705</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Blue Mountains</b>													
Agriculture, forestry and fishing	261	249	241	242	236	230	224	215	219	223	227	229	230
Mining	118	128	142	159	169	178	191	195	197	196	200	199	195
Manufacturing	2744	2808	2854	2840	2747	2633	2559	2464	2477	2300	2266	2346	2400
Electricity, gas, water and waste services	512	547	578	593	592	584	590	579	582	580	587	587	573
Construction	2717	2626	2474	2265	2361	2373	2460	2514	2470	2343	2290	2319	2078
Wholesale trade	1236	1270	1309	1343	1340	1320	1327	1294	1301	1298	1308	1311	1282
Retail trade	3720	3733	3743	3753	3694	3667	3594	3470	3498	3548	3561	3573	3553
Accommodation and food services	2599	2520	2493	2551	2563	2609	2616	2566	2587	2631	2638	2647	2637
Transport, postal and warehousing	1509	1582	1642	1664	1646	1617	1613	1568	1578	1575	1589	1589	1552
Information media and telecommunications	828	811	808	820	811	797	794	771	774	776	780	783	769
Financial and insurance services	1200	1205	1214	1221	1196	1161	1144	1103	1107	1105	1111	1113	1089
Rental, hiring and real estate services	627	638	649	657	650	639	635	616	619	621	625	626	616
Professional, scientific and technical services	2372	2379	2432	2550	2610	2656	2732	2708	2720	2729	2743	2752	2706
Administrative and support services	1038	1016	1020	1068	1096	1129	1161	1153	1160	1171	1176	1179	1166
Public administration and safety	3123	3303	3471	3581	3595	3587	3640	3579	3601	3608	3643	3648	3574
Education and training	5229	5345	5500	5716	5812	5915	6033	5967	6012	6058	6096	6117	6041
Health care and social assistance	5047	5133	5241	5415	5495	5617	5700	5630	5674	5741	5764	5781	5733
Arts and recreation services	638	620	630	690	737	788	837	848	853	863	866	870	861
Other services	1349	1358	1381	1423	1434	1443	1462	1438	1448	1456	1466	1469	1447
<b>Total</b>	<b>36868</b>	<b>37271</b>	<b>37821</b>	<b>38550</b>	<b>38785</b>	<b>38944</b>	<b>39312</b>	<b>38676</b>	<b>38878</b>	<b>38825</b>	<b>38936</b>	<b>39140</b>	<b>38499</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Camden</b>													
Agriculture, forestry and fishing	423	407	395	400	378	371	358	350	360	380	409	437	460
Mining	124	129	136	149	150	157	164	169	173	179	193	203	209
Manufacturing	3436	3519	3575	3628	3473	3423	3367	3352	3415	3288	3432	3755	4031
Electricity, gas, water and waste services	296	320	345	375	383	401	420	433	441	454	486	513	526
Construction	2187	2282	2577	2717	2878	2717	3170	3674	4232	4692	5193	5981	6095
Wholesale trade	1479	1500	1535	1617	1607	1641	1676	1690	1721	1777	1896	2008	2064
Retail trade	3163	3188	3217	3329	3275	3369	3379	3387	3456	3619	3846	4077	4250
Accommodation and food services	1211	1197	1207	1288	1311	1409	1457	1492	1523	1608	1703	1807	1898
Transport, postal and warehousing	1978	2063	2141	2237	2210	2253	2294	2311	2356	2437	2600	2748	2824
Information media and telecommunications	371	361	364	394	401	420	439	448	455	472	502	532	548
Financial and insurance services	1042	1059	1090	1154	1156	1192	1225	1241	1262	1306	1388	1471	1515
Rental, hiring and real estate services	530	546	565	597	596	613	628	635	647	671	715	756	781
Professional, scientific and technical services	1271	1279	1318	1430	1466	1548	1623	1666	1693	1758	1870	1983	2049
Administrative and support services	651	656	679	746	774	834	882	911	928	968	1029	1090	1130
Public administration and safety	1626	1723	1827	1965	1991	2077	2164	2214	2255	2336	2496	2641	2717
Education and training	2206	2253	2339	2545	2623	2811	2950	3039	3102	3242	3449	3660	3808
Health care and social assistance	2260	2304	2376	2555	2611	2786	2900	2976	3036	3177	3375	3578	3727
Arts and recreation services	311	306	313	344	359	391	414	429	437	459	486	516	539
Other services	1157	1180	1209	1268	1259	1294	1320	1335	1361	1413	1507	1596	1648
<b>Total</b>	<b>25725</b>	<b>26275</b>	<b>27209</b>	<b>28736</b>	<b>28899</b>	<b>29708</b>	<b>30829</b>	<b>31751</b>	<b>32853</b>	<b>34236</b>	<b>36576</b>	<b>39353</b>	<b>40819</b>



Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Campbelltown</b>													
Agriculture, forestry and fishing	256	233	219	224	220	218	216	213	216	222	229	235	239
Mining	116	127	135	136	130	124	123	121	122	123	127	129	127
Manufacturing	11885	11889	11881	11749	11236	10638	10359	10123	10126	9453	9478	9966	10254
Electricity, gas, water and waste services	718	741	779	831	857	873	918	936	937	938	964	979	963
Construction	1552	1847	1888	1925	1474	1715	1858	1743	1709	1834	1877	1987	2003
Wholesale trade	3950	4000	4064	4118	4042	3921	3925	3872	3872	3879	3975	4046	3986
Retail trade	8681	8526	8454	8530	8391	8309	8266	8161	8181	8313	8489	8648	8641
Accommodation and food services	4177	4014	3977	4153	4242	4397	4535	4589	4602	4703	4790	4883	4904
Transport, postal and warehousing	6010	6287	6544	6710	6673	6594	6712	6695	6704	6724	6894	7003	6892
Information media and telecommunications	1376	1338	1326	1348	1327	1295	1300	1285	1283	1288	1318	1342	1322
Financial and insurance services	3531	3476	3491	3591	3582	3535	3600	3589	3583	3589	3669	3733	3674
Rental, hiring and real estate services	1211	1199	1199	1214	1192	1162	1162	1147	1147	1152	1180	1200	1185
Professional, scientific and technical services	3455	3435	3478	3602	3619	3609	3701	3711	3705	3725	3808	3880	3834
Administrative and support services	2397	2415	2474	2592	2642	2697	2798	2831	2833	2865	2926	2980	2959
Public administration and safety	4547	4680	4848	5039	5069	5069	5219	5249	5254	5284	5423	5516	5445
Education and training	4786	4787	4852	5044	5113	5208	5355	5399	5414	5494	5614	5726	5716
Health care and social assistance	6501	6583	6775	7190	7433	7719	8081	8240	8259	8374	8553	8711	8684
Arts and recreation services	814	799	805	841	856	878	908	918	919	933	952	970	968
Other services	2885	2869	2901	3004	3018	3025	3103	3116	3121	3145	3222	3278	3246
<b>Total</b>	<b>68847</b>	<b>69244</b>	<b>70088</b>	<b>71839</b>	<b>71116</b>	<b>70985</b>	<b>72139</b>	<b>71938</b>	<b>71986</b>	<b>72038</b>	<b>73487</b>	<b>75209</b>	<b>75040</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Fairfield</b>													
Agriculture, forestry and fishing	410	383	374	403	412	413	424	434	446	459	458	482	499
Mining	50	56	60	60	57	53	52	51	52	53	53	55	56
Manufacturing	16255	15952	15778	15811	15116	13992	13512	13411	13643	12770	12379	13307	13983
Electricity, gas, water and waste services	483	492	513	556	574	574	602	624	635	637	633	658	662
Construction	6804	7163	7317	7019	6838	7782	7758	6586	6522	6076	6278	6349	6767
Wholesale trade	4615	4602	4630	4731	4621	4368	4320	4309	4377	4409	4366	4549	4591
Retail trade	8641	8545	8586	8943	8957	8814	8876	8993	9154	9332	9217	9610	9814
Accommodation and food services	4177	4027	4039	4363	4538	4662	4867	5048	5140	5263	5187	5411	5545
Transport, postal and warehousing	4872	4965	5123	5407	5461	5361	5497	5610	5707	5754	5704	5931	5982
Information media and telecommunications	1424	1381	1381	1449	1453	1408	1430	1449	1469	1479	1463	1524	1534
Financial and insurance services	3326	3324	3411	3645	3721	3670	3798	3893	3947	3971	3926	4088	4118
Rental, hiring and real estate services	986	988	1004	1044	1037	997	1005	1015	1031	1039	1029	1071	1081
Professional, scientific and technical services	3388	3364	3437	3676	3758	3718	3854	3960	4015	4048	4005	4174	4216
Administrative and support services	2641	2576	2583	2729	2771	2756	2828	2897	2945	2990	2954	3078	3127
Public administration and safety	2771	2858	2993	3216	3297	3284	3418	3526	3585	3625	3596	3744	3787
Education and training	2780	2754	2812	3049	3177	3247	3401	3532	3597	3667	3623	3783	3866
Health care and social assistance	5441	5496	5661	6079	6270	6338	6594	6821	6942	7058	6975	7269	7403
Arts and recreation services	653	633	640	699	733	754	795	827	841	857	845	881	898
Other services	3279	3229	3276	3515	3610	3618	3761	3880	3947	4002	3962	4127	4189
<b>Total</b>	<b>72996</b>	<b>72788</b>	<b>73620</b>	<b>76391</b>	<b>76401</b>	<b>75810</b>	<b>76790</b>	<b>76867</b>	<b>77994</b>	<b>77487</b>	<b>76655</b>	<b>80091</b>	<b>82118</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Hawkesbury</b>													
Agriculture, forestry and fishing	1143	1112	1113	1148	1134	1110	1087	1051	1075	1111	1132	1158	1194
Mining	82	85	89	91	90	87	86	84	85	87	88	89	90
Manufacturing	3768	3822	3924	3979	3889	3738	3651	3549	3589	3380	3336	3500	3676
Electricity, gas, water and waste services	348	353	371	400	417	426	443	446	451	456	461	467	470
Construction	4233	4193	3599	3225	3302	3564	3686	3834	3831	3716	3557	3492	3382
Wholesale trade	1693	1683	1720	1786	1789	1762	1767	1732	1751	1773	1789	1816	1828
Retail trade	3343	3332	3406	3546	3586	3623	3637	3583	3629	3723	3746	3805	3878
Accommodation and food services	1684	1631	1639	1716	1750	1799	1819	1804	1828	1886	1893	1924	1971
Transport, postal and warehousing	1620	1685	1768	1825	1821	1794	1795	1757	1779	1803	1821	1845	1854
Information media and telecommunications	623	604	607	628	629	619	619	605	610	619	624	633	637
Financial and insurance services	821	805	817	856	867	865	876	863	871	883	888	902	908
Rental, hiring and real estate services	552	534	537	559	562	559	561	552	558	567	572	580	586
Professional, scientific and technical services	1534	1532	1577	1658	1686	1694	1724	1707	1723	1753	1764	1793	1812
Administrative and support services	800	800	826	877	904	927	953	951	962	982	989	1004	1018
Public administration and safety	2779	2907	3078	3196	3192	3139	3166	3113	3147	3185	3228	3273	3286
Education and training	2476	2489	2579	2743	2831	2907	2989	2987	3026	3096	3118	3170	3223
Health care and social assistance	2715	2740	2826	2966	3029	3097	3147	3127	3168	3251	3269	3321	3387
Arts and recreation services	480	457	459	492	511	531	549	552	558	573	576	585	597
Other services	1528	1542	1602	1699	1742	1768	1813	1805	1827	1858	1876	1903	1922
<b>Total</b>	<b>32221</b>	<b>32302</b>	<b>32535</b>	<b>33390</b>	<b>33730</b>	<b>34008</b>	<b>34368</b>	<b>34102</b>	<b>34467</b>	<b>34701</b>	<b>34725</b>	<b>35260</b>	<b>35720</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Holroyd</b>													
Agriculture, forestry and fishing	91	83	79	81	79	77	76	75	78	81	84	88	88
Mining	48	55	61	63	61	59	58	58	60	61	64	66	64
Manufacturing	5710	5706	5757	5799	5592	5364	5270	5220	5392	5116	5151	5472	5581
Electricity, gas, water and waste services	408	416	435	466	476	484	505	515	530	540	557	572	559
Construction	3909	4047	3928	3759	4107	3788	3966	4528	4147	3723	3805	4145	5592
Wholesale trade	2791	2831	2910	3003	2972	2919	2947	2930	3017	3076	3160	3257	3184
Retail trade	4673	4663	4735	4906	4900	4937	4989	4985	5146	5315	5446	5616	5561
Accommodation and food services	2537	2481	2502	2632	2678	2768	2847	2882	2976	3091	3159	3260	3243
Transport, postal and warehousing	2662	2758	2890	3032	3054	3068	3156	3176	3276	3346	3440	3538	3459
Information media and telecommunications	1004	988	1009	1072	1091	1100	1138	1148	1180	1202	1235	1272	1240
Financial and insurance services	2661	2721	2846	3022	3073	3098	3212	3244	3335	3396	3484	3588	3501
Rental, hiring and real estate services	606	615	632	650	641	629	633	628	647	661	679	699	684
Professional, scientific and technical services	2502	2501	2617	2887	3042	3173	3389	3488	3585	3661	3756	3873	3790
Administrative and support services	1432	1448	1495	1575	1599	1632	1683	1702	1754	1805	1849	1906	1878
Public administration and safety	2389	2524	2689	2859	2909	2950	3065	3107	3203	3278	3374	3474	3403
Education and training	2354	2379	2458	2613	2676	2761	2866	2912	3007	3104	3181	3284	3251
Health care and social assistance	3960	4064	4262	4585	4747	4942	5182	5298	5468	5633	5773	5950	5875
Arts and recreation services	417	413	424	453	468	487	509	519	535	552	565	583	576
Other services	1762	1744	1770	1851	1860	1875	1920	1932	1993	2047	2102	2166	2131
<b>Total</b>	<b>41915</b>	<b>42438</b>	<b>43496</b>	<b>45307</b>	<b>46026</b>	<b>46107</b>	<b>47411</b>	<b>48348</b>	<b>49329</b>	<b>49688</b>	<b>50863</b>	<b>52808</b>	<b>53663</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Kiama</b>													
Agriculture, forestry and fishing	204	213	222	232	236	230	233	233	237	233	233	239	211
Mining	117	136	157	179	192	197	214	224	226	218	218	220	190
Manufacturing	746	785	810	814	800	751	743	732	735	654	625	662	598
Electricity, gas, water and waste services	89	92	94	95	94	88	88	88	88	85	84	85	74
Construction	772	775	840	862	859	964	1071	1046	1163	1552	1802	2080	3368
Wholesale trade	206	201	202	218	230	231	244	249	250	242	240	243	211
Retail trade	975	995	1001	1004	997	958	947	933	940	921	908	923	809
Accommodation and food services	726	742	754	774	789	785	797	800	807	795	782	795	701
Transport, postal and warehousing	328	351	370	386	395	387	399	401	404	390	387	392	338
Information media and telecommunications	135	136	135	133	129	120	116	112	113	110	108	110	95
Financial and insurance services	244	257	265	267	264	250	248	245	245	237	234	238	205
Rental, hiring and real estate services	187	195	198	195	189	176	170	165	165	161	159	161	140
Professional, scientific and technical services	468	488	509	534	550	543	562	568	571	554	547	556	483
Administrative and support services	211	222	233	244	252	251	260	264	265	259	255	259	226
Public administration and safety	687	756	812	849	869	846	873	880	885	854	848	860	742
Education and training	1233	1285	1323	1362	1382	1350	1373	1376	1386	1350	1334	1357	1182
Health care and social assistance	1002	1049	1086	1129	1161	1155	1187	1200	1209	1182	1165	1184	1036
Arts and recreation services	132	130	132	144	156	163	174	180	181	178	175	178	156
Other services	281	298	313	327	336	332	343	346	349	339	335	340	296
<b>Total</b>	<b>8743</b>	<b>9104</b>	<b>9457</b>	<b>9748</b>	<b>9880</b>	<b>9775</b>	<b>10040</b>	<b>10041</b>	<b>10220</b>	<b>10315</b>	<b>10440</b>	<b>10886</b>	<b>11060</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Lithgow</b>													
Agriculture, forestry and fishing	278	292	296	293	281	273	271	250	253	260	262	274	275
Mining	809	872	936	1007	1030	1068	1158	1139	1144	1146	1159	1196	1166
Manufacturing	673	707	717	703	675	651	648	604	604	571	560	599	609
Electricity, gas, water and waste services	426	450	460	455	441	427	433	406	407	407	408	423	411
Construction	773	697	644	820	950	857	614	533	537	509	462	439	473
Wholesale trade	172	166	164	171	174	180	191	184	184	186	186	193	190
Retail trade	891	906	903	897	881	884	895	842	844	863	857	891	884
Accommodation and food services	711	689	674	690	699	729	760	730	732	749	744	774	768
Transport, postal and warehousing	466	459	457	474	484	500	531	514	515	520	518	538	526
Information media and telecommunications	78	82	83	85	85	86	89	85	85	86	85	89	87
Financial and insurance services	145	151	154	153	150	150	153	144	144	146	145	151	148
Rental, hiring and real estate services	86	89	91	94	95	97	102	98	98	100	99	103	101
Professional, scientific and technical services	219	227	233	243	249	257	274	265	264	267	266	277	271
Administrative and support services	237	249	258	270	277	291	310	301	301	306	304	316	312
Public administration and safety	649	693	722	740	744	754	792	760	760	768	767	796	778
Education and training	480	488	494	512	523	546	578	559	560	572	568	592	586
Health care and social assistance	772	794	807	836	857	902	955	926	928	948	942	979	971
Arts and recreation services	83	82	81	85	89	95	101	99	99	101	101	105	104
Other services	273	278	283	297	306	320	342	332	333	338	336	349	344
<b>Total</b>	<b>8220</b>	<b>8373</b>	<b>8458</b>	<b>8826</b>	<b>8992</b>	<b>9069</b>	<b>9198</b>	<b>8773</b>	<b>8793</b>	<b>8842</b>	<b>8770</b>	<b>9084</b>	<b>9004</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Liverpool</b>													
Agriculture, forestry and fishing	719	705	695	718	716	688	674	682	708	723	735	784	821
Mining	79	86	89	90	87	82	79	79	82	82	83	88	90
Manufacturing	13303	13039	12794	12931	12682	11931	11573	11747	12055	11242	11065	12095	12892
Electricity, gas, water and waste services	645	649	670	737	784	796	836	883	906	907	914	966	985
Construction	5948	7200	8188	8840	7996	8630	8495	7068	7454	8640	9002	9340	10400
Wholesale trade	4661	4647	4651	4828	4871	4708	4704	4810	4926	4938	4968	5256	5373
Retail trade	8315	8195	8135	8495	8672	8618	8649	8907	9144	9287	9316	9866	10216
Accommodation and food services	3993	3831	3777	4042	4237	4349	4475	4686	4812	4910	4914	5207	5412
Transport, postal and warehousing	5997	6099	6230	6598	6796	6726	6871	7121	7303	7329	7380	7792	7956
Information media and telecommunications	1447	1378	1346	1410	1434	1396	1407	1445	1477	1481	1488	1575	1606
Financial and insurance services	3618	3596	3632	3867	4002	3963	4062	4214	4309	4318	4335	4585	4681
Rental, hiring and real estate services	1130	1092	1079	1141	1172	1156	1175	1216	1245	1251	1259	1330	1363
Professional, scientific and technical services	3595	3514	3521	3780	3943	3947	4076	4256	4352	4375	4393	4652	4766
Administrative and support services	2611	2614	2641	2802	2902	2910	2976	3096	3173	3205	3217	3404	3501
Public administration and safety	5381	5424	5531	5886	6065	6004	6166	6415	6575	6601	6663	7045	7200
Education and training	3950	3911	3963	4333	4619	4771	4991	5270	5412	5488	5510	5841	6042
Health care and social assistance	6602	6675	6829	7397	7817	8007	8324	8759	8989	9100	9133	9666	9973
Arts and recreation services	831	801	792	849	889	905	934	978	1002	1017	1019	1080	1116
Other services	3306	3255	3244	3408	3485	3441	3487	3605	3698	3726	3750	3965	4071
<b>Total</b>	<b>76131</b>	<b>76711</b>	<b>77806</b>	<b>82152</b>	<b>83169</b>	<b>83030</b>	<b>83956</b>	<b>85239</b>	<b>87622</b>	<b>88618</b>	<b>89145</b>	<b>94539</b>	<b>98465</b>



Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Parramatta</b>													
Agriculture, forestry and fishing	209	194	182	178	166	153	142	135	140	144	152	159	164
Mining	62	64	66	66	63	60	58	57	59	60	63	65	66
Manufacturing	8161	8163	8204	8286	8059	7723	7613	7608	7792	7317	7479	8012	8455
Electricity, gas, water and waste services	647	668	706	768	801	819	864	890	909	915	959	994	1003
Construction	5138	5702	5920	5467	5575	5510	6130	6643	6962	7621	7373	8036	8043
Wholesale trade	4761	4879	5028	5207	5195	5089	5154	5159	5261	5303	5534	5748	5804
Retail trade	7441	7458	7582	7924	8023	8110	8264	8341	8528	8713	9070	9426	9647
Accommodation and food services	4378	4349	4424	4709	4865	5048	5238	5355	5477	5621	5840	6072	6237
Transport, postal and warehousing	3647	3730	3864	4082	4158	4183	4327	4390	4485	4534	4736	4909	4962
Information media and telecommunications	2036	2003	2047	2208	2286	2320	2431	2483	2527	2548	2657	2760	2782
Financial and insurance services	4553	4701	4952	5343	5538	5624	5906	6038	6147	6190	6453	6696	6750
Rental, hiring and real estate services	1122	1146	1184	1240	1253	1246	1275	1286	1311	1325	1384	1435	1453
Professional, scientific and technical services	5651	5688	5943	6547	6919	7165	7649	7907	8051	8127	8473	8803	8901
Administrative and support services	2599	2602	2668	2848	2945	3037	3171	3248	3317	3385	3520	3659	3737
Public administration and safety	3912	4100	4324	4590	4684	4713	4890	4977	5082	5141	5379	5581	5646
Education and training	4572	4613	4746	5063	5226	5371	5592	5720	5849	5965	6213	6464	6604
Health care and social assistance	7603	7793	8120	8736	9088	9408	9861	10131	10355	10551	10987	11413	11646
Arts and recreation services	852	851	872	935	970	1005	1053	1080	1102	1126	1171	1218	1245
Other services	2983	2948	2976	3117	3153	3166	3248	3288	3359	3413	3561	3697	3761
<b>Total</b>	<b>70325</b>	<b>71654</b>	<b>73809</b>	<b>77313</b>	<b>78967</b>	<b>79749</b>	<b>82865</b>	<b>84736</b>	<b>86712</b>	<b>88001</b>	<b>91002</b>	<b>95145</b>	<b>96906</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Penrith</b>													
Agriculture, forestry and fishing	729	705	689	705	704	705	701	685	707	731	755	776	785
Mining	213	220	223	220	212	204	197	189	194	197	203	207	205
Manufacturing	12556	12671	12619	12461	12074	11657	11321	10973	11191	10567	10585	11128	11474
Electricity, gas, water and waste services	1219	1273	1330	1411	1470	1523	1594	1609	1641	1663	1704	1734	1710
Construction	8640	8497	8837	8976	9150	8406	7857	8010	8051	8053	8259	8061	7637
Wholesale trade	5277	5303	5330	5439	5457	5443	5483	5388	5491	5566	5689	5801	5721
Retail trade	11036	10985	10899	11029	11048	11197	11162	10950	11187	11502	11716	11958	11962
Accommodation and food services	4954	4841	4786	4952	5095	5360	5480	5476	5598	5800	5887	6016	6060
Transport, postal and warehousing	6320	6645	6900	7116	7225	7330	7490	7432	7587	7704	7879	8019	7909
Information media and telecommunications	1600	1530	1487	1508	1506	1497	1499	1468	1494	1517	1548	1579	1557
Financial and insurance services	4210	4189	4192	4302	4347	4378	4443	4387	4464	4533	4620	4711	4650
Rental, hiring and real estate services	1457	1452	1457	1502	1524	1545	1571	1555	1586	1614	1648	1679	1664
Professional, scientific and technical services	3945	3884	3877	4028	4124	4218	4335	4320	4397	4481	4567	4662	4622
Administrative and support services	2613	2611	2641	2776	2883	3015	3131	3146	3209	3285	3347	3415	3397
Public administration and safety	6193	6501	6783	7110	7318	7529	7802	7817	7974	8121	8312	8472	8380
Education and training	5367	5484	5620	5932	6188	6508	6771	6821	6970	7154	7294	7452	7445
Health care and social assistance	7777	7959	8150	8574	8924	9383	9739	9804	10014	10279	10470	10684	10667
Arts and recreation services	1078	1022	1004	1070	1128	1203	1262	1277	1302	1340	1363	1393	1392
Other services	3899	3916	3954	4099	4183	4277	4383	4366	4456	4540	4642	4730	4686
<b>Total</b>	<b>89082</b>	<b>89688</b>	<b>90777</b>	<b>93210</b>	<b>94561</b>	<b>95377</b>	<b>96222</b>	<b>95674</b>	<b>97514</b>	<b>98647</b>	<b>100489</b>	<b>102477</b>	<b>101923</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Portion of Mid-Western regional</b>													
Agriculture, forestry and fishing	174	173	168	164	156	147	140	132	136	140	142	148	148
Mining	74	83	97	121	140	158	183	194	197	199	202	209	204
Manufacturing	116	111	106	104	100	95	92	88	89	85	84	89	91
Electricity, gas, water and waste services	13	13	14	15	16	16	17	18	18	18	18	19	18
Construction	82	93	100	97	90	96	103	103	105	100	84	70	69
Wholesale trade	44	38	35	35	36	36	37	37	37	38	38	39	39
Retail trade	151	157	157	155	152	149	148	143	145	149	149	155	153
Accommodation and food services	92	93	94	96	99	102	105	105	107	110	110	114	114
Transport, postal and warehousing	42	43	43	43	43	43	44	43	43	44	44	46	45
Information media and telecommunications	11	12	12	13	14	14	15	15	15	15	15	16	16
Financial and insurance services	14	14	14	14	15	15	16	16	16	16	16	17	17
Rental, hiring and real estate services	13	14	15	15	16	16	17	17	17	17	17	18	18
Professional, scientific and technical services	43	45	47	47	48	47	48	48	48	49	49	51	50
Administrative and support services	21	21	21	23	25	27	30	30	31	31	31	33	32
Public administration and safety	49	52	53	55	55	55	57	56	57	58	58	61	59
Education and training	85	85	84	87	89	91	95	95	96	99	99	103	102
Health care and social assistance	93	95	96	99	102	106	111	111	113	116	116	120	120
Arts and recreation services	11	10	10	10	10	10	11	10	11	11	11	11	11
Other services	37	38	39	42	45	47	51	51	52	53	53	55	54
<b>Total</b>	<b>1165</b>	<b>1191</b>	<b>1204</b>	<b>1235</b>	<b>1251</b>	<b>1274</b>	<b>1319</b>	<b>1311</b>	<b>1333</b>	<b>1349</b>	<b>1336</b>	<b>1374</b>	<b>1362</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Shellharbour</b>													
Agriculture, forestry and fishing	122	116	112	112	111	104	100	99	102	105	109	115	118
Mining	450	508	577	643	687	694	738	776	796	803	832	866	867
Manufacturing	4217	4337	4423	4354	4194	3813	3636	3561	3627	3352	3294	3622	3781
Electricity, gas, water and waste services	299	316	337	356	372	364	376	387	395	398	409	427	425
Construction	2398	2514	2525	2666	2537	2710	2896	2719	2849	3073	3168	3330	3491
Wholesale trade	861	844	845	869	881	839	842	847	865	873	894	936	935
Retail trade	3773	3825	3892	3957	3998	3864	3829	3842	3933	4031	4111	4308	4367
Accommodation and food services	1742	1730	1755	1837	1916	1928	1969	2016	2065	2128	2164	2269	2311
Transport, postal and warehousing	1471	1542	1627	1715	1783	1746	1795	1835	1876	1897	1943	2029	2024
Information media and telecommunications	312	307	303	298	291	267	256	251	256	259	265	278	278
Financial and insurance services	766	799	841	887	926	911	937	958	977	991	1011	1058	1060
Rental, hiring and real estate services	470	488	510	528	540	521	527	533	545	552	565	590	592
Professional, scientific and technical services	1006	1025	1066	1133	1189	1177	1219	1253	1278	1298	1324	1388	1393
Administrative and support services	878	876	889	924	955	943	959	977	999	1022	1041	1091	1102
Public administration and safety	1629	1740	1855	1954	2027	1984	2039	2087	2133	2162	2217	2318	2320
Education and training	1709	1782	1870	1975	2070	2069	2132	2192	2244	2296	2343	2458	2488
Health care and social assistance	2887	3010	3166	3374	3570	3606	3744	3870	3961	4053	4134	4330	4382
Arts and recreation services	320	336	352	365	376	372	378	385	394	404	411	432	438
Other services	1136	1187	1251	1322	1380	1363	1405	1441	1473	1496	1531	1602	1607
<b>Total</b>	<b>26445</b>	<b>27283</b>	<b>28193</b>	<b>29268</b>	<b>29804</b>	<b>29275</b>	<b>29777</b>	<b>30028</b>	<b>30769</b>	<b>31194</b>	<b>31765</b>	<b>33446</b>	<b>33977</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Shoalhaven</b>													
Agriculture, forestry and fishing	912	893	841	842	838	824	816	797	801	822	827	875	863
Mining	119	136	143	144	143	141	142	141	141	142	143	150	145
Manufacturing	3079	3190	3115	3094	3071	2999	2988	2965	2958	2775	2701	2936	2946
Electricity, gas, water and waste services	367	398	405	418	430	434	448	450	447	451	450	473	455
Construction	3542	3184	3283	3426	3303	3451	3706	3509	3597	3693	3727	3414	2755
Wholesale trade	866	841	787	782	778	763	762	747	743	752	748	788	762
Retail trade	4967	5116	4962	4910	4893	4866	4834	4745	4727	4830	4794	5047	4927
Accommodation and food services	3095	3094	2993	3091	3220	3365	3482	3512	3500	3590	3558	3747	3671
Transport, postal and warehousing	1292	1355	1340	1350	1365	1366	1387	1375	1370	1388	1382	1451	1404
Information media and telecommunications	466	452	423	418	415	407	403	394	391	395	393	414	399
Financial and insurance services	609	619	600	606	614	615	624	617	613	621	616	648	628
Rental, hiring and real estate services	649	679	672	681	692	693	706	701	697	705	702	737	713
Professional, scientific and technical services	1470	1508	1492	1561	1637	1695	1777	1798	1785	1812	1799	1894	1838
Administrative and support services	1083	1109	1083	1101	1130	1161	1191	1193	1188	1214	1203	1267	1237
Public administration and safety	3339	3565	3618	3748	3862	3903	4069	4094	4069	4097	4099	4307	4137
Education and training	2726	2829	2782	2826	2892	2945	3013	3014	3003	3063	3043	3207	3127
Health care and social assistance	3977	4149	4131	4327	4567	4812	5046	5130	5111	5224	5182	5456	5330
Arts and recreation services	528	548	545	566	591	615	642	650	646	659	654	690	672
Other services	1485	1551	1522	1511	1506	1488	1489	1466	1459	1480	1473	1549	1500
<b>Total</b>	<b>34572</b>	<b>35216</b>	<b>34736</b>	<b>35402</b>	<b>35948</b>	<b>36542</b>	<b>37522</b>	<b>37297</b>	<b>37247</b>	<b>37713</b>	<b>37495</b>	<b>39049</b>	<b>37509</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Wingecarribee</b>													
Agriculture, forestry and fishing	892	886	855	840	807	786	772	750	759	785	769	802	785
Mining	181	202	214	217	214	213	219	221	222	225	220	227	217
Manufacturing	2331	2412	2395	2341	2255	2182	2169	2159	2174	2052	1949	2086	2078
Electricity, gas, water and waste services	180	187	191	198	203	208	219	221	222	225	219	226	215
Construction	1660	1742	1809	1920	2138	2046	1889	1697	1687	1688	2175	2335	2240
Wholesale trade	754	767	757	752	739	731	740	731	731	741	719	745	711
Retail trade	2489	2507	2452	2438	2407	2427	2456	2434	2439	2505	2424	2511	2426
Accommodation and food services	1682	1653	1604	1621	1629	1681	1731	1736	1740	1794	1733	1796	1740
Transport, postal and warehousing	1002	1028	1017	1003	980	967	976	962	963	980	951	983	939
Information media and telecommunications	299	284	268	266	261	260	264	261	260	266	257	266	255
Financial and insurance services	455	464	461	466	466	470	484	483	482	490	474	491	470
Rental, hiring and real estate services	438	462	467	469	466	467	478	476	476	484	470	486	465
Professional, scientific and technical services	1215	1228	1224	1265	1293	1337	1405	1422	1420	1449	1402	1453	1395
Administrative and support services	530	514	507	549	587	640	696	721	722	742	717	743	717
Public administration and safety	845	893	906	910	901	900	924	922	922	937	912	942	899
Education and training	1930	1957	1931	1945	1945	1980	2037	2039	2043	2095	2029	2103	2029
Health care and social assistance	2206	2219	2186	2228	2262	2351	2444	2466	2472	2542	2457	2546	2464
Arts and recreation services	267	257	252	269	283	303	326	335	336	345	333	346	334
Other services	810	811	796	804	805	815	841	841	842	858	833	861	825
<b>Total</b>	<b>20168</b>	<b>20473</b>	<b>20291</b>	<b>20500</b>	<b>20642</b>	<b>20762</b>	<b>21071</b>	<b>20876</b>	<b>20909</b>	<b>21203</b>	<b>21044</b>	<b>21946</b>	<b>21204</b>

Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Wollondilly</b>													
Agriculture, forestry and fishing	655	635	627	650	628	611	609	604	627	660	685	710	726
Mining	408	457	500	527	508	497	508	514	530	546	568	581	580
Manufacturing	2820	2970	3093	3169	3044	2928	2920	2937	3032	2905	2916	3096	3222
Electricity, gas, water and waste services	291	305	325	354	361	366	388	398	409	421	434	445	443
Construction	2383	2348	2330	2277	2441	2811	3016	3026	2800	2631	2850	2789	2535
Wholesale trade	924	949	978	1013	985	957	968	965	991	1022	1050	1080	1077
Retail trade	2105	2159	2212	2281	2223	2203	2215	2210	2275	2381	2437	2508	2538
Accommodation and food services	880	888	908	961	966	997	1031	1049	1081	1140	1162	1198	1220
Transport, postal and warehousing	1334	1423	1502	1563	1529	1501	1531	1534	1578	1630	1675	1719	1713
Information media and telecommunications	219	216	215	219	209	198	197	193	198	204	210	215	214
Financial and insurance services	499	512	529	556	548	542	555	557	571	590	605	622	620
Rental, hiring and real estate services	337	349	366	392	394	396	413	420	431	446	458	470	470
Professional, scientific and technical services	953	966	997	1066	1073	1086	1133	1153	1182	1228	1257	1294	1300
Administrative and support services	456	463	481	521	532	550	580	595	612	638	653	671	676
Public administration and safety	1060	1137	1216	1297	1297	1300	1353	1375	1413	1463	1505	1546	1543
Education and training	1600	1665	1743	1861	1873	1909	1988	2027	2086	2177	2231	2298	2319
Health care and social assistance	1773	1827	1894	2012	2023	2071	2150	2190	2255	2361	2414	2485	2515
Arts and recreation services	237	246	260	282	288	299	316	325	334	350	358	369	374
Other services	936	964	1002	1063	1058	1060	1097	1112	1143	1185	1218	1251	1252
<b>Total</b>	<b>19870</b>	<b>20479</b>	<b>21180</b>	<b>22065</b>	<b>21981</b>	<b>22282</b>	<b>22968</b>	<b>23184</b>	<b>23549</b>	<b>23979</b>	<b>24686</b>	<b>25345</b>	<b>25336</b>



Table A.2 Resident employment by one digit ANZSIC(06) industries (number) – continued													
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Wollongong</b>													
Agriculture, forestry and fishing	318	288	263	257	245	228	213	203	207	214	222	234	242
Mining	1729	1929	2126	2316	2396	2403	2536	2609	2653	2667	2783	2895	2911
Manufacturing	11313	11311	11177	10948	10419	9552	9125	8796	8876	8198	8117	8917	9369
Electricity, gas, water and waste services	927	940	959	1005	1030	1013	1047	1059	1072	1079	1115	1165	1169
Construction	5493	5774	6566	6918	6844	6681	7005	6993	7707	7744	6839	6855	6471
Wholesale trade	2650	2597	2554	2573	2538	2402	2379	2334	2362	2382	2454	2569	2584
Retail trade	9432	9378	9283	9353	9296	9032	8934	8806	8930	9142	9380	9832	10037
Accommodation and food services	5645	5528	5524	5848	6123	6316	6566	6688	6785	6988	7151	7501	7698
Transport, postal and warehousing	4229	4336	4431	4573	4628	4509	4592	4589	4648	4690	4835	5050	5070
Information media and telecommunications	1534	1503	1478	1488	1466	1388	1373	1346	1358	1371	1411	1478	1485
Financial and insurance services	3306	3376	3449	3583	3651	3578	3662	3669	3706	3742	3845	4024	4049
Rental, hiring and real estate services	1484	1521	1540	1559	1550	1486	1480	1461	1479	1499	1542	1613	1632
Professional, scientific and technical services	4928	5011	5116	5343	5469	5385	5539	5573	5629	5693	5853	6132	6184
Administrative and support services	2635	2596	2598	2733	2832	2861	2962	3001	3039	3101	3181	3333	3388
Public administration and safety	5596	5913	6179	6453	6592	6489	6677	6725	6809	6892	7110	7437	7493
Education and training	8933	9107	9317	9810	10158	10221	10586	10730	10877	11080	11388	11942	12128
Health care and social assistance	9840	10051	10290	10888	11351	11536	11991	12195	12363	12621	12957	13574	13817
Arts and recreation services	1265	1260	1259	1294	1312	1303	1322	1324	1341	1372	1407	1476	1506
Other services	3481	3515	3564	3713	3796	3754	3851	3875	3925	3981	4100	4290	4335
<b>Total</b>	<b>84737</b>	<b>85934</b>	<b>87672</b>	<b>90654</b>	<b>91696</b>	<b>90137</b>	<b>91840</b>	<b>91978</b>	<b>93766</b>	<b>94456</b>	<b>95689</b>	<b>100316</b>	<b>101564</b>

Table A.3 Real electricity prices – estimated New South Wales average retail prices								
	\$2009-10 – Electricity dollars per MWh, Gas dollars per GJ				Annual growth percentage			
	Real average domestic retail electricity price NSW	Real average non-residential retail electricity price NSW	Real average total retail electricity price NSW	Real average domestic retail gas price NSW	Real average domestic retail electricity price NSW	Real average non-residential retail electricity price NSW	Real average total retail electricity price NSW	Real average domestic retail gas price NSW
<b>HISTORICAL</b>								
1998/99	\$13.28	\$9.92	\$11.12	\$19.35	–	–	–	–
1999/00	\$13.16	\$9.74	\$10.89	\$19.43	-0.9%	-1.8%	-2.0%	0.4%
2000/01	\$13.57	\$9.49	\$10.69	\$20.35	3.1%	-2.5%	-1.8%	4.7%
2001/02	\$13.23	\$10.12	\$11.21	\$21.66	-2.5%	6.6%	4.8%	6.5%
2002/03	\$13.29	\$8.90	\$10.29	\$22.80	0.4%	-12.0%	-8.2%	5.3%
2003/04	\$13.36	\$8.80	\$10.27	\$23.83	0.6%	-1.2%	-0.1%	4.5%
2004/05	\$14.16	\$9.26	\$10.73	\$24.14	5.9%	5.2%	4.4%	1.3%
2005/06	\$14.72	\$9.57	\$11.11	\$24.31	4.0%	3.4%	3.6%	0.7%
2006/07	\$15.14	\$9.80	\$11.40	\$24.38	2.9%	2.4%	2.6%	0.3%
2007/08	\$15.81	\$10.18	\$11.87	\$24.63	4.4%	3.9%	4.1%	1.0%
2008/09	\$16.71	\$10.70	\$12.50	\$24.60	5.7%	5.1%	5.4%	-0.1%
2009/10	\$19.87	\$12.59	\$14.77	\$24.65	18.9%	17.6%	18.1%	0.2%
2010/11	\$21.04	\$13.27	\$15.60	\$27.11	5.9%	5.4%	5.6%	10.0%
2011/12	\$23.62	\$14.80	\$17.45	\$29.82	12.3%	11.6%	11.9%	10.0%
2012/13	\$27.32	\$17.86	\$20.70	\$31.60	15.7%	20.7%	18.6%	6.0%
2013/14	\$27.73	\$18.29	\$21.10	\$29.98	1.5%	2.4%	1.9%	-5.1%
2014/15	\$25.23	\$16.36	\$18.99	\$29.47	-9.0%	-10.6%	-10.0%	-1.7%
2015/16	\$23.22	\$14.89	\$17.37	\$30.66	-8.0%	-9.0%	-8.6%	4.1%
2016/17	\$24.79	\$16.27	\$18.80	\$33.20	6.7%	9.2%	8.2%	8.3%
<b>BASE CASE</b>								
2017/18	\$28.13	\$18.47	\$21.34	\$33.50	13.5%	13.6%	13.5%	0.9%
2018/19	\$28.79	\$19.06	\$21.95	\$33.81	2.3%	3.2%	2.8%	0.9%
2019/20	\$28.64	\$19.04	\$21.89	\$34.15	-0.5%	-0.1%	-0.3%	1.0%
2020/21	\$28.51	\$19.04	\$21.85	\$34.48	-0.5%	0.0%	-0.2%	1.0%
2021/22	\$28.35	\$19.04	\$21.80	\$34.79	-0.5%	0.0%	-0.2%	0.9%
2022/23	\$28.89	\$19.73	\$22.45	\$35.71	1.9%	3.6%	3.0%	2.6%
2023/24	\$28.49	\$19.49	\$22.16	\$36.02	-1.4%	-1.2%	-1.3%	0.9%
2024/25	\$28.37	\$19.51	\$22.14	\$36.33	-0.4%	0.1%	-0.1%	0.9%
2025/26	\$28.30	\$19.55	\$22.15	\$36.66	-0.2%	0.2%	0.0%	0.9%
2026/27	\$28.28	\$19.59	\$22.17	\$37.00	-0.1%	0.2%	0.1%	0.9%
2027/28	\$28.27	\$19.64	\$22.20	\$37.35	0.0%	0.2%	0.1%	0.9%
2028/29	\$28.24	\$19.68	\$22.22	\$37.68	-0.1%	0.2%	0.1%	0.9%

	\$2009-10 – Electricity dollars per MWh, Gas dollars per GJ				Annual growth percentage			
	Real average domestic retail electricity price NSW	Real average non-residential retail electricity price NSW	Real average total retail electricity price NSW	Real average domestic retail gas price NSW	Real average domestic retail electricity price NSW	Real average non-residential retail electricity price NSW	Real average total retail electricity price NSW	Real average domestic retail gas price NSW
<b>HIGH CASE</b>								
2017/18	\$31.07	\$20.98	\$23.96	\$34.06	16.6%	16.7%	16.6%	2.5%
2018/19	\$32.53	\$22.31	\$25.33	\$34.90	4.7%	6.3%	5.7%	2.5%
2019/20	\$32.88	\$22.27	\$25.46	\$35.84	1.1%	-0.2%	0.5%	2.7%
2020/21	\$33.62	\$22.73	\$26.00	\$36.77	2.3%	2.0%	2.1%	2.6%
2021/22	\$33.98	\$22.74	\$26.12	\$37.66	1.1%	0.1%	0.4%	2.4%
2022/23	\$35.26	\$24.40	\$27.67	\$38.89	3.8%	7.3%	5.9%	3.3%
2023/24	\$36.23	\$24.99	\$28.37	\$39.43	2.7%	2.4%	2.5%	1.4%
2024/25	\$36.55	\$25.02	\$28.44	\$40.12	0.9%	0.1%	0.2%	1.8%
2025/26	\$36.71	\$25.12	\$28.46	\$41.09	0.4%	0.4%	0.1%	2.4%
2026/27	\$37.54	\$25.62	\$29.07	\$41.51	2.2%	2.0%	2.1%	1.0%
2027/28	\$37.56	\$25.75	\$29.15	\$41.93	0.1%	0.5%	0.3%	1.0%
2028/29	\$37.63	\$25.86	\$29.21	\$42.95	0.2%	0.4%	0.2%	2.4%
<b>LOW CASE</b>								
2017/18	\$27.80	\$18.25	\$21.09	\$33.35	12.1%	12.2%	12.2%	0.5%
2018/19	\$28.12	\$18.54	\$21.39	\$33.50	1.2%	1.6%	1.4%	0.5%
2019/20	\$28.05	\$18.53	\$21.36	\$33.67	-0.3%	0.0%	-0.1%	0.5%
2020/21	\$27.43	\$18.13	\$20.89	\$32.93	-2.2%	-2.2%	-2.2%	-2.2%
2021/22	\$27.10	\$17.95	\$20.65	\$32.56	-1.2%	-1.0%	-1.1%	-1.1%
2022/23	\$27.36	\$18.27	\$20.96	\$32.98	0.9%	1.8%	1.5%	1.3%
2023/24	\$27.17	\$18.16	\$20.82	\$33.13	-0.7%	-0.6%	-0.6%	0.4%
2024/25	\$27.11	\$18.17	\$20.81	\$33.27	-0.2%	0.0%	-0.1%	0.4%
2025/26	\$27.08	\$18.19	\$20.81	\$33.42	-0.1%	0.1%	0.0%	0.4%
2026/27	\$26.66	\$17.94	\$20.52	\$32.94	-1.5%	-1.4%	-1.4%	-1.4%
2027/28	\$26.66	\$17.96	\$20.53	\$33.10	0.0%	0.1%	0.1%	0.5%
2028/29	\$26.65	\$17.98	\$20.54	\$33.25	-0.1%	0.1%	0.0%	0.4%

Table A.4 Economic growth indicators at market prices				
	Dollars (\$2013-14 million)		Annual growth percentage	
	Gross regional product for Endeavour Energy LGAs	NSW gross state product	Gross regional product for Endeavour Energy LGAs	NSW gross state product
<b>Historic</b>				
1997-98	\$76,594	\$349,721	–	3.9%
1998-99	\$80,573	\$366,701	5.2%	4.9%
1999-00	\$83,553	\$382,997	3.7%	4.4%
2000-01	\$83,572	\$389,373	0.0%	1.7%
2001-02	\$84,478	\$393,950	1.1%	1.2%
2002-03	\$86,933	\$401,352	2.9%	1.9%
2003-04	\$88,800	\$413,033	2.1%	2.9%
2004-05	\$89,769	\$419,557	1.1%	1.6%
2005-06	\$89,395	\$427,144	-0.4%	1.8%
2006-07	\$89,094	\$434,586	-0.3%	1.7%
2007-08	\$91,485	\$445,858	2.7%	2.6%
2008-09	\$93,705	\$450,461	2.4%	1.0%
2009-10	\$95,835	\$459,083	2.3%	1.9%
2010-11	\$98,282	\$471,004	2.6%	2.6%
2011-12	\$99,194	\$479,485	0.9%	1.8%
2012-13	\$102,218	\$488,691	3.0%	1.9%
2013-14	\$103,479	\$500,306	1.2%	2.4%
2014-15	\$106,039	\$513,529	2.5%	2.6%
2015-16	\$110,627	\$531,323	4.3%	3.5%
2016-17	\$116,326	\$542,481	5.2%	2.1%
<b>Base case</b>				
2017-18	\$120,404	\$559,406	3.5%	3.1%
2018-19	\$123,866	\$573,156	2.9%	2.5%
2019-20	\$127,111	\$585,784	2.6%	2.2%
2020-21	\$129,166	\$592,839	1.6%	1.2%
2021-22	\$131,009	\$598,857	1.4%	1.0%
2022-23	\$133,872	\$609,463	2.2%	1.8%
2023-24	\$137,642	\$624,083	2.8%	2.4%
2024-25	\$141,552	\$639,205	2.8%	2.4%
2025-26	\$145,027	\$652,239	2.5%	2.0%
2026-27	\$148,766	\$666,342	2.6%	2.2%
2027-28	\$153,077	\$682,868	2.9%	2.5%
2028-29	\$157,585	\$700,125	2.9%	2.5%

Table A.4 Economic growth indicators at market prices (continued)				
	Dollars (\$2013-14 million)		Annual growth percentage	
	Gross regional product for Endeavour Energy LGAs	NSW gross state product	Gross regional product for Endeavour Energy LGAs	NSW gross state product
<b>Low case</b>				
2017-18	\$117,938	\$556,370	1.4%	2.6%
2018-19	\$120,127	\$562,850	1.9%	1.2%
2019-20	\$122,513	\$570,218	2.0%	1.3%
2020-21	\$123,114	\$576,457	0.5%	1.1%
2021-22	\$123,464	\$578,726	0.3%	0.4%
2022-23	\$124,778	\$585,261	1.1%	1.1%
2023-24	\$127,208	\$595,437	1.9%	1.7%
2024-25	\$129,758	\$605,851	2.0%	1.7%
2025-26	\$131,809	\$614,060	1.6%	1.4%
2026-27	\$133,492	\$623,044	1.3%	1.5%
2027-28	\$135,073	\$634,044	1.2%	1.8%
2028-29	\$137,254	\$645,456	1.6%	1.8%
<b>High case</b>				
2017-18	\$123,093	\$568,200	5.8%	4.7%
2018-19	\$127,022	\$586,051	3.2%	3.1%
2019-20	\$130,902	\$600,510	3.1%	2.5%
2020-21	\$134,200	\$608,888	2.5%	1.4%
2021-22	\$136,668	\$617,913	1.8%	1.5%
2022-23	\$140,575	\$633,675	2.9%	2.6%
2023-24	\$146,211	\$655,621	4.0%	3.5%
2024-25	\$153,255	\$679,151	4.8%	3.6%
2025-26	\$158,294	\$706,576	3.3%	4.0%
2026-27	\$163,514	\$727,508	3.3%	3.0%
2027-28	\$169,432	\$749,310	3.6%	3.0%
2028-29	\$175,161	\$771,092	3.4%	2.9%

## Appendix B: The price and income elasticities

The tables for the price and income elasticities applicable for the Sydney region are given in the attached tables.

The price and income elasticities reflect the following structural features:

- (i) the higher the price increase the higher will be the price elasticity. Thus, with high price increases over the 2011-2014 period the price elasticities are relatively higher;
- (ii) the higher the real prices of electricity in the past the lower will be the price elasticity in the future. This is because the higher the real prices in the past the more efficient will be the stock of electricity using appliances/equipment installed and the less scope to reduce demand from further price increases;
- (iii) in a perfect carbon controlled world, where the only reduction in CO<sub>2</sub> emissions comes from reductions in energy demand, the income elasticity of energy demand must be zero. Thus, as the carbon constraint becomes more binding and options for non-energy CO<sub>2</sub> reductions decline, the income of elasticity demand will also decline; and
- (iv) each year the newly installed equipment will be more efficient than in the previous year. This trend will accelerate over coming years as the world responds to the CO<sub>2</sub> emissions content by accelerating the rate of annual energy efficiency gains for new equipment. This acceleration in the rate of efficiency gain will reduce the income elasticity of demand.

	<b>Base</b>	<b>Low</b>	<b>High</b>
2009-10	-0.40	-0.40	-0.40
2010-11	-0.39	-0.39	-0.39
2011-12	-0.32	-0.32	-0.32
2012-13	-0.31	-0.31	-0.31
2013-14	-0.21	-0.21	-0.21
2014-15	-0.21	-0.21	-0.21
2015-16	-0.20	-0.20	-0.20
2016-17	-0.18	-0.18	-0.18
2017-18	-0.17	-0.18	-0.17
2018-19	-0.17	-0.17	-0.17
2019-20	-0.16	-0.15	-0.16
2020-21	-0.16	-0.16	-0.16
2021-22	-0.15	-0.15	-0.15
2022-23	-0.15	-0.15	-0.15
2023-24	-0.14	-0.14	-0.14
2024-25	-0.13	-0.13	-0.13
2025-26	-0.12	-0.12	-0.12
2026-27	-0.12	-0.11	-0.13
2027-28	-0.12	-0.11	-0.13
2028-29	-0.11	-0.12	-0.11

Table B.2 Endeavour Region: Long-run price elasticities of electricity demand – Non-residential			
	Base	Low	High
2009-10	-0.23	-0.23	-0.23
2010-11	-0.23	-0.23	-0.23
2011-12	-0.15	-0.15	-0.15
2012-13	-0.18	-0.18	-0.18
2013-14	-0.17	-0.17	-0.17
2014-15	-0.17	-0.17	-0.17
2015-16	-0.14	-0.14	-0.14
2016-17	-0.11	-0.11	-0.11
2017-18	-0.11	-0.10	-0.11
2018-19	-0.10	-0.10	-0.11
2019-20	-0.10	-0.09	-0.10
2020-21	-0.10	-0.10	-0.10
2021-22	-0.09	-0.09	-0.10
2022-23	-0.09	-0.09	-0.09
2023-24	-0.09	-0.09	-0.09
2024-25	-0.08	-0.08	-0.09
2025-26	-0.08	-0.08	-0.08
2026-27	-0.08	-0.07	-0.08
2027-28	-0.08	-0.07	-0.08
2028-29	-0.07	-0.07	-0.07

Table B.3 Endeavour Region: Long-run income elasticities of electricity demand – Residential			
	Base	Low	High
2009-10	0.80	0.80	0.80
2010-11	0.77	0.77	0.77
2011-12	0.74	0.74	0.74
2012-13	0.71	0.71	0.71
2013-14	0.67	0.67	0.67
2014-15	0.67	0.67	0.67
2015-16	0.66	0.66	0.66
2016-17	0.62	0.62	0.62
2017-18	0.59	0.75	0.60
2018-19	0.56	0.72	0.53
2019-20	0.52	0.77	0.51
2020-21	0.49	0.35	0.57
2021-22	0.45	0.40	0.42
2022-23	0.42	0.72	0.31
2023-24	0.39	0.78	0.28
2024-25	0.36	0.68	0.21
2025-26	0.32	0.34	0.23
2026-27	0.31	0.45	0.22
2027-28	0.28	0.41	0.22
2028-29	0.26	0.41	0.18



Table B.4 Endeavour Region: Long-run income elasticities of electricity demand – Non-residential			
	Base	Low	High
2009-10	1.16	1.16	1.16
2010-11	1.11	1.11	1.11
2011-12	1.06	1.06	1.06
2012-13	1.01	1.01	1.01
2013-14	0.96	0.96	0.96
2014-15	0.96	0.96	0.96
2015-16	0.94	0.94	0.94
2016-17	0.88	0.88	0.88
2017-18	0.83	0.83	1.02
2018-19	0.78	0.71	0.79
2019-20	0.73	0.67	0.71
2020-21	0.67	0.77	0.56
2021-22	0.62	0.59	0.55
2022-23	0.57	0.46	0.64
2023-24	0.52	0.44	0.63
2024-25	0.47	0.34	0.63
2025-26	0.42	0.35	0.58
2026-27	0.39	0.28	0.58
2027-28	0.35	0.28	0.57
2028-29	0.32	0.25	0.53